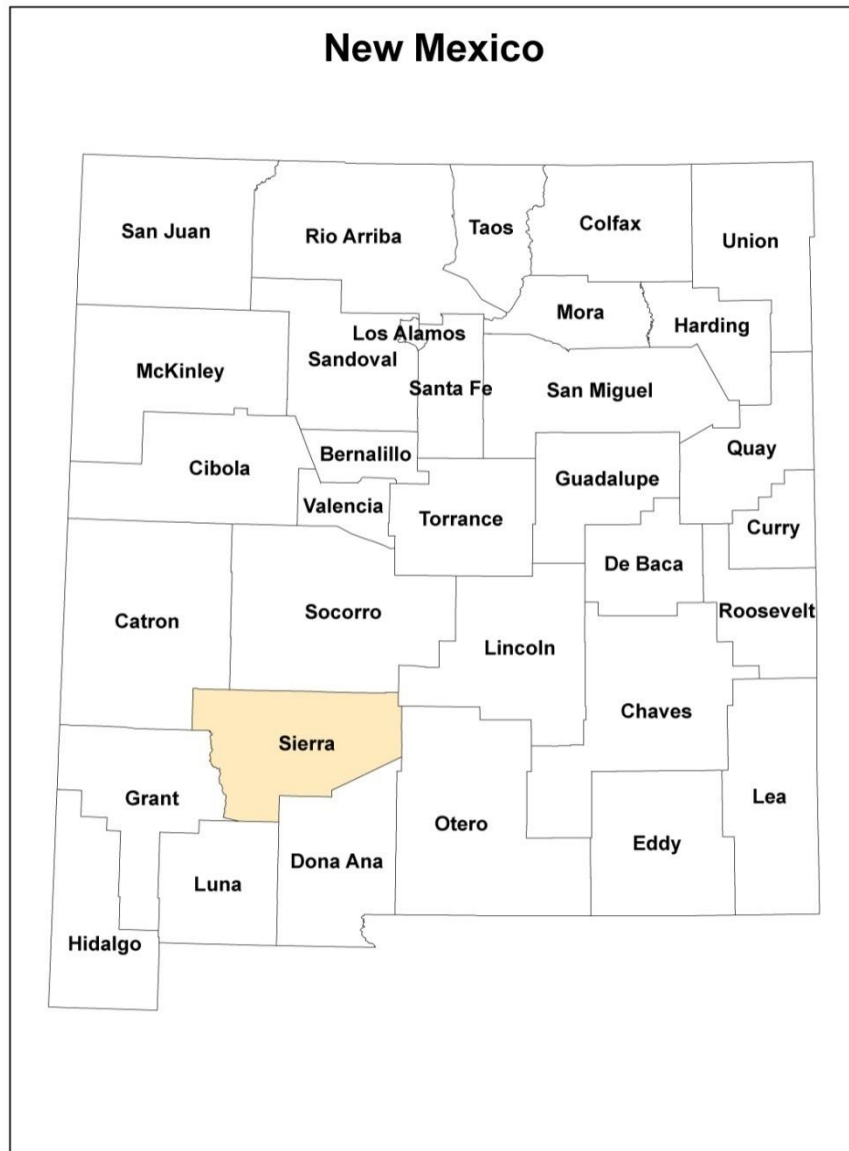




The Economic Base of Sierra County, NM

**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:

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

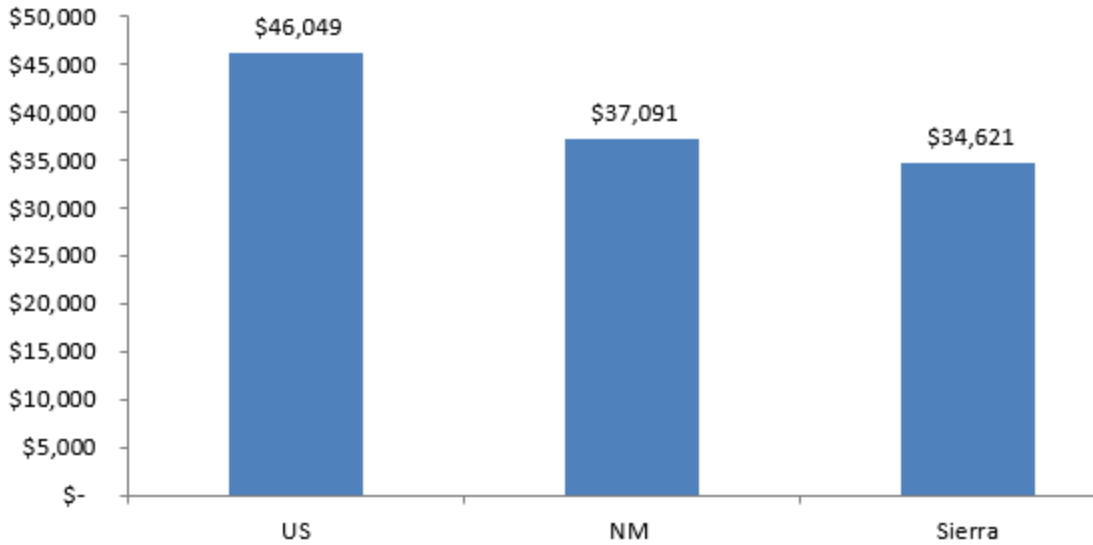
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

Sierra County, New Mexico

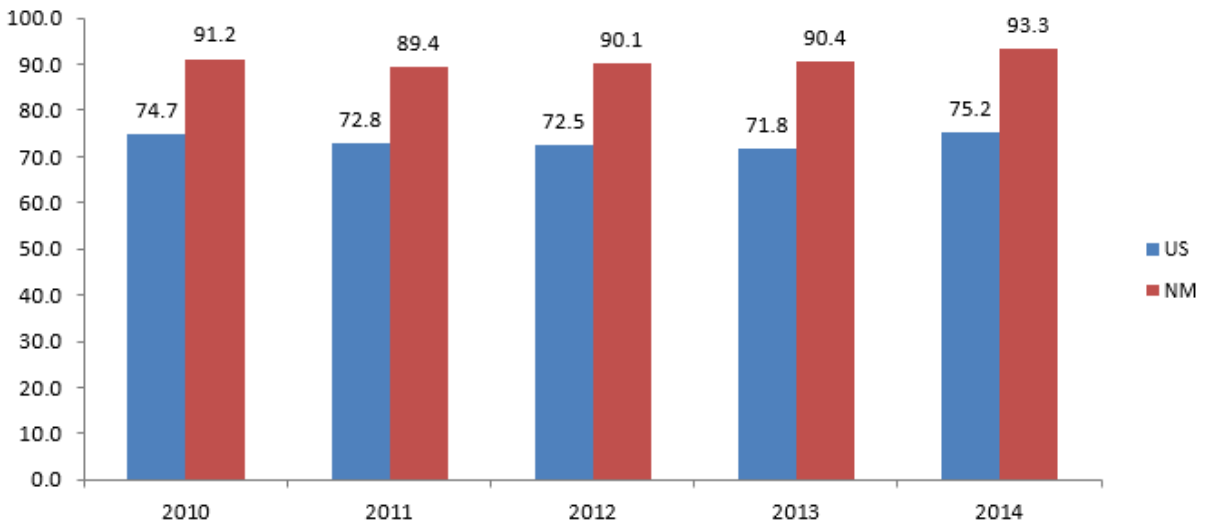
Sierra County is located in southwestern New Mexico and contains 4,178.96 square miles, or 3.45 percent of the land area in New Mexico. In 2014, Sierra County ranked 25th in the state in terms of population with 11,325 habitants, 0.54 percent of the state's total population. The City of Truth or Consequences as the main city in Sierra County had a population 6,337 in 2014, representing 56.0 percent of Sierra County total population. Between 2010 and 2014, the population in Sierra County decreased by 5.93 percent, while New Mexico's population increased 1.0 percent and the nation's population increased by 3.07 percent during the same period.

Figure 1. Per Capita Personal Income 2014



In 2014, per capita personal income for Sierra County was \$34,621 ranking 18th in the state in terms of per capita personal income (See Figure 1). Per capita personal income in Sierra County for 2014 was 93.34 percent of the corresponding state figure of \$37,091 and 75.18 percent of the national average of \$46,049 (See Figure 2). The 14.99 percent growth of per capita income for Sierra County between 2010 and 2014 was significantly higher compared to the state’s growth of 12.33 percent and the nation’s per capita income growth of 14.33 percent.

