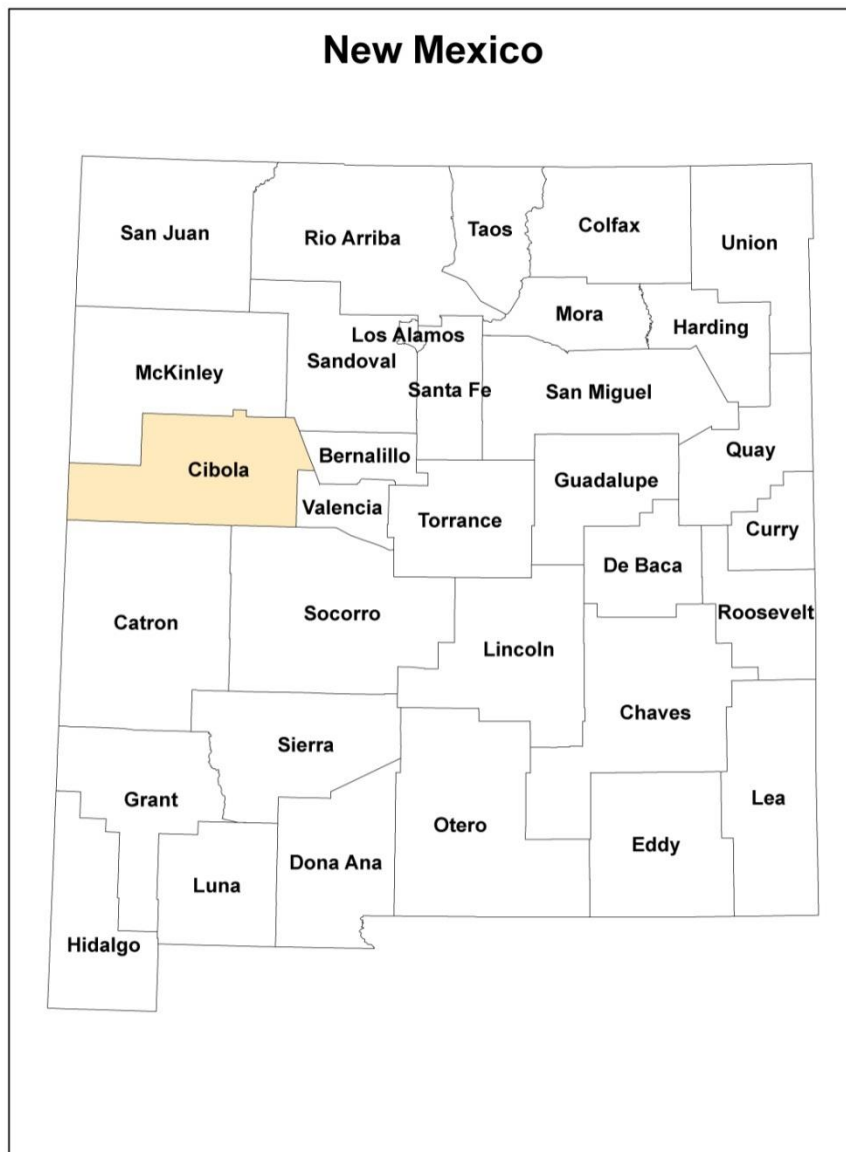




The Economic Base of Cibola County, NM

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

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

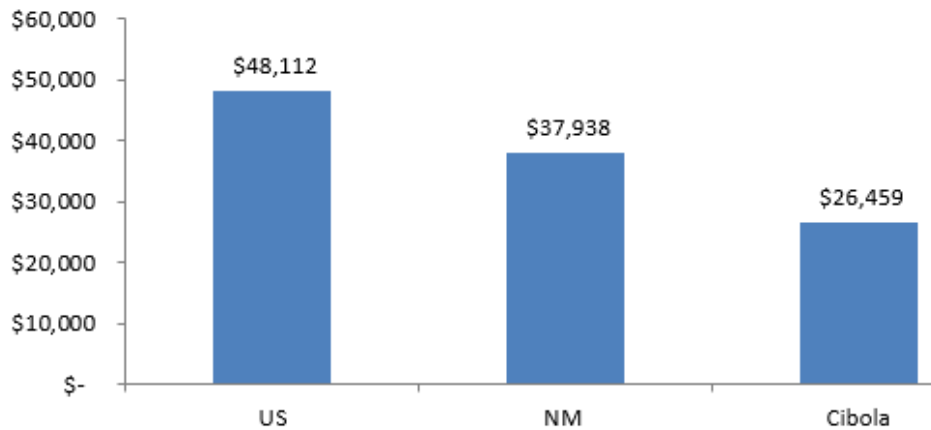
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

In this report, LQs are calculated for industries within Cibola County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). In this report, basic industries are identified 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 years preceding (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.

