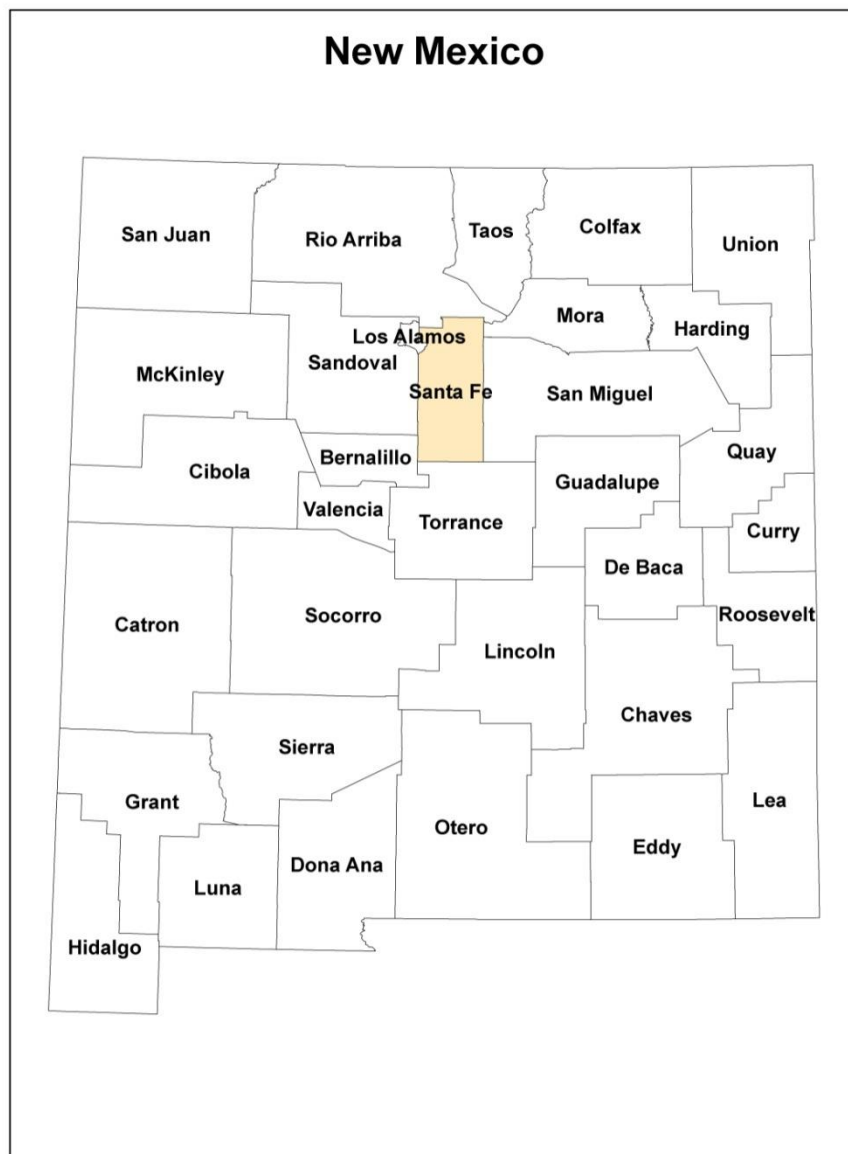




The Economic Base of Santa Fe County, NM

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

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

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

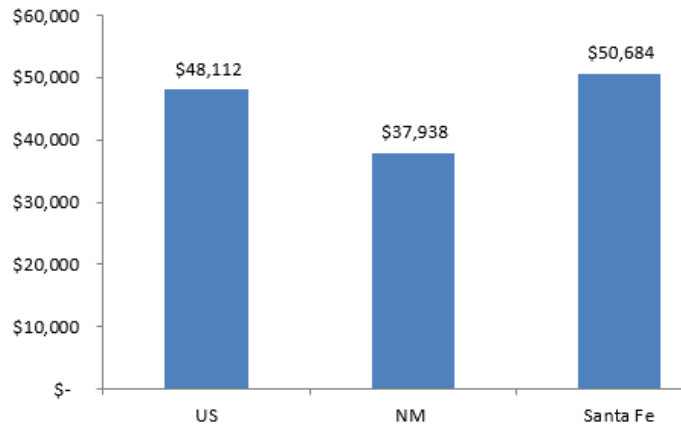
In this report, LQs are calculated for industries within Santa Fe County with the national employment as basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and 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.

Santa Fe County, New Mexico

Santa Fe County is located in northern central New Mexico and contains 1,909.41 square miles, or 1.57 percent of the land area in New Mexico. In 2015, Santa Fe County was the 3rd most populous county in the state of New Mexico with a population of 148,686 or 7.13% percent of the state total. In 2015, the City of Santa Fe, which serves as the capital to the state of New Mexico, had a population of 83,286 representing 56 percent of the county's population. Between 2011 and 2015, Santa Fe County's population increased by 2.26 percent, while New Mexico's population increased .33 percent and the nation's population increased 3.11 percent during the same period.

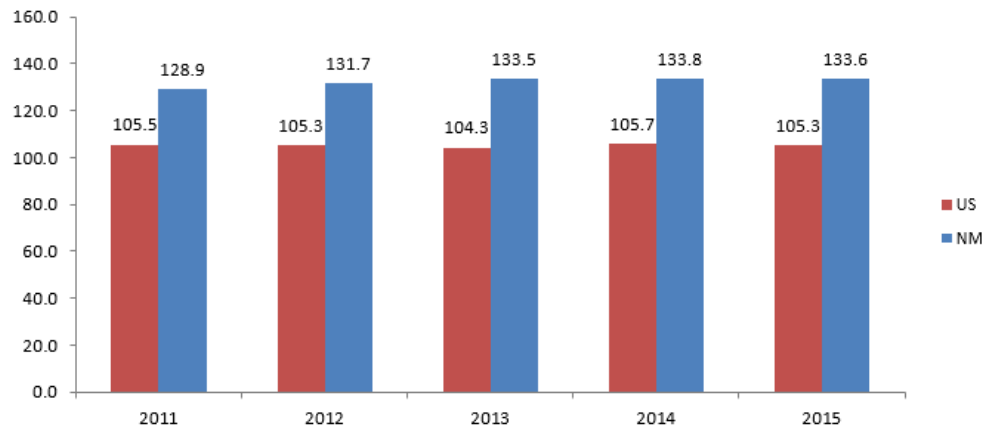
In 2015, per capita personal income in Santa Fe County was \$50,684 ranking 3rd in the state (See Figure 1). Per capita personal income for Santa Fe County in 2015 was 133.6 percent of the corresponding state figure of \$37,938 and 105.3 percent of the national average of \$48,112 (See Figure 2).

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



Per capita income in Santa Fe County increased 13.2 percent between 2011 and 2015, compared to the state percent growth of 9.24 percent and the nation’s per capita income percent growth of 13.33 percent.

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



Between 2011 and 2015, total employment in Santa Fe County increased by 2.9 percent, compared to the state figure of 2.88 percent and the national total employment growth rate of 7.89 percent. The Santa Fe County employment to population ratio was 0.64. The higher employment to population ratio for Santa Fe County compared to New Mexico (0.53) and United States (0.59) reflects the number of commuting workers mainly from surrounding counties for employment purposes to Santa Fe County, mainly to the City of Santa Fe.

Total employment for Santa Fe County in 2015 was 95,211. In 2015, 80.97 percent of all employment in Santa Fe County was in the private sector. Government and government enterprises accounted for 18.24 percent and Farm employment accounted for 0.79 percent of the total employment in the county. State government was the largest employer in the public sector with 9.39 percent, followed by 7.45 percent for local government. Federal / civilian employment accounted for 1 percent

while military employment accounted for 0.41 percent. In the private sector, the industries with the highest percentages of total employment included: Retail trade (11.36 percent), Health care and social assistance (11.52), and Accommodation and food services (9.81). Santa Fe County employment by sector is displayed in Table 3.

Basic and Non-Basic Industries in Santa Fe County, New Mexico

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

Within the private sector, tourism is considered important to the economic base of Santa Fe County as reflected in the LQs above 1.0 for: Arts, entertainment, and recreation (2.22), Accommodations and food services (1.33), and Real estate and rental and leasing (1.22). All three are considered basic economic activities.

The Professional and technical services sector, with a LQ of 1.12 in 2015, is considered a basic industry for Santa Fe County. Mining is also considered a basic industry in Santa Fe County. In 2015, this industry had a LQ of 1.46, reflecting the employment base of the Ortiz Mine Grant. Ortiz Mine Grant is a 90-square mile gold mine located 25 miles south of City of Santa Fe. In 2015, other sectors in the private sector with LQs higher than 1.0 include Retail trade with a LQ of 1.13, Educational services with a LQ of 1.25 and Health care and social assistance with LQ of 1.03. However, for Santa Fe County these industries are to be considered 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. In 2015, State government with a LQ of 3.37 and LQs greater than 3.29 in all years considered in this analysis, is considered a basic industry. State employment in Santa Fe is important because the City of Santa Fe serves as the Capital of the State of New Mexico and the Seat of State Government.

Local government had a LQ of 1.01 for 2015. However, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Santa Fe County will be considered a non-basic industry.

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

1. State government employment accounted for 8,936 jobs.
2. Accommodation and food services accounted for 9,337 jobs.
3. Professional and technical services accounted for 7,408 jobs.
4. Real estate and rental and leasing accounted for 5,321 jobs.
5. Arts, entertainment, and recreation accounted for 4,771 jobs.
6. Mining accounted for 1,101 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 Santa Fe County, the multiplier is equal to 2.58 (95,211 / 36,874). This ratio suggests that any additional basic sector job in Santa Fe County would be associated with additional 2.58 non-basic sector jobs. The export base multiplier (2.58) calculated above reinforces the importance of basic (exporting) industries to the economy of Santa Fe 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.

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. Santa Fe County increased in population from 147,977 in 2014 to 148,686 in 2015, representing a 0.48 percent increase. In 2015, per capita personal income in Santa Fe County was \$50,684, ranking 3rd in the state. From 2014 to 2015, per capita personal income for Santa Fe County increased by 3.36 percent from \$49,037 to \$50,684 in 2015. Total employment increased by 2.07 percent from 2014 to 2015, representing 1,935 added jobs. The Information sector was not included as a basic industry as the LQs consistently remained below 1.0 from 2011 to 2015.

Tables 1 to 10 appear on pages 7-16

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

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.90	0.90	0.90	0.89	0.89
Proprietors employment	1.34	1.36	1.37	1.39	1.39
Farm proprietors employment	0.57	0.63	0.64	0.65	0.66
Nonfarm proprietors employment	1.38	1.40	1.40	1.43	1.43
By industry					
Farm employment	0.50	0.55	0.56	0.56	0.57
Nonfarm employment	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	0.94	0.94	0.94	0.94	0.94
Forestry, fishing, and related activities	0.36	0.33	0.38	0.39	0.39
Mining	1.24	1.32	1.32	1.33	1.46
Utilities	0.45	0.47	0.47	0.48	0.49
Construction	1.01	1.01	1.01	0.96	0.94
Manufacturing	0.23	0.23	0.25	0.25	0.26
Wholesale trade	0.45	0.43	0.45	0.45	0.48
Retail trade	1.12	1.16	1.17	1.16	1.13
Transportation and warehousing	0.27	0.28	0.29	0.30	0.27
Information	0.94	0.84	0.92	0.90	0.93
Finance and insurance	0.70	0.72	0.74	0.71	0.69
Real estate and rental and leasing	1.27	1.26	1.24	1.22	1.22
Professional, scientific, and technical services	1.16	1.15	1.12	1.11	1.12
Management of companies and enterprises	0.25	0.22	0.22	0.22	0.26
Administrative and waste management services	0.63	0.60	0.62	0.61	0.62
Educational services	1.11	1.12	1.16	1.22	1.25
Health care and social assistance	1.04	1.03	0.99	0.99	1.03
Arts, entertainment, and recreation	2.12	2.10	2.13	2.22	2.22
Accommodation and food services	1.34	1.36	1.35	1.33	1.33
Other services, except public administration	1.13	1.12	1.11	1.14	1.14
Government and government enterprises	1.42	1.42	1.43	1.46	1.44
Federal, civilian	0.67	0.67	0.67	0.68	0.68
Military	0.37	0.38	0.39	0.39	0.40
State and local	1.65	1.65	1.65	1.68	1.65
State government	3.37	3.29	3.32	3.42	3.37
Local government	1.00	1.03	1.02	1.02	1.01
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 Santa Fe County (NM Base) 2011-2015

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.89	0.89	0.89	0.86	0.88
Proprietors employment	1.39	1.40	1.42	1.46	1.45
Farm proprietors employment	0.31	0.32	0.32	0.35	0.32
Nonfarm proprietors employment	1.50	1.51	1.54	1.57	1.56
By industry					
Farm employment	0.29	0.30	0.30	0.32	0.30
Nonfarm employment	1.02	1.02	1.02	1.02	1.02
Private nonfarm employment	1.03	1.03	1.03	1.04	1.03
Forestry, fishing, and related activities	0.36	0.34	0.39	0.39	0.37
Mining	0.33	0.36	0.34	0.39	0.35
Utilities	0.34	0.35	0.34	0.35	0.36
Construction	0.91	0.93	0.93	0.88	0.89
Manufacturing	0.48	0.48	0.53	0.52	0.57
Wholesale trade	0.63	0.61	0.62	0.64	0.66
Retail trade	1.09	1.12	1.12	1.12	1.08
Transportation and warehousing	0.39	0.38	0.41	0.44	0.39
Information	1.11	0.98	1.10	1.06	1.13
Finance and insurance	1.16	1.19	1.23	1.12	1.11
Real estate and rental and leasing	1.54	1.54	1.53	1.45	1.51
Professional, scientific, and technical services	1.08	1.10	1.10	1.04	1.10
Management of companies and enterprises	0.57	0.51	0.53	0.53	0.62
Administrative and waste management services	0.75	0.74	0.76	0.74	0.79
Educational services	1.69	1.73	1.81	1.78	1.91
Health care and social assistance	1.00	1.00	0.96	0.97	0.97
Arts, entertainment, and recreation	2.15	2.10	2.14	2.28	2.21
Accommodation and food services	1.21	1.24	1.22	1.25	1.19
Other services, except public administration	1.26	1.27	1.27	1.39	1.30
Government and government enterprises	0.98	0.97	0.96	0.94	0.96
Federal, civilian	0.36	0.36	0.37	0.33	0.37
Military	0.26	0.26	0.26	0.24	0.26
State and local	1.18	1.16	1.15	1.14	1.14
State government	1.84	1.79	1.79	1.78	1.75
Local government	0.81	0.82	0.80	0.78	0.79
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: Santa Fe County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	65,497	68.79
Proprietors employment	29,714	31.21
Farm proprietors employment	600	0.63
Nonfarm proprietors employment	29,114	30.58
By industry		
Farm employment	751	0.79
Nonfarm employment	94,460	99.21
Private nonfarm employment	77,095	80.97
Forestry, fishing, and related activities	188	0.20
Mining	1,101	1.16
Utilities	145	0.15
Construction	4,659	4.89
Manufacturing	1,685	1.77
Wholesale trade	1,632	1.71
Retail trade	10,819	11.36
Transportation and warehousing	907	0.95
Information	1,577	1.66
Finance and insurance	3,338	3.51
Real estate and rental and leasing	5,321	5.59
Professional, scientific, and technical services	7,408	7.78
Management of companies and enterprises	313	0.33
Administrative and waste management services	3,732	3.92
Educational services	2,916	3.06
Health care and social assistance	10,969	11.52
Arts, entertainment, and recreation	4,771	5.01
Accommodation and food services	9,337	9.81
Other services, except public administration	6,277	6.59
Government and government enterprises	17,365	18.24
Federal, civilian	950	1.00
Military	388	0.41
State and local	16,027	16.83
State government	8,936	9.39
Local government	7,091	7.45
Total employment	95,211	100.00

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

Table 4: Santa Fe County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	64,948	64,433	64,706	64,407	65,497
Proprietors employment	27,584	27,461	28,140	28,869	29,714
Farm proprietors employment	557	599	603	601	600
Nonfarm proprietors employment 2/	27,027	26,862	27,537	28,268	29,114
By industry					
Farm employment	686	739	758	738	751
Nonfarm employment	91,846	91,155	92,088	92,538	94,460
Private nonfarm employment	73,725	73,541	74,568	75,005	77,095
Forestry, fishing, and related activities	164	152	176	185	188
Mining	809	1,052	1,076	1,058	1,101
Utilities	135	140	138	140	145
Construction	4,668	4,640	4,766	4,591	4,659
Manufacturing	1,479	1,480	1,635	1,626	1,685
Wholesale trade	1,450	1,382	1,438	1,469	1,632
Retail trade	10,553	10,801	10,927	10,905	10,819
Transportation and warehousing	817	831	902	944	907
Information	1,586	1,384	1,531	1,494	1,577
Finance and insurance	3,589	3,602	3,709	3,445	3,338
Real estate and rental and leasing	5,307	5,081	5,074	5,165	5,321
Professional, scientific, and technical services	7,276	7,185	7,184	7,161	7,408
Management of companies and enterprises	273	241	250	256	313
Administrative and waste management services	3,554	3,394	3,566	3,592	3,732
Educational services	2,394	2,409	2,566	2,733	2,916
Health care and social assistance	10,620	10,656	10,295	10,340	10,969
Arts, entertainment, and recreation	4,312	4,285	4,380	4,643	4,771
Accommodation and food services	8,680	8,859	8,980	9,056	9,337
Other services, except public administration	6,059	5,967	5,975	6,202	6,277
Government and government enterprises	18,121	17,614	17,520	17,533	17,365
Federal, civilian	1,030	983	961	950	950
Military	403	406	407	381	388
State and local	16,688	16,225	16,152	16,202	16,027
State government	9,306	8,869	8,904	9,041	8,936
Local government	7,382	7,356	7,248	7,161	7,091
Total employment	92,532	91,894	92,846	93,276	95,211
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: Santa Fe County, New Mexico and United States Percent of Employment by Industry 2015

	United States	New Mexico	Santa Fe County
By type			
Wage and salary employment	77.62	78.45	68.79
Proprietors employment	22.38	21.55	31.21
Farm proprietors employment	0.96	1.94	0.63
Nonfarm proprietors employment	21.42	19.61	30.58
By industry			
Farm employment	1.39	2.63	0.79
Nonfarm employment	98.61	97.37	99.21
Private nonfarm employment	85.92	78.34	80.97
Forestry, fishing, and related activities	0.51	0.54	0.20
Mining	0.79	3.28	1.16
Utilities	0.31	0.42	0.15
Construction	5.23	5.53	4.89
Manufacturing	6.88	3.11	1.77
Wholesale trade	3.57	2.61	1.71
Retail trade	10.07	10.56	11.36
Transportation and warehousing	3.47	2.41	0.95
Information	1.78	1.46	1.66
Finance and insurance	5.07	3.16	3.51
Real estate and rental and leasing	4.59	3.69	5.59
Professional, scientific, and technical services	6.96	7.08	7.78
Management of companies and enterprises	1.28	0.53	0.33
Administrative and waste management services	6.32	4.94	3.92
Educational services	2.45	1.60	3.06
Health care and social assistance	11.20	11.83	11.52
Arts, entertainment, and recreation	2.26	2.27	5.01
Accommodation and food services	7.38	8.27	9.81
Other services, except public administration	5.80	5.07	6.59
Government and government enterprises	12.69	19.03	18.24
Federal, civilian	1.48	2.66	1.00
Military	1.03	1.54	0.41
State and local	10.19	14.82	16.83
State government	2.79	5.38	9.39
Local government	7.40	9.45	7.45
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: Santa Fe County Percent of Employment by Sectors 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	70.19	70.12	69.69	69.05	68.79
Proprietors employment	29.81	29.88	30.31	30.95	31.21
Farm proprietors employment	0.60	0.65	0.65	0.64	0.63
Nonfarm proprietors employment	29.21	29.23	29.66	30.31	30.58
By industry					
Farm employment	0.74	0.80	0.82	0.79	0.79
Nonfarm employment	99.26	99.20	99.18	99.21	99.21
Private nonfarm employment	79.68	80.03	80.31	80.41	80.97
Forestry, fishing, and related activities	0.18	0.17	0.19	0.20	0.20
Mining	0.87	1.14	1.16	1.13	1.16
Utilities	0.15	0.15	0.15	0.15	0.15
Construction	5.04	5.05	5.13	4.92	4.89
Manufacturing	1.60	1.61	1.76	1.74	1.77
Wholesale trade	1.57	1.50	1.55	1.57	1.71
Retail trade	11.40	11.75	11.77	11.69	11.36
Transportation and warehousing	0.88	0.90	0.97	1.01	0.95
Information	1.71	1.51	1.65	1.60	1.66
Finance and insurance	3.88	3.92	3.99	3.69	3.51
Real estate and rental and leasing	5.74	5.53	5.46	5.54	5.59
Professional, scientific, and technical services	7.86	7.82	7.74	7.68	7.78
Management of companies and enterprises	0.30	0.26	0.27	0.27	0.33
Administrative and waste management services	3.84	3.69	3.84	3.85	3.92
Educational services	2.59	2.62	2.76	2.93	3.06
Health care and social assistance	11.48	11.60	11.09	11.09	11.52
Arts, entertainment, and recreation	4.66	4.66	4.72	4.98	5.01
Accommodation and food services	9.38	9.64	9.67	9.71	9.81
Other services, except public administration	6.55	6.49	6.44	6.65	6.59
Government and government enterprises	19.58	19.17	18.87	18.80	18.24
Federal, civilian	1.11	1.07	1.04	1.02	1.00
Military	0.44	0.44	0.44	0.41	0.41
State and local	18.03	17.66	17.40	17.37	16.83
State government	10.06	9.65	9.59	9.69	9.39
Local government	7.98	8.00	7.81	7.68	7.45
Total employment	100.00	100.00	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's 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	79.87	78.45
Proprietors employment	21.40	21.35	21.28	21.13	21.55
Farm proprietors employment	1.94	2.01	2.00	1.86	1.94
Nonfarm proprietors employment	19.46	19.34	19.28	19.27	19.61
By industry					
Farm employment	2.56	2.66	2.72	2.47	2.63
Nonfarm employment	97.44	97.34	97.28	97.53	97.37
Private nonfarm employment	77.36	77.50	77.69	77.47	78.34
Forestry, fishing, and related activities	0.49	0.48	0.49	0.50	0.54
Mining	2.66	3.21	3.42	2.92	3.28
Utilities	0.43	0.43	0.43	0.43	0.42
Construction	5.57	5.43	5.51	5.60	5.53
Manufacturing	3.36	3.35	3.30	3.32	3.11
Wholesale trade	2.49	2.48	2.48	2.44	2.61
Retail trade	10.47	10.48	10.49	10.43	10.56
Transportation and warehousing	2.28	2.38	2.37	2.30	2.41
Information	1.55	1.54	1.49	1.52	1.46
Finance and insurance	3.34	3.29	3.24	3.30	3.16
Real estate and rental and leasing	3.73	3.58	3.58	3.81	3.69
Professional, scientific, and technical services	7.28	7.13	7.06	7.37	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	5.22	4.94
Educational services	1.53	1.51	1.52	1.65	1.60
Health care and social assistance	11.42	11.54	11.51	11.43	11.83
Arts, entertainment, and recreation	2.17	2.22	2.21	2.19	2.27
Accommodation and food services	7.73	7.80	7.95	7.74	8.27
Other services, except public administration	5.18	5.12	5.05	4.80	5.07
Government and government enterprises	20.07	19.85	19.60	20.06	19.03
Federal, civilian	3.06	2.96	2.82	3.06	2.66
Military	1.70	1.70	1.71	1.71	1.54
State and local	15.31	15.18	15.07	15.29	14.82
State government	5.47	5.39	5.37	5.46	5.38
Local government	9.84	9.79	9.70	9.83	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