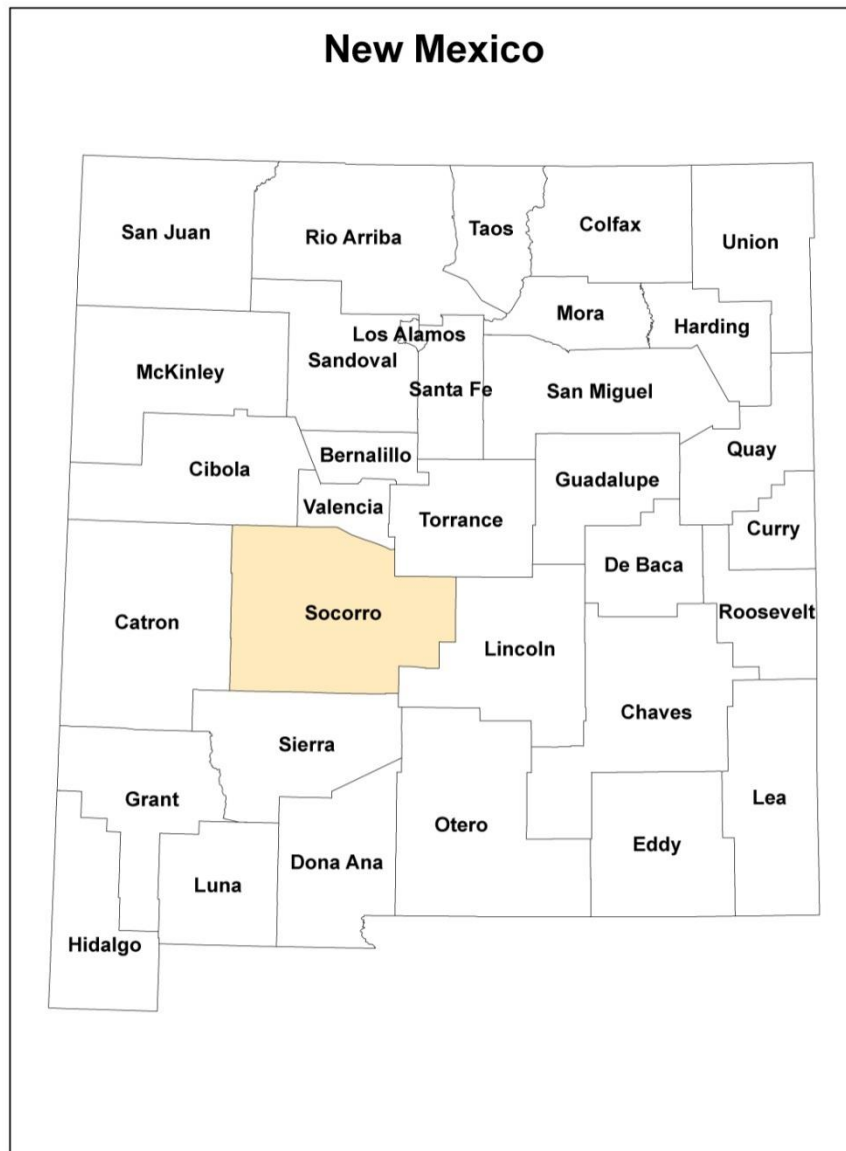




The Economic Base of Socorro County, NM

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

DATE: July 2017



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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:

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

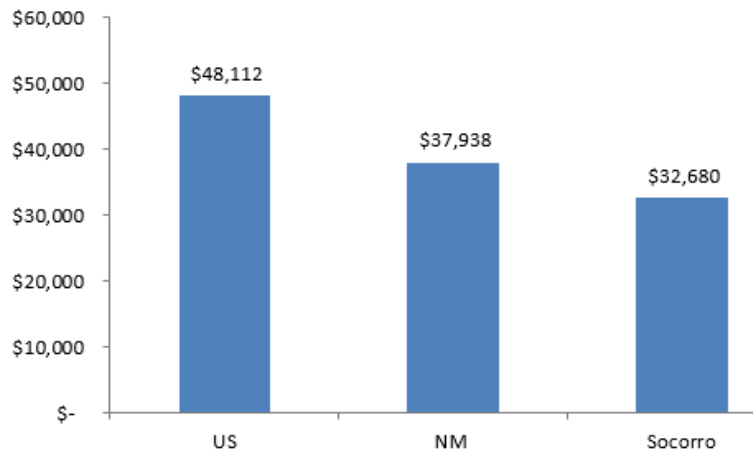
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

Socorro County, New Mexico

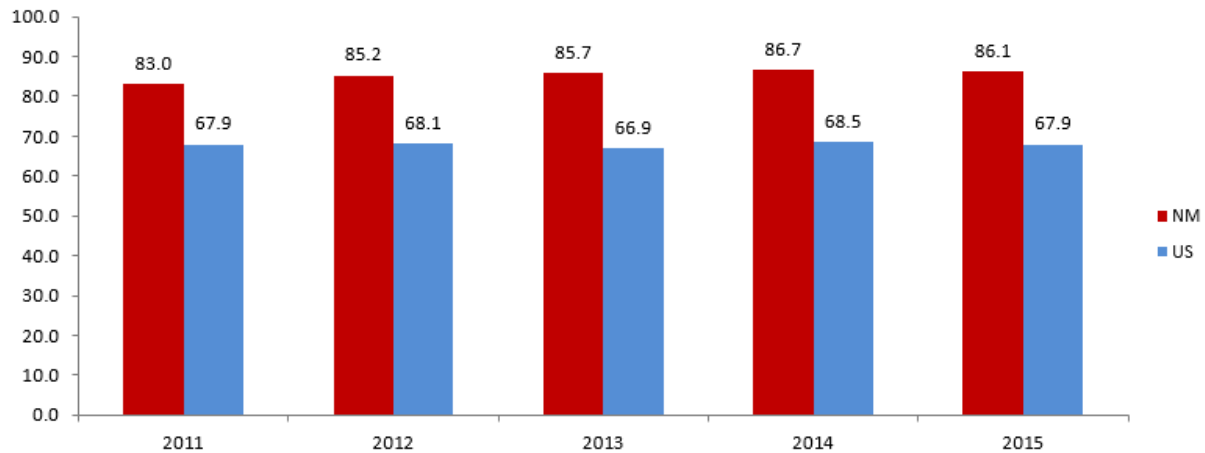
Socorro County is located in western central New Mexico and contains 6,646.68 square miles, or 5.48 percent of the land area in New Mexico. Socorro County's population in 2015 was 17,256, or 0.83 percent of the state total, and ranked 22nd among New Mexico's counties. The city of Socorro, with a population of 8,706 in 2015, contained 50.45 percent of Socorro County's population. Between 2011 and 2015, Socorro County's population decreased 3.15 percent, while New Mexico's population increased .33 percent and the nation's population increased by 3.11 percent.

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



Socorro County's per capita personal income was \$32,680 and ranked 23rd in the state in 2015 (See Figure 1). Socorro County's 2015 per capita income was 86.1 percent of the corresponding state figure (\$37,938), and 67.9 percent of the national average (\$48,112) (See Figure 2). Despite having a relatively low per capita income, the growth rate of per capita income in Socorro County from 2011 to 2015 was 13.41 percent, higher than that of both New Mexico (9.24) and the nation's (13.33).

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



Total employment in Socorro County was 7,936 in 2015. Total employment in Socorro County decreased 3.03 percent between 2011 and 2015, while the state saw an increase in employment of 2.88 percent and the nation's employment rate increased by 7.89 percent during the same period. The Socorro County employment to population ratio was 0.46, while New Mexico's 2015 employment to population ratio was 0.53 and the nation's ratio was 0.59.

Data on employment by industry for Socorro County is very limited, as the BEA does not disclose certain data for industries with few competing businesses due to confidentiality requirements. Also,

those industries with fewer than 10 total employees are not disclosed either. For both of these cases, however, industry data are included in annual countywide totals.

The Private sector employed 55.77 percent of all workers in Socorro County in 2015, while Government and government enterprises accounted for 33.85 percent, and Farm employment accounted for 10.38 percent of total employment in the county. The industries with the highest percentage of total employment included: Retail trade (7.98) and Professional and technical services (5.73). State and Local government were the largest employers in the public sector, at 18.32 percent and 12.71 percent of total employment, respectively; while Federal/civilian and Military employment accounted for 2.24 percent and 0.57 percent of the total, respectively. Socorro County employment by sector is displayed in Table 1.

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

Table 1 contains LQs for Socorro County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Socorro County from 2011 to 2015 calculated with respect to the state of New Mexico. In this analysis, a basic industry is defined as an industry with an LQ greater than 1.0 with respect to the U.S. employment. The sectors with an LQ greater than 1.0 have been shaded.

The importance of Agriculture to the economic base of Socorro County is reflected in the high LQ in Farm Employment. The LQ for Farm employment was 7.47 in 2015, and has been greater than 6.18 in all five years considered. Additionally, Professional and technical services, has traditionally been considered a basic economic activity in Socorro County, as this industry had an LQ above 1.0 from 2007 to 2010, however the LQ dropped below 1.0 from 2011 to 2015. Socorro Industrial Park and New Mexico Tech Industrial/Research Park, encompassing 800 acres and 650 acres of land, respectively, each accommodate a number of professional and research firms.

The entry labeled government and government enterprises is not a separate industry, but merely the aggregate of the other government categories. Federal civilian employment, State government, and Local government all had LQs greater than 1.0 in 2015. The large LQ for Federal civilian employment (1.52) reflects the employment base of the Bosque del Apache National Wildlife Refuge, located outside of the City of Socorro and administered by the U.S. Fish and Wildlife Service. State government has a high LQ (6.58) due to the economic base of New Mexico Institute of Mining and Technology, also located in Socorro. Though local government also has an LQ of 1.72, 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 San Miguel County will be considered as a non-basic industry.

The data and analysis suggest that the following industries should be considered basic industries in Socorro County:

1. Agriculture and related industries, accounted for 824 total jobs.
2. Federal civilian employment, accounted for 178 total jobs.
3. State government employment, accounted for 1,454 total jobs.

It is common in economic base studies to calculate what is known as an export-base multiplier. This multiplier is obtained by dividing total employment by basic sector employment. In the case of Socorro County, the multiplier is 3.23 (7,936/ 2,456). This ratio suggests that the addition of each basic sector job in Socorro County would be associated with an additional 3.23 non-basic sector jobs. The export base multiplier (3.23) calculated above reinforces the importance of basic (exporting) industries to the Socorro County economy. 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 Socorro 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 appropriate mix of such policies is often a result of public and private sector interaction in the context of the development of a community economic development plan.

Summary of 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. Socorro County's population in 2015 was 17,256, a .48 percent decrease from 17,340 in 2014. Socorro County's per capita personal income increased 2.82 percent in 2015 to \$32,680 from \$ 31,784 in 2014. The sector that includes Professional, scientific and technical services continues to not be included as a basic industry as the calculated LQ was below 1.0 in all of the years considered.

Tables 1 to 10 appear on pages 6-15

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

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.98	0.98	0.98	0.98	0.98
Proprietors employment	1.07	1.05	1.06	1.07	1.07
Farm proprietors employment	6.57	7.06	7.47	7.80	7.91
Nonfarm proprietors employment	0.79	0.76	0.76	0.76	0.77
By industry					
Farm employment	6.18	6.67	7.21	7.25	7.47
Nonfarm employment	0.92	0.92	0.91	0.91	0.91
Private nonfarm employment	0.64	0.64	0.65	0.65	0.65
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	N/A	N/A	N/A	N/A
Construction	0.44	0.43	0.46	0.41	0.40
Manufacturing	0.32	0.30	0.31	0.34	0.36
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	0.76	0.75	0.79	0.81	0.79
Transportation and warehousing	0.46	0.60	0.39	0.38	0.36
Information	0.31	0.27	0.25	0.24	0.21
Finance and insurance	0.37	0.40	0.40	0.23	0.26
Real estate and rental and leasing	0.43	0.42	0.42	0.37	0.37
Professional, scientific, and technical services	0.92	0.88	0.82	0.83	0.82
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.23	N/A	N/A	N/A	N/A
Health care and social assistance	0.94	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	0.48
Accommodation and food services	N/A	N/A	N/A	N/A	1.14
Other services, except public administration	0.67	0.66	0.68	0.68	0.67
Government and government enterprises	2.66	2.65	2.60	2.66	2.67
Federal, civilian	1.65	1.58	1.57	1.63	1.52
Military	0.50	0.50	0.53	0.52	0.55
State and local	3.05	3.05	2.97	3.02	3.05
State government	6.89	6.76	6.27	6.47	6.58
Local government	1.61	1.64	1.72	1.72	1.72
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 Socorro County (NM Base) 2011-2015

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.97	0.98	0.97	0.97	0.97
Proprietors employment	1.11	1.09	1.11	1.12	1.11
Farm proprietors employment	3.59	3.62	3.79	3.92	3.90
Nonfarm proprietors employment	0.86	0.82	0.83	0.84	0.84
By industry					
Farm employment	3.61	3.68	3.85	3.96	3.95
Nonfarm employment	0.93	0.93	0.92	0.92	0.92
Private nonfarm employment	0.70	0.70	0.71	0.71	0.71
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	N/A	N/A	N/A	N/A
Construction	0.39	0.40	0.42	0.38	0.38
Manufacturing	0.67	0.62	0.66	0.75	0.79
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	0.74	0.72	0.76	0.77	0.76
Transportation and warehousing	0.65	0.83	0.55	0.53	0.52
Information	0.36	0.31	0.29	0.30	0.26
Finance and insurance	0.62	0.66	0.66	0.38	0.42
Real estate and rental and leasing	0.52	0.51	0.52	0.46	0.46
Professional, scientific, and technical services	0.85	0.85	0.80	0.81	0.81
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.35	N/A	N/A	N/A	N/A
Health care and social assistance	0.90	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	0.48
Accommodation and food services	N/A	N/A	N/A	N/A	1.02
Other services, except public administration	0.74	0.75	0.78	0.78	0.77
Government and government enterprises	1.83	1.80	1.75	1.77	1.78
Federal, civilian	0.89	0.86	0.86	0.90	0.84
Military	0.35	0.33	0.35	0.34	0.37
State and local	2.18	2.15	2.07	2.09	2.09
State government	3.76	3.68	3.37	3.38	3.41
Local government	1.30	1.30	1.36	1.35	1.35
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: Socorro County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	6,031	76.00
Proprietors employment	1,905	24.00
Farm proprietors employment	602	7.59
Nonfarm proprietors employment	1,303	16.42
By industry		0.00
Farm employment	824	10.38
Nonfarm employment	7,112	89.62
Private nonfarm employment	4,426	55.77
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	(D)	N/A
Construction	167	2.10
Manufacturing	194	2.44
Wholesale trade	(D)	N/A
Retail trade	633	7.98
Transportation and warehousing	100	1.26
Information	30	0.38
Finance and insurance	105	1.32
Real estate and rental and leasing	135	1.70
Professional, scientific, and technical services	455	5.73
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	(D)	N/A
Educational services	(D)	N/A
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	86	1.08
Accommodation and food services	669	8.43
Other services, except public administration	310	3.91
Government and government enterprises	2,686	33.85
Federal, civilian	178	2.24
Military	45	0.57
State and local	2,463	31.04
State government	1,454	18.32
Local government	1,009	12.71
Total employment	7,936	100.00

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

Table 4: Socorro County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	6,243	6,347	6,084	5,955	6,031
Proprietors employment	1,941	1,916	1,877	1,863	1,905
Farm proprietors employment	572	601	605	603	602
Nonfarm proprietors employment 2/	1,369	1,315	1,272	1,260	1,303
By industry					
Farm employment	757	807	833	805	824
Nonfarm employment	7,427	7,456	7,128	7,013	7,112
Private nonfarm employment	4,424	4,505	4,399	4,331	4,426
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	(D)	(D)	(D)	(D)	(D)
Construction	179	179	185	166	167
Manufacturing	185	172	174	185	194
Wholesale trade	(D)	(D)	(D)	(D)	(D)
Retail trade	633	627	637	634	633
Transportation and warehousing	121	163	103	99	100
Information	46	40	35	34	30
Finance and insurance	169	179	171	94	105
Real estate and rental and leasing	159	152	148	131	135
Professional, scientific, and technical services	509	498	450	447	455
Management of companies and enterprises	(D)	(D)	(D)	(D)	(D)
Administrative and waste management services	(D)	(D)	(D)	(D)	(D)
Educational services	44	(D)	(D)	(D)	(D)
Health care and social assistance	844	(D)	(D)	(D)	(D)
Arts, entertainment, and recreation	(D)	(D)	(D)	(D)	86
Accommodation and food services	(D)	(D)	(D)	(D)	669
Other services, except public administration	316	318	312	311	310
Government and government enterprises	3,003	2,951	2,729	2,682	2,686
Federal, civilian	223	210	194	191	178
Military	48	47	47	43	45
State and local	2,732	2,694	2,488	2,448	2,463
State government	1,685	1,638	1,440	1,434	1,454
Local government	1,047	1,056	1,048	1,014	1,009
Total employment	8,184	8,263	7,961	7,818	7,936

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

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: Socorro County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Socorro County
By type			
Wage and salary employment	77.62	78.45	76.00
Proprietors employment	22.38	21.55	24.00
Farm proprietors employment	0.96	1.94	7.59
Nonfarm proprietors employment	21.42	19.61	16.42
By industry			
Farm employment	1.39	2.63	10.38
Nonfarm employment	98.61	97.37	89.62
Private nonfarm employment	85.92	78.34	55.77
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	N/A
Construction	5.23	5.53	2.10
Manufacturing	6.88	3.11	2.44
Wholesale trade	3.57	2.61	N/A
Retail trade	10.07	10.56	7.98
Transportation and warehousing	3.47	2.41	1.26
Information	1.78	1.46	0.38
Finance and insurance	5.07	3.16	1.32
Real estate and rental and leasing	4.59	3.69	1.70
Professional, scientific, and technical services	6.96	7.08	5.73
Management of companies and enterprises	1.28	0.53	N/A
Administrative and waste management services	6.32	4.94	N/A
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	1.08
Accommodation and food services	7.38	8.27	8.43
Other services, except public administration	5.80	5.07	3.91
Government and government enterprises	12.69	19.03	33.85
Federal, civilian	1.48	2.66	2.24
Military	1.03	1.54	0.57
State and local	10.19	14.82	31.04
State government	2.79	5.38	18.32
Local government	7.40	9.45	12.71
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: Socorro County Percent of Employment by Sectors 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	76.28	76.81	76.42	76.17	76.00
Proprietors employment	23.72	23.19	23.58	23.83	24.00
Farm proprietors employment	6.99	7.27	7.60	7.71	7.59
Nonfarm proprietors employment	16.73	15.91	15.98	16.12	16.42
By industry					
Farm employment	9.25	9.77	10.46	10.30	10.38
Nonfarm employment	90.75	90.23	89.54	89.70	89.62
Private nonfarm employment	54.06	54.52	55.26	55.40	55.77
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	N/A	N/A	N/A	N/A
Construction	2.19	2.17	2.32	2.12	2.10
Manufacturing	2.26	2.08	2.19	2.37	2.44
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	7.73	7.59	8.00	8.11	7.98
Transportation and warehousing	1.48	1.97	1.29	1.27	1.26
Information	0.56	0.48	0.44	0.43	0.38
Finance and insurance	2.07	2.17	2.15	1.20	1.32
Real estate and rental and leasing	1.94	1.84	1.86	1.68	1.70
Professional, scientific, and technical services	6.22	6.03	5.65	5.72	5.73
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.54	N/A	N/A	N/A	N/A
Health care and social assistance	10.31	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	1.08
Accommodation and food services	N/A	N/A	N/A	N/A	8.43
Other services, except public administration	3.86	3.85	3.92	3.98	3.91
Government and government enterprises	36.69	35.71	34.28	34.31	33.85
Federal, civilian	2.72	2.54	2.44	2.44	2.24
Military	0.59	0.57	0.59	0.55	0.57
State and local	33.38	32.60	31.25	31.31	31.04
State government	20.59	19.82	18.09	18.34	18.32
Local government	12.79	12.78	13.16	12.97	12.71
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

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

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