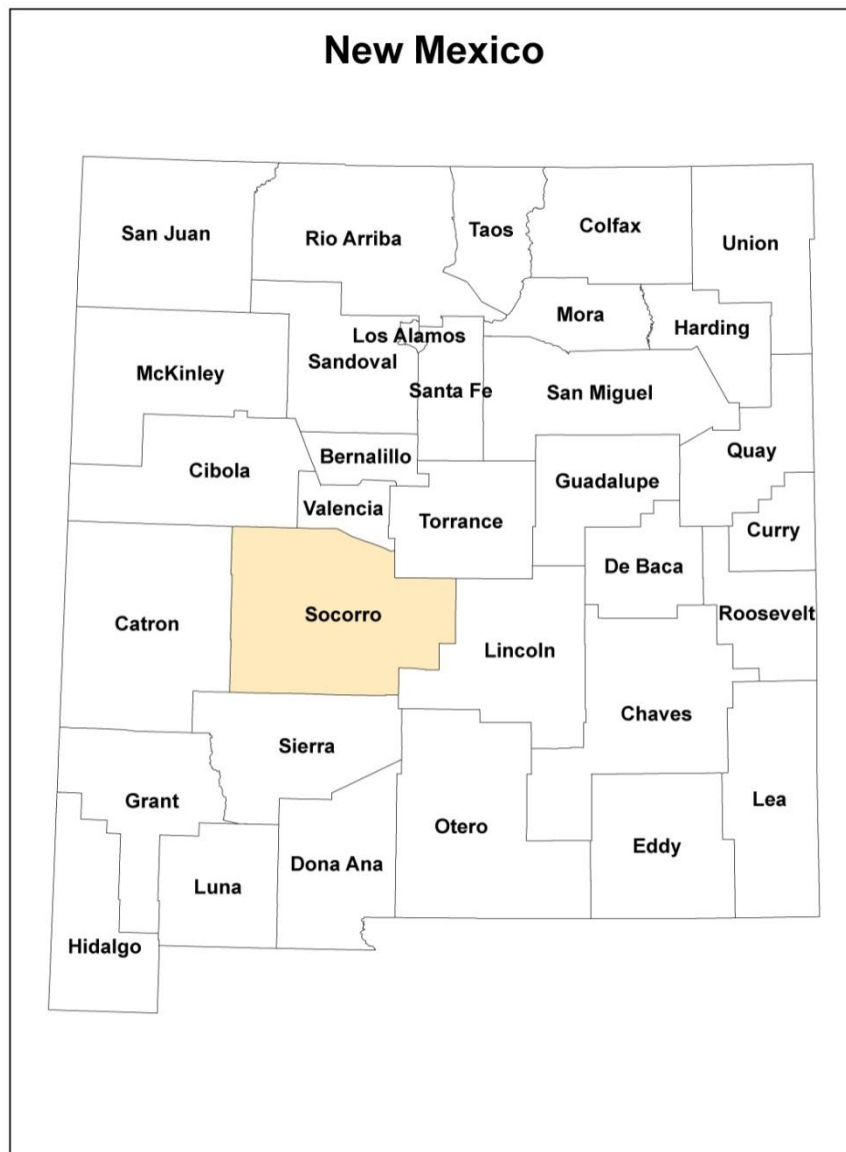


The Economic Base of Socorro County, NM

**PREPARED BY: Arrowhead Center,
New Mexico State University**

DATE: July 2020



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Introduction

This report is one of 35 economic base studies prepared by 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. Erin Sumner, a graduate student in the NMSU Doctorate of 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:

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

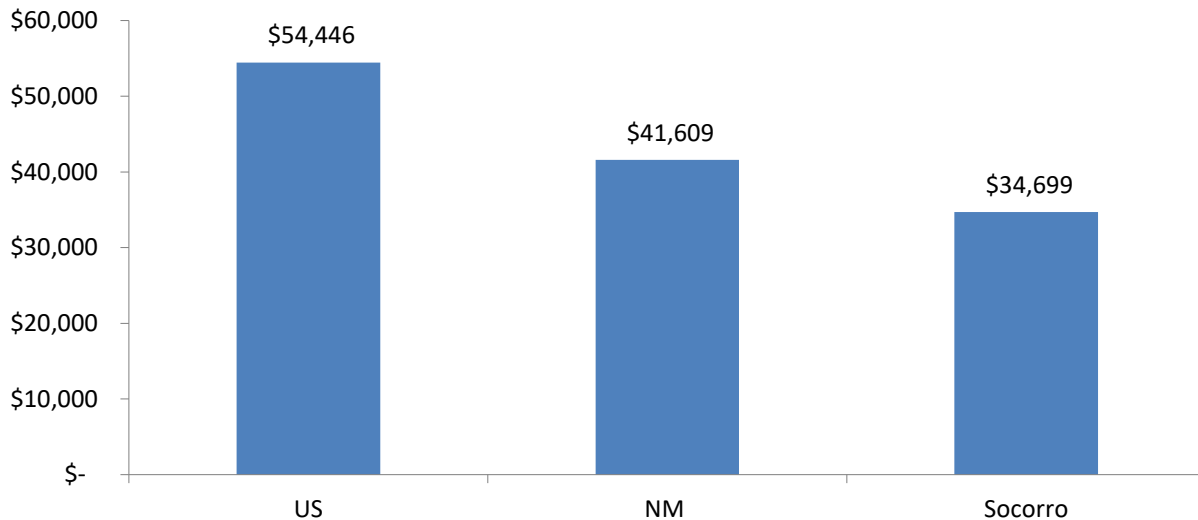
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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 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 (2014-2018). 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

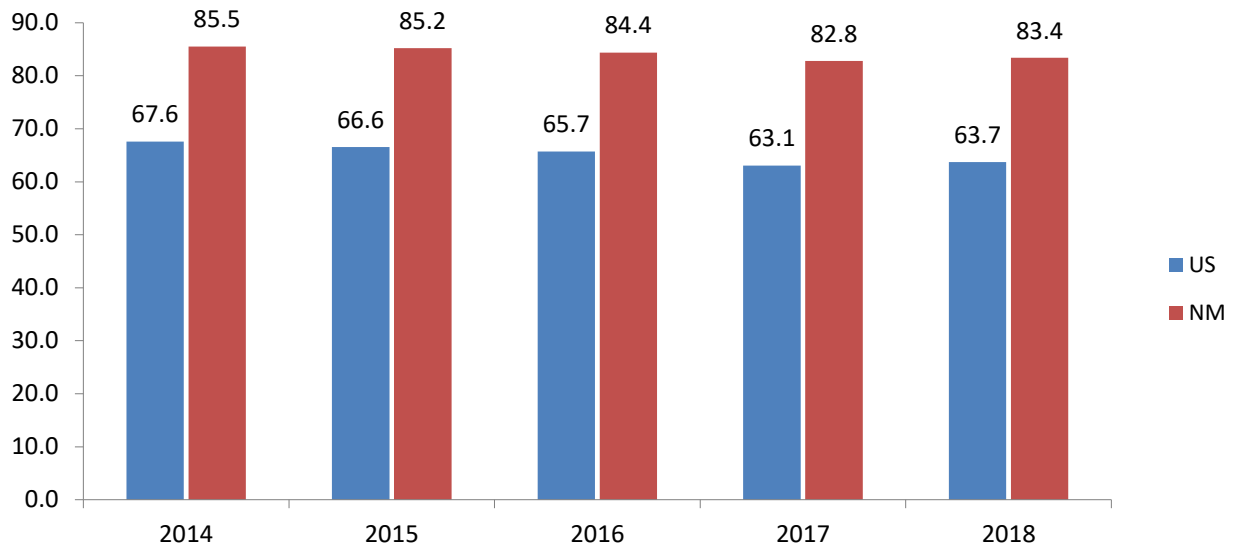
Socorro County is located in western central New Mexico and contains 6,646.68 square miles, or 5.48 percent of the land area in New Mexico. Socorro County's population in 2018 was 16,735 or 0.80 percent of the state total and ranked 22nd among New Mexico's counties. The city of Socorro with a population of 8,554 in 2018 contained 51.11 percent of Socorro County's population. Between 2014 and 2018, Socorro County's population decreased by 3.08 percent, while New Mexico's population increased by 0.24 percent and the nation's population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: Socorro County (2018)



Socorro County's per capita personal income was \$34,699 in 2018 (See Figure 1). Socorro County's 2018 per capita income was 83.39 percent of the corresponding state figure (\$41,609), and 63.73 percent of the national average (\$54,446) (See Figure 2). Between 2014 and 2018, the per capita income growth rate of Socorro County increased by 9.10 percent compared to the state and national growth rates of 11.91 percent and 15.70 percent, respectively.

Figure 2. Per Capita Personal Income of Socorro County as a Percent of U.S. and New Mexico (2014-2018)



Total employment in Socorro County was 7,883 in 2018. Total employment in Socorro County increased by 0.69 percent between 2014 and 2018, while the state saw an increase in employment of 2.93 percent and the nation’s employment rate increased by 7.79 percent during the same period. The Socorro County employment to population ratio was 0.47, while New Mexico’s 2018 employment to population ratio was 0.53 and the nation’s ratio was 0.61.

Data on employment by industry for Socorro County is 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. For both of these cases industry data are included in annual countywide totals.

The Private sector employed 55.87 percent of all workers in Socorro County in 2018, while Government and Government Enterprises accounted for 33.71 percent of total employment, and Farm employment accounted for 10.43 percent of total employment in the county. The industries with the highest percentage of total employment included: Retail Trade (7.56), Accommodation and Food Services (8.55), and Professional, Scientific, and Technical services (6.14). State and Local government were the largest employers in the public sector, at 18.65 percent and 12.33 percent of total employment, respectively. Federal/civilian and

Military employment accounted for 2.21 percent and 0.52 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 2 contains LQs for Socorro County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Socorro County from 2014 to 2018 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 8.04 in 2018 and has been greater than 7.26 in all five years considered.

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 2018. The large LQ for Federal/civilian employment of 1.56 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 of 6.94 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. Additionally, Accommodation and Food Services had an LQ of 1.14 in 2018 but it is best viewed as a support or non-basic industry in Socorro County.

The data and analysis suggest that in 2018 the following industries should be considered basic industries in Socorro County:

1. Agriculture and related industries including Farm employment, accounted for 822 total jobs.

2. Federal/civilian employment, accounted for 174 total jobs.
3. State government employment, accounted for 1,470 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 3.20 (7,883/2,466). This ratio suggests that the addition of each basic sector job in Socorro County would be associated with an additional 3.20 non-basic sector jobs. The export base multiplier (3.20) 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 2018 was 16,735, a 0.89 percent decrease from 16,885 in 2017. Socorro County's per capita personal income increased by 6.05 percent, from \$32,718 in 2017 to \$34,699 in 2018. Total employment increased by 0.27 percent in 2018, an increase of 21 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Socorro Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	5955	6039	6184	5996	5990
Proprietors employment	1874	1828	1834	1866	1893
Farm proprietors employment	605	609	608	609	601
Nonfarm proprietors employment 2/	1269	1219	1226	1257	1292
By industry					
Farm employment	807	831	856	833	822
Nonfarm employment	7022	7036	7162	7029	7061
Private nonfarm employment	4340	4350	4453	4377	4404
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	166	162	180	152	152
Manufacturing	185	190	196	178	184
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	633	617	647	611	596
Transportation and warehousing	99	103	97	118	126
Information	34	26	25	26	25
Finance and insurance	102	102	115	107	117
Real estate and rental and leasing	130	134	136	157	158
Professional, scientific, and technical services	448	446	443	463	484
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	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	N/A	82	86	85	89
Accommodation and food services	N/A	671	688	672	674
Other services, except public administration	310	307	301	294	288
Government and government enterprises	2682	2686	2709	2652	2657
Federal, civilian	191	178	182	175	174
Military	45	43	46	42	41
State and local	2446	2465	2481	2435	2442
State government	1433	1456	1453	1433	1470
Local government	1013	1009	1028	1002	972
Total employment	7,829	7,867	8,018	7,862	7,883

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 2: Location Quotients for Socorro (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.98	0.99	0.99	0.99	0.99
Proprietors employment	1.07	1.04	1.02	1.04	1.04
Farm proprietors employment	7.82	8.06	8.07	8.46	8.55
Nonfarm proprietors employment	0.76	0.72	0.71	0.73	0.74
By industry					
Farm employment	7.26	7.60	7.83	7.96	8.04
Nonfarm employment	0.91	0.91	0.91	0.91	0.91
Private nonfarm employment	0.65	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	0.41	0.40	0.42	0.36	0.35
Manufacturing	0.34	0.35	0.36	0.34	0.35
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	0.80	0.78	0.81	0.79	0.79
Transportation and warehousing	0.37	0.36	0.32	0.35	0.34
Information	0.24	0.19	0.18	0.19	0.18
Finance and insurance	0.25	0.25	0.27	0.26	0.29
Real estate and rental and leasing	0.37	0.37	0.37	0.43	0.42
Professional, scientific, and technical services	0.83	0.81	0.79	0.84	0.87
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	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	N/A	0.47	0.48	0.47	0.48
Accommodation and food services	N/A	1.16	1.15	1.14	1.14
Other services, except public administration	0.68	0.66	0.65	0.67	0.65
Government and government enterprises	2.65	2.69	2.69	2.72	2.76
Federal, civilian	1.63	1.53	1.54	1.53	1.56
Military	0.54	0.53	0.58	0.55	0.54
State and local	3.02	3.08	3.06	3.10	3.15
State government	6.40	6.58	6.54	6.66	6.94
Local government	1.73	1.74	1.75	1.76	1.72
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 3: Location Quotients for Socorro (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.97	0.97	0.98	0.97	0.97
Proprietors employment	1.12	1.09	1.08	1.11	1.12
Farm proprietors employment	3.89	3.92	3.85	3.95	4.00
Nonfarm proprietors employment	0.84	0.80	0.80	0.82	0.84
By industry					
Farm employment	3.94	3.97	3.90	4.01	4.06
Nonfarm employment	0.92	0.92	0.92	0.92	0.92
Private nonfarm employment	0.71	0.71	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	0.38	0.41	0.34	0.33
Manufacturing	0.75	0.77	0.80	0.76	0.78
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	0.77	0.75	0.78	0.77	0.76
Transportation and warehousing	0.53	0.52	0.50	0.55	0.54
Information	0.30	0.23	0.21	0.23	0.23
Finance and insurance	0.41	0.41	0.44	0.42	0.46
Real estate and rental and leasing	0.46	0.47	0.46	0.54	0.53
Professional, scientific, and technical services	0.81	0.80	0.78	0.81	0.84
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	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	N/A	0.47	0.49	0.47	0.48
Accommodation and food services	N/A	1.03	1.01	1.00	1.00
Other services, except public administration	0.78	0.76	0.74	0.75	0.72
Government and government enterprises	1.77	1.79	1.77	1.80	1.83
Federal, civilian	0.90	0.85	0.84	0.83	0.85
Military	0.35	0.35	0.37	0.34	0.33
State and local	2.08	2.11	2.09	2.13	2.17
State government	3.38	3.43	3.37	3.48	3.64
Local government	1.35	1.35	1.36	1.37	1.35
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 4: Socorro, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	5,990	75.99
Proprietors employment	1,893	24.01
Farm proprietors employment	601	7.62
Nonfarm proprietors employment	1,292	16.39
By industry		
Farm employment	822	10.43
Nonfarm employment	7,061	89.57
Private nonfarm employment	4,404	55.87
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	N/A	N/A
Construction	152	1.93
Manufacturing	184	2.33
Wholesale trade	N/A	N/A
Retail trade	596	7.56
Transportation and warehousing	126	1.60
Information	25	0.32
Finance and insurance	117	1.48
Real estate and rental and leasing	158	2.00
Professional, scientific, and technical services	484	6.14
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	N/A	N/A
Educational services	N/A	N/A
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	89	1.13
Accommodation and food services	674	8.55
Other services, except public administration	288	3.65
Government and government enterprises	2,657	33.71
Federal, civilian	174	2.21
Military	41	0.52
State and local	2,442	30.98
State government	1,470	18.65
Local government	972	12.33
Total employment	7,883	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 5: New Mexico Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	852,638	859,962	861,216	862,809	875,574
Proprietors employment	231,134	232,022	231,421	234,860	240,000
Farm proprietors employment	21,557	21,579	21,534	21,511	21,243
Nonfarm proprietors employment 2/	209,577	210,443	209,887	213,349	218,757
By industry					
Farm employment	28,346	29,040	29,884	29,031	28,687
Nonfarm employment	1,055,426	1,062,944	1,062,753	1,068,638	1,086,887
Private nonfarm employment	845,767	854,456	854,248	862,552	881,228
Forestry, fishing, and related activities	5,674	5,541	5,820	5,989	6,157
Mining	38,214	36,656	31,809	31,204	34,490
Utilities	4,591	4,684	4,900	4,623	4,576
Construction	59,584	59,707	60,008	62,061	64,328
Manufacturing	34,027	34,157	33,187	32,562	33,596
Wholesale trade	28,854	28,501	25,380	24,989	24,563
Retail trade	113,924	114,887	113,636	111,466	111,663
Transportation and warehousing	25,905	27,245	26,673	30,016	32,916
Information	15,725	15,587	16,001	15,491	15,297
Finance and insurance	34,781	34,461	35,685	35,674	36,018
Real estate and rental and leasing	39,111	39,659	39,865	40,497	41,842
Professional, scientific, and technical services	76,116	77,543	77,750	79,918	81,618
Management of companies and enterprises	5,632	5,875	6,336	6,143	6,488
Administrative and waste management services	54,370	52,996	53,892	56,396	57,515
Educational services	16,709	16,959	17,013	17,048	17,004
Health care and social assistance	124,796	129,722	134,264	134,791	135,667
Arts, entertainment, and recreation	24,227	24,245	24,150	25,154	26,008
Accommodation and food services	88,297	90,194	92,523	93,512	95,173
Other services, except public administration	55,230	55,837	55,356	55,018	56,309
Government and government enterprises	209,659	208,488	208,505	206,086	205,659
Federal, civilian	29,451	29,188	29,385	29,281	28,881
Military	17,809	16,837	17,132	17,346	17,588
State and local	162,399	162,463	161,988	159,459	159,190
State government	58,771	58,969	58,707	57,448	57,079
Local government	103,628	103,494	103,281	102,011	102,111
Total employment	1,083,772	1,091,984	1,092,637	1,097,669	1,115,574

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 6: United States Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	144,722,000	147,636,000	149,912,000	151,860,000	154,375,000
Proprietors employment	41,511,800	42,679,800	43,459,900	44,965,300	46,371,000
Farm proprietors employment	1,840,000	1,829,000	1,818,000	1,802,000	1,790,000
Nonfarm proprietors employment	39,671,800	40,850,800	41,641,900	43,163,300	44,581,000
By industry					
Farm employment	2,643,000	2,646,000	2,638,000	2,621,000	2,604,000
Nonfarm employment	183,590,800	187,669,800	190,733,900	194,204,300	198,142,000
Private nonfarm employment	159,535,800	163,523,800	166,428,900	169,778,300	173,599,000
Forestry, fishing, and related activities	941,000	915,900	935,200	938,300	969,400
Mining	1,597,500	1,553,300	1,452,200	1,320,900	1,353,700
Utilities	580,600	597,400	622,000	590,800	589,700
Construction	9,564,300	9,844,900	10,322,100	10,557,000	10,973,300
Manufacturing	12,907,600	13,076,600	13,131,900	13,235,200	13,501,300
Wholesale trade	6,719,600	6,817,100	6,463,400	6,492,900	6,422,200
Retail trade	18,713,100	19,092,300	19,195,500	19,345,100	19,307,500
Transportation and warehousing	6,282,400	6,932,700	7,418,200	8,520,900	9,364,300
Information	3,327,000	3,316,400	3,384,900	3,404,500	3,460,100
Finance and insurance	9,621,000	9,845,600	10,188,400	10,250,300	10,394,600
Real estate and rental and leasing	8,405,800	8,668,300	8,868,200	9,203,700	9,504,800
Professional, scientific, and technical services	12,864,700	13,333,200	13,496,900	13,848,200	14,203,900
Management of companies and enterprises	2,361,300	2,425,500	2,603,800	2,568,700	2,669,500
Administrative and waste management services	11,719,200	11,770,600	12,034,600	12,212,600	12,472,900
Educational services	4,498,100	4,610,900	4,641,800	4,702,400	4,771,700
Health care and social assistance	20,798,400	21,351,100	21,816,100	22,214,300	22,619,800
Arts, entertainment, and recreation	4,223,300	4,220,100	4,363,100	4,518,600	4,684,900
Accommodation and food services	13,548,900	13,977,700	14,399,000	14,788,400	15,077,500
Other services, except public administration	10,862,000	11,174,200	11,091,600	11,065,500	11,257,900
Government and government enterprises	24,055,000	24,146,000	24,305,000	24,426,000	24,543,000
Federal, civilian	2,792,000	2,810,000	2,847,000	2,857,000	2,849,000
Military	1,975,000	1,957,000	1,928,000	1,929,000	1,922,000
State and local	19,288,000	19,379,000	19,530,000	19,640,000	19,772,000
State government	5,330,000	5,349,000	5,356,000	5,383,000	5,395,000
Local government	13,958,000	14,030,000	14,174,000	14,257,000	14,377,000
Total employment	186,233,800	190,315,800	193,371,900	196,825,300	200,746,000

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 7: Socorro, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Socorro
By type			
Wage and salary employment	76.90	78.49	75.99
Proprietors employment	23.10	21.51	24.01
Farm proprietors employment	0.89	1.90	7.62
Nonfarm proprietors employment	22.21	19.61	16.39
By industry			
Farm employment	1.30	2.57	10.43
Nonfarm employment	98.70	97.43	89.57
Private nonfarm employment	86.48	78.99	55.87
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	N/A
Construction	5.47	5.77	1.93
Manufacturing	6.73	3.01	2.33
Wholesale trade	3.20	2.20	N/A
Retail trade	9.62	10.01	7.56
Transportation and warehousing	4.66	2.95	1.60
Information	1.72	1.37	0.32
Finance and insurance	5.18	3.23	1.48
Real estate and rental and leasing	4.73	3.75	2.00
Professional, scientific, and technical services	7.08	7.32	6.14
Management of companies and enterprises	1.33	0.58	N/A
Administrative and waste management services	6.21	5.16	N/A
Educational services	2.38	1.52	N/A
Health care and social assistance	11.27	12.16	N/A
Arts, entertainment, and recreation	2.33	2.33	1.13
Accommodation and food services	7.51	8.53	8.55
Other services, except public administration	5.61	5.05	3.65
Government and government enterprises	12.23	18.44	33.71
Federal, civilian	1.42	2.59	2.21
Military	0.96	1.58	0.52
State and local	9.85	14.27	30.98
State government	2.69	5.12	18.65
Local government	7.16	9.15	12.33
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 8: Socorro Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	76.06	76.76	77.13	76.27	75.99
Proprietors employment	23.94	23.24	22.87	23.73	24.01
Farm proprietors employment	7.73	7.74	7.58	7.75	7.62
Nonfarm proprietors employment	16.21	15.50	15.29	15.99	16.39
By industry					
Farm employment	10.31	10.56	10.68	10.60	10.43
Nonfarm employment	89.69	89.44	89.32	89.40	89.57
Private nonfarm employment	55.43	55.29	55.54	55.67	55.87
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	2.12	2.06	2.24	1.93	1.93
Manufacturing	2.36	2.42	2.44	2.26	2.33
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	8.09	7.84	8.07	7.77	7.56
Transportation and warehousing	1.26	1.31	1.21	1.50	1.60
Information	0.43	0.33	0.31	0.33	0.32
Finance and insurance	1.30	1.30	1.43	1.36	1.48
Real estate and rental and leasing	1.66	1.70	1.70	2.00	2.00
Professional, scientific, and technical services	5.72	5.67	5.53	5.89	6.14
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	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	N/A	1.04	1.07	1.08	1.13
Accommodation and food services	N/A	8.53	8.58	8.55	8.55
Other services, except public administration	3.96	3.90	3.75	3.74	3.65
Government and government enterprises	34.26	34.14	33.79	33.73	33.71
Federal, civilian	2.44	2.26	2.27	2.23	2.21
Military	0.57	0.55	0.57	0.53	0.52
State and local	31.24	31.33	30.94	30.97	30.98
State government	18.30	18.51	18.12	18.23	18.65
Local government	12.94	12.83	12.82	12.74	12.33
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
By industry					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculations

Table 10: United States Percent of Employment by Industry 2014-2018

Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	77.71	77.57	77.53	77.15	76.90
Proprietors employment	22.29	22.43	22.47	22.85	23.10
Farm proprietors employment	0.99	0.96	0.94	0.92	0.89
Nonfarm proprietors employment	21.30	21.46	21.53	21.93	22.21
By industry					
Farm employment	1.42	1.39	1.36	1.33	1.30
Nonfarm employment	98.58	98.61	98.64	98.67	98.70
Private nonfarm employment	85.66	85.92	86.07	86.26	86.48
Forestry, fishing, and related activities	0.51	0.48	0.48	0.48	0.48
Mining	0.86	0.82	0.75	0.67	0.67
Utilities	0.31	0.31	0.32	0.30	0.29
Construction	5.14	5.17	5.34	5.36	5.47
Manufacturing	6.93	6.87	6.79	6.72	6.73
Wholesale trade	3.61	3.58	3.34	3.30	3.20
Retail trade	10.05	10.03	9.93	9.83	9.62
Transportation and warehousing	3.37	3.64	3.84	4.33	4.66
Information	1.79	1.74	1.75	1.73	1.72
Finance and insurance	5.17	5.17	5.27	5.21	5.18
Real estate and rental and leasing	4.51	4.55	4.59	4.68	4.73
Professional, scientific, and technical services	6.91	7.01	6.98	7.04	7.08
Management of companies and enterprises	1.27	1.27	1.35	1.31	1.33
Administrative and waste management services	6.29	6.18	6.22	6.20	6.21
Educational services	2.42	2.42	2.40	2.39	2.38
Health care and social assistance	11.17	11.22	11.28	11.29	11.27
Arts, entertainment, and recreation	2.27	2.22	2.26	2.30	2.33
Accommodation and food services	7.28	7.34	7.45	7.51	7.51
Other services, except public administration	5.83	5.87	5.74	5.62	5.61
Government and government enterprises	12.92	12.69	12.57	12.41	12.23
Federal, civilian	1.50	1.48	1.47	1.45	1.42
Military	1.06	1.03	1.00	0.98	0.96
State and local	10.36	10.18	10.10	9.98	9.85
State government	2.86	2.81	2.77	2.73	2.69
Local government	7.49	7.37	7.33	7.24	7.16
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation