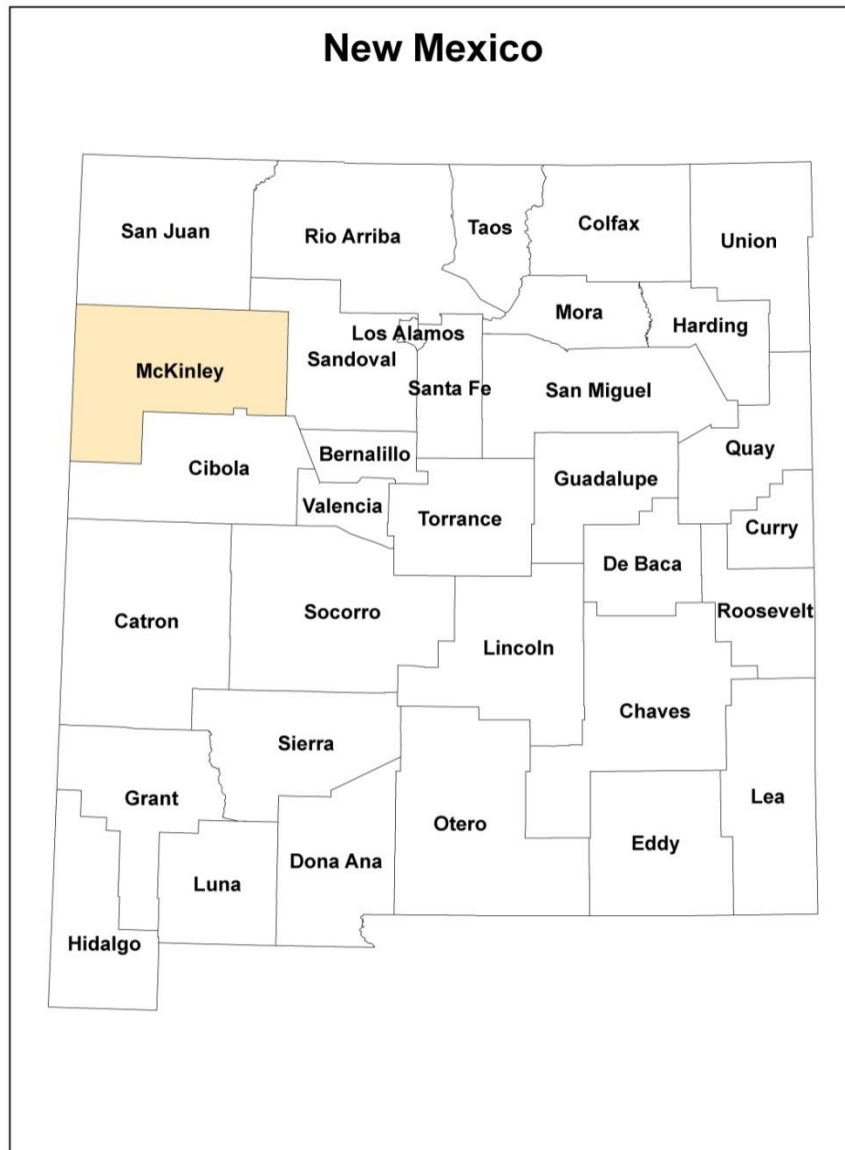


The Economic Base of McKinley County, NM

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

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Introduction

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

The reports have been prepared under the direction of James Peach. Erin Sumner, a graduate student in the NMSU Doctorate 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:

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

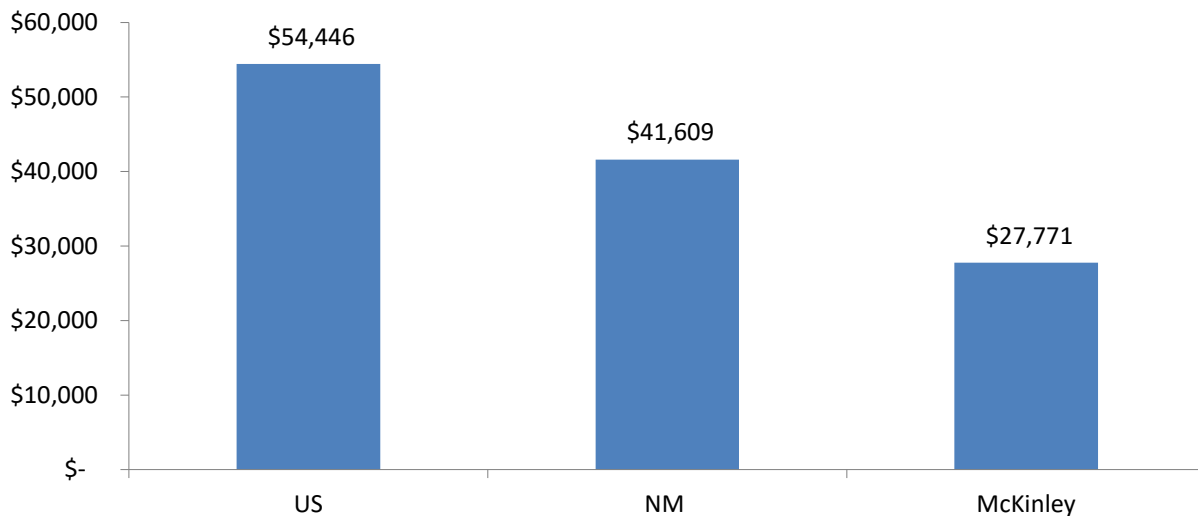
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

In this report, LQs are calculated for industries within 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 (2014-2018). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

McKinley County, New Mexico

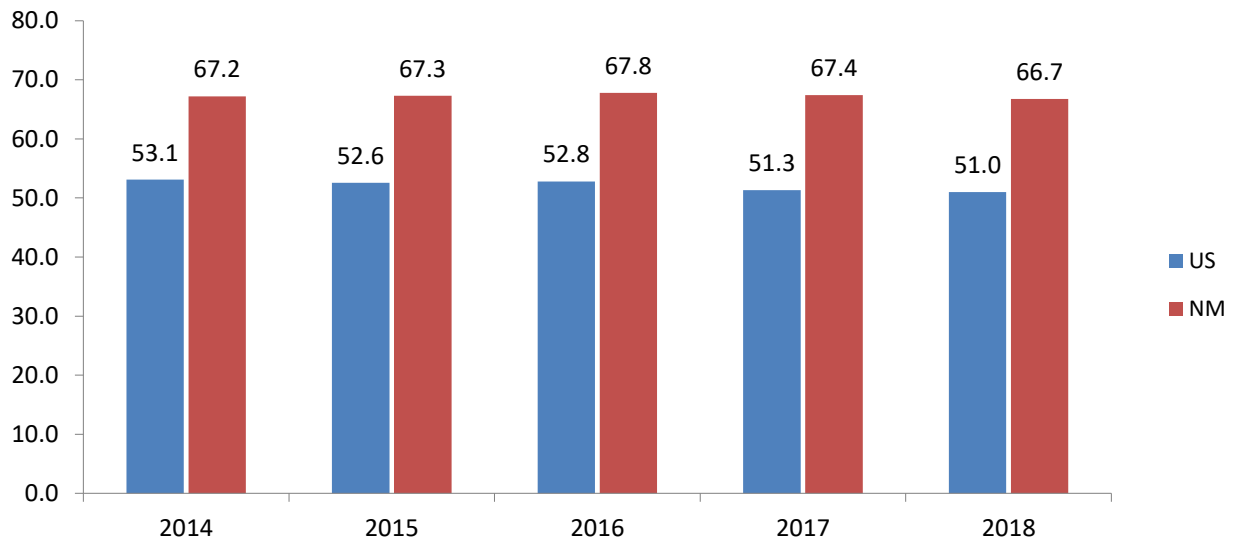
McKinley County is located in the north western section of New Mexico and contains 5,449.81 square miles, or 4.49 percent of the land area in the state. The population for McKinley County in 2018 was 72,290, or 3.45 percent of the state total, ranking 7th in terms of population. The City of Gallup had a population of 22,105 and represented 30.58 percent of total population for McKinley County in 2018. Between 2014 and 2018, the population of McKinley County decreased by 0.71 percent. During the same period, New Mexico's population increased by 0.24 percent and the United States population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: McKinley County (2018)



Per capita personal income in McKinley County in 2018 was \$27,771. Per capita income for McKinley County in 2018 represented 66.74 percent corresponding state figure of \$41,609 and 51.01 percent of the national average of \$54,446 (see Figure 2). Despite its low per capita income, the percentage growth for McKinley's per capita income between 2014 and 2018 was 11.15 percent. The percentage growth for the state between 2014 and 2018 was 11.91 percent and 15.70 percent for the nation.

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



Total employment in McKinley County was 28,710 in 2018. Between 2014 and 2018, total employment for McKinley County decreased by 4.55 percent, compared to the increase of New Mexico’s 2.93 percent growth rate and the nation’s 7.79 percent growth rate. The employment to population ratio for McKinley County was 0.40, significantly lower compared to the state’s ratio of 0.53 and nation’s ratio of 0.61. This ratio represents a low rate of population being employed.

In 2018, 67.63 percent of all workers in McKinley County were employed in the Private sector, while Government and Government Enterprises accounted for 25.06 percent and Farm employment accounted for 7.31 percent of total employment. Industries with the highest percentages of total employment included: Healthcare and Social Assistance (14.79), Retail Trade (12.63), Accommodation and Food Services (10.92), and Wholesale Trade (4.60). In the public sector, Local government and Federal/civilian employment were the largest employers in the public sector with 13.56 and 8.50 percent of total employment, respectively. State government employment accounted for 2.37 percent and Military for 0.63 percent. Employment for McKinley County by sector is displayed in Table 1.

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

Table 2 contains LQs for McKinley County from 2014 and 2018 calculated using data for the United States as basis for comparison. Table 3 contains LQs for McKinley County from 2014 and 2018 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with 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 an LQ of 5.63. This industry has experienced consistent growth during the years considered, with LQs steadily increasing. Wholesale Trade with an LQ of 1.44 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 an LQ of 1.45. 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.

Healthcare and Social Assistance is also considered a basic sector with an LQ of 1.31 in 2018. 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 Healthcare 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 an LQ of 1.31 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 2014 and 2018. The Utilities sector with an LQ of 1.84 in 2018 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 2018, one public sector industry with an LQ greater than 1.0 was Federal/civilian employment with an LQ of 5.99. This was considered a basic industry for McKinley County. This large LQ reflects the employment base of the Gallup

Indian Medical Center, part of the Indian Health Service. Local government had an LQ of 1.89. 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 2018 suggest that in McKinley County, the following industries are to be considered basic:

1. Agricultural sector with Farm employment, accounted for 2,098 jobs.
2. Wholesale Trade, accounted for 1,322 jobs.
3. Accommodation and Food Services, accounted for 3,136 jobs.
4. Healthcare and Social Assistance, accounted for 4,247 jobs.
5. Retail Trade, accounted for 3,627 jobs.
6. Federal/civilian employment, accounted for 2,441 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment in McKinley County by total employment in the basic sectors. In the case of McKinley County, the multiplier is equal to 1.70 (28,710 / 16,871). 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 2018 was 72,290, a 0.39 percent decrease from a population of 72,574 in 2017. Per capita income for McKinley County in 2018 was \$27,771, which was an increase of 4.26 percent from \$26,636 in 2017. Total employment for McKinley County decreased by 0.52 percent from 2017 to 2018, a decrease of 149 jobs.

Tables 1 to 10 appear on pages 8-17

Table 1: McKinley Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	21699	22097	22207	22225	22052
Proprietors employment	8378	8069	6851	6634	6658
Farm proprietors employment	2061	2031	2027	2011	1986
Nonfarm proprietors employment 2/	6317	6038	4824	4623	4672
By industry					
Farm employment	2163	2143	2152	2124	2098
Nonfarm employment	27914	28023	26906	26735	26612
Private nonfarm employment	20258	20366	19406	19313	19416
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	153	150	151	156	155
Construction	869	978	972	801	837
Manufacturing	1220	1276	1219	1093	1099
Wholesale trade	2690	2409	1385	1386	1322
Retail trade	3744	3874	3737	3679	3627
Transportation and warehousing	593	642	610	679	710
Information	234	221	228	234	232
Finance and insurance	533	526	541	532	526
Real estate and rental and leasing	487	506	532	485	498
Professional, scientific, and technical services	528	503	469	443	445
Management of companies and enterprises	61	72	56	48	54
Administrative and waste management services	484	497	459	515	633
Educational services	312	250	274	274	277
Health care and social assistance	3829	3962	4130	4244	4247
Arts, entertainment, and recreation	263	236	241	281	290
Accommodation and food services	2804	2894	3066	3168	3136
Other services, except public administration	1312	1234	1195	1176	1188
Government and government enterprises	7656	7657	7500	7422	7196
Federal, civilian	2444	2447	2478	2508	2441
Military	196	186	187	185	182
State and local	5016	5024	4835	4729	4573
State government	729	735	709	684	681
Local government	4287	4289	4126	4045	3892
Total employment	30,077	30,166	29,058	28,859	28,710

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

Table 2: Location Quotients for McKinley (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.93	0.94	0.99	1.00	1.00
Proprietors employment	1.25	1.19	1.05	1.01	1.00
Farm proprietors employment	6.94	7.01	7.42	7.61	7.76
Nonfarm proprietors employment	0.99	0.93	0.77	0.73	0.73
By industry					
Farm employment	5.07	5.11	5.43	5.53	5.63
Nonfarm employment	0.94	0.94	0.94	0.94	0.94
Private nonfarm employment	0.79	0.79	0.78	0.78	0.78
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	1.63	1.58	1.62	1.80	1.84
Construction	0.56	0.63	0.63	0.52	0.53
Manufacturing	0.59	0.62	0.62	0.56	0.57
Wholesale trade	2.48	2.23	1.43	1.46	1.44
Retail trade	1.24	1.28	1.30	1.30	1.31
Transportation and warehousing	0.58	0.58	0.55	0.54	0.53
Information	0.44	0.42	0.45	0.47	0.47
Finance and insurance	0.34	0.34	0.35	0.35	0.35
Real estate and rental and leasing	0.36	0.37	0.40	0.36	0.37
Professional, scientific, and technical services	0.25	0.24	0.23	0.22	0.22
Management of companies and enterprises	0.16	0.19	0.14	0.13	0.14
Administrative and waste management services	0.26	0.27	0.25	0.29	0.35
Educational services	0.43	0.34	0.39	0.40	0.41
Health care and social assistance	1.14	1.17	1.26	1.30	1.31
Arts, entertainment, and recreation	0.39	0.35	0.37	0.42	0.43
Accommodation and food services	1.28	1.31	1.42	1.46	1.45
Other services, except public administration	0.75	0.70	0.72	0.72	0.74
Government and government enterprises	1.97	2.00	2.05	2.07	2.05
Federal, civilian	5.42	5.49	5.79	5.99	5.99
Military	0.61	0.60	0.65	0.65	0.66
State and local	1.61	1.64	1.65	1.64	1.62
State government	0.85	0.87	0.88	0.87	0.88
Local government	1.90	1.93	1.94	1.94	1.89
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: Location Quotients for McKinley (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.92	0.93	0.97	0.98	0.98
Proprietors employment	1.31	1.26	1.11	1.07	1.08
Farm proprietors employment	3.45	3.41	3.54	3.56	3.63
Nonfarm proprietors employment	1.09	1.04	0.86	0.82	0.83
By industry					
Farm employment	2.75	2.67	2.71	2.78	2.84
Nonfarm employment	0.95	0.95	0.95	0.95	0.95
Private nonfarm employment	0.86	0.86	0.85	0.85	0.86
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	1.20	1.16	1.16	1.28	1.32
Construction	0.53	0.59	0.61	0.49	0.51
Manufacturing	1.29	1.35	1.38	1.28	1.27
Wholesale trade	3.36	3.06	2.05	2.11	2.09
Retail trade	1.18	1.22	1.24	1.26	1.26
Transportation and warehousing	0.82	0.85	0.86	0.86	0.84
Information	0.54	0.51	0.54	0.57	0.59
Finance and insurance	0.55	0.55	0.57	0.57	0.57
Real estate and rental and leasing	0.45	0.46	0.50	0.46	0.46
Professional, scientific, and technical services	0.25	0.23	0.23	0.21	0.21
Management of companies and enterprises	0.39	0.44	0.33	0.30	0.32
Administrative and waste management services	0.32	0.34	0.32	0.35	0.43
Educational services	0.67	0.53	0.61	0.61	0.63
Health care and social assistance	1.11	1.11	1.16	1.20	1.22
Arts, entertainment, and recreation	0.39	0.35	0.38	0.42	0.43
Accommodation and food services	1.14	1.16	1.25	1.29	1.28
Other services, except public administration	0.86	0.80	0.81	0.81	0.82
Government and government enterprises	1.32	1.33	1.35	1.37	1.36
Federal, civilian	2.99	3.03	3.17	3.26	3.28
Military	0.40	0.40	0.41	0.41	0.40
State and local	1.11	1.12	1.12	1.13	1.12
State government	0.45	0.45	0.45	0.45	0.46
Local government	1.49	1.50	1.50	1.51	1.48
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 4: McKinley, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	22,052	76.81
Proprietors employment	6,658	23.19
Farm proprietors employment	1,986	6.92
Nonfarm proprietors employment	4,672	16.27
By industry		
Farm employment	2,098	7.31
Nonfarm employment	26,612	92.69
Private nonfarm employment	19,416	67.63
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	155	0.54
Construction	837	2.92
Manufacturing	1,099	3.83
Wholesale trade	1,322	4.60
Retail trade	3,627	12.63
Transportation and warehousing	710	2.47
Information	232	0.81
Finance and insurance	526	1.83
Real estate and rental and leasing	498	1.73
Professional, scientific, and technical services	445	1.55
Management of companies and enterprises	54	0.19
Administrative and waste management services	633	2.20
Educational services	277	0.96
Health care and social assistance	4,247	14.79
Arts, entertainment, and recreation	290	1.01
Accommodation and food services	3,136	10.92
Other services, except public administration	1,188	4.14
Government and government enterprises	7,196	25.06
Federal, civilian	2,441	8.50
Military	182	0.63
State and local	4,573	15.93
State government	681	2.37
Local government	3,892	13.56
Total employment	28,710	100.00

