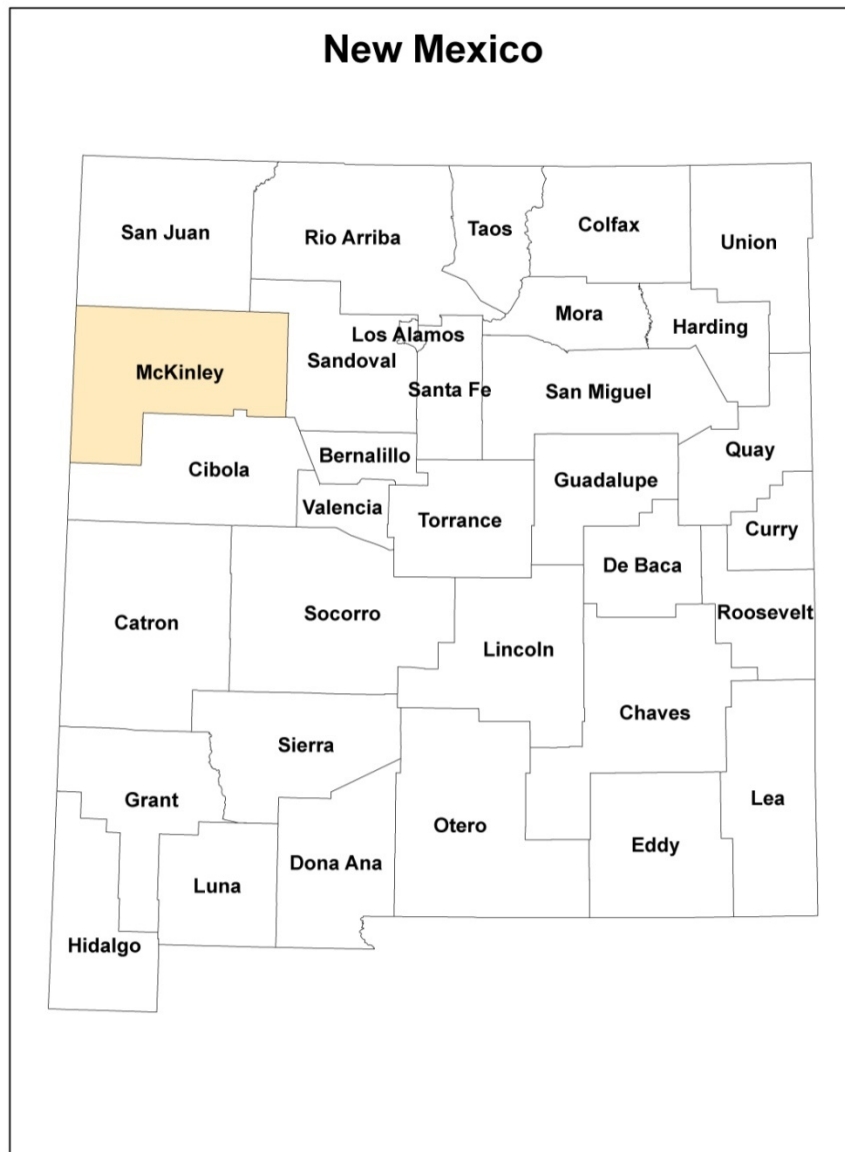




The Economic Base of McKinley County, NM

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

DATE: July 2019



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Introduction

This report is one of 35 economic base studies prepared by the Office of Policy Analysis at 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. Theophilus Djaba and Erin Sumner, graduate students in the NMSU Doctorate of 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 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:

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

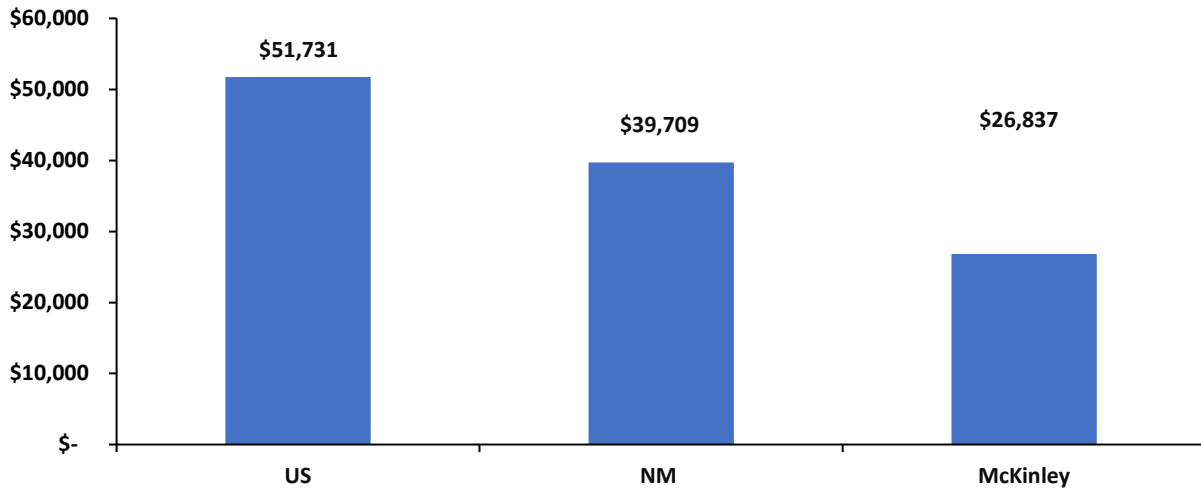
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

McKinley County, New Mexico

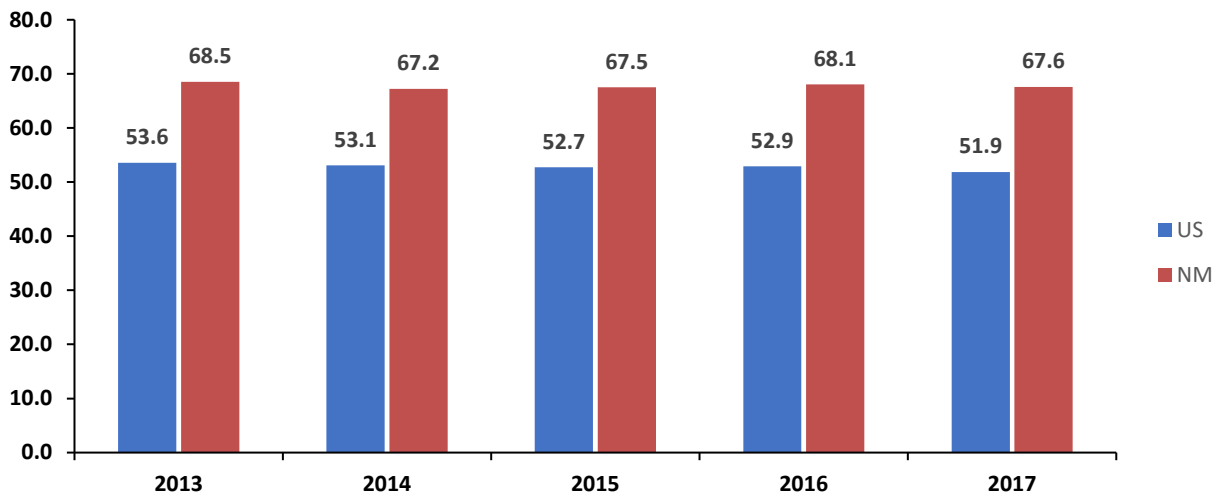
McKinley County is located in the north western section of New Mexico and contains 5,449.81 square miles, or 4.49 percent of the land area in the state. The population for McKinley County in 2017 was 72,564, or 3.47 percent of the state total, ranking 7th in terms of population. The City of Gallup had a population of 21,960 and represented 30.26 percent of total population for McKinley County in 2017. Between 2013 and 2017, the population of McKinley County decreased by 0.06 percent. During the same period, New Mexico's population increased by 0.03 percent and the United States population increased by 2.88 percent.

Figure 1. Per Capita Personal Income: McKinley County (2017)



Per capita personal income in McKinley County in 2017 was \$26,837, ranking last as the county with the lowest per capita income in the state (See Figure 1). Per capita income for McKinley County in 2017 represented 67.58 percent corresponding state figure of \$39,709 and 51.88 percent of the national average of \$51,731 (see Figure 2). Despite its low per capita income, the percentage growth for McKinley’s per capita income between 2013 and 2017 was 1.65 percent. The percentage growth for the state between 2013 and 2017 was 13.21 percent and 15.34 percent for the nation.

Figure 2. Per Capita Personal Income of McKinley County as a Percent of U.S. and New Mexico 2013-2017



Total employment in McKinley County was 29,131 in 2017. Between 2013 and 2017, total employment for McKinley County decreased by 3.13 percent, compared to the New Mexico’s 2.08 percent growth and the nation’s employment growth of 7.57 percent. The employment to population

ratio for McKinley County was 0.40, significantly lower compared to the state 0.52 and nation's ratio 0.60. This ratio represents a low rate of population being employed.

In 2017, 67.23 percent of all workers in McKinley County were employed in the Private sector, while Government and government enterprises accounted for 25.49 percent, and Farm employment accounted for 7.28 percent of total employment. Industries with the highest percentages of total employment included: Health care and social assistance (14.76 percent), Retail trade (12.70), Wholesale trade (4.72), and Accommodation and food services (10.77). In the public sector, Local government and Federal/ civilian employment were the largest employers in the public sector with 13.88 and 8.61 percent of total employment, respectively. State government employment accounted for 2.36 percent and Military for 0.64 percent. Employment for McKinley County by sector is displayed in Table 3.

Basic and Non-Basic Industries in McKinley County, New Mexico

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

The importance of the agricultural sector to the economic base of McKinley County is reflected in a large LQ for the county under Farm employment, with a LQ of 5.43. This industry has experienced consistent growth during the years considered, with LQs steadily increasing. Wholesale trade with a LQ of 1.43 is also considered a basic industry for McKinley County, which implies that the county economy is dependent on its wholesale trade specialty. Accommodation and food services is also to be considered a basic economic activity for McKinley County, with a LQ of 1.44. Gallup's location on I-40 between Albuquerque and the State of Arizona, as well as its historical hotels, makes it a common stop-over for travelers.

Health care and social assistance is also considered a basic sector with a LQ of 1.30 in 2017. This LQ reflects the large employment base from the two main medical centers of McKinley County, Rehoboth McKinley Christian Hospital and Gallup Indian Medical Center, both located in Gallup. Though health care and social assistance is often categorized as non-basic industry, considering the importance of these hospitals in serving neighboring areas—especially Native American reservations at the Gallup Indian Medical Center, this sector has been included as part of the economic base of McKinley County. Retail trade with a LQ of 1.30 is also considered a basic industry for McKinley County.

Although mining has historically been a basic industry in McKinley County, employment data for Mining was undisclosed by the BEA between 2013 and 2017. The Utilities sector with a LQ of 1.52 in 2017 is considered a non-basic or a support industry for McKinley County.

Government and government enterprises entry is the aggregate figure of all government levels listed as government categories. In 2017, the public sector industries with LQs greater than 1.0 included Federal/civilian employment with a LQ of 5.91, considered a basic industry for McKinley. This large LQ reflects the employment base of the Gallup Indian Medical Center, part of the Indian Health Service. Local government had a LQ of 1.91. Even when local government is greater than 1.0, 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 McKinley County will be considered as non-basic industry.

The data for 2017 suggest that in McKinley County, the following industries are to be considered basic:

1. Agricultural sector with farm employment, accounted for 2,120 jobs.
2. Wholesale trade, accounted for 1,375 jobs.
3. Accommodation and food services, accounted for 3,136 jobs.
4. Health care and social assistance, accounted for 4,299 jobs.
5. Retail trade, accounted for 3,700 jobs.
6. Federal civilian employment, accounted for 2,509 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 McKinley County, the multiplier is equal to 1.70 (29,131 / 17,139). This ratio suggests that the addition of each basic sector job in McKinley County would be associated with additional 1.70 non-basic sector jobs. The export base multiplier (1.70) calculated above reinforces the importance of basic (exporting) industries to the economy of McKinley County. 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 McKinley 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 economic data and the U.S. Census for population data. The population for McKinley County in 2017 was 72,564, a 0.54 percent decrease from a population of 72,958 in 2016. Per capita income for McKinley County in 2017 was \$26,837, which was an increase of 1.65 percent from \$26,401 in 2016. Uranium mining is still considered an important industry in McKinley County, but it has been in a downward spiral since 2007. This particular industry has fallen below the national average percentage employment and employment data for the industry were undisclosed from 2013 to 2017.

Tables 1 to 10 appear on pages 7-16.

Table 1: Location Quotients for McKinley County (US Base) 2013-2017					
US Base	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.95	0.93	0.94	0.99	0.99
Proprietors employment	1.19	1.25	1.19	1.05	1.05
Farm proprietors employment	6.73	6.90	6.94	7.32	7.47
Nonfarm proprietors employment	0.92	0.99	0.93	0.77	0.78
By industry					
Farm employment	4.99	5.04	5.07	5.36	5.43
Nonfarm employment	0.94	0.94	0.94	0.94	0.94
Private nonfarm employment	0.78	0.79	0.79	0.78	0.78
Forestry, fishing, and related activities	0.00	0.00	0.00	0.00	0.00
Mining	0.00	0.00	0.00	0.00	0.00
Utilities	1.59	1.63	1.58	1.62	1.52
Construction	0.59	0.56	0.63	0.63	0.56
Manufacturing	0.54	0.59	0.62	0.62	0.65
Wholesale trade	2.10	2.48	2.23	1.43	1.43
Retail trade	1.25	1.24	1.28	1.30	1.30
Transportation and warehousing	0.66	0.58	0.58	0.55	0.58
Information	0.46	0.44	0.42	0.45	0.46
Finance and insurance	0.31	0.34	0.34	0.35	0.34
Real estate and rental and leasing	0.34	0.36	0.37	0.40	0.38
Professional, scientific, and technical services	0.24	0.25	0.24	0.23	0.21
Management of companies and enterprises	0.16	0.16	0.19	0.14	0.16
Administrative and waste management services	0.25	0.26	0.27	0.25	0.26
Educational services	0.44	0.43	0.34	0.39	0.40
Health care and social assistance	1.19	1.14	1.17	1.26	1.30
Arts, entertainment, and recreation	0.39	0.39	0.35	0.37	0.37
Accommodation and food services	1.35	1.28	1.31	1.42	1.44
Other services, except public administration	0.81	0.75	0.70	0.72	0.73
Government and government enterprises	1.95	1.97	2.00	2.06	2.05
Federal, civilian	5.40	5.42	5.50	5.80	5.91
Military	0.59	0.58	0.61	0.65	0.65
State and local	1.59	1.61	1.64	1.65	1.62
State government	0.81	0.85	0.87	0.88	0.86
Local government	1.89	1.90	1.93	1.94	1.91
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 McKinley County (NM Base) 2013-2017					
NM Based	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.94	0.92	0.93	0.97	0.97
Proprietors employment	1.24	1.31	1.26	1.11	1.11
Farm proprietors employment	3.42	3.44	3.41	3.54	3.55
Nonfarm proprietors employment	1.01	1.09	1.04	0.86	0.86
By industry					
Farm employment	2.66	2.75	2.67	2.70	2.79
Nonfarm employment	0.95	0.95	0.95	0.95	0.95
Private nonfarm employment	0.86	0.86	0.86	0.85	0.86
Forestry, fishing, and related activities	0.00	0.00	0.00	0.00	0.00
Mining	0.00	0.00	0.00	0.00	0.00
Utilities	1.17	1.20	1.16	1.16	1.11
Construction	0.54	0.53	0.59	0.61	0.53
Manufacturing	1.14	1.29	1.35	1.38	1.45
Wholesale trade	2.95	3.36	3.06	2.05	2.08
Retail trade	1.20	1.18	1.22	1.24	1.25
Transportation and warehousing	0.92	0.82	0.85	0.86	0.92
Information	0.55	0.54	0.51	0.54	0.57
Finance and insurance	0.52	0.55	0.55	0.57	0.55
Real estate and rental and leasing	0.42	0.45	0.46	0.50	0.48
Professional, scientific, and technical services	0.24	0.25	0.23	0.23	0.20
Management of companies and enterprises	0.40	0.39	0.44	0.33	0.36
Administrative and waste management services	0.31	0.32	0.34	0.32	0.32
Educational services	0.68	0.67	0.53	0.61	0.62
Health care and social assistance	1.16	1.11	1.11	1.16	1.20
Arts, entertainment, and recreation	0.39	0.39	0.35	0.38	0.37
Accommodation and food services	1.22	1.14	1.16	1.25	1.27
Other services, except public administration	0.92	0.86	0.80	0.81	0.82
Government and government enterprises	1.32	1.32	1.33	1.35	1.36
Federal, civilian	2.96	2.99	3.04	3.17	3.23
Military	0.39	0.38	0.41	0.41	0.40
State and local	1.11	1.11	1.12	1.12	1.12
State government	0.44	0.45	0.45	0.45	0.45
Local government	1.48	1.49	1.50	1.50	1.49
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 3: McKinley County Total Employment by Industry 2017		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	22,219	76.27
Proprietors employment	6,912	23.73
Farm proprietors employment	2,011	6.90
Nonfarm proprietors employment	4,901	16.82
By industry		
Farm employment	2,120	7.28
Nonfarm employment	27,011	92.72
Private nonfarm employment	19,586	67.23
Forestry, fishing, and related activities	0	0.00
Mining	0	0.00
Utilities	150	0.51
Construction	879	3.02
Manufacturing	1,279	4.39
Wholesale trade	1,375	4.72
Retail trade	3,700	12.70
Transportation and warehousing	657	2.26
Information	232	0.80
Finance and insurance	534	1.83
Real estate and rental and leasing	516	1.77
Professional, scientific, and technical services	432	1.48
Management of companies and enterprises	62	0.21
Administrative and waste management services	468	1.61
Educational services	282	0.97
Health care and social assistance	4,299	14.76
Arts, entertainment, and recreation	244	0.84
Accommodation and food services	3,136	10.77
Other services, except public administration	1,208	4.15
Government and government enterprises	7,425	25.49
Federal, civilian	2,509	8.61
Military	186	0.64
State and local	4,730	16.24
State government	688	2.36
Local government	4,042	13.88
Total employment	29,131	100.00

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

Table 4: McKinley County Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	22149	21695	22103	22207	22219
Proprietors employment	7922	8369	8052	6827	6912
Farm proprietors employment	2061	2052	2015	2004	2011
Nonfarm proprietors employment 2/	5861	6317	6037	4823	4901
By industry					
Farm employment	2176	2154	2127	2129	2120
Nonfarm employment	27895	27910	28028	26905	27011
Private nonfarm employment	20142	20265	20366	19405	19586
Forestry, fishing, and related activities					
Mining					
Utilities	152	153	150	151	150
Construction	901	869	978	972	879
Manufacturing	1135	1220	1276	1218	1279
Wholesale trade	2199	2690	2408	1385	1375
Retail trade	3772	3744	3874	3737	3700
Transportation and warehousing	654	593	642	610	657
Information	249	234	221	228	232
Finance and insurance	507	533	526	541	534
Real estate and rental and leasing	449	487	506	532	516
Professional, scientific, and technical services	500	528	503	469	432
Management of companies and enterprises	61	61	72	56	62
Administrative and waste management services	471	484	497	459	468
Educational services	313	312	250	274	282
Health care and social assistance	4007	3829	3962	4130	4299
Arts, entertainment, and recreation	258	263	236	241	244
Accommodation and food services	2919	2804	2894	3066	3136
Other services, except public administration	1397	1319	1235	1195	1208
Government and government enterprises	7753	7645	7662	7500	7425
Federal, civilian	2519	2444	2447	2478	2509
Military	199	186	190	188	186
State and local	5035	5015	5025	4834	4730
State government	708	728	735	709	688
Local government	4327	4287	4290	4125	4042
Total employment	30071	30064	30155	29034	29131

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

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	846495	852348	860023	861222	862272
Proprietors employment	228970	231044	231850	231184	235600
Farm proprietors employment	21547	21473	21405	21291	21372
Nonfarm proprietors employment	207423	209571	210445	209893	214228
By industry					
Farm employment	29208	28262	28866	29641	28633
Nonfarm employment	1046257	1055130	1063007	1062765	1069239
Private nonfarm employment	835402	845778	854438	854243	862954
Forestry, fishing, and related activities	5235	5675	5540	5819	5658
Mining	36857	38222	36655	31808	33725
Utilities	4652	4591	4684	4900	5099
Construction	59142	59584	59709	60012	62633
Manufacturing	35463	34022	34158	33188	33239
Wholesale trade	26688	28856	28502	25379	24946
Retail trade	112726	113923	114888	113636	111443
Transportation and warehousing	25502	25903	27243	26672	27060
Information	16059	15725	15588	16001	15339
Finance and insurance	35010	34783	34461	35684	36737
Real estate and rental and leasing	38414	39111	39660	39866	40634
Professional, scientific, and technical services	75919	76116	77542	77751	79601
Management of companies and enterprises	5502	5631	5877	6337	6449
Administrative and waste management services	54597	54370	52998	53887	55307
Educational services	16426	16736	16965	17026	17020
Health care and social assistance	123737	124796	129720	134269	134712
Arts, entertainment, and recreation	23734	24225	24245	24151	24831
Accommodation and food services	85494	88296	90192	92521	93037
Other services, except public administration	54245	55213	55811	55336	55484
Government and government enterprises	210855	209352	208569	208522	206285
Federal, civilian	30400	29452	29188	29385	29288
Military	18350	17518	16923	17159	17348
State and local	162105	162382	162458	161978	159649
State government	57772	58752	58962	58703	57617
Local government	104333	103630	103496	103275	102032
Total employment	1075465	1083392	1091873	1092406	1097872

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

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	141,932,000.00	144,722,000.00	147,635,000.00	149,904,000.00	151,825,000.00
Proprietors employment	40,393,100.00	41,513,800.00	42,682,800.00	43,464,900.00	44,307,200.00
Farm proprietors employment	1,856,000.00	1,842,000.00	1,832,000.00	1,823,000.00	1,812,000.00
Nonfarm proprietors employment	38,537,100.00	39,671,800.00	40,850,800.00	41,641,900.00	42,495,200.00
By industry					
Farm employment	2,645,000.00	2,645,000.00	2,649,000.00	2,643,000.00	2,631,000.00
Nonfarm employment	179,680,100.00	183,590,800.00	187,668,800.00	190,725,900.00	193,501,200.00
Private nonfarm employment	155,625,100.00	159,536,800.00	163,523,800.00	166,427,900.00	169,096,200.00
Forestry, fishing, and related activities	909,100.00	941,000.00	915,900.00	935,200.00	926,400.00
Mining	1,607,000.00	1,597,500.00	1,553,300.00	1,452,200.00	1,511,100.00
Utilities	578,300.00	580,600.00	597,400.00	622,000.00	663,500.00
Construction	9,237,800.00	9,564,300.00	9,844,900.00	10,322,100.00	10,634,600.00
Manufacturing	12,761,200.00	12,908,600.00	13,076,600.00	13,131,900.00	13,304,800.00
Wholesale trade	6,343,100.00	6,720,600.00	6,819,100.00	6,464,400.00	6,478,900.00
Retail trade	18,369,100.00	18,713,100.00	19,095,300.00	19,199,500.00	19,222,200.00
Transportation and warehousing	6,012,800.00	6,282,400.00	6,929,700.00	7,413,200.00	7,663,800.00
Information	3,264,600.00	3,327,000.00	3,316,400.00	3,384,900.00	3,384,400.00
Finance and insurance	9,815,300.00	9,621,000.00	9,844,600.00	10,187,400.00	10,510,200.00
Real estate and rental and leasing	8,056,800.00	8,405,800.00	8,668,300.00	8,868,200.00	9,105,900.00
Professional, scientific, and technical services	12,544,300.00	12,864,700.00	13,333,200.00	13,496,900.00	13,721,000.00
Management of companies and enterprises	2,265,000.00	2,360,300.00	2,425,500.00	2,603,800.00	2,667,400.00
Administrative and waste management services	11,366,900.00	11,719,200.00	11,770,600.00	12,033,600.00	12,088,500.00
Educational services	4,339,100.00	4,498,100.00	4,610,900.00	4,641,800.00	4,691,200.00
Health care and social assistance	20,499,200.00	20,798,400.00	21,351,100.00	21,817,100.00	22,201,200.00
Arts, entertainment, and recreation	4,043,800.00	4,223,300.00	4,220,100.00	4,363,100.00	4,455,500.00
Accommodation and food services	13,099,200.00	13,548,900.00	13,977,700.00	14,399,000.00	14,697,400.00
Other services, except public administration	10,512,500.00	10,862,000.00	11,173,200.00	11,091,600.00	11,168,200.00
Government and government enterprises	24,055,000.00	24,054,000.00	24,145,000.00	24,298,000.00	24,405,000.00
Federal, civilian	2,826,000.00	2,792,000.00	2,810,000.00	2,847,000.00	2,857,000.00
Military	2,032,000.00	1,975,000.00	1,956,000.00	1,927,000.00	1,929,000.00
State and local	19,197,000.00	19,287,000.00	19,379,000.00	19,524,000.00	19,619,000.00
State government	5,306,000.00	5,330,000.00	5,349,000.00	5,351,000.00	5,365,000.00
Local government	13,891,000.00	13,957,000.00	14,030,000.00	14,173,000.00	14,254,000.00
Total employment	182,325,100.00	186,235,800.00	190,317,800.00	193,368,900.00	196,132,200.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 7: McKinley County, New Mexico and United States Percent of Employment by Industry 2017			
	United States	New Mexico	McKinley County
By type			
Wage and salary employment	77.41	78.54	76.27
Proprietors employment	22.59	21.46	23.73
Farm proprietors employment	0.92	1.95	6.90
Nonfarm proprietors employment	21.67	19.51	16.82
By industry			
Farm employment	1.34	2.61	7.28
Nonfarm employment	98.66	97.39	92.72
Private nonfarm employment	86.22	78.60	67.23
Forestry, fishing, and related activities	0.47	0.52	0.00
Mining	0.77	3.07	0.00
Utilities	0.34	0.46	0.51
Construction	5.42	5.70	3.02
Manufacturing	6.78	3.03	4.39
Wholesale trade	3.30	2.27	4.72
Retail trade	9.80	10.15	12.70
Transportation and warehousing	3.91	2.46	2.26
Information	1.73	1.40	0.80
Finance and insurance	5.36	3.35	1.83
Real estate and rental and leasing	4.64	3.70	1.77
Professional, scientific, and technical services	7.00	7.25	1.48
Management of companies and enterprises	1.36	0.59	0.21
Administrative and waste management services	6.16	5.04	1.61
Educational services	2.39	1.55	0.97
Health care and social assistance	11.32	12.27	14.76
Arts, entertainment, and recreation	2.27	2.26	0.84
Accommodation and food services	7.49	8.47	10.77
Other services, except public administration	5.69	5.05	4.15
Government and government enterprises	12.44	18.79	25.49
Federal, civilian	1.46	2.67	8.61
Military	0.98	1.58	0.64
State and local	10.00	14.54	16.24
State government	2.74	5.25	2.36
Local government	7.27	9.29	13.88
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: McKinley County Percent of Employment by Sectors 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	73.66	72.16	73.30	76.49	76.27
Proprietors employment	26.34	27.84	26.70	23.51	23.73
Farm proprietors employment	6.85	6.83	6.68	6.90	6.90
Nonfarm proprietors employment	19.49	21.01	20.02	16.61	16.82
By industry					
Farm employment	7.24	7.16	7.05	7.33	7.28
Nonfarm employment	92.76	92.84	92.95	92.67	92.72
Private nonfarm employment	66.98	67.41	67.54	66.84	67.23
Forestry, fishing, and related activities	0.00	0.00	0.00	0.00	0.00
Mining	0.00	0.00	0.00	0.00	0.00
Utilities	0.51	0.51	0.50	0.52	0.51
Construction	3.00	2.89	3.24	3.35	3.02
Manufacturing	3.77	4.06	4.23	4.20	4.39
Wholesale trade	7.31	8.95	7.99	4.77	4.72
Retail trade	12.54	12.45	12.85	12.87	12.70
Transportation and warehousing	2.17	1.97	2.13	2.10	2.26
Information	0.83	0.78	0.73	0.79	0.80
Finance and insurance	1.69	1.77	1.74	1.86	1.83
Real estate and rental and leasing	1.49	1.62	1.68	1.83	1.77
Professional, scientific, and technical services	1.66	1.76	1.67	1.62	1.48
Management of companies and enterprises	0.20	0.20	0.24	0.19	0.21
Administrative and waste management services	1.57	1.61	1.65	1.58	1.61
Educational services	1.04	1.04	0.83	0.94	0.97
Health care and social assistance	13.33	12.74	13.14	14.22	14.76
Arts, entertainment, and recreation	0.86	0.87	0.78	0.83	0.84
Accommodation and food services	9.71	9.33	9.60	10.56	10.77
Other services, except public administration	4.65	4.39	4.10	4.12	4.15
Government and government enterprises	25.78	25.43	25.41	25.83	25.49
Federal, civilian	8.38	8.13	8.11	8.53	8.61
Military	0.66	0.62	0.63	0.65	0.64
State and local	16.74	16.68	16.66	16.65	16.24
State government	2.35	2.42	2.44	2.44	2.36
Local government	14.39	14.26	14.23	14.21	13.88
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 calculations

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