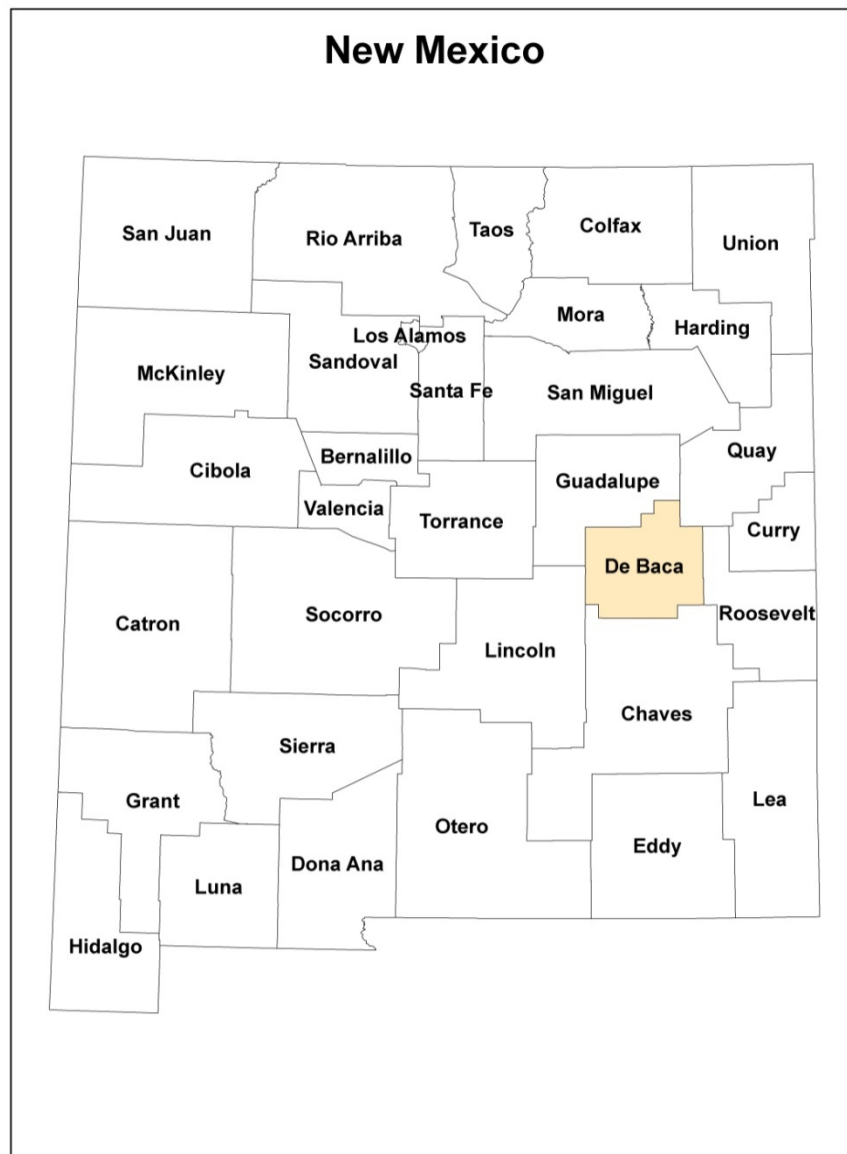




The Economic Base of De Baca County, NM

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New Mexico State University**

DATE: July 2019



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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. 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:

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

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>.