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

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

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

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

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

Table 7: McKinley, New Mexico and United States Percent of Employment by Industry 2018

	United States	New Mexico	McKinley
By type			
Wage and salary employment	76.90	78.49	76.81
Proprietors employment	23.10	21.51	23.19
Farm proprietors employment	0.89	1.90	6.92
Nonfarm proprietors employment	22.21	19.61	16.27
By industry			
Farm employment	1.30	2.57	7.31
Nonfarm employment	98.70	97.43	92.69
Private nonfarm employment	86.48	78.99	67.63
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	0.54
Construction	5.47	5.77	2.92
Manufacturing	6.73	3.01	3.83
Wholesale trade	3.20	2.20	4.60
Retail trade	9.62	10.01	12.63
Transportation and warehousing	4.66	2.95	2.47
Information	1.72	1.37	0.81
Finance and insurance	5.18	3.23	1.83
Real estate and rental and leasing	4.73	3.75	1.73
Professional, scientific, and technical services	7.08	7.32	1.55
Management of companies and enterprises	1.33	0.58	0.19
Administrative and waste management services	6.21	5.16	2.20
Educational services	2.38	1.52	0.96
Health care and social assistance	11.27	12.16	14.79
Arts, entertainment, and recreation	2.33	2.33	1.01
Accommodation and food services	7.51	8.53	10.92
Other services, except public administration	5.61	5.05	4.14
Government and government enterprises	12.23	18.44	25.06
Federal, civilian	1.42	2.59	8.50
Military	0.96	1.58	0.63
State and local	9.85	14.27	15.93
State government	2.69	5.12	2.37
Local government	7.16	9.15	13.56
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 Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	72.14	73.25	76.42	77.01	76.81
Proprietors employment	27.86	26.75	23.58	22.99	23.19
Farm proprietors employment	6.85	6.73	6.98	6.97	6.92
Nonfarm proprietors employment	21.00	20.02	16.60	16.02	16.27
By industry					
Farm employment	7.19	7.10	7.41	7.36	7.31
Nonfarm employment	92.81	92.90	92.59	92.64	92.69
Private nonfarm employment	67.35	67.51	66.78	66.92	67.63
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	0.51	0.50	0.52	0.54	0.54
Construction	2.89	3.24	3.35	2.78	2.92
Manufacturing	4.06	4.23	4.20	3.79	3.83
Wholesale trade	8.94	7.99	4.77	4.80	4.60
Retail trade	12.45	12.84	12.86	12.75	12.63
Transportation and warehousing	1.97	2.13	2.10	2.35	2.47
Information	0.78	0.73	0.78	0.81	0.81
Finance and insurance	1.77	1.74	1.86	1.84	1.83
Real estate and rental and leasing	1.62	1.68	1.83	1.68	1.73
Professional, scientific, and technical services	1.76	1.67	1.61	1.54	1.55
Management of companies and enterprises	0.20	0.24	0.19	0.17	0.19
Administrative and waste management services	1.61	1.65	1.58	1.78	2.20
Educational services	1.04	0.83	0.94	0.95	0.96
Health care and social assistance	12.73	13.13	14.21	14.71	14.79
Arts, entertainment, and recreation	0.87	0.78	0.83	0.97	1.01
Accommodation and food services	9.32	9.59	10.55	10.98	10.92
Other services, except public administration	4.36	4.09	4.11	4.07	4.14
Government and government enterprises	25.45	25.38	25.81	25.72	25.06
Federal, civilian	8.13	8.11	8.53	8.69	8.50
Military	0.65	0.62	0.64	0.64	0.63
State and local	16.68	16.65	16.64	16.39	15.93
State government	2.42	2.44	2.44	2.37	2.37
Local government	14.25	14.22	14.20	14.02	13.56
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 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
By industry					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
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 2014-2018

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