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



Total employment in Sierra County was 5,053 in 2014. Between 2010 and 2014, total employment in Sierra County decreased by 4.68 percent, significantly less when compared to the figure for the state, which increased by 2.20 percent, or the national figure that increased by 7.38 percent. The Sierra

County employment to population ratio was 0.44. This ratio is much lower compared to New Mexico (0.52) and the United States (0.58).

In 2014, 75.66 percent of total employment in Sierra County was in the Private sector. Government and government enterprises accounted for 17.91 percent and Farm employment accounted for 6.44 percent of total employment. Local and state governments were the largest employers in the public sector with 9.82 and 5.36 percent of total employment, respectively. Federal / civilian employment accounted for 2.16 percent; Military employment represented 0.57 percent of total employment in the county. In the private sector, the industries with the highest percentages of total employment included: Retail trade (11.44 percent), Accommodations and food services (9.74), and Construction (6.85). 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 2010 to 2014 calculated using data for the United States as basis for comparison. Table 2 contains LQs for Sierra County from 2010 to 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 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 in Sierra County as an exporting industry is reflected in its LQs for this sector. In 2014, its LQ was 4.52 with LQs greater than 4.04 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, as well as Real estate and rental and leasing. 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 1.34 in 2014. Arts, entertainment, and recreation had LQs of 1.96 for 2014. Real estate and rental and leasing had a LQ of 1.13 for 2014. This industry has remained over 1.03 for all years considered.

Other industries in the private sector with LQs above 1.0 In 2014 included: Construction with an LQ of 1.32, Utilities with an LQ of 1.83 and Retail trade with a LQ of 1.14. 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 2014. State government had a LQ of 1.89 in 2014, showing an increase in its LQs since 2011. The LQ for Federal / civilian was 1.44 in 2014, 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 2014. 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 2014 suggest that in Sierra County, the following industries are to be considered basic:

1. Accommodation and food services accounted for 492 jobs.
2. The Agriculture industry with Farm employment accounted for 325 jobs.
3. Real estate and rental and leasing accounted for 249 jobs.
4. State government accounted for 271 jobs.
5. Arts, entertainment, and recreation, accounted for 108 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 3.49 (5,053/ 1,445). This ratio suggests that any additional basic sector job in Sierra County would be associated with additional 3.49 non-basic sector jobs. The export base multiplier (3.49) 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 2013 and 2014, the population in Sierra County decreased by 2.13 percent. The 8.57 percent growth of per capita income for Sierra County between

2013 and 2014 was higher than the state percent growth of 5.21 percent and also higher than the nation's per capita income percent growth of 3.63 percent during the same time period. Per capita personal income went from \$31,887 in 2013 to \$34,621 in 2014. 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 7-16

