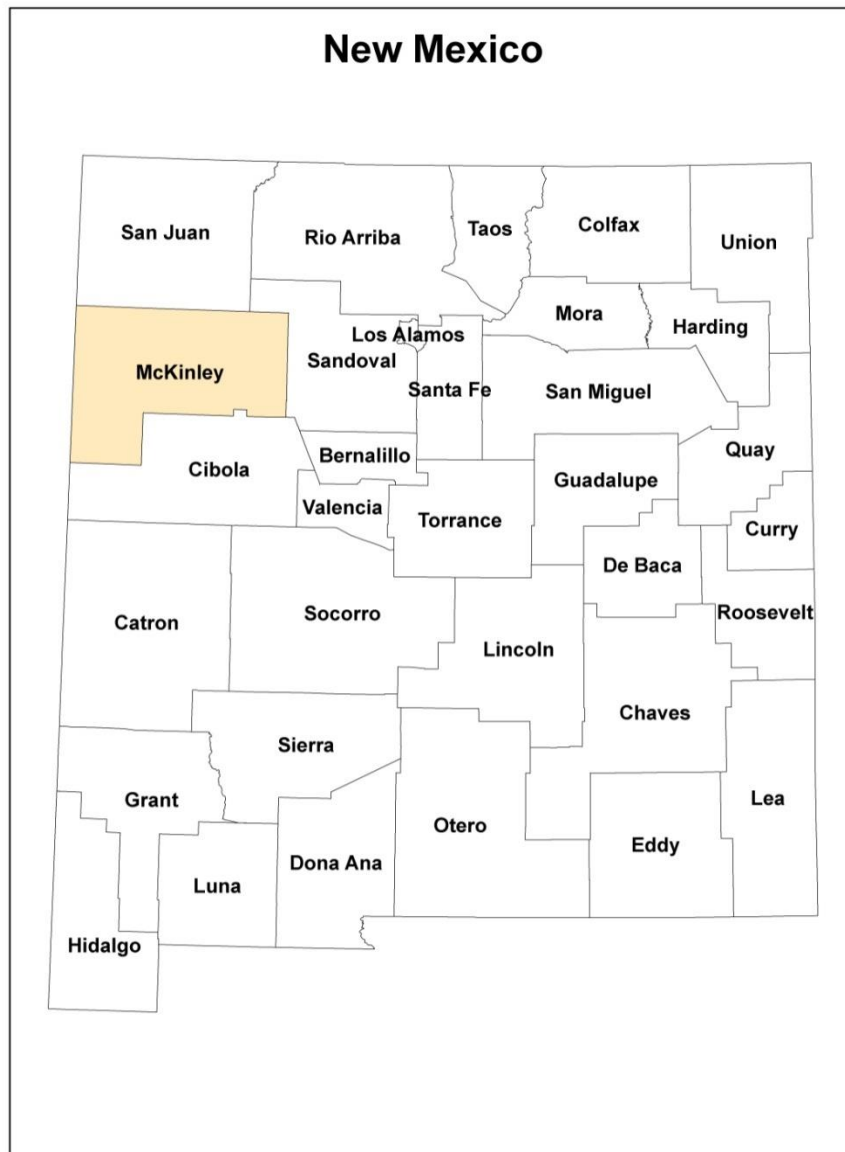




The Economic Base of McKinley County, NM

**PREPARED BY: The Office of Policy Analysis at Arrowhead Center,
New Mexico State University**

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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:

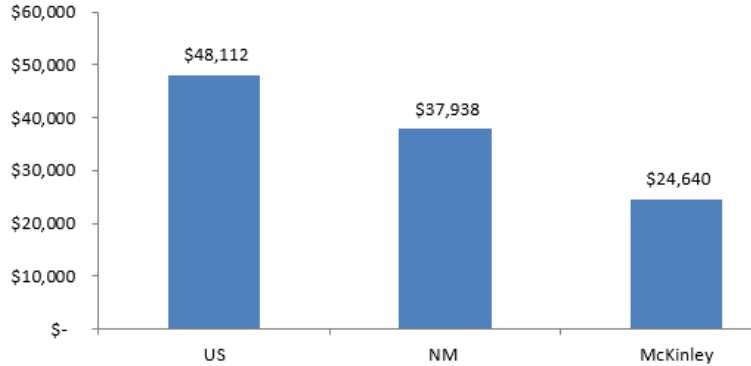
$$LQ = \frac{(\text{Employment in industry } j \text{ in NM} / \text{total employment in NM})}{(\text{Employment in industry } j \text{ in US} / \text{total employment in US})}$$

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 (2011-2015). 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

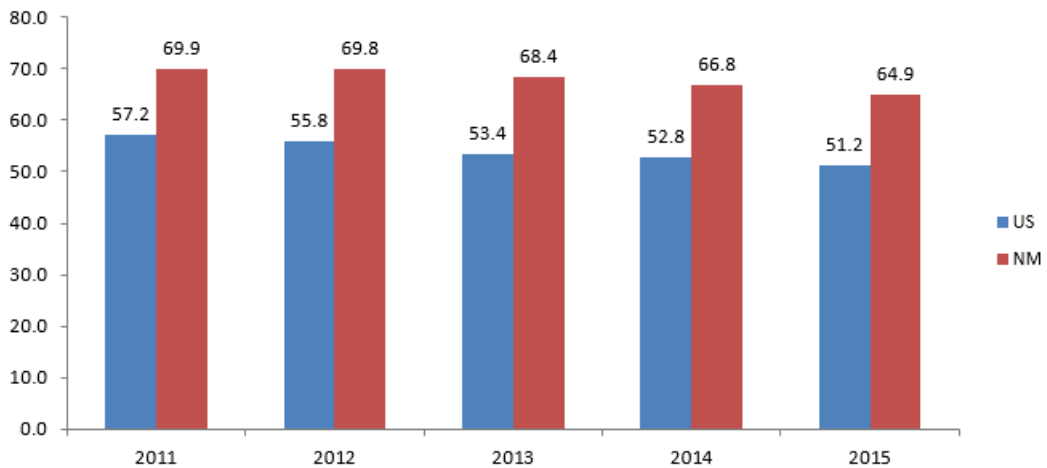
McKinley County is located in the north western section of New Mexico and contains 5,449.81 square miles, or 4.49 percent of the land area in the state. The population for McKinley County in 2015 was 76,708, or 3.68 percent of the state total, ranking 6th in terms of population. The City of Gallup had a population of 23,244 and represented 30.30 percent of total population for McKinley County in 2015. Between 2011 and 2015, the population of McKinley County increased by 4.37 percent. During the same period, New Mexico's population increased by .33 percent and the United States population increased by 3.11 percent.

Figure 1. Per Capita Personal Income: McKinley County (2015)



Per capita personal income in McKinley County in 2015 was \$24,640, ranking the county last with the lowest per capita income in the state (See Figure 1). Per capita income for McKinley County in 2015 represented 64.9 percent corresponding state figure of \$37,938 and 51.2 percent of the national average of \$48,112 (see Figure 2). Despite its low per capita income, the percentage growth for McKinley’s per capita income between 2011 and 2015 was 1.5 percent. The percentage growth for the state between 2011 and 2015 was of 9.24 percent and 13.33 percent for the nation.

Figure 2 : Per Capita Income of McKinley County as Percent of U.S. and New Mexico 2011-2015



Total employment in McKinley County was 30,430 in 2015. Between 2011 and 2015, total employment for McKinley County decreased by 1.69 percent, compared to the New Mexico’s increase of 2.88 percent growth and the nation’s employment growth of 7.89 percent. The employment to population ratio for McKinley County was 0.39, significantly lower compared to the state 0.53 and nation’s ratio 0.59. This ratio represents a low rate of population being employed.

In 2015, 67.87 percent of all workers in McKinley County were employed in the Private sector, while Government and government enterprises accounted for 25.19 percent, and Farm employment accounted for 6.94 percent of total employment. Industries with the highest percentages of total employment included: Health care and social assistance (13.04 percent), Retail trade (12.43), Wholesale trade (8.75), and Accommodation and food services (9.62). In the public sector, Local government and Federal/ civilian employment were the largest employers in the public sector with 14.08 and 8.04 percent of total employment, respectively. State government employment accounted for 2.41 percent and Military for 0.65 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 2011 to 2015 calculated using data for the United States as basis for comparison. Table 2 contains LQs for McKinley County from 2011 to 2015 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 5.0. This industry has experienced consistent growth during the years considered, with LQs above 4.81 for all years considered. Wholesale trade with a LQ of 2.45 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 1.30 as well as contained LQs higher than 1.30 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 1.16 in 2015. 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 1.23 is also considered a basic industry for McKinley County.

Mining in the past has been considered a basic industry. However, 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 2015. The

Utilities sector with a LQ of 1.64 in 2015 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 2015, the public sector industries with LQs greater than 1.0 included Federal/civilian employment with a LQ of 5.44, 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 1.90. 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 2015 suggest that in McKinley County, the following industries are to be considered basic:

1. Agricultural sector with farm employment, accounted for 2,112 jobs.
2. Wholesale trade, accounted for 2,664 jobs.
3. Accommodation and food services, accounted for 2,928 jobs.
4. Health care and social assistance, accounted for 3,969 jobs.
5. Retail trade, accounted for 3,783 jobs.
6. Federal civilian employment, accounted for 2,448 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 1.69 (30,430 / 17,904). This ratio suggests that the addition of each basic sector job in McKinley County would be associated with additional 1.69 non-basic sector jobs. The export base multiplier (1.69) 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 2015 was 76,708, a 3.88 percent increase from a population of 73,846 in 2014. Per capita income for McKinley County in 2015 was \$24,640, which was an increase of .59 percent from \$24,495 in 2014.

Tables 1 to 10 appear on pages 7-16.

Table 1: Location Quotients for McKinley County (US Base) 2011-2015

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.93	0.95	0.95	0.94	0.93
Proprietors employment	1.23	1.18	1.19	1.20	1.24
Farm proprietors employment	6.47	6.55	6.75	6.85	6.85
Nonfarm proprietors employment	0.97	0.91	0.92	0.94	0.98
By industry					
Farm employment	4.81	4.84	5.00	5.02	5.00
Nonfarm employment	0.94	0.94	0.94	0.94	0.94
Private nonfarm employment	0.79	0.79	0.78	0.78	0.79
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	1.55	1.60	1.60	1.65	1.64
Construction	0.60	0.61	0.59	0.57	0.60
Manufacturing	0.55	0.52	0.54	0.60	0.60
Wholesale trade	2.28	2.15	2.10	2.17	2.45
Retail trade	1.16	1.21	1.25	1.26	1.23
Transportation and warehousing	0.68	0.71	0.58	0.52	0.53
Information	0.51	0.48	0.46	0.45	0.41
Finance and insurance	0.30	0.29	0.31	0.35	0.34
Real estate and rental and leasing	0.34	0.33	0.34	0.37	0.36
Professional, scientific, and technical services	0.23	0.22	0.24	0.26	0.24
Management of companies and enterprises	0.15	0.18	0.17	0.16	0.16
Administrative and waste management services	0.25	0.24	0.25	0.26	0.27
Educational services	0.52	0.53	0.44	0.44	0.40
Health care and social assistance	1.25	1.22	1.19	1.16	1.16
Arts, entertainment, and recreation	0.33	0.38	0.39	0.39	0.38
Accommodation and food services	1.33	1.36	1.35	1.30	1.30
Other services, except public administration	0.80	0.79	0.81	0.76	0.77
Government and government enterprises	1.87	1.91	1.96	2.01	1.98
Federal, civilian	5.07	5.32	5.42	5.52	5.44
Military	0.56	0.57	0.60	0.60	0.63
State and local	1.53	1.55	1.59	1.64	1.62
State government	0.75	0.77	0.82	0.87	0.86
Local government	1.82	1.84	1.89	1.93	1.90
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) 2011-2015

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.92	0.94	0.93	0.93	0.92
Proprietors employment	1.28	1.21	1.24	1.26	1.28
Farm proprietors employment	3.54	3.36	3.43	3.44	3.38
Nonfarm proprietors employment	1.06	0.99	1.01	1.04	1.07
By industry					
Farm employment	2.81	2.67	2.67	2.74	2.64
Nonfarm employment	0.95	0.95	0.95	0.95	0.96
Private nonfarm employment	0.87	0.87	0.86	0.86	0.87
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	1.19	1.20	1.17	1.21	1.21
Construction	0.54	0.56	0.55	0.53	0.57
Manufacturing	1.16	1.10	1.15	1.31	1.34
Wholesale trade	3.20	3.02	2.95	3.01	3.36
Retail trade	1.13	1.17	1.20	1.21	1.18
Transportation and warehousing	0.96	0.98	0.81	0.73	0.76
Information	0.60	0.56	0.55	0.55	0.50
Finance and insurance	0.50	0.47	0.52	0.56	0.54
Real estate and rental and leasing	0.41	0.41	0.42	0.46	0.45
Professional, scientific, and technical services	0.22	0.21	0.24	0.25	0.24
Management of companies and enterprises	0.34	0.42	0.40	0.40	0.40
Administrative and waste management services	0.30	0.29	0.31	0.33	0.34
Educational services	0.80	0.82	0.68	0.68	0.62
Health care and social assistance	1.20	1.18	1.16	1.13	1.10
Arts, entertainment, and recreation	0.33	0.38	0.39	0.40	0.37
Accommodation and food services	1.21	1.23	1.22	1.16	1.16
Other services, except public administration	0.89	0.89	0.92	0.87	0.88
Government and government enterprises	1.28	1.30	1.32	1.34	1.32
Federal, civilian	2.74	2.88	2.97	3.04	3.02
Military	0.39	0.38	0.39	0.40	0.42
State and local	1.09	1.09	1.11	1.13	1.11
State government	0.41	0.42	0.44	0.45	0.45
Local government	1.47	1.46	1.49	1.52	1.49
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 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	22,019	72.36
Proprietors employment	8,411	27.64
Farm proprietors employment	2,000	6.57
Nonfarm proprietors employment	6,411	21.07
By industry		
Farm employment	2,112	6.94
Nonfarm employment	28,318	93.06
Private nonfarm employment	20,654	67.87
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	154	0.51
Construction	952	3.13
Manufacturing	1,265	4.16
Wholesale trade	2,664	8.75
Retail trade	3,783	12.43
Transportation and warehousing	556	1.83
Information	221	0.73
Finance and insurance	519	1.71
Real estate and rental and leasing	509	1.67
Professional, scientific, and technical services	510	1.68
Management of companies and enterprises	64	0.21
Administrative and waste management services	511	1.68
Educational services	301	0.99
Health care and social assistance	3,969	13.04
Arts, entertainment, and recreation	259	0.85
Accommodation and food services	2,928	9.62
Other services, except public administration	1,352	4.44
Government and government enterprises	7,664	25.19
Federal, civilian	2,448	8.04
Military	198	0.65
State and local	5,018	16.49
State government	733	2.41
Local government	4,285	14.08
Total employment	30,430	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>		

Table 4: McKinley County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	22,467	22,580	22,085	21,641	22,019
Proprietors employment	8,487	7,895	7,922	7,885	8,411
Farm proprietors employment	2,131	2,055	2,061	2,002	2,000
Nonfarm proprietors employment 2/	6,356	5,840	5,861	5,883	6,411
By industry					
Farm employment	2,227	2,159	2,176	2,104	2,112
Nonfarm employment	28,727	28,316	27,831	27,422	28,318
Private nonfarm employment	20,749	20,469	20,078	19,775	20,654
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	157	157	152	152	154
Construction	925	922	902	870	952
Manufacturing	1,201	1,121	1,135	1,219	1,265
Wholesale trade	2,466	2,285	2,196	2,261	2,664
Retail trade	3,653	3,734	3,776	3,751	3,783
Transportation and warehousing	677	710	579	516	556
Information	287	264	248	235	221
Finance and insurance	519	471	507	533	519
Real estate and rental and leasing	472	445	450	488	509
Professional, scientific, and technical services	487	465	500	528	510
Management of companies and enterprises	55	65	62	61	64
Administrative and waste management services	478	444	471	485	511
Educational services	377	378	313	311	301
Health care and social assistance	4,250	4,166	4,008	3,836	3,969
Arts, entertainment, and recreation	225	259	257	262	259
Accommodation and food services	2,887	2,929	2,921	2,805	2,928
Other services, except public administration	1,435	1,392	1,399	1,320	1,352
Government and government enterprises	7,978	7,847	7,753	7,647	7,664
Federal, civilian	2,597	2,604	2,518	2,445	2,448
Military	203	199	200	189	198
State and local	5,178	5,044	5,035	5,013	5,018
State government	694	692	708	727	733
Local government	4,484	4,352	4,327	4,286	4,285
Total employment	30,954	30,475	30,007	29,526	30,430
Source: Bureau of Economic Analysis at www.bea.gov , table CA25N					

Table 5: New Mexico Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	837,281	839,789	846,896	852,861	859,738
Proprietors employment	228,010	227,968	228,971	229,416	236,211
Farm proprietors employment	20,715	21,436	21,547	21,322	21,311
Nonfarm proprietors employment	207,295	206,532	207,424	208,094	214,900
By industry					
Farm employment	27,323	28,370	29,218	28,111	28,772
Nonfarm employment	1,037,968	1,039,387	1,046,649	1,054,166	1,067,177
Private nonfarm employment	824,157	827,488	835,812	844,809	858,620
Forestry, fishing, and related activities	5,237	5,138	5,247	5,682	5,884
Mining	28,362	34,232	36,831	38,198	35,898
Utilities	4,554	4,583	4,667	4,591	4,573
Construction	59,382	58,032	59,248	59,713	60,555
Manufacturing	35,750	35,771	35,469	34,032	34,076
Wholesale trade	26,513	26,486	26,694	27,496	28,567
Retail trade	111,583	111,908	112,808	114,086	115,724
Transportation and warehousing	24,333	25,361	25,505	25,846	26,447
Information	16,508	16,473	16,059	15,723	16,006
Finance and insurance	35,632	35,138	34,903	34,602	34,612
Real estate and rental and leasing	39,760	38,275	38,513	39,253	40,479
Professional, scientific, and technical services	77,591	76,152	75,940	76,094	77,546
Management of companies and enterprises	5,491	5,449	5,503	5,632	5,814
Administrative and waste management services	54,746	53,440	54,622	54,418	54,184
Educational services	16,280	16,152	16,404	16,716	17,553
Health care and social assistance	121,675	123,264	123,782	124,943	129,672
Arts, entertainment, and recreation	23,142	23,722	23,743	24,052	24,885
Accommodation and food services	82,391	83,232	85,532	88,375	90,601
Other services, except public administration	55,227	54,680	54,342	55,357	55,544
Government and government enterprises	213,811	211,899	210,837	209,357	208,557
Federal, civilian	32,611	31,631	30,389	29,462	29,200
Military	18,057	18,178	18,350	17,518	16,917
State and local	163,143	162,090	162,098	162,377	162,440
State government	58,306	57,523	57,763	58,753	58,916
Local government	104,837	104,567	104,335	103,624	103,524
Total employment	1,065,291	1,067,757	1,075,867	1,082,277	1,095,949

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

Table 6: United States Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	137,105,000	139,721,000	142,015,000	144,811,000	147,634,000
Proprietors employment	39,173,700	39,360,700	40,393,100	41,357,100	42,561,400
Farm proprietors employment	1,876,000	1,844,000	1,856,000	1,842,000	1,825,000
Nonfarm proprietors employment	37,297,700	37,516,700	38,537,100	39,515,100	40,736,400
By industry					
Farm employment	2,639,000	2,623,000	2,646,000	2,645,000	2,642,000
Nonfarm employment	173,639,700	176,458,700	179,762,100	183,523,100	187,553,400
Private nonfarm employment	149,350,700	152,356,700	155,708,100	159,476,100	163,411,400
Forestry, fishing, and related activities	860,600	886,400	911,100	943,000	962,000
Mining	1,244,000	1,551,200	1,606,000	1,593,500	1,504,600
Utilities	575,500	577,600	578,300	580,600	588,500
Construction	8,774,800	8,944,800	9,251,800	9,582,300	9,948,900
Manufacturing	12,385,700	12,605,200	12,760,200	12,905,600	13,091,200
Wholesale trade	6,160,300	6,243,500	6,345,100	6,574,900	6,785,600
Retail trade	17,954,300	18,085,800	18,383,100	18,744,100	19,149,000
Transportation and warehousing	5,684,800	5,872,400	6,020,800	6,273,400	6,605,300
Information	3,230,000	3,224,700	3,264,600	3,327,000	3,376,600
Finance and insurance	9,751,500	9,702,300	9,816,300	9,617,000	9,645,700
Real estate and rental and leasing	7,936,300	7,859,200	8,060,800	8,421,800	8,727,200
Professional, scientific, and technical services	11,970,100	12,211,200	12,549,300	12,867,700	13,242,900
Management of companies and enterprises	2,080,600	2,180,200	2,265,000	2,366,300	2,431,800
Administrative and waste management services	10,753,600	11,035,400	11,371,900	11,730,200	12,022,900
Educational services	4,122,600	4,198,200	4,329,100	4,488,100	4,662,000
Health care and social assistance	19,417,200	20,112,500	20,514,200	20,830,400	21,309,800
Arts, entertainment, and recreation	3,873,300	3,980,900	4,045,800	4,182,300	4,289,000
Accommodation and food services	12,343,400	12,670,500	13,105,200	13,560,900	14,032,200
Other services, except public administration	10,232,100	10,414,700	10,529,500	10,887,000	11,036,200
Government and government enterprises	24,289,000	24,102,000	24,054,000	24,047,000	24,142,000
Federal, civilian	2,918,000	2,875,000	2,825,000	2,793,000	2,811,000
Military	2,081,000	2,056,000	2,032,000	1,975,000	1,955,000
State and local	19,290,000	19,171,000	19,197,000	19,279,000	19,376,000
State government	5,266,000	5,254,000	5,262,000	5,278,000	5,297,000
Local government	14,024,000	13,917,000	13,935,000	14,001,000	14,079,000
Total employment	176,278,700	179,081,700	182,408,100	186,168,100	190,195,400

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 2015			
	United States	New Mexico	McKinley County
By type			
Wage and salary employment	77.62	78.45	72.36
Proprietors employment	22.38	21.55	27.64
Farm proprietors employment	0.96	1.94	6.57
Nonfarm proprietors employment	21.42	19.61	21.07
By industry			
Farm employment	1.39	2.63	6.94
Nonfarm employment	98.61	97.37	93.06
Private nonfarm employment	85.92	78.34	67.87
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	0.51
Construction	5.23	5.53	3.13
Manufacturing	6.88	3.11	4.16
Wholesale trade	3.57	2.61	8.75
Retail trade	10.07	10.56	12.43
Transportation and warehousing	3.47	2.41	1.83
Information	1.78	1.46	0.73
Finance and insurance	5.07	3.16	1.71
Real estate and rental and leasing	4.59	3.69	1.67
Professional, scientific, and technical services	6.96	7.08	1.68
Management of companies and enterprises	1.28	0.53	0.21
Administrative and waste management services	6.32	4.94	1.68
Educational services	2.45	1.60	0.99
Health care and social assistance	11.20	11.83	13.04
Arts, entertainment, and recreation	2.26	2.27	0.85
Accommodation and food services	7.38	8.27	9.62
Other services, except public administration	5.80	5.07	4.44
Government and government enterprises	12.69	19.03	25.19
Federal, civilian	1.48	2.66	8.04
Military	1.03	1.54	0.65
State and local	10.19	14.82	16.49
State government	2.79	5.38	2.41
Local government	7.40	9.45	14.08
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 2011-2015

Description	2010	2011	2012	2013	2014	2015
By type						
Wage and salary employment	74.10	72.58	74.09	73.60	73.29	72.36
Proprietors employment	25.90	27.42	25.91	26.40	26.71	27.64
Farm proprietors employment	6.76	6.88	6.74	6.87	6.78	6.57
Nonfarm proprietors employment	19.13	20.53	19.16	19.53	19.92	21.07
By industry						
Farm employment	7.06	7.19	7.08	7.25	7.13	6.94
Nonfarm employment	92.94	92.81	92.92	92.75	92.87	93.06
Private nonfarm employment	66.00	67.03	67.17	66.91	66.97	67.87
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A
Mining	0.35	N/A	N/A	N/A	N/A	N/A
Utilities	0.55	0.51	0.52	0.51	0.51	0.51
Construction	3.41	2.99	3.03	3.01	2.95	3.13
Manufacturing	3.91	3.88	3.68	3.78	4.13	4.16
Wholesale trade	7.62	7.97	7.50	7.32	7.66	8.75
Retail trade	11.57	11.80	12.25	12.58	12.70	12.43
Transportation and warehousing	2.17	2.19	2.33	1.93	1.75	1.83
Information	0.94	0.93	0.87	0.83	0.80	0.73
Finance and insurance	1.62	1.68	1.55	1.69	1.81	1.71
Real estate and rental and leasing	1.51	1.52	1.46	1.50	1.65	1.67
Professional, scientific, and technical services	1.45	1.57	1.53	1.67	1.79	1.68
Management of companies and enterprises	0.20	0.18	0.21	0.21	0.21	0.21
Administrative and waste management services	1.54	1.54	1.46	1.57	1.64	1.68
Educational services	1.15	1.22	1.24	1.04	1.05	0.99
Health care and social assistance	13.54	13.73	13.67	13.36	12.99	13.04
Arts, entertainment, and recreation	N/A	0.73	0.85	0.86	0.89	0.85
Accommodation and food services	9.21	9.33	9.61	9.73	9.50	9.62
Other services, except public administration	4.33	4.64	4.57	4.66	4.47	4.44
Government and government enterprises	26.94	25.77	25.75	25.84	25.90	25.19
Federal, civilian	8.72	8.39	8.54	8.39	8.28	8.04
Military	0.62	0.66	0.65	0.67	0.64	0.65
State and local	17.60	16.73	16.55	16.78	16.98	16.49
State government	2.28	2.24	2.27	2.36	2.46	2.41
Local government	15.32	14.49	14.28	14.42	14.52	14.08
Total employment	100.00	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 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	78.60	78.65	78.72	78.80	78.45
Proprietors employment	21.40	21.35	21.28	21.20	21.55
Farm proprietors employment	1.94	2.01	2.00	1.97	1.94
Nonfarm proprietors employment	19.46	19.34	19.28	19.23	19.61
By industry					
Farm employment	2.56	2.66	2.72	2.60	2.63
Nonfarm employment	97.44	97.34	97.28	97.40	97.37
Private nonfarm employment	77.36	77.50	77.69	78.06	78.34
Forestry, fishing, and related activities	0.49	0.48	0.49	0.53	0.54
Mining	2.66	3.21	3.42	3.53	3.28
Utilities	0.43	0.43	0.43	0.42	0.42
Construction	5.57	5.43	5.51	5.52	5.53
Manufacturing	3.36	3.35	3.30	3.14	3.11
Wholesale trade	2.49	2.48	2.48	2.54	2.61
Retail trade	10.47	10.48	10.49	10.54	10.56
Transportation and warehousing	2.28	2.38	2.37	2.39	2.41
Information	1.55	1.54	1.49	1.45	1.46
Finance and insurance	3.34	3.29	3.24	3.20	3.16
Real estate and rental and leasing	3.73	3.58	3.58	3.63	3.69
Professional, scientific, and technical services	7.28	7.13	7.06	7.03	7.08
Management of companies and enterprises	0.52	0.51	0.51	0.52	0.53
Administrative and waste management services	5.14	5.00	5.08	5.03	4.94
Educational services	1.53	1.51	1.52	1.54	1.60
Health care and social assistance	11.42	11.54	11.51	11.54	11.83
Arts, entertainment, and recreation	2.17	2.22	2.21	2.22	2.27
Accommodation and food services	7.73	7.80	7.95	8.17	8.27
Other services, except public administration	5.18	5.12	5.05	5.11	5.07
Government and government enterprises	20.07	19.85	19.60	19.34	19.03
Federal, civilian	3.06	2.96	2.82	2.72	2.66
Military	1.70	1.70	1.71	1.62	1.54
State and local	15.31	15.18	15.07	15.00	14.82
State government	5.47	5.39	5.37	5.43	5.38
Local government	9.84	9.79	9.70	9.57	9.45
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 calculations</i>					

Table 10: United States Percent of Employment by Industry 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	77.78	78.02	77.86	77.79	77.62
Proprietors employment	22.22	21.98	22.14	22.21	22.38
Farm proprietors employment	1.06	1.03	1.02	0.99	0.96
Nonfarm proprietors employment	21.16	20.95	21.13	21.23	21.42
By industry					
Farm employment	1.50	1.46	1.45	1.42	1.39
Nonfarm employment	98.50	98.54	98.55	98.58	98.61
Private nonfarm employment	84.72	85.08	85.36	85.66	85.92
Forestry, fishing, and related activities	0.49	0.49	0.50	0.51	0.51
Mining	0.71	0.87	0.88	0.86	0.79
Utilities	0.33	0.32	0.32	0.31	0.31
Construction	4.98	4.99	5.07	5.15	5.23
Manufacturing	7.03	7.04	7.00	6.93	6.88
Wholesale trade	3.49	3.49	3.48	3.53	3.57
Retail trade	10.19	10.10	10.08	10.07	10.07
Transportation and warehousing	3.22	3.28	3.30	3.37	3.47
Information	1.83	1.80	1.79	1.79	1.78
Finance and insurance	5.53	5.42	5.38	5.17	5.07
Real estate and rental and leasing	4.50	4.39	4.42	4.52	4.59
Professional, scientific, and technical services	6.79	6.82	6.88	6.91	6.96
Management of companies and enterprises	1.18	1.22	1.24	1.27	1.28
Administrative and waste management services	6.10	6.16	6.23	6.30	6.32
Educational services	2.34	2.34	2.37	2.41	2.45
Health care and social assistance	11.02	11.23	11.25	11.19	11.20
Arts, entertainment, and recreation	2.20	2.22	2.22	2.25	2.26
Accommodation and food services	7.00	7.08	7.18	7.28	7.38
Other services, except public administration	5.80	5.82	5.77	5.85	5.80
Government and government enterprises	13.78	13.46	13.19	12.92	12.69
Federal, civilian	1.66	1.61	1.55	1.50	1.48
Military	1.18	1.15	1.11	1.06	1.03
State and local	10.94	10.71	10.52	10.36	10.19
State government	2.99	2.93	2.88	2.84	2.79
Local government	7.96	7.77	7.64	7.52	7.40
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