Cibola County, New Mexico

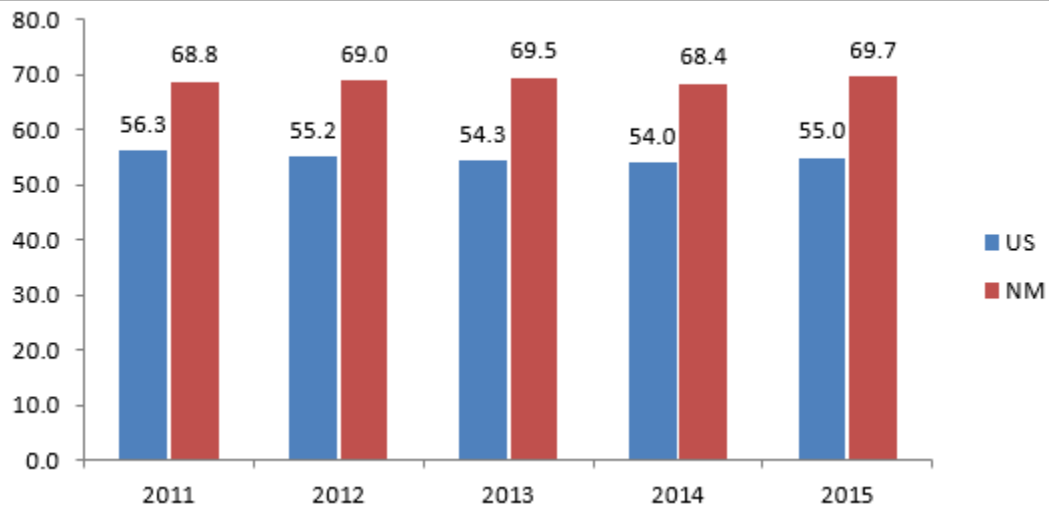
Cibola County is located in central western New Mexico and contains 4,539.48 square miles, or (3.74) percent of the land area in New Mexico. The population of Cibola County in 2015 was 27,329 which represented (1.31) percent of the state total and ranking 17th in the state of New Mexico in terms of population. The City of Grants with a population 9,239 contained 33.8 percent of the population of Cibola County (U.S Census Bureau, 2017). Between 2011 and 2015, Cibola County's population decreased by 0.69 percent from a population of 27,520 in 2011 to 27,329 in 2015. For comparison purposes, New Mexico's population increased by .33 percent during the same period and the United States population increased by 3.11 percent during the same period.

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



Per capita personal income in Cibola County in 2015 was \$26,459, ranking 32nd in the state, representing (69.7) percent of the corresponding state figure of \$37,938 and 54.99 percent of the national average of \$48,112 (See Figure 1 and 2). Despite having a relatively low per capita income with respect to the state and national figures, the growth rate of per capita income in Cibola County between 2011 and 2015 of 10.7 percent was higher than New Mexico (9.24 percent) and lower than the United States (13.33 percent) during the same period.

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



The total number of jobs in Cibola County was 10,444 in 2015. Between 2011 and 2015, total employment in Cibola County increased 3.65 percent, the state also saw an increased in employment of 2.88 percent while the nation’s employment increased by 7.89 percent. The Cibola County employment to population ratio was 0.38, which was lower than the state ratio (0.53) and the national ratio (0.59) in 2015.

In 2015, the Private sector employed 64.32 percent of all workers in Cibola County, while Government and government enterprises accounted for 31.46 percent of the total employment compared to Farm employment that accounted for 4.21 percent. The industries with the highest percentages of total employment in 2015 included: Retail trade (10.09), Accommodation and food services (6.2) and Administrative and Waste management services (5.62). In the public sector, State and local government were the largest employers (27.78 percent). Local government accounted for 22.35 percent of employment while State government accounted for 5.43 percent. Federal/civilian and military employment accounted for 3.06 percent and 0.62 percent of the total, respectively. Cibola County employment by sector for 2015 is displayed in Table 3.

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

Table 1 contains LQs for Cibola County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Cibola County from 2011 to 2015 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with an LQ greater than 1.0 have been shaded.

Farm employment, as part of the agricultural sector, is considered a basic industry for Cibola County with a LQ of 3.03 in 2015. Utilities was also found to be a basic industry as it's LQ was 6.75 for 2015 and was above 6.59 for the previous years with disclosed data.

Although data was not released for the mining sector to avoid disclosure of confidential information for the period of 2011 to 2015, mining has historically been basic industry in Cibola County.

For the public sector, the entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. In 2015, federal, state, and local government employment had LQs greater than 1.0. Federal/civilian employment had a LQ of 2.07 in 2015, reflecting the employment base of Cibola National Forest. Similarly, state government employment had a LQ of 1.95 in 2015, reflecting the employment base of Bluewater Lake State Park. In this analysis both industries, Federal/ civilian and State government, are considered basic economic sectors. In 2015, Local government had a LQ of 3.02. However, 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 Cibola County will be considered as a non-basic industry.

The data and analysis for 2015 suggests the following industries should be considered basic industries in Cibola County:

1. Farm employment with 440 jobs.
2. Federal civilian employment with 320 jobs.
3. State government employment with 567 jobs.
4. Utilities with 218 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 Cibola County the multiplier is equal to 6.75 (10,444 /1,545). This ratio suggests that the addition of each basic sector job in Cibola County would be associated with additional 6.75 non-basic sector jobs. The export base multiplier (6.75) calculated above reinforces the importance of basic (exporting) industries to the economy of Cibola 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 Cibola County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation. Also, employment data for Mining and Health care and social assistance sectors were not available in 2015. While they have traditionally been shown to be basic industries in the county, they were not included in the analysis due to unavailability of data.

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 the economic data and the U.S. Census for population data. The following are significant changes for Cibola County for the years preceding 2015. Between 2014 and 2015, the population of Cibola County increased by 0.17 percent, from 27,282 in 2014 to 27,329 in 2015. Per capita income increased by 5.56 percent from \$25,066 to \$26,459 from 2014 to 2015. Total employment increased by .86 percent, from 10,355 in 2014 to 10,444 in 2015 resulting in a gain of 89 jobs during this period. Due to unavailability of data for the Mining and Health care and social assistance sectors were not included as basic industries in this analysis. Retail trade, Administrative and waste management services, and Accommodation and food services are industries with LQs close to 1.0 that may entail further analysis in future years.

Tables 1 to 10 appear on pages 6-15

Table 1: Location Quotients for Cibola County (US Base) 2011-2015					
US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	1.05	1.04	1.05	1.04	1.04
Proprietors employment	0.83	0.85	0.83	0.85	0.85
Farm proprietors employment	3.66	3.98	4.07	4.13	4.22
Nonfarm proprietors employment	0.69	0.70	0.67	0.70	0.70
By industry					
Farm employment	2.76	2.90	2.97	2.98	3.03
Nonfarm employment	0.97	0.97	0.97	0.97	0.97
Private nonfarm employment	0.75	0.74	0.74	0.75	0.75
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	6.59	6.72	6.78	6.75
Construction	0.52	0.50	0.40	0.40	0.42
Manufacturing	0.19	0.18	0.20	0.23	0.23
Wholesale trade	0.58	0.60	0.62	0.60	0.66
Retail trade	0.97	0.96	0.99	0.98	1.00
Transportation and warehousing	N/A	0.40	0.40	0.40	0.39
Information	0.22	0.21	0.20	0.16	N/A
Finance and insurance	0.24	0.25	0.27	0.29	0.31
Real estate and rental and leasing	0.28	0.26	0.24	0.26	0.27
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	0.96	0.98	0.99	0.95	0.89
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	0.37	0.37	0.40	0.39	0.42
Accommodation and food services	0.99	0.96	0.93	0.90	0.84
Other services, except public administration	0.61	0.60	0.60	0.58	N/A
Government and government enterprises	2.32	2.42	2.44	2.47	2.48
Federal, civilian	2.01	2.08	2.07	2.05	2.07
Military	0.58	0.58	0.60	0.58	0.61
State and local	2.56	2.67	2.68	2.73	2.73
State government	1.96	1.90	1.95	2.00	1.95
Local government	2.78	2.95	2.96	3.00	3.02
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 2: Location Quotients for Cibola County (NM Base) 2011-2015

	2011	2012	2013	2014	2015
NM Based					
By type					
Wage and salary employment	1.04	1.03	1.04	1.03	1.03
Proprietors employment	0.86	0.88	0.86	0.89	0.89
Farm proprietors employment	2.01	2.04	2.07	2.07	2.08
Nonfarm proprietors employment	0.75	0.75	0.74	0.77	0.77
By industry					
Farm employment	1.61	1.60	1.59	1.63	1.60
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.83	0.82	0.82	0.82	0.82
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	4.96	4.91	4.99	5.00
Construction	0.46	0.46	0.37	0.37	0.40
Manufacturing	0.40	0.38	0.42	0.50	0.51
Wholesale trade	0.81	0.85	0.87	0.84	0.91
Retail trade	0.94	0.93	0.95	0.94	0.96
Transportation and warehousing	N/A	0.56	0.56	0.56	0.56
Information	0.26	0.24	0.23	0.19	N/A
Finance and insurance	0.40	0.41	0.44	0.46	0.50
Real estate and rental and leasing	0.34	0.32	0.30	0.32	0.33
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	1.14	1.21	1.21	1.19	1.14
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	0.37	0.37	0.40	0.39	0.41
Accommodation and food services	0.90	0.87	0.84	0.80	0.75
Other services, except public administration	0.68	0.68	0.68	0.66	N/A
Government and government enterprises	1.60	1.64	1.64	1.65	1.65
Federal, civilian	1.09	1.13	1.14	1.13	1.15
Military	0.40	0.39	0.39	0.38	0.40
State and local	1.83	1.88	1.88	1.88	1.87
State government	1.07	1.04	1.05	1.04	1.01
Local government	2.25	2.34	2.33	2.36	2.37
Total employment	1.0	1.0	1.0	1.00	1.00

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

Table 3: Cibola County, Total Employment by Industry 2015

	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	8,448	80.89
Proprietors employment	1,996	19.11
Farm proprietors employment	423	4.05
Nonfarm proprietors employment	1,573	15.06
By industry		
Farm employment	440	4.21
Nonfarm employment	10,004	95.79
Private nonfarm employment	6,718	64.32
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	218	2.09
Construction	229	2.19
Manufacturing	167	1.60
Wholesale trade	247	2.36
Retail trade	1,054	10.09
Transportation and warehousing	141	1.35
Information	(D)	N/A
Finance and insurance	165	1.58
Real estate and rental and leasing	128	1.23
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	587	5.62
Educational services	(D)	N/A
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	98	0.94
Accommodation and food services	648	6.20
Other services, except public administration	(D)	N/A
Government and government enterprises	3,286	31.46
Federal, civilian	320	3.06
Military	65	0.62
State and local	2,901	27.78
State government	567	5.43
Local government	2,334	22.35
Total employment	10,444	100.00

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

Table 4: Cibola County Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	8219	8410	8395	8404	8448
Proprietors employment	1857	1934	1888	1951	1996
Farm proprietors employment	393	424	426	423	423
Nonfarm proprietors employment 2/	1464	1510	1462	1528	1573
By industry					
Farm employment	416	439	443	438	440
Nonfarm employment	9660	9905	9840	9917	10004
Private nonfarm employment	6434	6539	6536	6610	6718
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	(D)	220	219	219	218
Construction	261	258	209	213	229
Manufacturing	136	133	143	164	167
Wholesale trade	204	218	221	220	247
Retail trade	994	1004	1027	1025	1054
Transportation and warehousing	(D)	137	137	139	141
Information	40	39	36	29	(D)
Finance and insurance	135	140	148	153	165
Real estate and rental and leasing	126	120	109	122	128
Professional, scientific, and technical serv	(D)	(D)	(D)	(D)	(D)
Management of companies and enterprises	(D)	(D)	(D)	(D)	(D)
Administrative and waste management ser	591	625	634	617	587
Educational services	(D)	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	(D)	(D)	(D)
Arts, entertainment, and recreation	82	84	91	90	98
Accommodation and food services	698	701	687	677	648
Other services, except public administrati	356	359	354	349	(D)
Government and government enterprises	3226	3366	3304	3307	3286
Federal, civilian	336	345	330	319	320
Military	69	69	69	64	65
State and local	2821	2952	2905	2924	2901
State government	590	577	577	587	567
Local government	2231	2375	2328	2337	2334
Total employment	10076	10344	10283	10355	10444

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 2/	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 serv	77,591	76,152	75,940	76,094	77,546
Management of companies and enterprise	5,491	5,449	5,503	5,632	5,814
Administrative and waste management ser	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 administrati	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 2/	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: Cibola County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Cibola County
By type			
Wage and salary employment	77.62	78.45	80.89
Proprietors employment	22.38	21.55	19.11
Farm proprietors employment	0.96	1.94	4.05
Nonfarm proprietors employment	21.42	19.61	15.06
By industry			
Farm employment	1.39	2.63	4.21
Nonfarm employment	98.61	97.37	95.79
Private nonfarm employment	85.92	78.34	64.32
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	2.09
Construction	5.23	5.53	2.19
Manufacturing	6.88	3.11	1.60
Wholesale trade	3.57	2.61	2.36
Retail trade	10.07	10.56	10.09
Transportation and warehousing	3.47	2.41	1.35
Information	1.78	1.46	N/A
Finance and insurance	5.07	3.16	1.58
Real estate and rental and leasing	4.59	3.69	1.23
Professional, scientific, and technical services	6.96	7.08	N/A
Management of companies and enterprises	1.28	0.53	N/A
Administrative and waste management services	6.32	4.94	5.62
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	0.94
Accommodation and food services	7.38	8.27	6.20
Other services, except public administration	5.80	5.07	N/A
Government and government enterprises	12.69	19.03	31.46
Federal, civilian	1.48	2.66	3.06
Military	1.03	1.54	0.62
State and local	10.19	14.82	27.78
State government	2.79	5.38	5.43
Local government	7.40	9.45	22.35
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: Cibola County Percent of Employment by Sectors 2011-2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	81.57	81.30	81.64	81.16	80.89
Proprietors employment	18.43	18.70	18.36	18.84	19.11
Farm proprietors employment	3.90	4.10	4.14	4.08	4.05
Nonfarm proprietors employment	14.53	14.60	14.22	14.76	15.06
By industry					
Farm employment	4.13	4.24	4.31	4.23	4.21
Nonfarm employment	95.87	95.76	95.69	95.77	95.79
Private nonfarm employment	63.85	63.22	63.56	63.83	64.32
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	2.13	2.13	2.11	2.09
Construction	2.59	2.49	2.03	2.06	2.19
Manufacturing	1.35	1.29	1.39	1.58	1.60
Wholesale trade	2.02	2.11	2.15	2.12	2.36
Retail trade	9.87	9.71	9.99	9.90	10.09
Transportation and warehousing	N/A	1.32	1.33	1.34	1.35
Information	0.40	0.38	0.35	0.28	N/A
Finance and insurance	1.34	1.35	1.44	1.48	1.58
Real estate and rental and leasing	1.25	1.16	1.06	1.18	1.23
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	5.87	6.04	6.17	5.96	5.62
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	0.81	0.81	0.88	0.87	0.94
Accommodation and food services	6.93	6.78	6.68	6.54	6.20
Other services, except public administration	3.53	3.47	3.44	3.37	N/A
Government and government enterprises	32.02	32.54	32.13	31.94	31.46
Federal, civilian	3.33	3.34	3.21	3.08	3.06
Military	0.68	0.67	0.67	0.62	0.62
State and local	28.00	28.54	28.25	28.24	27.78
State government	5.86	5.58	5.61	5.67	5.43
Local government	22.14	22.96	22.64	22.57	22.35
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

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

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

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