Table 1: Location Quotients for Sierra County (US Base) 2010-2014					
US Base	2010	2011	2012	2013	2014
By type					
Wage and salary employment	0.84	0.84	0.84	0.86	0.86
Proprietors employment	1.58	1.54	1.57	1.50	1.51
Farm proprietors employment	3.68	3.98	4.20	4.32	4.39
Nonfarm proprietors employment	1.47	1.42	1.44	1.36	1.37
By industry					
Farm employment	4.04	4.23	4.41	4.67	4.52
Nonfarm employment	0.95	0.95	0.95	0.95	0.95
Private nonfarm employment	0.90	0.90	0.88	0.88	0.88
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	3.48	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	1.84	1.83	1.83
Construction	1.59	1.59	1.34	1.36	1.32
Manufacturing	0.46	0.36	0.39	0.38	0.38
Wholesale trade	N/A	0.18	0.15	0.14	0.14
Retail trade	1.12	1.12	1.15	1.10	1.14
Transportation and warehousing	0.48	N/A	0.43	0.41	0.36
Information	0.40	0.43	0.43	0.44	0.41
Finance and insurance	0.52	0.41	0.41	0.41	0.42
Real estate and rental and leasing	1.03	1.07	1.21	1.11	1.13
Professional, scientific, and technical services	0.61	0.54	0.50	0.45	0.43
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.33	0.24	0.21	0.25	0.25
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	1.09	1.31	1.22	0.97	0.96
Accommodation and food services	1.35	1.41	1.32	1.31	1.34
Other services, except public administration	1.03	1.04	0.97	0.97	0.97
Government and government enterprises	1.24	1.28	1.36	1.36	1.38
Federal, civilian	1.36	1.41	1.50	1.41	1.44
Military	0.50	0.54	0.55	0.56	0.54
State and local	1.30	1.34	1.43	1.44	1.46
State government	1.76	1.70	1.83	1.88	1.89
Local government	1.13	1.20	1.28	1.27	1.30
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 Sierra County (NM Base) 2010-2014					
NM Based	2010	2011	2012	2013	2014
By type					
Wage and salary employment	0.83	0.83	0.83	0.85	0.85
Proprietors employment	1.64	1.61	1.63	1.57	1.57
Farm proprietors employment	2.22	2.17	2.15	2.19	2.20
Nonfarm proprietors employment	1.58	1.56	1.57	1.50	1.50
By industry					
Farm employment	2.54	2.46	2.43	2.49	2.47
Nonfarm employment	0.96	0.96	0.96	0.96	0.96
Private nonfarm employment	0.99	0.98	0.97	0.97	0.97
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	1.00	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	1.39	1.35	1.35
Construction	1.40	1.42	1.23	1.25	1.24
Manufacturing	0.98	0.75	0.82	0.81	0.83
Wholesale trade	N/A	0.26	0.22	0.21	0.20
Retail trade	1.10	1.09	1.10	1.06	1.09
Transportation and warehousing	0.69	N/A	0.60	0.57	0.50
Information	0.46	0.51	0.50	0.52	0.51
Finance and insurance	0.85	0.68	0.68	0.68	0.69
Real estate and rental and leasing	1.22	1.28	1.47	1.37	1.38
Professional, scientific, and technical services	0.56	0.51	0.48	0.44	0.42
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.38	0.29	0.25	0.30	0.32
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	1.10	1.33	1.22	0.98	0.97
Accommodation and food services	1.22	1.27	1.20	1.18	1.20
Other services, except public administration	1.14	1.16	1.11	1.12	1.11
Government and government enterprises	0.86	0.88	0.92	0.91	0.93
Federal, civilian	0.75	0.76	0.81	0.77	0.79
Military	0.37	0.37	0.37	0.36	0.35
State and local	0.93	0.96	1.01	1.00	1.02
State government	0.94	0.93	1.00	1.01	1.00
Local government	0.93	0.97	1.01	1.00	1.03
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 2014		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	3,374	66.77
Proprietors employment	1,679	33.23
Farm proprietors employment	220	4.35
Nonfarm proprietors employment	1,459	28.87
By industry		0.00
Farm employment	325	6.43
Nonfarm employment	4,728	93.57
Private nonfarm employment	3,823	75.66
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	29	0.57
Construction	346	6.85
Manufacturing	135	2.67
Wholesale trade	25	0.49
Retail trade	578	11.44
Transportation and warehousing	61	1.21
Information	37	0.73
Finance and insurance	113	2.24
Real estate and rental and leasing	249	4.93
Professional, scientific, and technical services	149	2.95
Management of companies and enterprises	0	0.00
Administrative and waste management services	81	1.60
Educational services	(D)	N/A
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	108	2.14
Accommodation and food services	492	9.74
Other services, except public administration	288	5.70
Government and government enterprises	905	17.91
Federal, civilian	109	2.16
Military	29	0.57
State and local	767	15.18
State government	271	5.36
Local government	496	9.82
Total employment	5,053	100.00

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

Table 4: Sierra County Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	3,480	3,413	3,310	3,345	3,374
Proprietors employment	1,821	1,784	1,748	1,657	1,679
Farm proprietors employment	212	220	219	220	220
Nonfarm proprietors employment 2/	1,609	1,564	1,529	1,437	1,459
By industry					
Farm employment	326	329	327	339	325
Nonfarm employment	4,975	4,868	4,731	4,663	4,728
Private nonfarm employment	4,038	3,952	3,802	3,765	3,823
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	135	(D)	(D)	(D)	(D)
Utilities	(D)	(D)	30	29	29
Construction	429	411	338	346	346
Manufacturing	169	131	139	134	135
Wholesale trade	(D)	33	27	25	25
Retail trade	604	595	585	557	578
Transportation and warehousing	81	(D)	72	68	61
Information	39	41	39	39	37
Finance and insurance	147	117	113	110	113
Real estate and rental and leasing	244	250	268	245	249
Professional, scientific, and technical services	218	192	172	154	149
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	104	77	64	77	81
Educational services	(D)	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	(D)	(D)	(D)
Arts, entertainment, and recreation	126	150	137	108	108
Accommodation and food services	495	512	473	470	492
Other services, except public administration	308	313	286	282	288
Government and government enterprises	937	916	929	898	905
Federal, civilian	126	121	122	109	109
Military	32	33	32	31	29
State and local	779	762	775	758	767
State government	285	264	272	272	271
Local government	494	498	503	486	496
Total employment	5,301	5,197	5,058	5,002	5,053