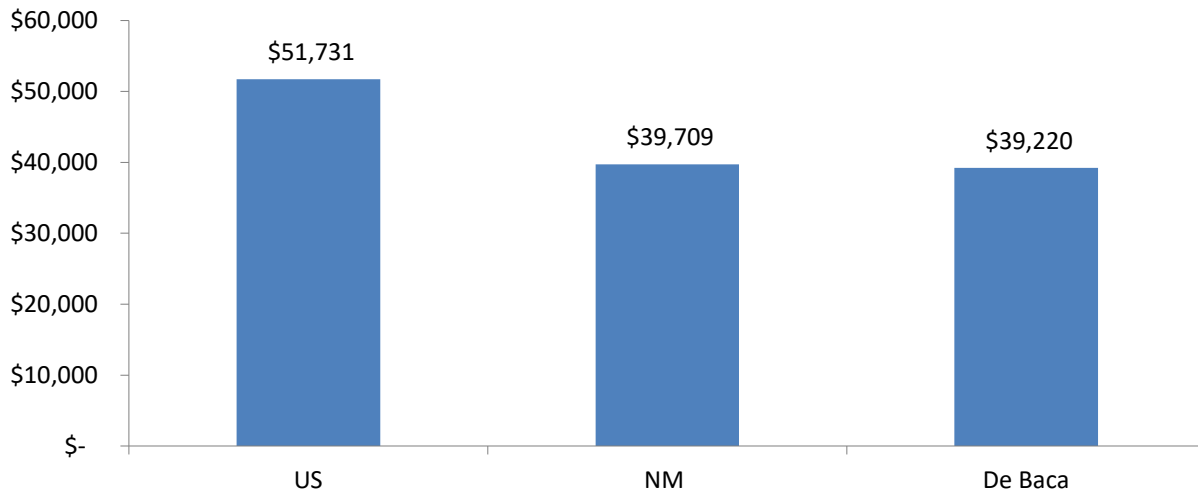
In this report, LQs are calculated and analyzed for the industries within De Baca County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). For the purposes of this report, basic 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 were available and the four preceding years (2013-2017). The economic data used in this report were from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

De Baca County, New Mexico

De Baca County is located in central eastern New Mexico and contains 2,322.62 square miles, or 1.91 percent of the land area in New Mexico. The population of De Baca County in

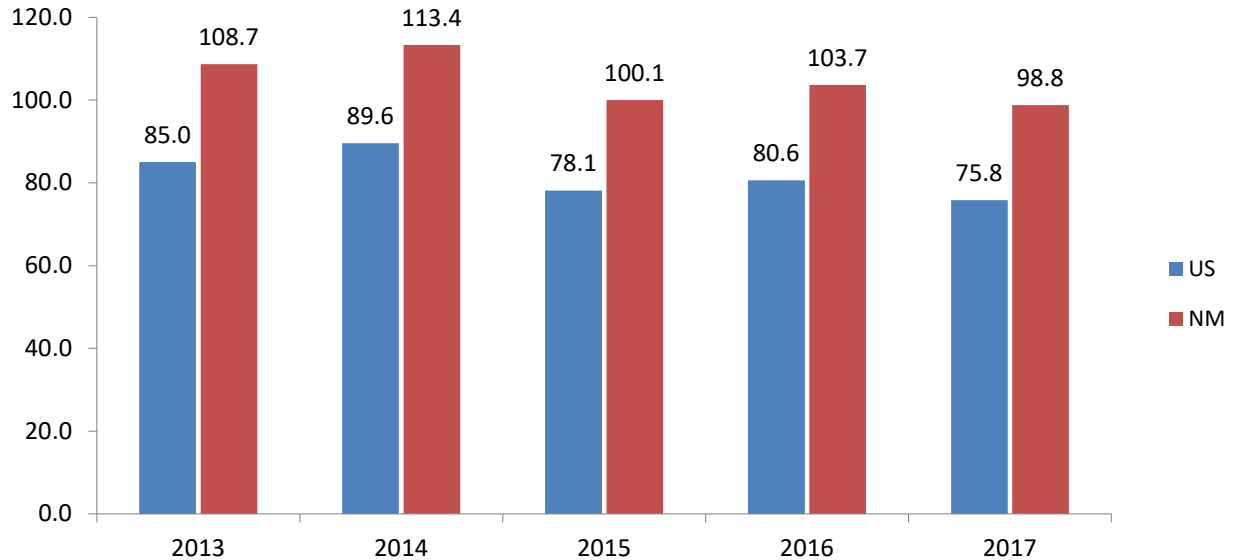
2017 was 1,829 or 0.09 percent of the state total, ranking 32nd in the state of New Mexico in terms of population. Between 2013 and 2017, the population of De Baca County decreased by 4.79 percent. The Town of Fort Sumner with a population of 933 in 2017 contained 51.01 percent of the population of De Baca County (U.S Census Bureau, 2018). The population of Fort Sumner, the largest community in the county, decreased by 0.74 percent between 2016 and 2017, from 940 in 2016 to 933 in 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: De Baca (2017)



Per capita personal income in De Baca County in 2017 was \$39,220, ranking 12th in the state in terms of per capita income. Per capita income for De Baca County in 2017 was 98.77 percent of the state average (\$39,709) and 75.82 percent of the national average (\$51,731) (See Figure 1 and 2). Between 2013 and 2017, per capita income in De Baca County increased by 2.84 percent. The growth rate of per capita income in De Baca County between 2013 and 2017 is lower than the state growth rate (13.21 percent) and the national rate (15.34 percent) for the same period.

Figure 2: Per Capita Income of De Baca as a Percent of U.S. and New Mexico 2013-2017



Total employment in De Baca County in 2017 was 972. Between 2013 and 2017, total employment in De Baca County increased by 1.57 percent, significantly lower than the state which had an increase in employment of 2.08 percent and the nation which had an increase of 7.57 percent. The De Baca County employment to population ratio was 0.53, compared to the state (0.52) and nation (0.60).

Disaggregated data for De Baca County by industry is very limited. In order to avoid disclosure of confidential information or when industries have less than 10 jobs, the number by industry is not published and the estimates are included in the totals. The analysis herein will be limited to the data available. In 2017, 54.84 percent of all workers in De Baca County were employed in the Private sector, while 19.44 percent were employed in Government enterprises and 25.72 percent in Farm employment. The industries in 2017 with the highest percentage of total employment were Retail trade (10.39) and Mining (2.88 percent). Local government was the largest employer in the public sector with 14.92 percent of total employment. State government accounted for 2.78 percent of total employment and Federal/civilian for 1.23 percent. Employment for De Baca County by sector is displayed in Table 3.

Basic and Non-Basic Industries in De Baca County, New Mexico

Table 1 contains LQs for De Baca County from 2013 to 2017 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for De Baca County from 2013 to 2017 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.00 with respect to U.S. employment is considered a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The great importance of Farm employment is represented by the highest LQ for De Baca of 19.17 for 2017. Farm employment is considered a basic industry in the county. Although this LQ has been above 16.90 between 2013 and 2017, it has fluctuated over the past five years. In the private sector, Mining can also be considered a basic economic activity in De Baca County. This sector had an LQ of 3.74.

Retail trade also had an LQ of 1.06 in 2017, however this sector in De Baca County is considered non-basic or support activity. In the public sector, the entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. Under this category, the only sectors with LQs above 1.0 were local government (2.05) and state government (1.02). 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 De Baca County will be considered a non-basic industry.

In brief, the data and analysis suggests that in 2017, the following industries are considered basic industries in De Baca County:

1. Farm employment, accounted for 250 jobs.
2. Mining, accounted for 28 jobs.
3. State government, accounted for 27 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 De Baca County the multiplier is equal to 3.19 (972 / 305). This ratio suggests the addition of each basic sector job in De Baca County would be associated with additional 3.19 non-basic sector jobs. The export base multiplier (3.19) calculated above

reinforces the importance of basic (exporting) industries to the economy of De Baca 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 De Baca 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 De Baca County decreased by 0.65 percent, from 1,841 in 2016 to 1,829 in 2017. From 2016 to 2017, per capita income for De Baca County decreased by 2.46 percent from \$40,210 in 2016 to \$39,220 in 2017. Total employment decreased from the previous year by 13 jobs, a 1.32 percent decrease.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for De Baca County (US Base) 2013-2017

US Base	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.81	0.79	0.80	0.78	0.77
Proprietors employment	1.66	1.73	1.69	1.75	1.78
Farm proprietors employment	17.35	16.87	17.89	18.20	18.82
Nonfarm proprietors employment	0.91	1.02	0.97	1.03	1.05
By industry					
Farm employment	18.22	16.96	18.42	19.46	19.17
Nonfarm employment	0.75	0.77	0.75	0.74	0.75
Private nonfarm employment	0.61	0.64	0.63	0.63	0.64
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	2.02	1.96	2.36	3.65	3.74
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	0.86	0.86	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	0.90	0.96	N/A	N/A
Retail trade	1.17	1.09	1.05	1.03	1.06
Transportation and warehousing	0.70	N/A	N/A	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	0.21	0.20	0.20	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.15	0.19	0.15	0.15	0.15
Educational services	0.31	0.33	0.42	0.38	0.39
Health care and social assistance	N/A	0.58	0.54	0.50	N/A
Arts, entertainment, and recreation	0.66	0.78	0.46	N/A	N/A
Accommodation and food services	0.45	0.43	0.44	N/A	N/A
Other services, except public administration	0.56	N/A	N/A	N/A	N/A
Government and government enterprises	1.63	1.62	1.59	1.53	1.56
Federal, civilian	0.94	0.99	0.69	0.83	0.85
Military	0.47	0.47	0.49	0.51	0.52
State and local	1.86	1.83	1.83	1.73	1.77
State government	1.08	1.00	1.05	0.99	1.02
Local government	2.15	2.15	2.13	2.01	2.05
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 2: Location Quotients for De Baca County (NM Base) 2013-2017					
	2013	2014	2015	2016	2017
NM Based					
By type					
Wage and salary employment	0.80	0.78	0.79	0.77	0.76
Proprietors employment	1.73	1.81	1.79	1.86	1.87
Farm proprietors employment	8.81	8.42	8.79	8.80	8.93
Nonfarm proprietors employment	1.00	1.13	1.08	1.16	1.17
By industry					
Farm employment	9.73	9.23	9.70	9.80	9.86
Nonfarm employment	0.76	0.78	0.76	0.75	0.76
Private nonfarm employment	0.67	0.70	0.69	0.69	0.70
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.52	0.48	0.57	0.94	0.94
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	0.81	0.82	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	1.22	1.32	N/A	N/A
Retail trade	1.13	1.04	1.00	0.99	1.02
Transportation and warehousing	0.97	N/A	N/A	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	0.26	0.25	0.25	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.19	0.24	0.19	0.19	0.18
Educational services	0.48	0.51	0.65	0.59	0.60
Health care and social assistance	N/A	0.57	0.51	0.46	N/A
Arts, entertainment, and recreation	0.66	0.79	0.46	N/A	N/A
Accommodation and food services	0.41	0.39	0.39	N/A	N/A
Other services, except public administration	0.64	N/A	N/A	N/A	N/A
Government and government enterprises	1.10	1.08	1.06	1.01	1.03
Federal, civilian	0.52	0.54	0.38	0.45	0.46
Military	0.31	0.31	0.33	0.32	0.33
State and local	1.30	1.26	1.25	1.18	1.22
State government	0.58	0.53	0.54	0.51	0.53
Local government	1.69	1.68	1.66	1.56	1.61
Total employment	1.0	1.0	1.0	1.0	1.0

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 3: De Baca County, Total Employment by Industry 2017		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	581	59.77
Proprietors employment	391	40.23
Farm proprietors employment	169	17.39
Nonfarm proprietors employment	222	22.84
By industry		
Farm employment	250	25.72
Nonfarm employment	722	74.28
Private nonfarm employment	533	54.84
Forestry, fishing, and related activities	N/A	N/A
Mining	28	2.88
Utilities	N/A	N/A
Construction	N/A	N/A
Manufacturing	N/A	N/A
Wholesale trade	N/A	N/A
Retail trade	101	10.39
Transportation and warehousing	N/A	N/A
Information	N/A	N/A
Finance and insurance	N/A	N/A
Real estate and rental and leasing	N/A	N/A
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	9	0.93
Educational services	9	0.93
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A
Accommodation and food services	N/A	N/A
Other services, except public administration	N/A	N/A
Government and government enterprises	189	19.44
Federal, civilian	12	1.23
Military	5	0.51
State and local	172	17.70
State government	27	2.78
Local government	145	14.92
Total employment	972	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 4: De Baca County Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	604	623	612	597	581
Proprietors employment	353	390	375	388	391
Farm proprietors employment	169	169	170	169	169
Nonfarm proprietors employment 2/	184	221	205	219	222
By industry					
Farm employment	253	244	253	262	250
Nonfarm employment	704	769	734	723	722
Private nonfarm employment	498	557	535	534	533
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	17	17	19	27	28
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	45	44	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	33	34	N/A	N/A
Retail trade	113	111	104	101	101
Transportation and warehousing	22	N/A	N/A	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	9	9	9	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	9	12	9	9	9
Educational services	7	8	10	9	9
Health care and social assistance	N/A	66	60	56	N/A
Arts, entertainment, and recreation	14	18	10	N/A	N/A
Accommodation and food services	31	32	32	N/A	N/A
Other services, except public administration	31	N/A	N/A	N/A	N/A
Government and government enterprises	206	212	199	189	189
Federal, civilian	14	15	10	12	12
Military	5	5	5	5	5
State and local	187	192	184	172	172
State government	30	29	29	27	27
Local government	157	163	155	145	145
Total employment	957	1,013	987	985	972

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 5: New Mexico Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
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 2/	207,423	209,571	210,445	209,893	214,228
By industry					
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
Total employment	1,075,465	1,083,392	1,091,873	1,092,406	1,097,872

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 6: United States Employment by Industry 2013-2017

Number of jobs by industry	2013	2014	2015	2016	2017
By type					
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 2/	38,537,100	39,671,800	40,850,800	41,641,900	42,495,200
By industry					
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
Total employment	182,325,100	186,235,800	190,317,800	193,368,900	196,132,200

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 7: De Baca County, New Mexico and United States Percent of Employment by Industry 2017			
	United States	New Mexico	De Baca County
By type			
Wage and salary employment	77.41	78.54	59.77
Proprietors employment	22.59	21.46	40.23
Farm proprietors employment	0.92	1.95	17.39
Nonfarm proprietors employment	21.67	19.51	22.84
By industry			
Farm employment	1.34	2.61	25.72
Nonfarm employment	98.66	97.39	74.28
Private nonfarm employment	86.22	78.60	54.84
Forestry, fishing, and related activities	0.47	0.52	N/A
Mining	0.77	3.07	2.88
Utilities	0.34	0.46	N/A
Construction	5.42	5.70	N/A
Manufacturing	6.78	3.03	N/A
Wholesale trade	3.30	2.27	N/A
Retail trade	9.80	10.15	10.39
Transportation and warehousing	3.91	2.46	N/A
Information	1.73	1.40	N/A
Finance and insurance	5.36	3.35	N/A
Real estate and rental and leasing	4.64	3.70	N/A
Professional, scientific, and technical services	7.00	7.25	N/A
Management of companies and enterprises	1.36	0.59	0.00
Administrative and waste management services	6.16	5.04	0.93
Educational services	2.39	1.55	0.93
Health care and social assistance	11.32	12.27	N/A
Arts, entertainment, and recreation	2.27	2.26	N/A
Accommodation and food services	7.49	8.47	N/A
Other services, except public administration	5.69	5.05	N/A
Government and government enterprises	12.44	18.79	19.44
Federal, civilian	1.46	2.67	1.23
Military	0.98	1.58	0.51
State and local	10.00	14.54	17.70
State government	2.74	5.25	2.78
Local government	7.27	9.29	14.92
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 8: De Baca County Percent of Employment by Sectors 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	63.11	61.50	62.01	60.61	59.77
Proprietors employment	36.89	38.50	37.99	39.39	40.23
Farm proprietors employment	17.66	16.68	17.22	17.16	17.39
Nonfarm proprietors employment	19.23	21.82	20.77	22.23	22.84
By industry					
Farm employment	26.44	24.09	25.63	26.60	25.72
Nonfarm employment	73.56	75.91	74.37	73.40	74.28
Private nonfarm employment	52.04	54.99	54.20	54.21	54.84
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	1.78	1.68	1.93	2.74	2.88
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	4.44	4.46	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	3.26	3.44	N/A	N/A
Retail trade	11.81	10.96	10.54	10.25	10.39
Transportation and warehousing	2.30	N/A	N/A	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	0.94	0.89	0.91	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.94	1.18	0.91	0.91	0.93
Educational services	0.73	0.79	1.01	0.91	0.93
Health care and social assistance	N/A	6.52	6.08	5.69	N/A
Arts, entertainment, and recreation	1.46	1.78	1.01	N/A	N/A
Accommodation and food services	3.24	3.16	3.24	N/A	N/A
Other services, except public administration	3.24	N/A	N/A	N/A	N/A
Government and government enterprises	21.53	20.93	20.16	19.19	19.44
Federal, civilian	1.46	1.48	1.01	1.22	1.23
Military	0.52	0.49	0.51	0.51	0.51
State and local	19.54	18.95	18.64	17.46	17.70
State government	3.13	2.86	2.94	2.74	2.78
Local government	16.41	16.09	15.70	14.72	14.92
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2013-2017

Description	2013	2014	2015	2016	2017
By type					
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
By industry					
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
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 10: United States Percent of Employment by Industry 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
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
By industry					
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
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation