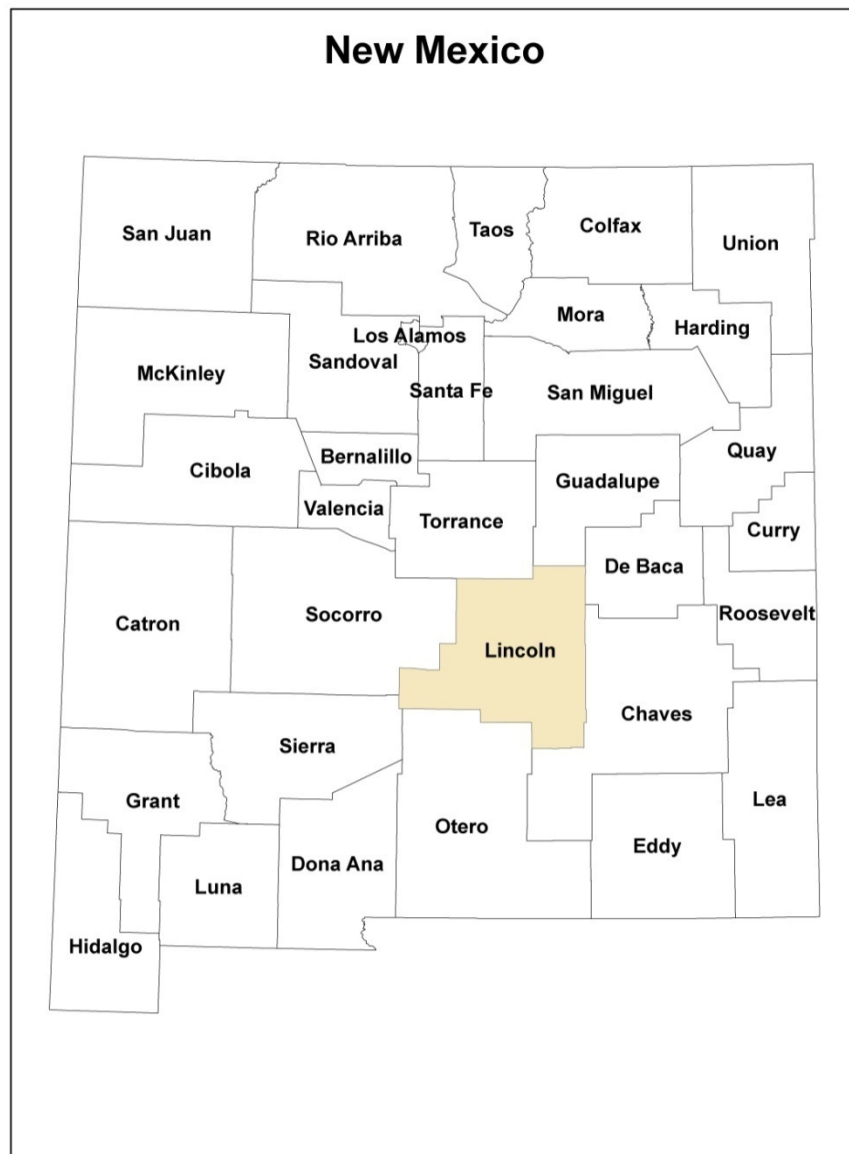




**The Economic Base of Lincoln County, NM**

**PREPARED BY: The Office of Policy Analysis at Arrowhead Center,  
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**DATE: July 2019**



## The Economic Base of Lincoln County, New Mexico

### Introduction

This report is one of 35 economic base studies prepared by the 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 and Theophilus Djaba, graduate students 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 the 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 assist local and regional businesses to 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. The economic base 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:

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

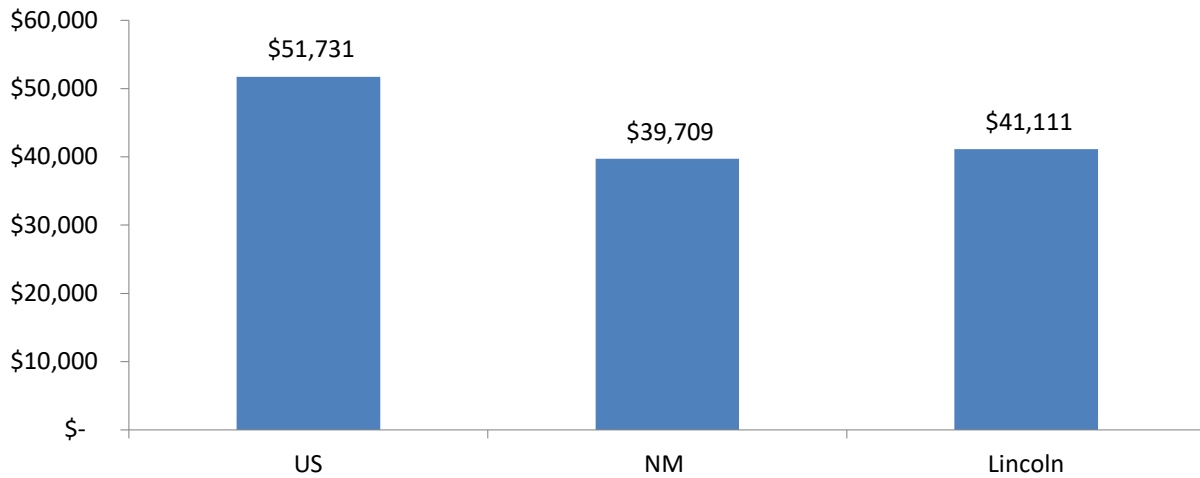
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 and analyzed for the industries within Lincoln 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). For the purposes of 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 are available and the four years preceding (2013-2017). The economic 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).

### **Lincoln County, New Mexico**

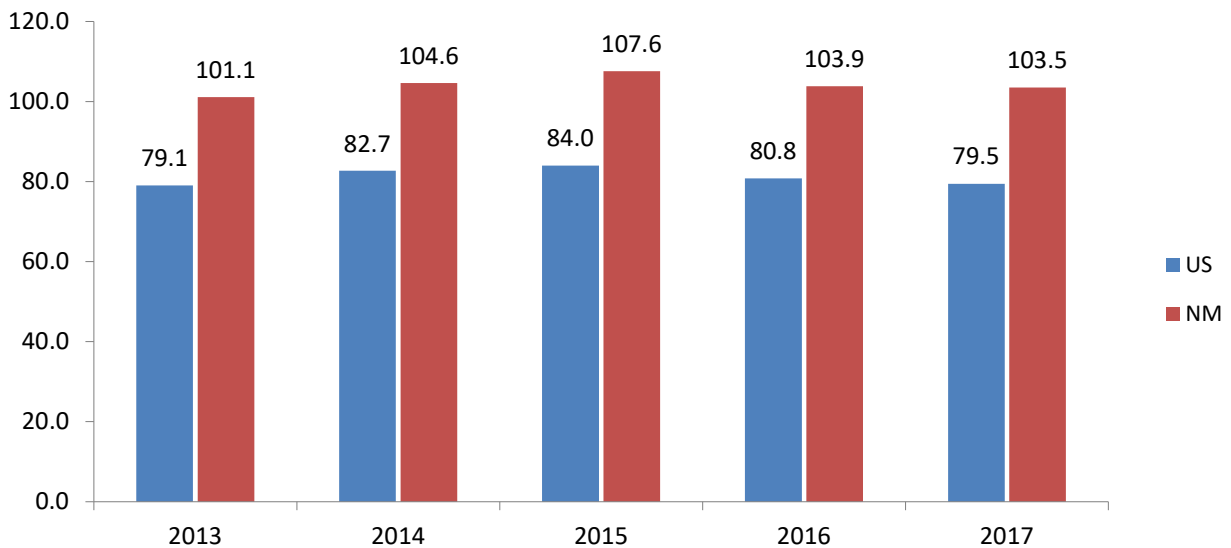
Lincoln County is located in south central New Mexico and contains 4,831.09 square miles, or 3.98 percent of the land area in New Mexico. The population of Lincoln County in 2017 was of 19,395, or 0.93 percent of the state total, ranking 19th in the state in terms of population. The Village of Ruidoso, with a population of 7,756 in 2017 represented 39.99 percent of the total population of Lincoln County (U.S Census Bureau, 2018). Population in Lincoln County decreased by 2.80 percent between 2013 and 2017. For comparison purposes, New Mexico's population increased by 0.03 percent and the United States' population increased by 2.88 percent between 2013 and 2017.

**Figure 1. Per Capita Personal Income: Lincoln (2017)**



Per capita personal income for Lincoln County in 2017 was \$41,111, ranking 6<sup>th</sup> in the state in terms. Per capita personal income for Lincoln County was 103.53 percent of the state average (\$39,709) and 79.47 percent of the national average (\$51,731) (See Figure 1 and 2). Between 2013 and 2017, per capita income in Lincoln County grew by 15.95 percent, higher than the state (13.21) and the nation (15.34) for the same period.

**Figure 2. Per Capita Income of Lincoln as a Percent of U.S. and New Mexico 2013-2017**



Total employment in Lincoln County in 2017 was 10,632, with an increase of 1.89 percent from 2013 to 2017. Lincoln County's increase in employment was lower than the increase in employment experienced by the state (2.08) and the increase of 7.57 percent in the nation's total employment.

Additionally, in 2017, the employment to population ratio in Lincoln County was 0.55, compared to the state ratio (0.52) and the nation (0.60).

In 2017, 84.97 percent of all workers in Lincoln County were employed in the Private sector, 11.47 percent were employed in Government and government enterprises, and 3.56 percent were in Farm employment. Within the private sector, the industries with the largest percentage shares of employment included: Retail Trade (14.75 percent), Accommodations and Food services (14.19), Real estate and rental and leasing (5.68), Arts, entertainment and recreation (7.63) and Health care and Social assistance (7.30). In the public sector, Local government was the largest employer with 8.19 percent; State government employment accounted for 1.92 percent; Federal/civilian for 0.89 percent, and Military employment for 0.47 percent. Employment for Lincoln County by sector is displayed in Table 3.

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

Table 1 contains LQs for Lincoln County from 2013 to 2017 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Lincoln County from 2013 to 2017 calculated with respect to the state of New Mexico. A LQ greater than 1.0, with respect to the U.S. employment, is considered a basic industry in this analysis. The sectors with an LQ greater than 1.0 have been shaded.

The pronounced importance of tourism is represented with the largest LQ for Lincoln County being Arts, entertainment, and recreation industry of 3.36 in 2017 and LQs above 3.23 for all years considered. Therefore, Arts, entertainment, and recreation is considered a basic industry for Lincoln County. The high LQ reflects the large tourism base of Ruidoso for ski resorts outside of Ruidoso and its surrounding area. The Agricultural sector is defined in this analysis as Farm employment as well as considered a basic industry. Farm employment had an LQ of 2.65 and LQs larger than 2.47 in the previous years considered in this analysis.

Real estate and rental and leasing had an LQ of 1.22 in 2017 and LQs greater than 1.22 for all years considered. Accommodations and Food services industry had an LQ of 1.89 in 2017, and LQs greater than 1.85 for all years considered. Directly related to the tourism in the county, these two industries are considered basic industries for Lincoln County. Retail trade, with an LQ of 1.50 in 2017, is also considered a basic industry in the county. Other industries with LQs above one include Utilities (2.70) and Construction (1.21), however they are considered non-basic industries for Lincoln County.

Government and government enterprises is the aggregate figure of all government levels listed as government categories. For all years considered, the only government sector with an LQ greater than

1.0 was local government (1.13). However, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Lea County is considered a non-basic industry.

In brief, the data and analysis suggest that in 2017, the following industries should be considered basic industries in Lincoln County:

1. Arts, entertainment, and recreation, accounted for 811 jobs.
2. Farm employment accounted for 378 jobs.
3. Real estate and rental services, accounted for 604 jobs.
4. Accommodation and food services, accounted for 1,509 jobs.
5. Retail trade, accounted for 1,568 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 the case of Lincoln County, the multiplier is equal 2.18 (10,632 / 4,870). This ratio suggests that the addition of each basic sector job in Lincoln County would be associated with additional 2.18 non-basic sector jobs. The export base multiplier (2.18) calculated above reinforces the importance of basic (exporting) industries to the economy of Lincoln 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 the case of Lincoln County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

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 Bureau for population data. Between 2016 and 2017, the population for Lincoln County increased by 0.52 percent, from 19,294 in 2016 to 19,395 in 2017. Total employment

increased by 1.06 percent between 2016 and 2017, or 111 jobs. For this same period, per capita income increased 2.04 percent from \$40,289 in 2016 to \$41,111 in 2017.

**Tables 1 to 10 appear on pages 7-16**

<b>Table 1: Location Quotients for Lincoln County (US Base) 2013-2017</b>					
<b>US Base</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	0.83	0.84	0.84	0.84	0.83
Proprietors employment	1.58	1.57	1.56	1.56	1.57
Farm proprietors employment	2.82	2.86	2.98	3.03	3.07
Nonfarm proprietors employment	1.52	1.51	1.49	1.49	1.50
<b>By industry</b>					
Farm employment	2.51	2.47	2.59	2.70	2.65
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.98	0.99	0.99	0.98	0.99
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	2.36	2.52	2.50	2.72	2.70
Construction	1.31	1.35	1.32	1.27	1.21
Manufacturing	0.21	0.19	0.18	0.19	0.24
Wholesale trade	0.23	0.29	0.28	0.21	0.22
Retail trade	1.48	1.51	1.50	1.48	1.50
Transportation and warehousing	0.44	0.36	0.34	0.29	0.27
Information	0.60	0.57	0.59	0.64	0.65
Finance and insurance	0.65	0.66	0.66	0.66	0.72
Real estate and rental and leasing	1.36	1.29	1.28	1.22	1.22
Professional, scientific, and technical services	0.54	0.53	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	0.56	0.56
Educational services	0.33	0.30	0.34	0.44	0.41
Health care and social assistance	0.64	0.63	0.65	0.67	0.64
Arts, entertainment, and recreation	3.33	3.39	3.32	3.23	3.36
Accommodation and food services	1.85	1.90	1.98	1.95	1.89
Other services, except public administration	1.07	1.10	1.10	1.13	1.14
Government and government enterprises	0.94	0.91	0.91	0.92	0.92
Federal, civilian	0.70	0.64	0.62	0.61	0.61
Military	0.47	0.45	0.46	0.48	0.48
State and local	1.02	1.00	1.00	1.01	1.01
State government	0.84	0.77	0.73	0.68	0.70
Local government	1.09	1.08	1.11	1.13	1.13
<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 2: Location Quotients for Lincoln County (NM Base) 2013-2017</b>					
	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>NM Based</b>					
<b>By type</b>					
Wage and salary employment	0.82	0.83	0.83	0.82	0.82
Proprietors employment	1.65	1.65	1.64	1.66	1.65
Farm proprietors employment	1.43	1.43	1.46	1.47	1.46
Nonfarm proprietors employment	1.67	1.67	1.66	1.67	1.67
<b>By industry</b>					
Farm employment	1.34	1.34	1.36	1.36	1.36
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	1.08	1.09	1.08	1.08	1.08
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	1.73	1.85	1.83	1.95	1.96
Construction	1.21	1.26	1.25	1.24	1.15
Manufacturing	0.45	0.42	0.40	0.43	0.53
Wholesale trade	0.32	0.40	0.38	0.30	0.33
Retail trade	1.42	1.44	1.43	1.41	1.45
Transportation and warehousing	0.61	0.50	0.49	0.45	0.43
Information	0.73	0.70	0.72	0.77	0.81
Finance and insurance	1.08	1.06	1.08	1.07	1.15
Real estate and rental and leasing	1.68	1.62	1.61	1.54	1.53
Professional, scientific, and technical services	0.53	0.53	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	0.71	0.69
Educational services	0.51	0.47	0.54	0.68	0.63
Health care and social assistance	0.63	0.61	0.61	0.62	0.59
Arts, entertainment, and recreation	3.35	3.43	3.31	3.30	3.37
Accommodation and food services	1.67	1.70	1.76	1.71	1.67
Other services, except public administration	1.22	1.26	1.26	1.28	1.28
Government and government enterprises	0.63	0.61	0.61	0.61	0.61
Federal, civilian	0.39	0.36	0.34	0.33	0.33
Military	0.31	0.29	0.31	0.30	0.30
State and local	0.71	0.69	0.69	0.69	0.70
State government	0.45	0.41	0.38	0.35	0.37
Local government	0.86	0.85	0.86	0.88	0.88
<b>Total employment</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</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: Lincoln County Total Employment by Industry 2017</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	6866	64.58
Proprietors employment	3766	35.42
Farm proprietors employment	302	2.84
Nonfarm proprietors employment	3464	32.58
<b>By industry</b>		
Farm employment	378	3.56
Nonfarm employment	10254	96.44
Private nonfarm employment	9034	84.97
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	97	0.91
Construction	696	6.55
Manufacturing	171	1.61
Wholesale trade	79	0.74
Retail trade	1568	14.75
Transportation and warehousing	113	1.06
Information	120	1.13
Finance and insurance	408	3.84
Real estate and rental and leasing	604	5.68
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	367	3.45
Educational services	104	0.98
Health care and social assistance	776	7.30
Arts, entertainment, and recreation	811	7.63
Accommodation and food services	1509	14.19
Other services, except public administration	688	6.47
Government and government enterprises	1220	11.47
Federal, civilian	95	0.89
Military	50	0.47
State and local	1075	10.11
State government	204	1.92
Local government	871	8.19
<b>Total employment</b>	<b>10,632</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 4: Lincoln County Employment by Industry 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	6773	6854	6879	6835	6866
Proprietors employment	3662	3705	3685	3686	3766
Farm proprietors employment	300	299	303	301	302
Nonfarm proprietors employment 2/	3362	3406	3382	3385	3464
<b>By industry</b>					
Farm employment	380	370	381	388	378
Nonfarm employment	10055	10189	10183	10133	10254
Private nonfarm employment	8764	8948	8958	8916	9034
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	78	83	83	92	97
Construction	694	734	721	714	696
Manufacturing	154	139	132	138	171
Wholesale trade	82	112	105	74	79
Retail trade	1551	1599	1594	1544	1568
Transportation and warehousing	151	127	129	115	113
Information	113	107	109	118	120
Finance and insurance	367	360	359	368	408
Real estate and rental and leasing	625	616	618	590	604
Professional, scientific, and technical services	387	390	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	366	367
Educational services	82	77	88	111	104
Health care and social assistance	751	746	769	796	776
Arts, entertainment, and recreation	771	811	777	767	811
Accommodation and food services	1389	1463	1539	1527	1509
Other services, except public administration	644	680	680	683	688
Government and government enterprises	1291	1241	1225	1217	1220
Federal, civilian	114	102	96	94	95
Military	55	50	50	50	50
State and local	1122	1089	1079	1073	1075
State government	254	233	217	199	204
Local government	868	856	862	874	871
<b>Total employment</b>	<b>10,435</b>	<b>10,559</b>	<b>10,564</b>	<b>10,521</b>	<b>10,632</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 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	846,495	852,348	860,023	861,222	862,272
Proprietors employment	228,970	231,044	231,850	231,184	235,600
Farm proprietors employment	21,547	21,473	21,405	21,291	21,372
Nonfarm proprietors employment	207,423	209,571	210,445	209,893	214,228
<b>By industry</b>					
Farm employment	29,208	28,262	28,866	29,641	28,633
Nonfarm employment	1,046,257	1,055,130	1,063,007	1,062,765	1,069,239
Private nonfarm employment	835,402	845,778	854,438	854,243	862,954
Forestry, fishing, and related activities	5,235	5,675	5,540	5,819	5,658
Mining	36,857	38,222	36,655	31,808	33,725
Utilities	4,652	4,591	4,684	4,900	5,099
Construction	59,142	59,584	59,709	60,012	62,633
Manufacturing	35,463	34,022	34,158	33,188	33,239
Wholesale trade	26,688	28,856	28,502	25,379	24,946
Retail trade	112,726	113,923	114,888	113,636	111,443
Transportation and warehousing	25,502	25,903	27,243	26,672	27,060
Information	16,059	15,725	15,588	16,001	15,339
Finance and insurance	35,010	34,783	34,461	35,684	36,737
Real estate and rental and leasing	38,414	39,111	39,660	39,866	40,634
Professional, scientific, and technical services	75,919	76,116	77,542	77,751	79,601
Management of companies and enterprises	5,502	5,631	5,877	6,337	6,449
Administrative and waste management services	54,597	54,370	52,998	53,887	55,307
Educational services	16,426	16,736	16,965	17,026	17,020
Health care and social assistance	123,737	124,796	129,720	134,269	134,712
Arts, entertainment, and recreation	23,734	24,225	24,245	24,151	24,831
Accommodation and food services	85,494	88,296	90,192	92,521	93,037
Other services, except public administration	54,245	55,213	55,811	55,336	55,484
Government and government enterprises	210,855	209,352	208,569	208,522	206,285
Federal, civilian	30,400	29,452	29,188	29,385	29,288
Military	18,350	17,518	16,923	17,159	17,348
State and local	162,105	162,382	162,458	161,978	159,649
State government	57,772	58,752	58,962	58,703	57,617
Local government	104,333	103,630	103,496	103,275	102,032
<b>Total employment</b>	<b>1,075,465</b>	<b>1,083,392</b>	<b>1,091,873</b>	<b>1,092,406</b>	<b>1,097,872</b>

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

**Table 6: United States Employment by Industry 2013-2017**

<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	141,932,000	144,722,000	147,635,000	149,904,000	151,825,000
Proprietors employment	40,393,100	41,513,800	42,682,800	43,464,900	44,307,200
Farm proprietors employment	1,856,000	1,842,000	1,832,000	1,823,000	1,812,000
Nonfarm proprietors employment	38,537,100	39,671,800	40,850,800	41,641,900	42,495,200
<b>By industry</b>					
Farm employment	2,645,000	2,645,000	2,649,000	2,643,000	2,631,000
Nonfarm employment	179,680,100	183,590,800	187,668,800	190,725,900	193,501,200
Private nonfarm employment	155,625,100	159,536,800	163,523,800	166,427,900	169,096,200
Forestry, fishing, and related activities	909,100	941,000	915,900	935,200	926,400
Mining	1,607,000	1,597,500	1,553,300	1,452,200	1,511,100
Utilities	578,300	580,600	597,400	622,000	663,500
Construction	9,237,800	9,564,300	9,844,900	10,322,100	10,634,600
Manufacturing	12,761,200	12,908,600	13,076,600	13,131,900	13,304,800
Wholesale trade	6,343,100	6,720,600	6,819,100	6,464,400	6,478,900
Retail trade	18,369,100	18,713,100	19,095,300	19,199,500	19,222,200
Transportation and warehousing	6,012,800	6,282,400	6,929,700	7,413,200	7,663,800
Information	3,264,600	3,327,000	3,316,400	3,384,900	3,384,400
Finance and insurance	9,815,300	9,621,000	9,844,600	10,187,400	10,510,200
Real estate and rental and leasing	8,056,800	8,405,800	8,668,300	8,868,200	9,105,900
Professional, scientific, and technical services	12,544,300	12,864,700	13,333,200	13,496,900	13,721,000
Management of companies and enterprises	2,265,000	2,360,300	2,425,500	2,603,800	2,667,400
Administrative and waste management services	11,366,900	11,719,200	11,770,600	12,033,600	12,088,500
Educational services	4,339,100	4,498,100	4,610,900	4,641,800	4,691,200
Health care and social assistance	20,499,200	20,798,400	21,351,100	21,817,100	22,201,200
Arts, entertainment, and recreation	4,043,800	4,223,300	4,220,100	4,363,100	4,455,500
Accommodation and food services	13,099,200	13,548,900	13,977,700	14,399,000	14,697,400
Other services, except public administration	10,512,500	10,862,000	11,173,200	11,091,600	11,168,200
Government and government enterprises	24,055,000	24,054,000	24,145,000	24,298,000	24,405,000
Federal, civilian	2,826,000	2,792,000	2,810,000	2,847,000	2,857,000
Military	2,032,000	1,975,000	1,956,000	1,927,000	1,929,000
State and local	19,197,000	19,287,000	19,379,000	19,524,000	19,619,000
State government	5,306,000	5,330,000	5,349,000	5,351,000	5,365,000
Local government	13,891,000	13,957,000	14,030,000	14,173,000	14,254,000
<b>Total employment</b>	<b>182,325,100</b>	<b>186,235,800</b>	<b>190,317,800</b>	<b>193,368,900</b>	<b>196,132,200</b>

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

<b>Table 7: Lincoln County, New Mexico and United States Percent of Employment by Industry 2017</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>Lincoln County</b>
<b>By type</b>			
Wage and salary employment	77.41	78.54	64.58
Proprietors employment	22.59	21.46	35.42
Farm proprietors employment	0.92	1.95	2.84
Nonfarm proprietors employment	21.67	19.51	32.58
<b>By industry</b>			
Farm employment	1.34	2.61	3.56
Nonfarm employment	98.66	97.39	96.44
Private nonfarm employment	86.22	78.60	84.97
Forestry, fishing, and related activities	0.47	0.52	N/A
Mining	0.77	3.07	N/A
Utilities	0.34	0.46	0.91
Construction	5.42	5.70	6.55
Manufacturing	6.78	3.03	1.61
Wholesale trade	3.30	2.27	0.74
Retail trade	9.80	10.15	14.75
Transportation and warehousing	3.91	2.46	1.06
Information	1.73	1.40	1.13
Finance and insurance	5.36	3.35	3.84
Real estate and rental and leasing	4.64	3.70	5.68
Professional, scientific, and technical services	7.00	7.25	N/A
Management of companies and enterprises	1.36	0.59	N/A
Administrative and waste management services	6.16	5.04	3.45
Educational services	2.39	1.55	0.98
Health care and social assistance	11.32	12.27	7.30
Arts, entertainment, and recreation	2.27	2.26	7.63
Accommodation and food services	7.49	8.47	14.19
Other services, except public administration	5.69	5.05	6.47
Government and government enterprises	12.44	18.79	11.47
Federal, civilian	1.46	2.67	0.89
Military	0.98	1.58	0.47
State and local	10.00	14.54	10.11
State government	2.74	5.25	1.92
Local government	7.27	9.29	8.19
<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: Lincoln County Percent of Employment by Sectors 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	64.91	64.91	65.12	64.97	64.58
Proprietors employment	35.09	35.09	34.88	35.03	35.42
Farm proprietors employment	2.87	2.83	2.87	2.86	2.84
Nonfarm proprietors employment	32.22	32.26	32.01	32.17	32.58
<b>By industry</b>					
Farm employment	3.64	3.50	3.61	3.69	3.56
Nonfarm employment	96.36	96.50	96.39	96.31	96.44
Private nonfarm employment	83.99	84.74	84.80	84.74	84.97
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	0.75	0.79	0.79	0.87	0.91
Construction	6.65	6.95	6.83	6.79	6.55
Manufacturing	1.48	1.32	1.25	1.31	1.61
Wholesale trade	0.79	1.06	0.99	0.70	0.74
Retail trade	14.86	15.14	15.09	14.68	14.75
Transportation and warehousing	1.45	1.20	1.22	1.09	1.06
Information	1.08	1.01	1.03	1.12	1.13
Finance and insurance	3.52	3.41	3.40	3.50	3.84
Real estate and rental and leasing	5.99	5.83	5.85	5.61	5.68
Professional, scientific, and technical services	3.71	3.69	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	3.48	3.45
Educational services	0.79	0.73	0.83	1.06	0.98
Health care and social assistance	7.20	7.07	7.28	7.57	7.30
Arts, entertainment, and recreation	7.39	7.68	7.36	7.29	7.63
Accommodation and food services	13.31	13.86	14.57	14.51	14.19
Other services, except public administration	6.17	6.44	6.44	6.49	6.47
Government and government enterprises	12.37	11.75	11.60	11.57	11.47
Federal, civilian	1.09	0.97	0.91	0.89	0.89
Military	0.53	0.47	0.47	0.48	0.47
State and local	10.75	10.31	10.21	10.20	10.11
State government	2.43	2.21	2.05	1.89	1.92
Local government	8.32	8.11	8.16	8.31	8.19
<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 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	78.71	78.67	78.77	78.84	78.54
Proprietors employment	21.29	21.33	21.23	21.16	21.46
Farm proprietors employment	2.00	1.98	1.96	1.95	1.95
Nonfarm proprietors employment	19.29	19.34	19.27	19.21	19.51
<b>By industry</b>					
Farm employment	2.72	2.61	2.64	2.71	2.61
Nonfarm employment	97.28	97.39	97.36	97.29	97.39
Private nonfarm employment	77.68	78.07	78.25	78.20	78.60
Forestry, fishing, and related activities	0.49	0.52	0.51	0.53	0.52
Mining	3.43	3.53	3.36	2.91	3.07
Utilities	0.43	0.42	0.43	0.45	0.46
Construction	5.50	5.50	5.47	5.49	5.70
Manufacturing	3.30	3.14	3.13	3.04	3.03
Wholesale trade	2.48	2.66	2.61	2.32	2.27
Retail trade	10.48	10.52	10.52	10.40	10.15
Transportation and warehousing	2.37	2.39	2.50	2.44	2.46
Information	1.49	1.45	1.43	1.46	1.40
Finance and insurance	3.26	3.21	3.16	3.27	3.35
Real estate and rental and leasing	3.57	3.61	3.63	3.65	3.70
Professional, scientific, and technical services	7.06	7.03	7.10	7.12	7.25
Management of companies and enterprises	0.51	0.52	0.54	0.58	0.59
Administrative and waste management services	5.08	5.02	4.85	4.93	5.04
Educational services	1.53	1.54	1.55	1.56	1.55
Health care and social assistance	11.51	11.52	11.88	12.29	12.27
Arts, entertainment, and recreation	2.21	2.24	2.22	2.21	2.26
Accommodation and food services	7.95	8.15	8.26	8.47	8.47
Other services, except public administration	5.04	5.10	5.11	5.07	5.05
Government and government enterprises	19.61	19.32	19.10	19.09	18.79
Federal, civilian	2.83	2.72	2.67	2.69	2.67
Military	1.71	1.62	1.55	1.57	1.58
State and local	15.07	14.99	14.88	14.83	14.54
State government	5.37	5.42	5.40	5.37	5.25
Local government	9.70	9.57	9.48	9.45	9.29
<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 10: United States Percent of Employment by Industry 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	77.85	77.71	77.57	77.52	77.41
Proprietors employment	22.15	22.29	22.43	22.48	22.59
Farm proprietors employment	1.02	0.99	0.96	0.94	0.92
Nonfarm proprietors employment	21.14	21.30	21.46	21.53	21.67
<b>By industry</b>					
Farm employment	1.45	1.42	1.39	1.37	1.34
Nonfarm employment	98.55	98.58	98.61	98.63	98.66
Private nonfarm employment	85.36	85.66	85.92	86.07	86.22
Forestry, fishing, and related activities	0.50	0.51	0.48	0.48	0.47
Mining	0.88	0.86	0.82	0.75	0.77
Utilities	0.32	0.31	0.31	0.32	0.34
Construction	5.07	5.14	5.17	5.34	5.42
Manufacturing	7.00	6.93	6.87	6.79	6.78
Wholesale trade	3.48	3.61	3.58	3.34	3.30
Retail trade	10.07	10.05	10.03	9.93	9.80
Transportation and warehousing	3.30	3.37	3.64	3.83	3.91
Information	1.79	1.79	1.74	1.75	1.73
Finance and insurance	5.38	5.17	5.17	5.27	5.36
Real estate and rental and leasing	4.42	4.51	4.55	4.59	4.64
Professional, scientific, and technical services	6.88	6.91	7.01	6.98	7.00
Management of companies and enterprises	1.24	1.27	1.27	1.35	1.36
Administrative and waste management services	6.23	6.29	6.18	6.22	6.16
Educational services	2.38	2.42	2.42	2.40	2.39
Health care and social assistance	11.24	11.17	11.22	11.28	11.32
Arts, entertainment, and recreation	2.22	2.27	2.22	2.26	2.27
Accommodation and food services	7.18	7.28	7.34	7.45	7.49
Other services, except public administration	5.77	5.83	5.87	5.74	5.69
Government and government enterprises	13.19	12.92	12.69	12.57	12.44
Federal, civilian	1.55	1.50	1.48	1.47	1.46
Military	1.11	1.06	1.03	1.00	0.98
State and local	10.53	10.36	10.18	10.10	10.00
State government	2.91	2.86	2.81	2.77	2.74
Local government	7.62	7.49	7.37	7.33	7.27
<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