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

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 2/	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: Sierra County, New Mexico and United States Percent of Employment by Industry 2014			
	United States	New Mexico	Sierra County
By type			
Wage and salary employment	77.98	78.77	66.77
Proprietors employment	22.02	21.23	33.23
Farm proprietors employment	0.99	1.98	4.35
Nonfarm proprietors employment	21.03	19.24	28.87
By industry			
Farm employment	1.42	2.61	6.43
Nonfarm employment	98.58	97.39	93.57
Private nonfarm employment	85.64	78.10	75.66
Forestry, fishing, and related activities	0.50	0.52	N/A
Mining	0.91	3.64	N/A
Utilities	0.31	0.43	0.57
Construction	5.17	5.54	6.85
Manufacturing	6.99	3.21	2.67
Wholesale trade	3.46	2.42	0.49
Retail trade	10.07	10.49	11.44
Transportation and warehousing	3.35	2.41	1.21
Information	1.78	1.44	0.73
Finance and insurance	5.29	3.25	2.24
Real estate and rental and leasing	4.38	3.57	4.93
Professional, scientific, and technical services	6.90	7.06	2.95
Management of companies and enterprises	1.26	0.51	0.00
Administrative and waste management services	6.32	5.05	1.60
Educational services	2.39	1.56	N/A
Health care and social assistance	11.21	11.57	N/A
Arts, entertainment, and recreation	2.23	2.20	2.14
Accommodation and food services	7.25	8.12	9.74
Other services, except public administration	5.86	5.13	5.70
Government and government enterprises	12.93	19.29	17.91
Federal, civilian	1.50	2.73	2.16
Military	1.07	1.62	0.57
State and local	10.36	14.94	15.18
State government	2.84	5.37	5.36
Local government	7.52	9.57	9.82
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 2010-2014

Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	65.65	65.67	65.44	66.87	66.77
Proprietors employment	34.35	34.33	34.56	33.13	33.23
Farm proprietors employment	4.00	4.23	4.33	4.40	4.35
Nonfarm proprietors employment	30.35	30.09	30.23	28.73	28.87
By industry					
Farm employment	6.15	6.33	6.47	6.78	6.43
Nonfarm employment	93.85	93.67	93.53	93.22	93.57
Private nonfarm employment	76.17	76.04	75.17	75.27	75.66
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	2.55	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	0.59	0.58	0.57
Construction	8.09	7.91	6.68	6.92	6.85
Manufacturing	3.19	2.52	2.75	2.68	2.67
Wholesale trade	N/A	0.63	0.53	0.50	0.49
Retail trade	11.39	11.45	11.57	11.14	11.44
Transportation and warehousing	1.53	N/A	1.42	1.36	1.21
Information	0.74	0.79	0.77	0.78	0.73
Finance and insurance	2.77	2.25	2.23	2.20	2.24
Real estate and rental and leasing	4.60	4.81	5.30	4.90	4.93
Professional, scientific, and technical services	4.11	3.69	3.40	3.08	2.95
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	1.96	1.48	1.27	1.54	1.60
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	2.38	2.89	2.71	2.16	2.14
Accommodation and food services	9.34	9.85	9.35	9.40	9.74
Other services, except public administration	5.81	6.02	5.65	5.64	5.70
Government and government enterprises	17.68	17.63	18.37	17.95	17.91
Federal, civilian	2.38	2.33	2.41	2.18	2.16
Military	0.60	0.63	0.63	0.62	0.57
State and local	14.70	14.66	15.32	15.15	15.18
State government	5.38	5.08	5.38	5.44	5.36
Local government	9.32	9.58	9.94	9.72	9.82
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
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					