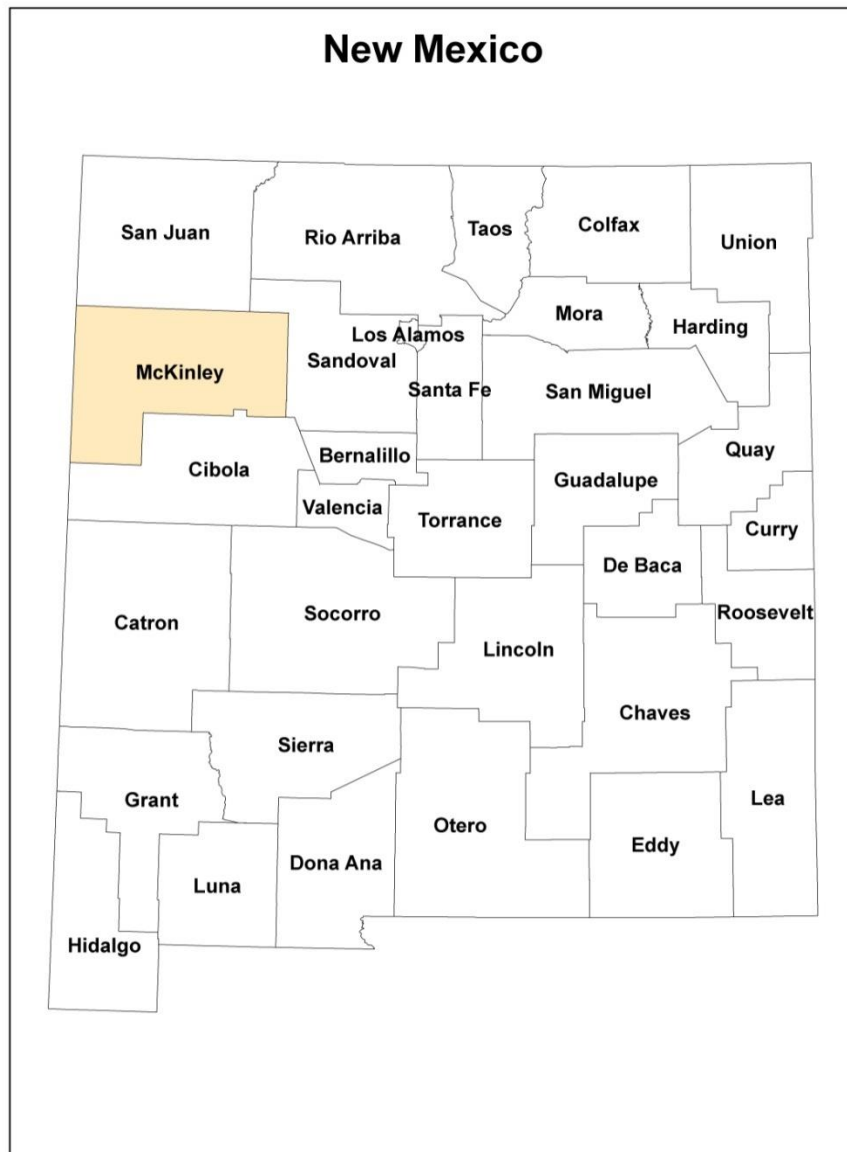




The Economic Base of McKinley County, NM

**PREPARED BY: The Office of Policy Analysis at Arrowhead Center,
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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, Director of the Office of Policy Analysis. Leonardo Delgado and Noel Martinez, 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. 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, a LQ for a single New Mexico industry (industry j) may be calculated as follows:

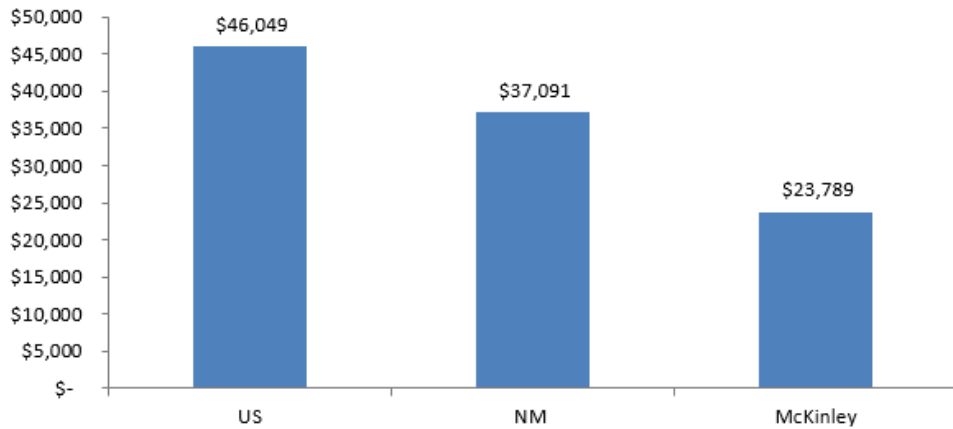
$$LQ = \frac{(\text{Employment in industry } j \text{ in NM} / \text{total employment in NM})}{(\text{Employment in industry } j \text{ in US} / \text{total employment in US})}$$

The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, 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, a 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 the industries within McKinley County with national employment as basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and the four preceding years (2010-2014). 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 2014 was 74,098, or 3.55 percent of the state total, ranking 7th in terms of population. The City of Gallup had a population of 22,189 and represented 29.95 percent of total population for McKinley County in 2014. Between 2010 and 2014, the population of McKinley County increased by 3.25 percent. During the same period, New Mexico's population increased by 1.0 percent and the United States population increased by 3.07 percent.

Figure 1. Per Capita Personal Income 2014



Per capita personal income in McKinley County in 2014 was \$23,789, ranking the county last with the lowest per capita income in the state (See Figure 1). Per capita income for McKinley County in 2014 represented 64.1 percent corresponding state figure of \$37,091 and 51.7 percent of the national average of \$46,049 (see Figure 2). Despite its low per capita income, the percentage growth for McKinley’s per capita income between 2010 and 2014 was 3.5 percent. The percentage growth for the state between 2010 and 2014 was of 12.33 percent and 14.33 percent for the nation.

Figure 2 : Per Capita Income of McKinley County as Percent of U.S. and New Mexico, 2010-2014



Total employment in McKinley County was 29,201 in 2014. Between 2010 and 2014, total employment for McKinley County decreased by 7.88 percent, compared to the New Mexico’s 2.20 percent growth and the nation’s employment growth of 7.38 percent. The employment to population ratio for McKinley County was 0.40, significantly lower compared to the state 0.52 and nation’s ratio 0.58. This ratio represents a low rate of population being employed.

In 2014, 64.73 percent of all workers in McKinley County were employed in the Private sector, while Government and government enterprises accounted for 27.51 percent, and Farm employment accounted for 7.76 percent of total employment. Industries with the highest percentages of total employment included: Health care and social assistance (13.53 percent), Retail trade (12.75), Wholesale trade (5.90), and Accommodation and food services (9.78). In the public sector, Local government and Federal/ civilian employment were the largest employers in the public sector with 15.43 and 8.81 percent of total employment, respectively. State government employment accounted for 2.58 percent and Military for 0.69 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 2010 and 2014 calculated using data for the United States as basis for comparison. Table 2 contains LQs for McKinley County from 2010 and 2014 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 5.45. This industry has experienced consistent growth during the years considered, with LQs steadily increasing. Wholesale trade with a LQ of 1.71 is also considered a basic industry for McKinley County, which implies that the county economy is dependent on its wholesale trade specialty. However, this industry has experienced some fluctuations in LQ with its maximum in 2011. Accommodation and food services is also to be considered a basic economic activity for McKinley County, with a LQ of 1.35 as well as contained LQs higher than 1.35 in all years considered. 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 1.21 in 2014. 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 1.27 is also considered a basic industry for McKinley County.

Mining had a LQ of 1.37 in 2007, reflecting the large importance of uranium mining in McKinley County. However, in 2010, LQs was below 1.0, at .64 reflecting the fast decline of the industry. Although

historically mining was important, it has declined and will no longer be considered a basic industry in McKinley County. Additionally, the employment data for Mining was undisclosed by the BEA between 2011 and 2014. The Utilities sector with a LQ of 1.70 in 2014 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 2014, the public sector industries with LQs greater than 1.0 included Federal/civilian employment with a LQ of 5.86, 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 2.05. 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 2014 suggest that in McKinley County, the following industries are to be considered basic:

1. Agricultural sector with farm employment, accounted for 2,155 jobs.
2. Wholesale trade, accounted for 1,638 jobs.
3. Accommodation and food services, accounted for 2,716 jobs.
4. Health care and social assistance, accounted for 3,759 jobs.
5. Retail trade, accounted for 3,542 jobs.
6. Federal civilian employment, accounted for 2,446 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 1.71 ($27,777 / 16,256$). This ratio suggests that the addition of each basic sector job in McKinley County would be associated with additional 1.71 non-basic sector jobs. The export base multiplier (1.71) 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 2014 was 74,098, a 1.04 percent increase from a population of 73,332 in 2013. Per capita income for McKinley County in 2014 was \$23,789, which was an increase of 3.93 percent from \$22,889 in 2013. 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 2011 to 2014. Wholesale trade has been the replacement industry for mining as this fundamental shift has occurred in McKinley County. Wholesale trade employment in 2014 was 1,648 or 5.9 percent of total employment.

Tables 1 to 10 appear on pages 7-16.

Table 1: Location Quotients for McKinley County (US Base) 2010-2014

US Base	2010	2011	2012	2013	2014
By type					
Wage and salary employment	0.98	0.97	1.00	1.01	1.00
Proprietors employment	1.07	1.09	1.00	0.97	1.00
Farm proprietors employment	6.44	6.74	6.90	7.20	7.46
Nonfarm proprietors employment	0.79	0.81	0.71	0.67	0.69
By industry					
Farm employment	4.80	5.01	5.10	5.33	5.45
Nonfarm employment	0.94	0.94	0.94	0.94	0.94
Private nonfarm employment	0.77	0.77	0.77	0.76	0.76
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.64	N/A	N/A	N/A	N/A
Utilities	1.60	1.59	1.68	1.70	1.70
Construction	0.66	0.59	0.60	0.59	0.58
Manufacturing	0.57	0.55	0.52	0.56	0.58
Wholesale trade	2.16	2.26	1.87	1.69	1.71
Retail trade	1.10	1.14	1.22	1.26	1.27
Transportation and warehousing	0.70	0.69	0.73	0.60	0.55
Information	0.50	0.50	0.50	0.47	0.47
Finance and insurance	0.28	0.28	0.27	0.30	0.32
Real estate and rental and leasing	0.24	0.22	0.22	0.25	0.28
Professional, scientific, and technical services	0.18	0.20	0.19	0.20	0.21
Management of companies and enterprises	0.22	0.17	0.17	0.15	0.15
Administrative and waste management services	0.25	0.24	0.23	0.25	0.25
Educational services	0.45	0.48	0.49	0.41	0.42
Health care and social assistance	1.24	1.25	1.23	1.21	1.21
Arts, entertainment, and recreation	N/A	N/A	N/A	0.35	0.35
Accommodation and food services	1.35	1.37	1.41	1.40	1.35
Other services, except public administration	0.72	0.73	0.71	0.66	0.67
Government and government enterprises	1.96	1.95	2.02	2.09	2.13
Federal, civilian	5.15	5.28	5.61	5.78	5.86
Military	0.53	0.58	0.60	0.64	0.64
State and local	1.61	1.59	1.63	1.70	1.74
State government	0.77	0.78	0.82	0.87	0.91
Local government	1.93	1.90	1.94	2.02	2.05
Total employment	1.00	1.00	1.00	1.00	1.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

Table 2: Location Quotients for McKinley County (NM Base) 2010-2014

NM Based	2010	2011	2012	2013	2014
By type					
Wage and salary employment	0.97	0.96	0.99	0.99	0.99
Proprietors employment	1.11	1.14	1.03	1.02	1.04
Farm proprietors employment	3.89	3.69	3.53	3.95	3.73
Nonfarm proprietors employment	0.85	0.89	0.77	0.74	0.76
By industry					
Farm employment	3.02	2.92	2.81	3.14	2.97
Nonfarm employment	0.95	0.95	0.95	0.95	0.95
Private nonfarm employment	0.84	0.85	0.84	0.84	0.83
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.18	N/A	N/A	N/A	N/A
Utilities	1.25	1.22	1.27	1.27	1.25
Construction	0.58	0.53	0.55	0.54	0.54
Manufacturing	1.22	1.15	1.09	1.17	1.27
Wholesale trade	2.98	3.19	2.67	2.40	2.44
Retail trade	1.08	1.11	1.18	1.22	1.22
Transportation and warehousing	1.01	0.98	1.01	0.86	0.77
Information	0.58	0.59	0.58	0.56	0.58
Finance and insurance	0.46	0.46	0.45	0.48	0.52
Real estate and rental and leasing	0.28	0.26	0.26	0.29	0.34
Professional, scientific, and technical services	0.17	0.19	0.19	0.19	0.21
Management of companies and enterprises	0.50	0.39	0.41	0.37	0.38
Administrative and waste management services	0.30	0.28	0.29	0.30	0.31
Educational services	0.67	0.74	0.76	0.59	0.64
Health care and social assistance	1.21	1.21	1.20	1.19	1.17
Arts, entertainment, and recreation	N/A	N/A	N/A	0.35	0.36
Accommodation and food services	1.22	1.24	1.28	1.30	1.20
Other services, except public administration	0.80	0.82	0.81	0.80	0.77
Government and government enterprises	1.36	1.34	1.36	1.37	1.43
Federal, civilian	2.84	2.85	3.03	2.93	3.23
Military	0.40	0.40	0.40	0.42	0.42
State and local	1.16	1.14	1.15	1.17	1.21
State government	0.42	0.43	0.44	0.46	0.48
Local government	1.58	1.53	1.53	1.56	1.61
Total employment	1.0	1.0	1.0	1.0	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 3: McKinley County Total Employment by Industry 2014		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	21,667	78.00
Proprietors employment	6,110	22.00
Farm proprietors employment	2,053	7.39
Nonfarm proprietors employment	4,057	14.61
By industry		
Farm employment	2,155	7.76
Nonfarm employment	25,622	92.24
Private nonfarm employment	17,981	64.73
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	148	0.53
Construction	830	2.99
Manufacturing	1,135	4.09
Wholesale trade	1,638	5.90
Retail trade	3,542	12.75
Transportation and warehousing	514	1.85
Information	233	0.84
Finance and insurance	471	1.70
Real estate and rental and leasing	339	1.22
Professional, scientific, and technical services	404	1.45
Management of companies and enterprises	53	0.19
Administrative and waste management services	441	1.59
Educational services	278	1.00
Health care and social assistance	3,759	13.53
Arts, entertainment, and recreation	219	0.79
Accommodation and food services	2,716	9.78
Other services, except public administration	1,096	3.95
Government and government enterprises	7,641	27.51
Federal, civilian	2,446	8.81
Military	191	0.69
State and local	5,004	18.01
State government	717	2.58
Local government	4,287	15.43
Total employment	27,777	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 4: McKinley County Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	22,962	22,467	22,580	22,063	21,667
Proprietors employment	6,959	7,224	6,340	6,061	6,110
Farm proprietors employment	2,096	2,131	2,055	2,061	2,053
Nonfarm proprietors employment 2/	4,863	5,093	4,285	4,000	4,057
By industry					
Farm employment	2,187	2,227	2,159	2,176	2,155
Nonfarm employment	27,734	27,464	26,761	25,948	25,622
Private nonfarm employment	19,386	19,486	18,914	18,195	17,981
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	140	(D)	(D)	(D)	(D)
Utilities	161	154	157	152	148
Construction	1,000	876	863	846	830
Manufacturing	1,189	1,148	1,050	1,096	1,135
Wholesale trade	2,255	2,350	1,889	1,648	1,638
Retail trade	3,357	3,454	3,562	3,584	3,542
Transportation and warehousing	664	664	696	552	514
Information	278	272	261	239	233
Finance and insurance	452	459	428	449	471
Real estate and rental and leasing	319	292	276	310	339
Professional, scientific, and technical services	373	404	383	396	404
Management of companies and enterprises	76	60	61	53	53
Administrative and waste management services	453	434	416	442	441
Educational services	315	334	330	273	278
Health care and social assistance	4,081	4,095	3,998	3,831	3,759
Arts, entertainment, and recreation	(D)	175	205	217	219
Accommodation and food services	2,801	2,843	2,883	2,837	2,716
Other services, except public administration	1,218	1,265	1,199	1,073	1,096
Government and government enterprises	8,348	7,978	7,847	7,753	7,641
Federal, civilian	2,702	2,597	2,604	2,518	2,446
Military	192	203	199	200	191
State and local	5,454	5,178	5,044	5,035	5,004
State government	708	694	692	709	717
Local government	4,746	4,484	4,352	4,326	4,287
Total employment	29,921	29,691	28,920	28,124	27,777

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 5: New Mexico Employment by Industry 2010-2014					
Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	837,320	837,281	839,789	846,885	853,031
Proprietors employment	222,287	226,512	226,191	226,600	229,851
Farm proprietors employment	19,083	20,715	21,436	21,547	21,470
Nonfarm proprietors employment	203,204	205,797	204,755	205,053	208,381
By industry					
Farm employment	25,630	27,323	28,370	29,218	28,250
Nonfarm employment	1,033,977	1,036,470	1,037,610	1,044,267	1,054,632
Private nonfarm employment	816,542	822,659	825,711	833,413	845,765
Forestry, fishing, and related activities	5,215	5,237	5,149	5,260	5,641
Mining	27,022	28,356	34,227	36,850	39,435
Utilities	4,565	4,508	4,542	4,623	4,612
Construction	61,238	59,293	57,937	59,216	59,945
Manufacturing	34,537	35,613	35,664	35,444	34,774
Wholesale trade	26,801	26,373	26,083	26,136	26,159
Retail trade	110,226	111,331	111,668	112,557	113,598
Transportation and warehousing	23,351	24,281	25,294	25,408	26,133
Information	17,114	16,469	16,468	16,070	15,567
Finance and insurance	34,550	35,451	35,046	34,666	35,153
Real estate and rental and leasing	39,916	39,833	38,412	38,437	38,678
Professional, scientific, and technical services	78,331	77,473	76,057	75,807	76,505
Management of companies and enterprises	5,406	5,504	5,457	5,514	5,504
Administrative and waste management services	54,266	54,742	53,383	54,572	54,708
Educational services	16,734	16,208	16,094	16,326	16,855
Health care and social assistance	119,378	121,489	123,078	123,434	125,250
Arts, entertainment, and recreation	22,981	23,007	23,586	23,621	23,803
Accommodation and food services	81,122	82,309	83,126	85,409	87,918
Other services, except public administration	53,789	55,182	54,440	54,063	55,527
Government and government enterprises	217,435	213,811	211,899	210,854	208,867
Federal, civilian	33,728	32,611	31,631	30,389	29,538
Military	17,136	18,057	18,178	18,350	17,563
State and local	166,571	163,143	162,090	162,115	161,766
State government	60,408	58,306	57,523	57,775	58,152
Local government	106,163	104,837	104,567	104,340	103,614
Total employment	1,059,607	1,063,793	1,065,980	1,073,485	1,082,882

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 6: United States Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	135,526,000	137,105,000	139,721,000	141,997,000	144,891,000
Proprietors employment	37,508,700	39,173,700	39,360,700	40,393,100	40,907,800
Farm proprietors employment	1,882,000	1,876,000	1,844,000	1,856,000	1,841,000
Nonfarm proprietors employment	35,626,700	37,297,700	37,516,700	38,537,100	39,066,800
By industry					
Farm employment	2,636,000	2,639,000	2,623,000	2,646,000	2,643,000
Nonfarm employment	170,398,700	173,639,700	176,458,700	179,744,100	183,155,800
Private nonfarm employment	145,726,700	149,350,700	152,356,700	155,707,100	159,125,800
Forestry, fishing, and related activities	855,400	860,600	886,400	913,100	937,000
Mining	1,268,000	1,244,000	1,551,200	1,605,000	1,692,000
Utilities	582,200	575,500	577,600	578,300	582,400
Construction	8,793,700	8,774,800	8,944,800	9,260,800	9,610,400
Manufacturing	12,102,900	12,385,700	12,605,200	12,765,200	12,993,400
Wholesale trade	6,024,000	6,160,300	6,243,500	6,342,100	6,419,700
Retail trade	17,591,600	17,954,300	18,085,800	18,391,100	18,710,900
Transportation and warehousing	5,474,200	5,684,800	5,872,400	6,004,800	6,225,000
Information	3,222,600	3,230,000	3,224,700	3,266,600	3,302,000
Finance and insurance	9,202,400	9,751,500	9,702,300	9,817,300	9,833,100
Real estate and rental and leasing	7,697,000	7,936,300	7,859,200	8,062,800	8,135,100
Professional, scientific, and technical services	11,755,800	11,970,100	12,211,200	12,540,300	12,822,700
Management of companies and enterprises	2,019,400	2,080,600	2,180,200	2,264,000	2,336,000
Administrative and waste management services	10,402,200	10,753,600	11,035,400	11,380,900	11,734,900
Educational services	4,089,900	4,122,600	4,198,200	4,325,100	4,439,000
Health care and social assistance	19,089,900	19,417,200	20,112,500	20,486,200	20,832,900
Arts, entertainment, and recreation	3,788,400	3,873,300	3,980,900	4,048,800	4,149,400
Accommodation and food services	11,986,300	12,343,400	12,670,500	13,103,200	13,476,300
Other services, except public administration	9,780,800	10,232,100	10,414,700	10,551,500	10,893,600
Government and government enterprises	24,672,000	24,289,000	24,102,000	24,037,000	24,030,000
Federal, civilian	3,035,000	2,918,000	2,875,000	2,825,000	2,790,000
Military	2,100,000	2,081,000	2,056,000	2,032,000	1,982,000
State and local	19,537,000	19,290,000	19,171,000	19,180,000	19,258,000
State government	5,293,000	5,266,000	5,254,000	5,263,000	5,280,000
Local government	14,244,000	14,024,000	13,917,000	13,917,000	13,978,000
Total employment	173,034,700	176,278,700	179,081,700	182,390,100	185,798,800

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 7: McKinley County, New Mexico and United States Percent of Employment by Industry 2014			
	United States	New Mexico	McKinley County
By type			
Wage and salary employment	77.98	78.77	78.00
Proprietors employment	22.02	21.23	22.00
Farm proprietors employment	0.99	1.98	7.39
Nonfarm proprietors employment	21.03	19.24	14.61
By industry	0.00		
Farm employment	1.42	2.61	7.76
Nonfarm employment	98.58	97.39	92.24
Private nonfarm employment	85.64	78.10	64.73
Forestry, fishing, and related activities	0.50	0.52	N/A
Mining	0.91	3.64	N/A
Utilities	0.31	0.43	0.53
Construction	5.17	5.54	2.99
Manufacturing	6.99	3.21	4.09
Wholesale trade	3.46	2.42	5.90
Retail trade	10.07	10.49	12.75
Transportation and warehousing	3.35	2.41	1.85
Information	1.78	1.44	0.84
Finance and insurance	5.29	3.25	1.70
Real estate and rental and leasing	4.38	3.57	1.22
Professional, scientific, and technical services	6.90	7.06	1.45
Management of companies and enterprises	1.26	0.51	0.19
Administrative and waste management services	6.32	5.05	1.59
Educational services	2.39	1.56	1.00
Health care and social assistance	11.21	11.57	13.53
Arts, entertainment, and recreation	2.23	2.20	0.79
Accommodation and food services	7.25	8.12	9.78
Other services, except public administration	5.86	5.13	3.95
Government and government enterprises	12.93	19.29	27.51
Federal, civilian	1.50	2.73	8.81
Military	1.07	1.62	0.69
State and local	10.36	14.94	18.01
State government	2.84	5.37	2.58
Local government	7.52	9.57	15.43
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 8: McKinley County Percent of Employment by Sectors 2010-2014

Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	76.74	75.67	78.08	78.45	78.00
Proprietors employment	23.26	24.33	21.92	21.55	22.00
Farm proprietors employment	7.01	7.18	7.11	7.33	7.39
Nonfarm proprietors employment	16.25	17.15	14.82	14.22	14.61
By industry					
Farm employment	7.31	7.50	7.47	7.74	7.76
Nonfarm employment	92.69	92.50	92.53	92.26	92.24
Private nonfarm employment	64.79	65.63	65.40	64.70	64.73
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.47	N/A	N/A	N/A	N/A
Utilities	0.54	0.52	0.54	0.54	0.53
Construction	3.34	2.95	2.98	3.01	2.99
Manufacturing	3.97	3.87	3.63	3.90	4.09
Wholesale trade	7.54	7.91	6.53	5.86	5.90
Retail trade	11.22	11.63	12.32	12.74	12.75
Transportation and warehousing	2.22	2.24	2.41	1.96	1.85
Information	0.93	0.92	0.90	0.85	0.84
Finance and insurance	1.51	1.55	1.48	1.60	1.70
Real estate and rental and leasing	1.07	0.98	0.95	1.10	1.22
Professional, scientific, and technical services	1.25	1.36	1.32	1.41	1.45
Management of companies and enterprises	0.25	0.20	0.21	0.19	0.19
Administrative and waste management services	1.51	1.46	1.44	1.57	1.59
Educational services	1.05	1.12	1.14	0.97	1.00
Health care and social assistance	13.64	13.79	13.82	13.62	13.53
Arts, entertainment, and recreation	N/A	N/A	N/A	0.77	0.79
Accommodation and food services	9.36	9.58	9.97	10.09	9.78
Other services, except public administration	4.07	4.26	4.15	3.82	3.95
Government and government enterprises	27.90	26.87	27.13	27.57	27.51
Federal, civilian	9.03	8.75	9.00	8.95	8.81
Military	0.64	0.68	0.69	0.71	0.69
State and local	18.23	17.44	17.44	17.90	18.01
State government	2.37	2.34	2.39	2.52	2.58
Local government	15.86	15.10	15.05	15.38	15.43
Total employment	100.00	100.00	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

Table 9: New Mexico Percent of Employment by Industry 2010 - 2014

Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	79.02	78.71	78.78	78.89	78.77
Proprietors employment	20.98	21.29	21.22	21.11	21.23
Farm proprietors employment	1.80	1.95	2.01	2.01	1.98
Nonfarm proprietors employment	19.18	19.35	19.21	19.10	19.24
By industry					
Farm employment	2.42	2.57	2.66	2.72	2.61
Nonfarm employment	97.58	97.43	97.34	97.28	97.39
Private nonfarm employment	77.06	77.33	77.46	77.64	78.10
Forestry, fishing, and related activities	0.49	0.49	0.48	0.49	0.52
Mining	2.55	2.67	3.21	3.43	3.64
Utilities	0.43	0.42	0.43	0.43	0.43
Construction	5.78	5.57	5.44	5.52	5.54
Manufacturing	3.26	3.35	3.35	3.30	3.21
Wholesale trade	2.53	2.48	2.45	2.43	2.42
Retail trade	10.40	10.47	10.48	10.49	10.49
Transportation and warehousing	2.20	2.28	2.37	2.37	2.41
Information	1.62	1.55	1.54	1.50	1.44
Finance and insurance	3.26	3.33	3.29	3.23	3.25
Real estate and rental and leasing	3.77	3.74	3.60	3.58	3.57
Professional, scientific, and technical services	7.39	7.28	7.13	7.06	7.06
Management of companies and enterprises	0.51	0.52	0.51	0.51	0.51
Administrative and waste management services	5.12	5.15	5.01	5.08	5.05
Educational services	1.58	1.52	1.51	1.52	1.56
Health care and social assistance	11.27	11.42	11.55	11.50	11.57
Arts, entertainment, and recreation	2.17	2.16	2.21	2.20	2.20
Accommodation and food services	7.66	7.74	7.80	7.96	8.12
Other services, except public administration	5.08	5.19	5.11	5.04	5.13
Government and government enterprises	20.52	20.10	19.88	19.64	19.29
Federal, civilian	3.18	3.07	2.97	2.83	2.73
Military	1.62	1.70	1.71	1.71	1.62
State and local	15.72	15.34	15.21	15.10	14.94
State government	5.70	5.48	5.40	5.38	5.37
Local government	10.02	9.86	9.81	9.72	9.57
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculations

Table 10: United States Percent of Employment by Industry 2010-2014					
Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	78.32	77.78	78.02	77.85	77.98
Proprietors employment	21.68	22.22	21.98	22.15	22.02
Farm proprietors employment	1.09	1.06	1.03	1.02	0.99
Nonfarm proprietors employment	20.59	21.16	20.95	21.13	21.03
By industry					
Farm employment	1.52	1.50	1.46	1.45	1.42
Nonfarm employment	98.48	98.50	98.54	98.55	98.58
Private nonfarm employment	84.22	84.72	85.08	85.37	85.64
Forestry, fishing, and related activities	0.49	0.49	0.49	0.50	0.50
Mining	0.73	0.71	0.87	0.88	0.91
Utilities	0.34	0.33	0.32	0.32	0.31
Construction	5.08	4.98	4.99	5.08	5.17
Manufacturing	6.99	7.03	7.04	7.00	6.99
Wholesale trade	3.48	3.49	3.49	3.48	3.46
Retail trade	10.17	10.19	10.10	10.08	10.07
Transportation and warehousing	3.16	3.22	3.28	3.29	3.35
Information	1.86	1.83	1.80	1.79	1.78
Finance and insurance	5.32	5.53	5.42	5.38	5.29
Real estate and rental and leasing	4.45	4.50	4.39	4.42	4.38
Professional, scientific, and technical services	6.79	6.79	6.82	6.88	6.90
Management of companies and enterprises	1.17	1.18	1.22	1.24	1.26
Administrative and waste management services	6.01	6.10	6.16	6.24	6.32
Educational services	2.36	2.34	2.34	2.37	2.39
Health care and social assistance	11.03	11.02	11.23	11.23	11.21
Arts, entertainment, and recreation	2.19	2.20	2.22	2.22	2.23
Accommodation and food services	6.93	7.00	7.08	7.18	7.25
Other services, except public administration	5.65	5.80	5.82	5.79	5.86
Government and government enterprises	14.26	13.78	13.46	13.18	12.93
Federal, civilian	1.75	1.66	1.61	1.55	1.50
Military	1.21	1.18	1.15	1.11	1.07
State and local	11.29	10.94	10.71	10.52	10.36
State government	3.06	2.99	2.93	2.89	2.84
Local government	8.23	7.96	7.77	7.63	7.52
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation