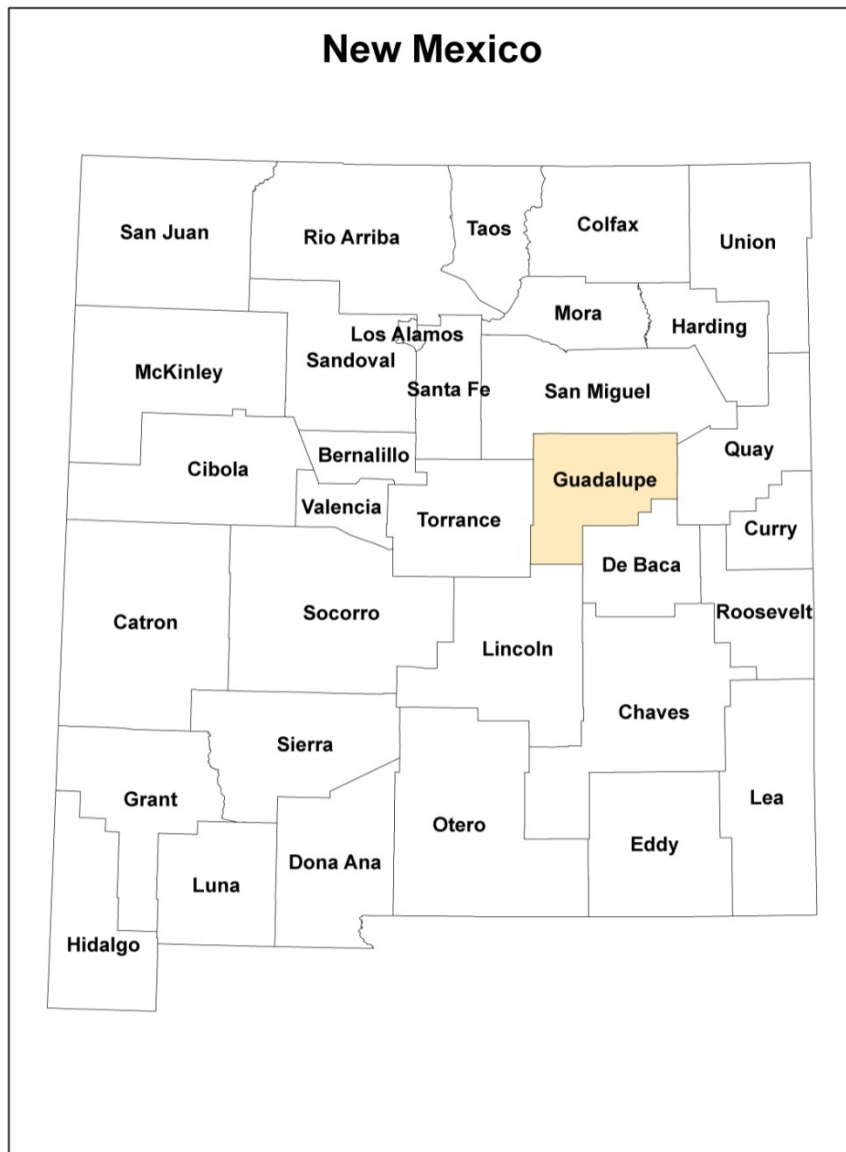




The Economic Base of Guadalupe County, NM

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

DATE: July 2019



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Introduction

This report is one of 35 economic base studies prepared by the 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 and Theophilus Djaba, 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:

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

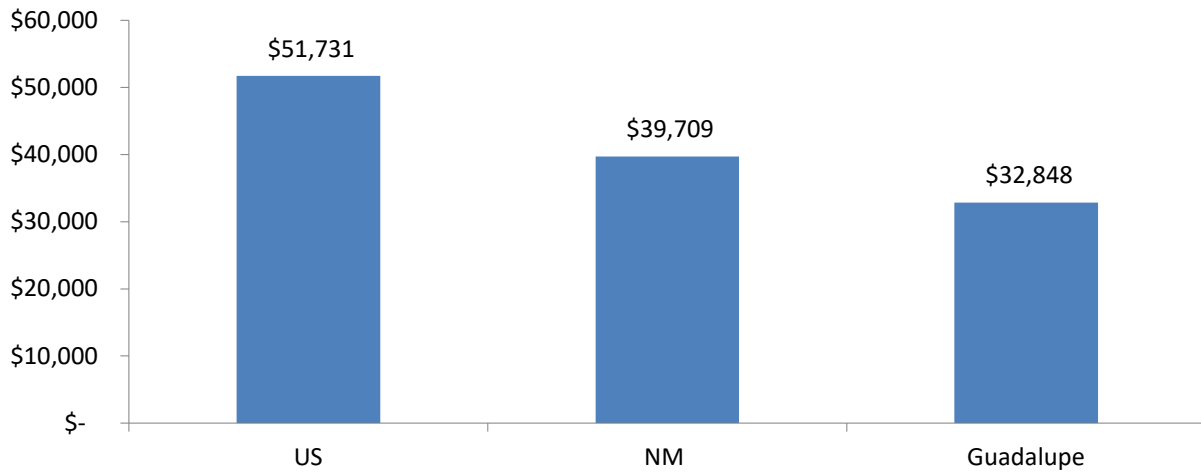
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 Guadalupe County with national employment as basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and for the four preceding years (2013-2017). 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.

Guadalupe County, New Mexico

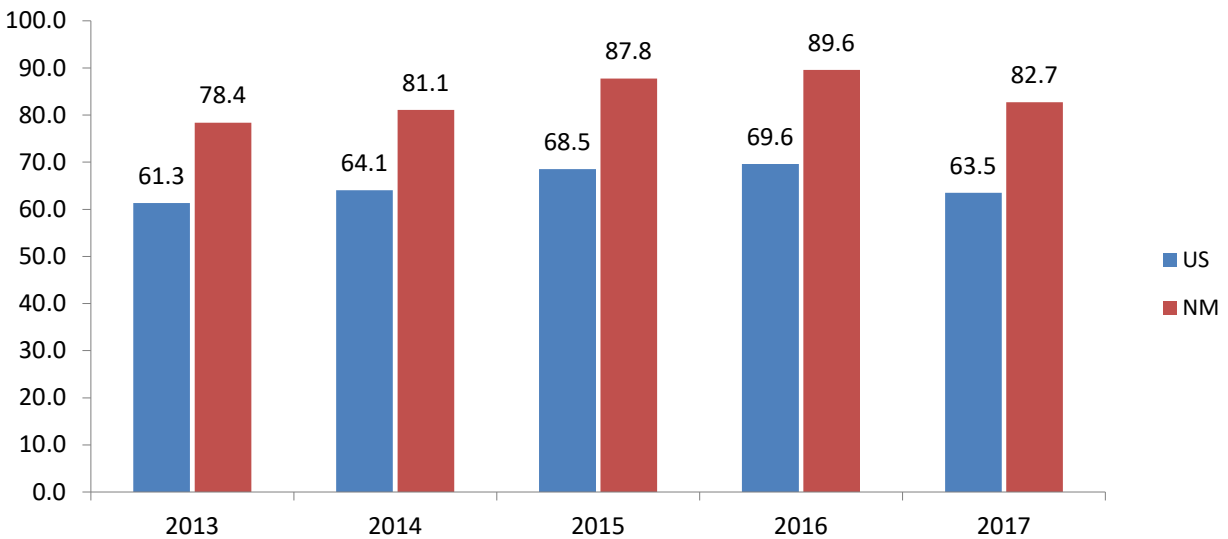
Guadalupe County is located in central eastern New Mexico and contains 3,030.48 square miles, or 2.50 percent of the land area in New Mexico. The population of Guadalupe County in 2017 was 4,429 or .21 percent of the state total, ranking 28th in the state of New Mexico in terms of population. Between 2013 and 2017, the population of Guadalupe County decreased by 2.29 percent. The City of Santa Rosa, with a population of 2,711 in 2017 accounted for 61.21 percent of the population of Guadalupe County (U.S. Census Bureau, 2018). During the period between 2013 and 2017, New Mexico's population increased by 0.03 percent and the United States' population increased by 2.88 percent.

Figure 1. Per Capita Personal Income: Guadalupe (2017)



Per capita personal income for Guadalupe County in 2017 was \$32,848, ranking 27th in the state. Per capita income for Guadalupe County was 82.72 percent of the corresponding state figure of \$39,709 and 63.50 percent of the national average of \$51,731 (See Figures 1 and 2). Between 2013 and 2017, the growth rate of per capita income in Guadalupe County increased by 19.47 percent, substantially higher compared to the state (13.21 percent) and to the nation (15.34 percent) for the same period.

Figure 2. Per Capita Income of Guadalupe as a Percent of U.S. and New Mexico 2013-2017



Total employment for Guadalupe County in 2017 was 2,299. Between 2013 and 2017, total employment in Guadalupe County increased by 5.90 percent, compared to the increase in employment of 2.08 percent for the state and increase of 7.57 percent for the nation. The employment to population ratio for Guadalupe County was .52, compared to the state ratio (0.52) and the national ratio (0.60). Given the small population and limited number of establishments in Guadalupe County, released BEA

data on employment by industry for the county is very limited to protect confidentiality. Data for industries with fewer than 10 employees was not released. Industry data for both are included in annual countywide totals.

In 2017, the Private sector employed 65.33 percent of workers in Guadalupe County, while Government and government enterprises accounted for 17.75 percent and Farm employment accounted for 16.92 percent of total employment. The industries in the Private sector with the highest percentage of total employment included: Accommodation and Food services (19.05 percent), Retail trade (14.05), and Health care and Social assistance (7.26). Employment in public sector is largely concentrated in Local government (13.48 percent of total employment). State government had 2.78 percent, while Federal/civilian accounted for 1.04 percent and Military employment accounted for 0.43 percent of public employment. Employment for Guadalupe County by sector is displayed in Table 3.

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

Table 1 contains LQs for Guadalupe County from 2013 to 2017 calculated using data for the United States as the basis for comparison. Table 2 contains LQs for Guadalupe County from 2013 to 2017 calculated with respect to the state of New Mexico. For the purposes of this report, a LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with a LQ greater than 1.0 have been shaded.

Guadalupe County level of specialization in agricultural sector is reflected in a higher LQ for this county. Farm employment had an LQ of 12.61 which has been greater than 12.26 in all years considered. Farm employment is to be considered a basic industry for Guadalupe County. Accommodation and food services should also be considered basic economic sector in Guadalupe County. This industry had a LQ of 2.54 in 2017 and LQs exceeding 2.51 in all years considered. These LQs reflects the influence of tourism in the economy and tourism in Santa Rosa and its surroundings, including a large choice of lakes. Tourism has resulted in increases in the number of hotel rooms available in Santa Rosa on or near heavily traveled Interstate 40. Retail trade with LQ of 1.43 in 2017 is also considered a basic industry for Guadalupe County in, due to the demand of tourism on retail activities. Mining in 2017 had an LQ of 1.58. This is also considered a basic industry for Guadalupe County.

Government and government enterprises are the aggregate figures of all government levels listed as government categories. The only government sectors with LQs greater than 1.0 in 2017 were State government with a LQ of 1.02 and Local government with a LQ of 1.86. In this analysis, only state government will be considered a basic industry. Local government is generally categorized as non-basic

given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Guadalupe County will be considered a non-basic industry.

The data and analysis for 2017 suggest the following industries should be considered basic in Guadalupe County:

1. Farm employment, accounted for 389 jobs.
2. Accommodation and Food services, accounted for 438 jobs.
3. State government, accounted for 64 jobs.
4. Retail Trade, accounted for 323 jobs.
5. Mining, accounted for 28 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 the case of Guadalupe County, the multiplier is equal to 1.85 (2,299/1,242). This ratio suggests that the addition of each basic sector job in Guadalupe County would be associated with additional 1.85 non-basic sector jobs. The export base multiplier (1.85) calculated above reinforces the importance of basic (exporting) industries to the economy of Guadalupe County. In general terms, this employment multiplier is not to be compared to employment multipliers included in economic impact analysis tools including RIMS, REMI, and IMPLAN. In the case of Guadalupe County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

Local economic development policy actions such as the creation of industrial parks, tax abatement and financing, and workforce development projects are often used by local communities to expand an area's economic base. The development of a community economic development plan is to include the appropriate combination of policies, which often result from public and private sector interaction.

Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for economic data and the U.S. Census Bureau for population data. Between 2016 and 2017 the population in Guadalupe County increased by 1.30 percent, from 4,372 in 2016 to 4,429 in 2017. Between 2016 and 2017, per

capita income for Guadalupe County decreased by 5.45 percent from \$34,741 in 2016 to \$32,848 in 2017. During this same period, total employment decreased by 2.50 percent or 59 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Guadalupe County (US Base) 2013-2017					
US Base	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.93	0.94	0.93	0.94	0.92
Proprietors employment	1.26	1.22	1.23	1.22	1.27
Farm proprietors employment	15.34	15.72	15.64	15.11	15.91
Nonfarm proprietors employment	0.58	0.55	0.58	0.61	0.65
By industry					
Farm employment	12.48	12.51	12.51	12.26	12.61
Nonfarm employment	0.83	0.83	0.84	0.84	0.84
Private nonfarm employment	0.72	0.73	0.74	0.76	0.76
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	0.76	1.52	1.58
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.75	0.58	0.58	0.57	0.55
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	1.12	1.18	1.11	1.38	1.43
Transportation and warehousing	0.78	0.68	0.61	0.55	0.55
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	1.34	1.37	N/A	N/A	N/A
Educational services	0.14	0.15	0.18	0.19	0.20
Health care and social assistance	0.54	0.60	0.67	0.67	0.64
Arts, entertainment, and recreation	0.33	0.37	0.22	0.26	0.27
Accommodation and food services	2.56	2.51	2.71	2.58	2.54
Other services, except public administration	0.53	0.53	0.49	0.46	0.45
Government and government enterprises	1.54	1.55	1.52	1.40	1.43
Federal, civilian	0.71	0.71	0.63	0.63	0.72
Military	0.45	0.44	0.43	0.43	0.44
State and local	1.77	1.78	1.76	1.61	1.63
State government	1.57	1.55	1.46	1.09	1.02
Local government	1.85	1.87	1.87	1.81	1.86
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 2: Location Quotients for Guadalupe County (NM Base) 2013-2017

	2013	2014	2015	2016	2017
NM Based					
By type					
Wage and salary employment	0.92	0.93	0.92	0.92	0.91
Proprietors employment	1.31	1.27	1.29	1.29	1.34
Farm proprietors employment	7.79	7.85	7.68	7.31	7.55
Nonfarm proprietors employment	0.64	0.60	0.64	0.68	0.72
By industry					
Farm employment	6.67	6.81	6.59	6.17	6.49
Nonfarm employment	0.84	0.84	0.85	0.86	0.85
Private nonfarm employment	0.79	0.80	0.81	0.84	0.83
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	0.19	0.39	0.40
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.69	0.55	0.55	0.56	0.52
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	1.08	1.12	1.06	1.32	1.38
Transportation and warehousing	1.09	0.97	0.89	0.87	0.86
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	1.65	1.72	N/A	N/A	N/A
Educational services	0.21	0.24	0.29	0.30	0.31
Health care and social assistance	0.53	0.58	0.63	0.62	0.59
Arts, entertainment, and recreation	0.33	0.37	0.22	0.27	0.27
Accommodation and food services	2.31	2.24	2.41	2.27	2.25
Other services, except public administration	0.60	0.61	0.57	0.52	0.51
Government and government enterprises	1.03	1.03	1.01	0.92	0.94
Federal, civilian	0.39	0.39	0.35	0.35	0.39
Military	0.30	0.29	0.29	0.27	0.28
State and local	1.24	1.23	1.20	1.10	1.12
State government	0.85	0.82	0.76	0.56	0.53
Local government	1.45	1.47	1.46	1.40	1.45
Total employment	1.0	1.0	1.0	1.0	1.00

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

Table 3: Guadalupe County Total Employment by Industry 2017		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	1638	71.25
Proprietors employment	661	28.75
Farm proprietors employment	338	14.70
Nonfarm proprietors employment	323	14.05
By industry		
Farm employment	389	16.92
Nonfarm employment	1910	83.08
Private nonfarm employment	1502	65.33
Forestry, fishing, and related activities	N/A	N/A
Mining	28	1.22
Utilities	N/A	N/A
Construction	68	2.96
Manufacturing	N/A	N/A
Wholesale trade	N/A	N/A
Retail trade	323	14.05
Transportation and warehousing	49	2.13
Information	N/A	N/A
Finance and insurance	N/A	N/A
Real estate and rental and leasing	N/A	N/A
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	N/A	N/A
Educational services	11	0.48
Health care and social assistance	167	7.26
Arts, entertainment, and recreation	14	0.61
Accommodation and food services	438	19.05
Other services, except public administration	59	2.57
Government and government enterprises	408	17.75
Federal, civilian	24	1.04
Military	10	0.43
State and local	374	16.27
State government	64	2.78
Local government	310	13.48
Total employment	2,299	100.00

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

Table 4: Guadalupe County Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	1566	1578	1628	1712	1638
Proprietors employment	605	589	617	646	661
Farm proprietors employment	339	337	338	336	338
Nonfarm proprietors employment 2/	266	252	279	310	323
By industry					
Farm employment	393	385	391	395	389
Nonfarm employment	1778	1782	1854	1963	1910
Private nonfarm employment	1338	1349	1421	1547	1502
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	14	27	28
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	82	65	67	72	68
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	245	256	250	323	323
Transportation and warehousing	56	50	50	50	49
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	182	187	N/A	N/A	N/A
Educational services	7	8	10	11	11
Health care and social assistance	132	145	168	179	167
Arts, entertainment, and recreation	16	18	11	14	14
Accommodation and food services	399	396	447	453	438
Other services, except public administration	66	67	65	62	59
Government and government enterprises	440	433	433	416	408
Federal, civilian	24	23	21	22	24
Military	11	10	10	10	10
State and local	405	400	402	384	374
State government	99	96	92	71	64
Local government	306	304	310	313	310
Total employment	2,171	2,167	2,245	2,358	2,299

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

Table 5: New Mexico Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	846,495	852,348	860,023	861,222	862,272
Proprietors employment	228,970	231,044	231,850	231,184	235,600
Farm proprietors employment	21,547	21,473	21,405	21,291	21,372
Nonfarm proprietors employment	207,423	209,571	210,445	209,893	214,228
By industry					
Farm employment	29,208	28,262	28,866	29,641	28,633
Nonfarm employment	1,046,257	1,055,130	1,063,007	1,062,765	1,069,239
Private nonfarm employment	835,402	845,778	854,438	854,243	862,954
Forestry, fishing, and related activities	5,235	5,675	5,540	5,819	5,658
Mining	36,857	38,222	36,655	31,808	33,725
Utilities	4,652	4,591	4,684	4,900	5,099
Construction	59,142	59,584	59,709	60,012	62,633
Manufacturing	35,463	34,022	34,158	33,188	33,239
Wholesale trade	26,688	28,856	28,502	25,379	24,946
Retail trade	112,726	113,923	114,888	113,636	111,443
Transportation and warehousing	25,502	25,903	27,243	26,672	27,060
Information	16,059	15,725	15,588	16,001	15,339
Finance and insurance	35,010	34,783	34,461	35,684	36,737
Real estate and rental and leasing	38,414	39,111	39,660	39,866	40,634
Professional, scientific, and technical services	75,919	76,116	77,542	77,751	79,601
Management of companies and enterprises	5,502	5,631	5,877	6,337	6,449
Administrative and waste management services	54,597	54,370	52,998	53,887	55,307
Educational services	16,426	16,736	16,965	17,026	17,020
Health care and social assistance	123,737	124,796	129,720	134,269	134,712
Arts, entertainment, and recreation	23,734	24,225	24,245	24,151	24,831
Accommodation and food services	85,494	88,296	90,192	92,521	93,037
Other services, except public administration	54,245	55,213	55,811	55,336	55,484
Government and government enterprises	210,855	209,352	208,569	208,522	206,285
Federal, civilian	30,400	29,452	29,188	29,385	29,288
Military	18,350	17,518	16,923	17,159	17,348
State and local	162,105	162,382	162,458	161,978	159,649
State government	57,772	58,752	58,962	58,703	57,617
Local government	104,333	103,630	103,496	103,275	102,032
Total employment	1,075,465	1,083,392	1,091,873	1,092,406	1,097,872

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

Table 6: United States Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	141,932,000	144,722,000	147,635,000	149,904,000	151,825,000
Proprietors employment	40,393,100	41,513,800	42,682,800	43,464,900	44,307,200
Farm proprietors employment	1,856,000	1,842,000	1,832,000	1,823,000	1,812,000
Nonfarm proprietors employment	38,537,100	39,671,800	40,850,800	41,641,900	42,495,200
By industry					
Farm employment	2,645,000	2,645,000	2,649,000	2,643,000	2,631,000
Nonfarm employment	179,680,100	183,590,800	187,668,800	190,725,900	193,501,200
Private nonfarm employment	155,625,100	159,536,800	163,523,800	166,427,900	169,096,200
Forestry, fishing, and related activities	909,100	941,000	915,900	935,200	926,400
Mining	1,607,000	1,597,500	1,553,300	1,452,200	1,511,100
Utilities	578,300	580,600	597,400	622,000	663,500
Construction	9,237,800	9,564,300	9,844,900	10,322,100	10,634,600
Manufacturing	12,761,200	12,908,600	13,076,600	13,131,900	13,304,800
Wholesale trade	6,343,100	6,720,600	6,819,100	6,464,400	6,478,900
Retail trade	18,369,100	18,713,100	19,095,300	19,199,500	19,222,200
Transportation and warehousing	6,012,800	6,282,400	6,929,700	7,413,200	7,663,800
Information	3,264,600	3,327,000	3,316,400	3,384,900	3,384,400
Finance and insurance	9,815,300	9,621,000	9,844,600	10,187,400	10,510,200
Real estate and rental and leasing	8,056,800	8,405,800	8,668,300	8,868,200	9,105,900
Professional, scientific, and technical services	12,544,300	12,864,700	13,333,200	13,496,900	13,721,000
Management of companies and enterprises	2,265,000	2,360,300	2,425,500	2,603,800	2,667,400
Administrative and waste management services	11,366,900	11,719,200	11,770,600	12,033,600	12,088,500
Educational services	4,339,100	4,498,100	4,610,900	4,641,800	4,691,200
Health care and social assistance	20,499,200	20,798,400	21,351,100	21,817,100	22,201,200
Arts, entertainment, and recreation	4,043,800	4,223,300	4,220,100	4,363,100	4,455,500
Accommodation and food services	13,099,200	13,548,900	13,977,700	14,399,000	14,697,400
Other services, except public administration	10,512,500	10,862,000	11,173,200	11,091,600	11,168,200
Government and government enterprises	24,055,000	24,054,000	24,145,000	24,298,000	24,405,000
Federal, civilian	2,826,000	2,792,000	2,810,000	2,847,000	2,857,000
Military	2,032,000	1,975,000	1,956,000	1,927,000	1,929,000
State and local	19,197,000	19,287,000	19,379,000	19,524,000	19,619,000
State government	5,306,000	5,330,000	5,349,000	5,351,000	5,365,000
Local government	13,891,000	13,957,000	14,030,000	14,173,000	14,254,000
Total employment	182,325,100	186,235,800	190,317,800	193,368,900	196,132,200

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

Table 7: Guadalupe County, New Mexico and United States Percent of Employment by Industry 2017

	United States	New Mexico	Guadalupe County
By type			
Wage and salary employment	77.41	78.54	71.25
Proprietors employment	22.59	21.46	28.75
Farm proprietors employment	0.92	1.95	14.70
Nonfarm proprietors employment	21.67	19.51	14.05
By industry			
Farm employment	1.34	2.61	16.92
Nonfarm employment	98.66	97.39	83.08
Private nonfarm employment	86.22	78.60	65.33
Forestry, fishing, and related activities	0.47	0.52	N/A
Mining	0.77	3.07	1.22
Utilities	0.34	0.46	N/A
Construction	5.42	5.70	2.96
Manufacturing	6.78	3.03	N/A
Wholesale trade	3.30	2.27	N/A
Retail trade	9.80	10.15	14.05
Transportation and warehousing	3.91	2.46	2.13
Information	1.73	1.40	N/A
Finance and insurance	5.36	3.35	N/A
Real estate and rental and leasing	4.64	3.70	N/A
Professional, scientific, and technical services	7.00	7.25	N/A
Management of companies and enterprises	1.36	0.59	0.00
Administrative and waste management services	6.16	5.04	N/A
Educational services	2.39	1.55	0.48
Health care and social assistance	11.32	12.27	7.26
Arts, entertainment, and recreation	2.27	2.26	0.61
Accommodation and food services	7.49	8.47	19.05
Other services, except public administration	5.69	5.05	2.57
Government and government enterprises	12.44	18.79	17.75
Federal, civilian	1.46	2.67	1.04
Military	0.98	1.58	0.43
State and local	10.00	14.54	16.27
State government	2.74	5.25	2.78
Local government	7.27	9.29	13.48
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: Guadalupe County Percent of Employment by Sectors 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	72.13	72.82	72.52	72.60	71.25
Proprietors employment	27.87	27.18	27.48	27.40	28.75
Farm proprietors employment	15.61	15.55	15.06	14.25	14.70
Nonfarm proprietors employment	12.25	11.63	12.43	13.15	14.05
By industry					
Farm employment	18.10	17.77	17.42	16.75	16.92
Nonfarm employment	81.90	82.23	82.58	83.25	83.08
Private nonfarm employment	61.63	62.25	63.30	65.61	65.33
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	0.62	1.15	1.22
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	3.78	3.00	2.98	3.05	2.96
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	11.29	11.81	11.14	13.70	14.05
Transportation and warehousing	2.58	2.31	2.23	2.12	2.13
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	8.38	8.63	N/A	N/A	N/A
Educational services	0.32	0.37	0.45	0.47	0.48
Health care and social assistance	6.08	6.69	7.48	7.59	7.26
Arts, entertainment, and recreation	0.74	0.83	0.49	0.59	0.61
Accommodation and food services	18.38	18.27	19.91	19.21	19.05
Other services, except public administration	3.04	3.09	2.90	2.63	2.57
Government and government enterprises	20.27	19.98	19.29	17.64	17.75
Federal, civilian	1.11	1.06	0.94	0.93	1.04
Military	0.51	0.46	0.45	0.42	0.43
State and local	18.65	18.46	17.91	16.28	16.27
State government	4.56	4.43	4.10	3.01	2.78
Local government	14.09	14.03	13.81	13.27	13.48
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 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	78.71	78.67	78.77	78.84	78.54
Proprietors employment	21.29	21.33	21.23	21.16	21.46
Farm proprietors employment	2.00	1.98	1.96	1.95	1.95
Nonfarm proprietors employment	19.29	19.34	19.27	19.21	19.51
By industry					
Farm employment	2.72	2.61	2.64	2.71	2.61
Nonfarm employment	97.28	97.39	97.36	97.29	97.39
Private nonfarm employment	77.68	78.07	78.25	78.20	78.60
Forestry, fishing, and related activities	0.49	0.52	0.51	0.53	0.52
Mining	3.43	3.53	3.36	2.91	3.07
Utilities	0.43	0.42	0.43	0.45	0.46
Construction	5.50	5.50	5.47	5.49	5.70
Manufacturing	3.30	3.14	3.13	3.04	3.03
Wholesale trade	2.48	2.66	2.61	2.32	2.27
Retail trade	10.48	10.52	10.52	10.40	10.15
Transportation and warehousing	2.37	2.39	2.50	2.44	2.46
Information	1.49	1.45	1.43	1.46	1.40
Finance and insurance	3.26	3.21	3.16	3.27	3.35
Real estate and rental and leasing	3.57	3.61	3.63	3.65	3.70
Professional, scientific, and technical services	7.06	7.03	7.10	7.12	7.25
Management of companies and enterprises	0.51	0.52	0.54	0.58	0.59
Administrative and waste management services	5.08	5.02	4.85	4.93	5.04
Educational services	1.53	1.54	1.55	1.56	1.55
Health care and social assistance	11.51	11.52	11.88	12.29	12.27
Arts, entertainment, and recreation	2.21	2.24	2.22	2.21	2.26
Accommodation and food services	7.95	8.15	8.26	8.47	8.47
Other services, except public administration	5.04	5.10	5.11	5.07	5.05
Government and government enterprises	19.61	19.32	19.10	19.09	18.79
Federal, civilian	2.83	2.72	2.67	2.69	2.67
Military	1.71	1.62	1.55	1.57	1.58
State and local	15.07	14.99	14.88	14.83	14.54
State government	5.37	5.42	5.40	5.37	5.25
Local government	9.70	9.57	9.48	9.45	9.29
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 10: United States Percent of Employment by Industry 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	77.85	77.71	77.57	77.52	77.41
Proprietors employment	22.15	22.29	22.43	22.48	22.59
Farm proprietors employment	1.02	0.99	0.96	0.94	0.92
Nonfarm proprietors employment	21.14	21.30	21.46	21.53	21.67
By industry					
Farm employment	1.45	1.42	1.39	1.37	1.34
Nonfarm employment	98.55	98.58	98.61	98.63	98.66
Private nonfarm employment	85.36	85.66	85.92	86.07	86.22
Forestry, fishing, and related activities	0.50	0.51	0.48	0.48	0.47
Mining	0.88	0.86	0.82	0.75	0.77
Utilities	0.32	0.31	0.31	0.32	0.34
Construction	5.07	5.14	5.17	5.34	5.42
Manufacturing	7.00	6.93	6.87	6.79	6.78
Wholesale trade	3.48	3.61	3.58	3.34	3.30
Retail trade	10.07	10.05	10.03	9.93	9.80
Transportation and warehousing	3.30	3.37	3.64	3.83	3.91
Information	1.79	1.79	1.74	1.75	1.73
Finance and insurance	5.38	5.17	5.17	5.27	5.36
Real estate and rental and leasing	4.42	4.51	4.55	4.59	4.64
Professional, scientific, and technical services	6.88	6.91	7.01	6.98	7.00
Management of companies and enterprises	1.24	1.27	1.27	1.35	1.36
Administrative and waste management services	6.23	6.29	6.18	6.22	6.16
Educational services	2.38	2.42	2.42	2.40	2.39
Health care and social assistance	11.24	11.17	11.22	11.28	11.32
Arts, entertainment, and recreation	2.22	2.27	2.22	2.26	2.27
Accommodation and food services	7.18	7.28	7.34	7.45	7.49
Other services, except public administration	5.77	5.83	5.87	5.74	5.69
Government and government enterprises	13.19	12.92	12.69	12.57	12.44
Federal, civilian	1.55	1.50	1.48	1.47	1.46
Military	1.11	1.06	1.03	1.00	0.98
State and local	10.53	10.36	10.18	10.10	10.00
State government	2.91	2.86	2.81	2.77	2.74
Local government	7.62	7.49	7.37	7.33	7.27
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