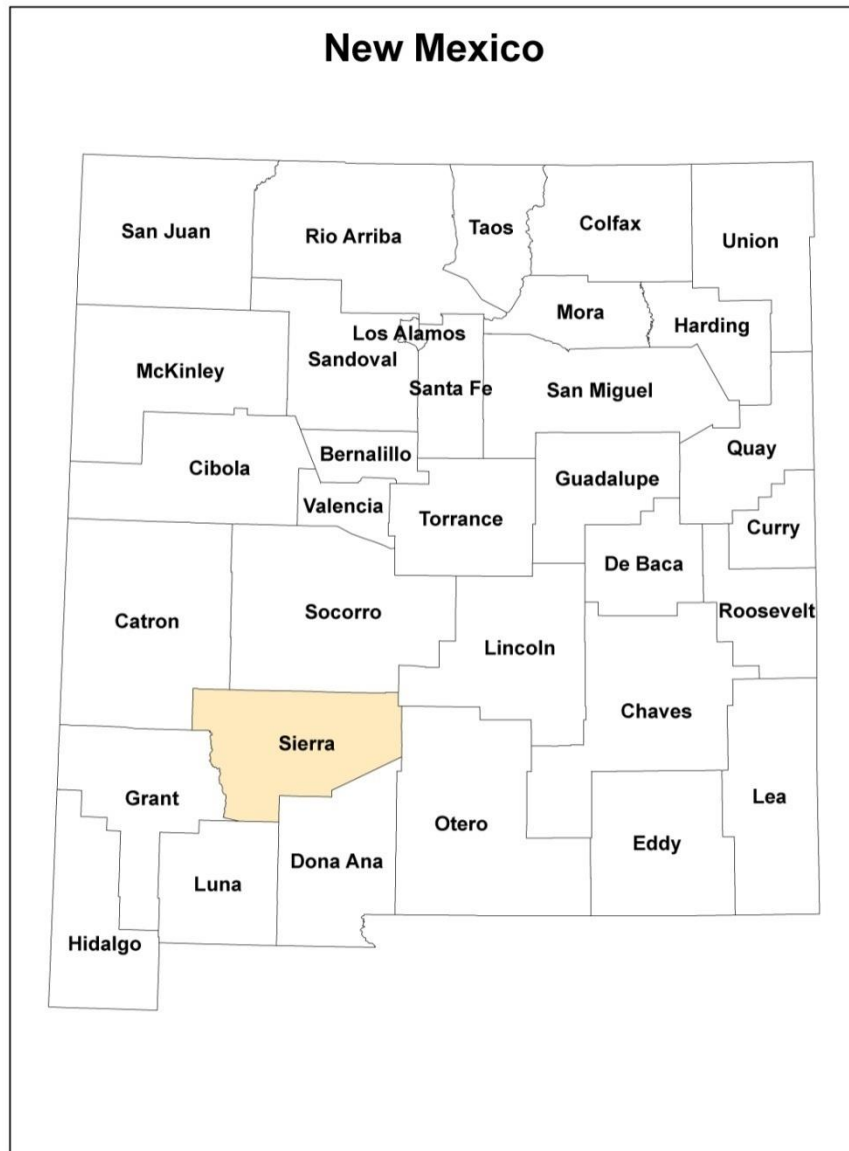




The Economic Base of Sierra County, NM

**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 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, a LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

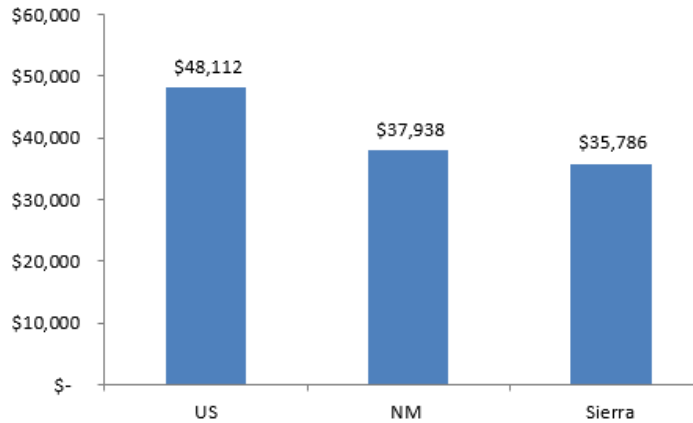
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, 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 industries within Sierra County with the national employment as the 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 for 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.

Sierra County, New Mexico

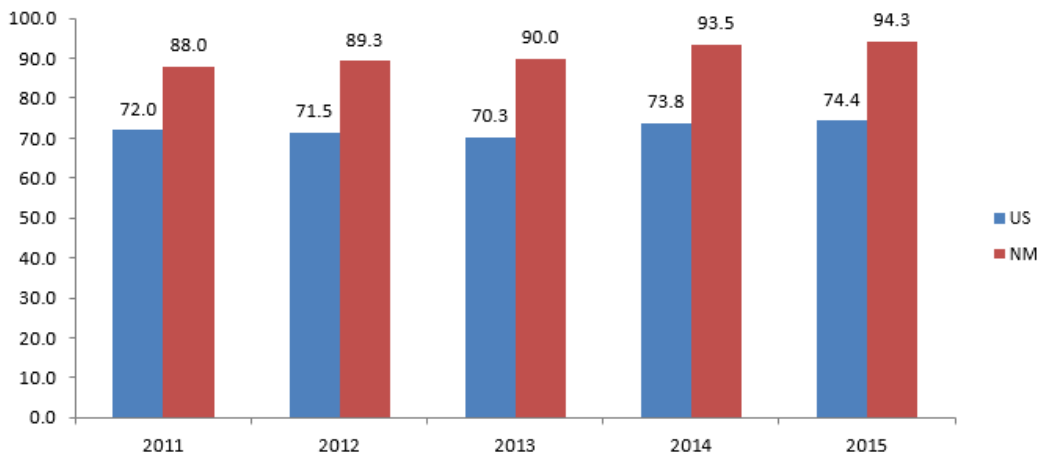
Sierra County is located in southwestern New Mexico and contains 4,178.96 square miles, or 3.45 percent of the land area in New Mexico. In 2015, Sierra County ranked 25th in the state in terms of population with 11,282 habitants, 0.54 percent of the state's total population. The City of Truth or Consequences as the main city in Sierra County had a population 6,062 in 2015, representing 53.7 percent of Sierra County total population. Between 2011 and 2015, the population in Sierra County decreased by 6.18 percent, while New Mexico's population increased .33 percent and the nation's population increased by 3.11 percent during the same period.

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



In 2015, per capita personal income for Sierra County was \$35,786 ranking 16th in the state in terms of per capita personal income (See Figure 1). Per capita personal income in Sierra County for 2015 was 94.3 percent of the corresponding state figure of \$37,938 and 74.4 percent of the national average of \$48,112 (See Figure 2). The 17.04 percent growth of per capita income for Sierra County between 2011 and 2015 was significantly higher compared to the state’s growth of 9.24 percent and the nation’s per capita income growth of 13.33 percent.

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



Total employment in Sierra County was 4,945 in 2015. Between 2011 and 2015, total employment in Sierra County increased by .08 percent, significantly less when compared to the figure for the state, which increased by 2.88 percent, or the national figure that increased by 7.89 percent. The Sierra County employment to population ratio was 0.44. This ratio is much lower compared to New Mexico (0.53) and the United States (0.59).

In 2015, 75.35 percent of total employment in Sierra County was in the Private sector. Government and government enterprises accounted for 17.82 percent and Farm employment

accounted for 6.84 percent of total employment. Local and state governments were the largest employers in the public sector with 9.65 and 5.66 percent of total employment, respectively. Federal / civilian employment accounted for 1.92 percent; Military employment represented 0.59 percent of total employment in the county. In the private sector, the industries with the highest percentages of total employment included: Retail trade (11.55 percent), Accommodations and food services (10.52), and Construction (7.14). Sierra County employment by sector is displayed in Table 3.

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

Table 1 contains LQs for Sierra County from 2011 to 2015 calculated using data for the United States as basis for comparison. Table 2 contains LQs for Sierra 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 the U.S. employment is considered as a basic industry. Sectors with LQs greater than 1.0 have been shaded.

Within the private sector, the great importance of agriculture (farm sector) in Sierra County as an exporting industry is reflected in its LQs for this sector. In 2015, its LQ was 4.92 with LQs greater than 4.45 for all years considered. The importance of the tourism industry is reflected in the large LQs from Accommodation and food services, Arts, entertainment, and recreation. All these three sectors are to be considered as basic industries given that the services are likely to be provided to visitors from outside the Sierra, reflecting the large tourism bases of Elephant Butte Lake State Park and the mineral hot springs of Truth or Consequences. Accommodation and food services sector had a LQ of 1.43 in 2015. Arts, entertainment, and recreation had LQs of 1.23 for 2015.

Other industries in the private sector with LQs above 1.0 In 2015 included: Construction with an LQ of 1.36, Utilities with an LQ of 2.03 and Retail trade with a LQ of 1.15. However, given that these industries are providing support to previous mentioned basic industries, they are considered as non-basic or support industries.

For the public sector, the entry labeled government and government enterprises is the aggregate figure of all government levels listed as government categories. All of the government sectors, with the exception of military employment, have LQs greater than 1.0 In 2015. State government had a LQ of 2.03 in 2015, showing an increase in its LQs since 2011. The LQ for Federal / civilian was 1.30 in 2015, with a decrease compared to the previous year. Local government also had a LQ greater than 1.0, with a LQ of 1.30 in 2015. However, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the

community, including employment. Following this practice, local government for Sierra County will be considered as a non-basic industry.

The data for 2015 suggest that in Sierra County, the following industries are to be considered basic:

1. Accommodation and food services accounted for 520 jobs.
2. The Agriculture industry with Farm employment accounted for 338 jobs.
3. Real estate and rental and leasing accounted for 188 jobs.
4. State government accounted for 280 jobs.
5. Arts, entertainment, and recreation, accounted for 137 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 Sierra County, the multiplier is equal to 3.38 (4,945/ 1,463). This ratio suggests that any additional basic sector job in Sierra County would be associated with additional 3.38 non-basic sector jobs. The export base multiplier (3.38) calculated above reinforces the importance of basic (exporting) industries to the economy of Sierra County. In general terms, this employment multiplier is not to be compared to employment multipliers included in economic impact analysis tools including RIMS, REMI, and IMPLAN. In the case of Sierra 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. Between 2014 and 2015, the population in Sierra County decreased by .44 percent. Per capita personal income went from \$34,272 in 2014 to \$35,786 in 2015, representing an increase of 4.42 percent between 2014 and 2015. Due to unavailable employment data in the Mining sector, we were not able to calculate a LQ and it was not included as a basic industry for this update.

Tables 1 to 10 appear on pages 6-15

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

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.89	0.88	0.90	0.90	0.90
Proprietors employment	1.39	1.41	1.36	1.35	1.35
Farm proprietors employment	4.18	4.43	4.50	4.68	4.68
Nonfarm proprietors employment	1.25	1.26	1.21	1.20	1.20
By industry					
Farm employment	4.45	4.65	4.86	4.79	4.92
Nonfarm employment	0.95	0.95	0.94	0.95	0.94
Private nonfarm employment	0.88	0.87	0.87	0.87	0.88
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	N/A	1.74	1.77	2.00	2.03
Construction	1.64	1.38	1.38	1.35	1.36
Manufacturing	0.38	0.40	0.39	0.39	0.37
Wholesale trade	0.16	0.16	0.16	0.16	0.18
Retail trade	1.16	1.19	1.15	1.20	1.15
Transportation and warehousing	N/A	0.42	0.42	0.33	0.33
Information	0.41	0.44	0.42	0.39	0.38
Finance and insurance	0.35	0.38	0.36	0.40	0.40
Real estate and rental and leasing	0.82	0.94	0.90	0.83	0.83
Professional, scientific, and technical services	0.55	0.51	0.46	0.43	0.41
Management of companies and enterprises	0.00	0.00	0.00	0.29	0.32
Administrative and waste management services	0.25	0.21	0.25	0.20	0.20
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	1.36	1.26	1.02	0.92	1.23
Accommodation and food services	1.44	1.37	1.36	1.39	1.43
Other services, except public administration	1.06	1.00	0.99	1.01	0.98
Government and government enterprises	1.35	1.44	1.42	1.45	1.40
Federal, civilian	1.48	1.58	1.46	1.49	1.30
Military	0.57	0.58	0.58	0.57	0.57
State and local	1.41	1.51	1.50	1.54	1.50
State government	1.79	1.93	1.96	1.99	2.03
Local government	1.27	1.35	1.32	1.37	1.30
Total employment	1.00	1.00	1.00	1.00	1.00

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

Table 2: Location Quotients for Sierra County (NM Base) 2011-2015

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.88	0.88	0.89	0.89	0.89
Proprietors employment	1.44	1.45	1.42	1.41	1.40
Farm proprietors employment	2.29	2.27	2.28	2.35	2.31
Nonfarm proprietors employment	1.36	1.37	1.33	1.32	1.31
By industry					
Farm employment	2.60	2.56	2.60	2.62	2.60
Nonfarm employment	0.96	0.96	0.96	0.96	0.96
Private nonfarm employment	0.97	0.95	0.96	0.95	0.96
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	N/A	1.31	1.29	1.47	1.50
Construction	1.46	1.26	1.27	1.26	1.29
Manufacturing	0.80	0.84	0.82	0.85	0.83
Wholesale trade	0.22	0.22	0.22	0.22	0.24
Retail trade	1.13	1.15	1.11	1.14	1.09
Transportation and warehousing	N/A	0.58	0.58	0.47	0.47
Information	0.48	0.51	0.50	0.49	0.46
Finance and insurance	0.59	0.63	0.60	0.64	0.65
Real estate and rental and leasing	0.99	1.15	1.11	1.04	1.03
Professional, scientific, and technical services	0.52	0.49	0.44	0.42	0.40
Management of companies and enterprises	0.00	0.00	0.00	0.72	0.76
Administrative and waste management services	0.30	0.26	0.31	0.25	0.26
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	1.38	1.26	1.03	0.93	1.22
Accommodation and food services	1.31	1.24	1.23	1.24	1.27
Other services, except public administration	1.19	1.13	1.14	1.16	1.12
Government and government enterprises	0.92	0.98	0.95	0.97	0.94
Federal, civilian	0.80	0.86	0.80	0.82	0.72
Military	0.39	0.39	0.38	0.37	0.38
State and local	1.01	1.06	1.05	1.06	1.03
State government	0.98	1.05	1.05	1.04	1.05
Local government	1.02	1.07	1.04	1.07	1.02
Total employment	1.00	1.00	1.00	1.00	1.00

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

Table 3: Sierra County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	3,456	69.89
Proprietors employment	1,489	30.11
Farm proprietors employment	222	4.49
Nonfarm proprietors employment	1,267	25.62
By industry		0.00
Farm employment	338	6.84
Nonfarm employment	4,607	93.16
Private nonfarm employment	3,726	75.35
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	31	0.63
Construction	353	7.14
Manufacturing	127	2.57
Wholesale trade	31	0.63
Retail trade	571	11.55
Transportation and warehousing	56	1.13
Information	33	0.67
Finance and insurance	101	2.04
Real estate and rental and leasing	188	3.80
Professional, scientific, and technical services	140	2.83
Management of companies and enterprises	20	0.40
Administrative and waste management services	64	1.29
Educational services	(D)	N/A
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	137	2.77
Accommodation and food services	520	10.52
Other services, except public administration	281	5.68
Government and government enterprises	881	17.82
Federal, civilian	95	1.92
Military	29	0.59
State and local	757	15.31
State government	280	5.66
Local government	477	9.65
Total employment	4,945	100.00

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

Table 4: Sierra County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	3,413	3,310	3,359	3,375	3,456
Proprietors employment	1,528	1,491	1,451	1,446	1,489
Farm proprietors employment	220	219	220	223	222
Nonfarm proprietors employment 2/	1,308	1,272	1,231	1,223	1,267
By industry					
Farm employment	329	327	339	328	338
Nonfarm employment	4,612	4,474	4,471	4,493	4,607
Private nonfarm employment	3,696	3,545	3,573	3,588	3,726
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	(D)	27	27	30	31
Construction	403	330	336	334	353
Manufacturing	133	135	130	129	127
Wholesale trade	27	26	26	27	31
Retail trade	586	578	558	581	571
Transportation and warehousing	(D)	66	66	54	56
Information	37	38	36	34	33
Finance and insurance	97	100	93	99	101
Real estate and rental and leasing	183	198	191	182	188
Professional, scientific, and technical services	186	167	151	144	140
Management of companies and enterprises	0	0	0	18	20
Administrative and waste management services	76	62	75	60	64
Educational services	(D)	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	(D)	(D)	(D)
Arts, entertainment, and recreation	148	134	109	100	137
Accommodation and food services	499	464	469	489	520
Other services, except public administration	304	279	276	285	281
Government and government enterprises	916	929	898	905	881
Federal, civilian	121	122	109	108	95
Military	33	32	31	29	29
State and local	762	775	758	768	757
State government	264	272	272	272	280
Local government	498	503	486	496	477
Total employment	4,941	4,801	4,810	4,821	4,945

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
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N</i>					

Table 7: Sierra County, New Mexico and United States Percent of Employment by Industry 2015

	United States	New Mexico	Sierra County
By type			
Wage and salary employment	77.62	78.45	69.89
Proprietors employment	22.38	21.55	30.11
Farm proprietors employment	0.96	1.94	4.49
Nonfarm proprietors employment	21.42	19.61	25.62
By industry			
Farm employment	1.39	2.63	6.84
Nonfarm employment	98.61	97.37	93.16
Private nonfarm employment	85.92	78.34	75.35
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	0.63
Construction	5.23	5.53	7.14
Manufacturing	6.88	3.11	2.57
Wholesale trade	3.57	2.61	0.63
Retail trade	10.07	10.56	11.55
Transportation and warehousing	3.47	2.41	1.13
Information	1.78	1.46	0.67
Finance and insurance	5.07	3.16	2.04
Real estate and rental and leasing	4.59	3.69	3.80
Professional, scientific, and technical services	6.96	7.08	2.83
Management of companies and enterprises	1.28	0.53	0.40
Administrative and waste management services	6.32	4.94	1.29
Educational services	2.45	1.60	N/A
Health care and social assistance	11.20	11.83	N/A
Arts, entertainment, and recreation	2.26	2.27	2.77
Accommodation and food services	7.38	8.27	10.52
Other services, except public administration	5.80	5.07	5.68
Government and government enterprises	12.69	19.03	17.82
Federal, civilian	1.48	2.66	1.92
Military	1.03	1.54	0.59
State and local	10.19	14.82	15.31
State government	2.79	5.38	5.66
Local government	7.40	9.45	9.65
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: Sierra County Percent of Employment by Sectors 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	69.08	68.94	69.83	70.01	69.89
Proprietors employment	30.92	31.06	30.17	29.99	30.11
Farm proprietors employment	4.45	4.56	4.57	4.63	4.49
Nonfarm proprietors employment	26.47	26.49	25.59	25.37	25.62
By industry					
Farm employment	6.66	6.81	7.05	6.80	6.84
Nonfarm employment	93.34	93.19	92.95	93.20	93.16
Private nonfarm employment	74.80	73.84	74.28	74.42	75.35
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	N/A	0.56	0.56	0.62	0.63
Construction	8.16	6.87	6.99	6.93	7.14
Manufacturing	2.69	2.81	2.70	2.68	2.57
Wholesale trade	0.55	0.54	0.54	0.56	0.63
Retail trade	11.86	12.04	11.60	12.05	11.55
Transportation and warehousing	N/A	1.37	1.37	1.12	1.13
Information	0.75	0.79	0.75	0.71	0.67
Finance and insurance	1.96	2.08	1.93	2.05	2.04
Real estate and rental and leasing	3.70	4.12	3.97	3.78	3.80
Professional, scientific, and technical services	3.76	3.48	3.14	2.99	2.83
Management of companies and enterprises	0.00	0.00	0.00	0.37	0.40
Administrative and waste management services	1.54	1.29	1.56	1.24	1.29
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	3.00	2.79	2.27	2.07	2.77
Accommodation and food services	10.10	9.66	9.75	10.14	10.52
Other services, except public administration	6.15	5.81	5.74	5.91	5.68
Government and government enterprises	18.54	19.35	18.67	18.77	17.82
Federal, civilian	2.45	2.54	2.27	2.24	1.92
Military	0.67	0.67	0.64	0.60	0.59
State and local	15.42	16.14	15.76	15.93	15.31
State government	5.34	5.67	5.65	5.64	5.66
Local government	10.08	10.48	10.10	10.29	9.65
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 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
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					