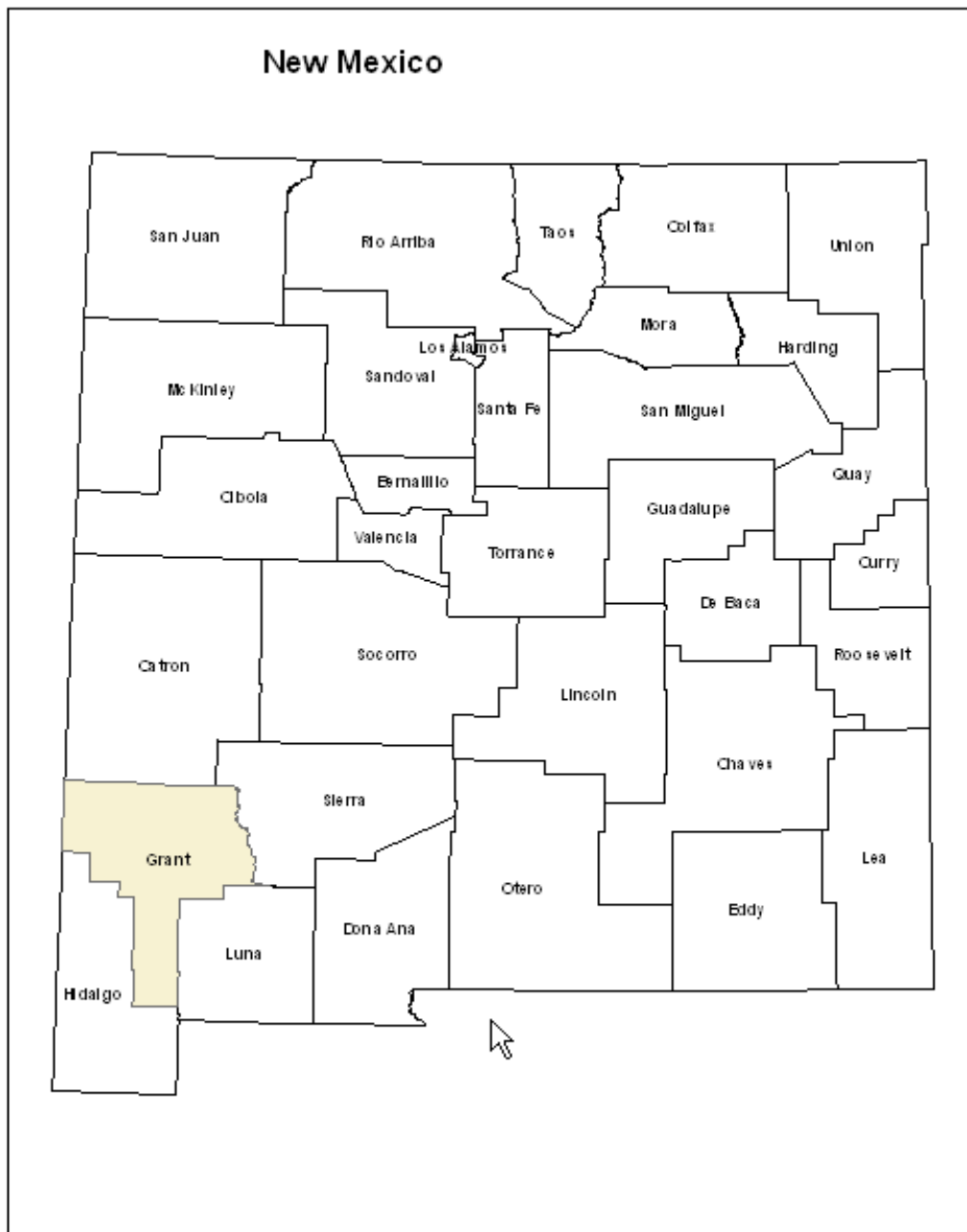




The Economic Base of Grant County, NM

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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 to better understand local and export product markets.

The specific purposes of economic base studies include:

- Understand regional economic growth
- Make short and long term forecasts
- Identify potential growth sectors
- Identify potential problem areas

According to economic base theory, any local economy may be divided into basic and non-basic industries. This theory also suggests that economic growth depends on sectors that export goods and services out of the region (basic industries), as opposed to those businesses whose services remain local, (non-basic industries). Basic industries promote local economic growth by bringing jobs and income into the local economy. Non-basic industries serve local residents and provide support to basic industries.

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent

of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

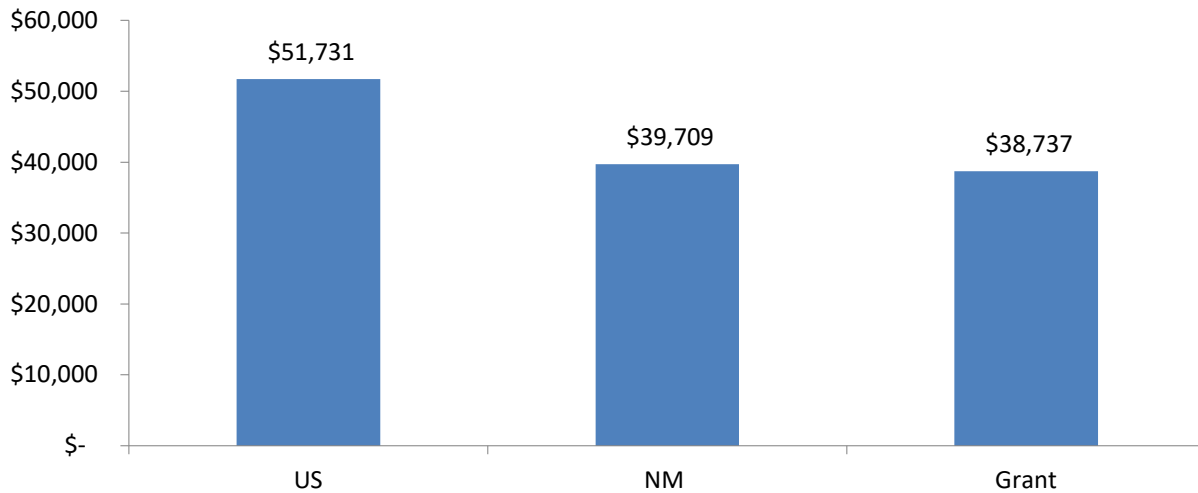
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

Grant County, New Mexico

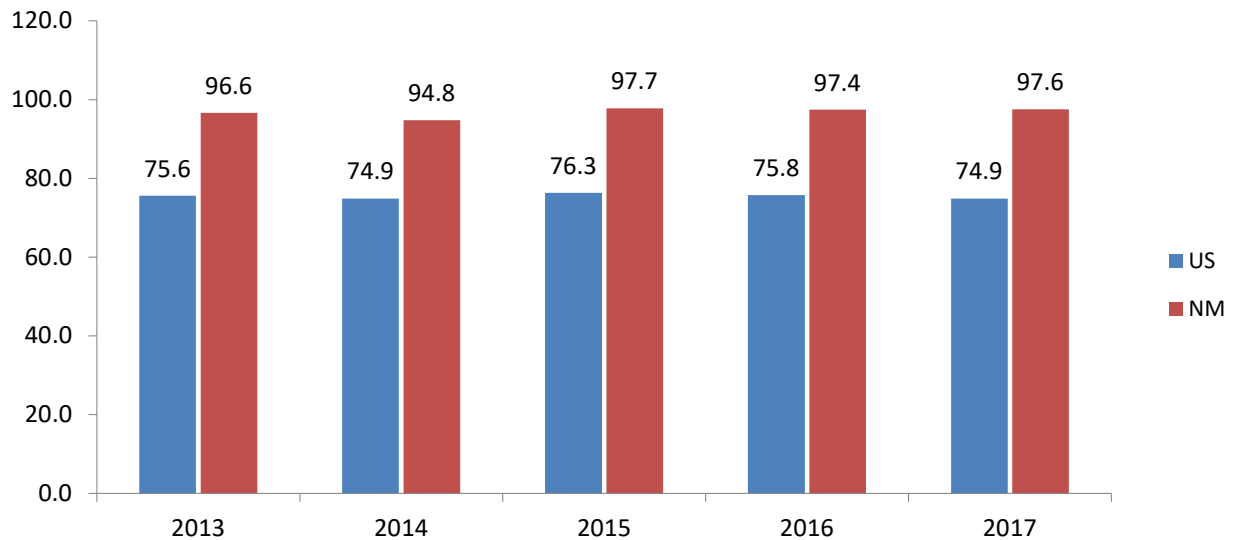
Grant County is located in southwestern New Mexico and contains 3,961.63 square miles or 3.27 percent of the land area in New Mexico. The population of Grant County in 2017 was 27,687, or 1.32 percent of the state total, ranking 16th in the state of New Mexico in terms of population. Between 2013 and 2017, the population of Grant County decreased by 4.68 percent. Silver City, with a population of 9,647 in 2017, accounted for 34.84 percent of the population in Grant County (U.S Census Bureau, 2018). During the same period, 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: Grant (2017)



Per capita personal income for Grant County in 2017 was \$38,737, ranking 13th in the state. Grant County’s per capita income was 97.55 percent of the corresponding state figure \$39,709 and 74.88 percent of the national average \$51,731 (See Figures 1 and 2). Between 2013 and 2017 the growth rate of per capita income in Grant County increased by 14.30 percent, compared to the state (13.21 percent) and the nation (15.34 percent) for the same period.

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



Total employment in Grant County in 2017 was 12,934. Between 2013 and 2017, total employment decreased by 4.56 percent compared to the state’s 2.08 percent increase and the nation’s

7.57 percent increase. The employment to population ratio for Grant County was 0.47 compared to the state ratio (0.52) and the national ratio (0.60).

In 2017, the Private sector employed 71.26 percent of all workers in Grant County, while Government and government enterprises accounted for 25.65 percent and Farm employment accounted for 3.08 percent of total employment. Within the private sector, the industries with the highest percentages of total employment included: Retail trade (11.23 percent), Health care and social assistance (9.19), and Accommodation and food service (7.91). Employment in the public sector is largely concentrated between State and Local government with 13.22 percent for Local government and 10.37 percent for State government. Federal/civilian accounted for 1.52 percent and Military employment accounted for 0.54 percent. Employment for Grant County by sector is displayed in Table 3.

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

Table 1 contains LQs for Grant County from 2013 to 2017 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Grant County from 2013 to 2017 calculated with respect to the state of New Mexico. For the purpose of this report, a basic industry is designated by a LQ greater than 1.0, with respect to the employment in the United States, is considered as a basic industry. The sectors with a LQ greater than 1.0 have been shaded.

The importance of Mining was represented by the highest LQ for Grant County between 2013 and 2014 with LQs of 14.71 and 15.23 respectively. This was considered a basic industry in Grant County. However, because data was not disclosed for recent years, it is not considered a basic industry for Grant County at the current time.

The Agricultural sector includes Farm employment and employment in Forestry, fisheries and related activities sectors. The Farm employment LQ in 2017 was 2.30 with LQs greater than 2.02 in all years considered. Although data for Forestry, fishing and related activities sector was not reported for 2014 through 2017, its LQ for 2013 was 1.55. Therefore, the Agricultural sector will be considered a basic economic activity for Grant County.

In 2017, Retail trade and Accommodation and Food services industries will be considered basic industries within Grant County with a LQ of 1.15 for Retail trade and a LQ of 1.06 for Accommodation and food services. These two LQs reflect the services demanded by the large tourism base of the Gila National Forest and Gila Cliff Dwellings National Monument located outside of Silver City. Another private sector industry with a LQ above 1.0 in 2017 includes the Utilities industry with a LQ of 1.85. However, this industry is considered non-basic for Grant, as no export product or services takes place

outside the county. Other Services Except Public Administration had an LQ of 1.01 in 2017. This is also considered a non-basic industry for Grant County.

Government and government enterprises are the aggregate figures of all government levels listed as government categories. The LQ of 3.79 for State government employment in Grant County is significantly higher compared to all other LQs in the county. This figure reflects the high level of employment that results from Western New Mexico University (WNMU), a four-year University located in Silver City. As a comprehensive university, WNMU exports educational services. Also, WNMU houses the Small Business Development Center (SBDC) for the region, which is also state funded. State government is classified as basic industry. Federal/civilian employment with a LQ of 1.05 will not be considered a basic industry for Grant County. In 2017, Local government for Grant County had a LQ of 1.82. However, local government is generally categorized as non-basic industry given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Grant County will be considered non-basic industry.

In brief, data and analysis suggests that for 2017 the following should be considered basic industries in Grant County:

1. Agricultural sector (Farm Employment) accounted for 399 jobs (Forestry, Fishing and related activities employment was not disclosed).
2. Retail trade accounted for 1,452 jobs.
3. Accommodation and food services accounted for 1,023 jobs.
4. State government employment accounted for 1,341 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 Grant County, the multiplier is equal to 3.07 ($12,934/4,215$). This ratio suggests that the addition of each basic sector job in Grant County would be associated with additional 3.07 non-basic sector jobs. The export base multiplier (3.07) calculated above reinforces the importance of basic (exporting) industries to the economy of Grant 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 Grant 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 figures obtained from the BEA for the economic data and the U.S. Census Bureau for population data. Between 2016 and 2017, the population for Grant County decreased by 1.23 percent, from 28,033 in 2016 to 27,687 in 2017. Per capita income in Grant County experienced a positive growth rate of 2.50 percent from 2016 to 2017. Per capital income grew from \$37,791 in 2016 to \$38,737 in 2017. Between 2016 and 2017, total employment decreased by 97 jobs or a 0.74 decrease in employment.

Tables 1 to 10 appear on pages 7-16.

Table 1: Location Quotients for Grant County (US Base) 2013-2017					
US Base	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.99	0.98	0.98	0.98	0.98
Proprietors employment	1.04	1.06	1.07	1.05	1.07
Farm proprietors employment	2.57	2.68	2.79	2.90	2.99
Nonfarm proprietors employment	0.96	0.98	0.99	0.97	0.99
By industry					
Farm employment	2.02	2.07	2.16	2.27	2.30
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.81	0.82	0.82	0.82	0.83
Forestry, fishing, and related activities	1.55	N/A	N/A	N/A	N/A
Mining	14.71	15.23	N/A	N/A	N/A
Utilities	1.56	1.54	1.44	1.79	1.85
Construction	0.93	0.85	0.81	0.85	0.86
Manufacturing	0.21	N/A	0.23	0.22	0.24
Wholesale trade	0.30	0.30	0.28	0.26	0.27
Retail trade	1.10	1.11	1.13	1.14	1.15
Transportation and warehousing	0.32	0.31	0.30	0.27	0.27
Information	0.43	0.47	0.44	0.49	0.53
Finance and insurance	0.37	0.39	0.36	0.39	0.40
Real estate and rental and leasing	0.70	0.66	0.69	0.61	0.60
Professional, scientific, and technical services	0.43	0.42	0.43	N/A	0.45
Management of companies and enterprises	0.83	N/A	0.88	N/A	0.96
Administrative and waste management services	0.31	N/A	0.36	0.36	0.42
Educational services	0.36	0.40	0.52	0.51	0.54
Health care and social assistance	0.80	0.80	0.81	0.82	0.81
Arts, entertainment, and recreation	0.73	0.73	0.77	0.67	0.66
Accommodation and food services	1.03	1.07	1.04	1.05	1.06
Other services, except public administration	0.92	0.94	0.96	0.98	1.01
Government and government enterprises	2.09	2.09	2.07	2.11	2.06
Federal, civilian	0.98	1.03	1.03	1.03	1.05
Military	0.52	0.52	0.53	0.55	0.55
State and local	2.42	2.40	2.37	2.42	2.36
State government	3.80	3.88	3.81	3.90	3.79
Local government	1.90	1.83	1.83	1.86	1.82
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 Grant County (NM Base) 2013-2017					
	2013	2014	2015	2016	2017
NM Based					
By type					
Wage and salary employment	0.98	0.97	0.97	0.97	0.96
Proprietors employment	1.08	1.11	1.13	1.12	1.13
Farm proprietors employment	1.30	1.34	1.37	1.40	1.42
Nonfarm proprietors employment	1.05	1.08	1.10	1.09	1.10
By industry					
Farm employment	1.08	1.13	1.14	1.14	1.18
Nonfarm employment	1.00	1.00	1.00	1.00	1.00
Private nonfarm employment	0.89	0.90	0.90	0.90	0.91
Forestry, fishing, and related activities	1.59	N/A	N/A	N/A	N/A
Mining	3.78	3.70	N/A	N/A	N/A
Utilities	1.14	1.13	1.05	1.28	1.35
Construction	0.86	0.80	0.76	0.83	0.82
Manufacturing	0.44	N/A	0.50	0.50	0.54
Wholesale trade	0.42	0.41	0.39	0.37	0.39
Retail trade	1.05	1.06	1.07	1.09	1.11
Transportation and warehousing	0.45	0.44	0.43	0.43	0.43
Information	0.52	0.58	0.54	0.59	0.65
Finance and insurance	0.61	0.62	0.59	0.63	0.65
Real estate and rental and leasing	0.87	0.83	0.86	0.76	0.75
Professional, scientific, and technical services	0.42	0.42	0.42	N/A	0.43
Management of companies and enterprises	2.00	N/A	2.09	N/A	2.22
Administrative and waste management services	0.39	N/A	0.46	0.46	0.52
Educational services	0.57	0.63	0.81	0.79	0.84
Health care and social assistance	0.78	0.78	0.77	0.75	0.75
Arts, entertainment, and recreation	0.73	0.74	0.76	0.69	0.66
Accommodation and food services	0.93	0.95	0.93	0.93	0.93
Other services, except public administration	1.05	1.08	1.11	1.11	1.14
Government and government enterprises	1.41	1.39	1.37	1.39	1.37
Federal, civilian	0.54	0.57	0.57	0.56	0.57
Military	0.34	0.34	0.35	0.35	0.34
State and local	1.69	1.66	1.62	1.65	1.62
State government	2.06	2.05	1.98	2.01	1.98
Local government	1.49	1.44	1.42	1.45	1.42
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: Grant County, Total Employment by Industry 2017

	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	9800	75.77
Proprietors employment	3134	24.23
Farm proprietors employment	357	2.76
Nonfarm proprietors employment	2777	21.47
By industry		
Farm employment	399	3.08
Nonfarm employment	12535	96.92
Private nonfarm employment	9217	71.26
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	81	0.63
Construction	602	4.65
Manufacturing	211	1.63
Wholesale trade	114	0.88
Retail trade	1452	11.23
Transportation and warehousing	137	1.06
Information	118	0.91
Finance and insurance	280	2.16
Real estate and rental and leasing	361	2.79
Professional, scientific, and technical services	404	3.12
Management of companies and enterprises	169	1.31
Administrative and waste management services	336	2.60
Educational services	168	1.30
Health care and social assistance	1188	9.19
Arts, entertainment, and recreation	194	1.50
Accommodation and food services	1023	7.91
Other services, except public administration	746	5.77
Government and government enterprises	3318	25.65
Federal, civilian	197	1.52
Military	70	0.54
State and local	3051	23.59
State government	1341	10.37
Local government	1710	13.22
Total employment	12,934	100.00

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

Table 4: Grant County Employment by Industry 2013-2017

Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	10442	10194	10117	9949	9800
Proprietors employment	3110	3146	3191	3082	3134
Farm proprietors employment	354	353	358	356	357
Nonfarm proprietors employment 2/	2756	2793	2833	2726	2777
By industry					
Farm employment	398	392	401	404	399
Nonfarm employment	13154	12948	12907	12627	12535
Private nonfarm employment	9413	9355	9416	9170	9217
Forestry, fishing, and related activities	105	N/A	N/A	N/A	N/A
Mining	1757	1743	N/A	N/A	N/A
Utilities	67	64	60	75	81
Construction	638	585	555	594	602
Manufacturing	197	N/A	208	199	211
Wholesale trade	142	146	135	112	114
Retail trade	1497	1493	1503	1472	1452
Transportation and warehousing	144	140	144	137	137
Information	105	112	102	112	118
Finance and insurance	270	266	248	269	280
Real estate and rental and leasing	420	398	416	363	361
Professional, scientific, and technical services	404	390	401	N/A	404
Management of companies and enterprises	139	N/A	150	N/A	169
Administrative and waste management services	265	N/A	294	293	336
Educational services	117	130	168	161	168
Health care and social assistance	1213	1191	1213	1201	1188
Arts, entertainment, and recreation	218	222	226	198	194
Accommodation and food services	999	1036	1019	1022	1023
Other services, except public administration	716	733	753	735	746
Government and government enterprises	3741	3593	3491	3457	3318
Federal, civilian	206	206	202	198	197
Military	79	73	73	71	70
State and local	3456	3314	3216	3188	3051
State government	1497	1482	1424	1407	1341
Local government	1959	1832	1792	1781	1710
Total employment	13,552	13,340	13,308	13,031	12,934

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: Grant County, New Mexico and United States Percent of Employment by Industry 2017			
	United States	New Mexico	Grant County
By type			
Wage and salary employment	77.41	78.54	75.77
Proprietors employment	22.59	21.46	24.23
Farm proprietors employment	0.92	1.95	2.76
Nonfarm proprietors employment	21.67	19.51	21.47
By industry			
Farm employment	1.34	2.61	3.08
Nonfarm employment	98.66	97.39	96.92
Private nonfarm employment	86.22	78.60	71.26
Forestry, fishing, and related activities	0.47	0.52	N/A
Mining	0.77	3.07	N/A
Utilities	0.34	0.46	0.63
Construction	5.42	5.70	4.65
Manufacturing	6.78	3.03	1.63
Wholesale trade	3.30	2.27	0.88
Retail trade	9.80	10.15	11.23
Transportation and warehousing	3.91	2.46	1.06
Information	1.73	1.40	0.91
Finance and insurance	5.36	3.35	2.16
Real estate and rental and leasing	4.64	3.70	2.79
Professional, scientific, and technical services	7.00	7.25	3.12
Management of companies and enterprises	1.36	0.59	1.31
Administrative and waste management services	6.16	5.04	2.60
Educational services	2.39	1.55	1.30
Health care and social assistance	11.32	12.27	9.19
Arts, entertainment, and recreation	2.27	2.26	1.50
Accommodation and food services	7.49	8.47	7.91
Other services, except public administration	5.69	5.05	5.77
Government and government enterprises	12.44	18.79	25.65
Federal, civilian	1.46	2.67	1.52
Military	0.98	1.58	0.54
State and local	10.00	14.54	23.59
State government	2.74	5.25	10.37
Local government	7.27	9.29	13.22
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: Grant County Percent of Employment by Sectors 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	77.05	76.42	76.02	76.35	75.77
Proprietors employment	22.95	23.58	23.98	23.65	24.23
Farm proprietors employment	2.61	2.65	2.69	2.73	2.76
Nonfarm proprietors employment	20.34	20.94	21.29	20.92	21.47
By industry					
Farm employment	2.94	2.94	3.01	3.10	3.08
Nonfarm employment	97.06	97.06	96.99	96.90	96.92
Private nonfarm employment	69.46	70.13	70.75	70.37	71.26
Forestry, fishing, and related activities	0.77	N/A	N/A	N/A	N/A
Mining	12.96	13.07	N/A	N/A	N/A
Utilities	0.49	0.48	0.45	0.58	0.63
Construction	4.71	4.39	4.17	4.56	4.65
Manufacturing	1.45	N/A	1.56	1.53	1.63
Wholesale trade	1.05	1.09	1.01	0.86	0.88
Retail trade	11.05	11.19	11.29	11.30	11.23
Transportation and warehousing	1.06	1.05	1.08	1.05	1.06
Information	0.77	0.84	0.77	0.86	0.91
Finance and insurance	1.99	1.99	1.86	2.06	2.16
Real estate and rental and leasing	3.10	2.98	3.13	2.79	2.79
Professional, scientific, and technical services	2.98	2.92	3.01	N/A	3.12
Management of companies and enterprises	1.03	N/A	1.13	N/A	1.31
Administrative and waste management services	1.96	N/A	2.21	2.25	2.60
Educational services	0.86	0.97	1.26	1.24	1.30
Health care and social assistance	8.95	8.93	9.11	9.22	9.19
Arts, entertainment, and recreation	1.61	1.66	1.70	1.52	1.50
Accommodation and food services	7.37	7.77	7.66	7.84	7.91
Other services, except public administration	5.28	5.49	5.66	5.64	5.77
Government and government enterprises	27.60	26.93	26.23	26.53	25.65
Federal, civilian	1.52	1.54	1.52	1.52	1.52
Military	0.58	0.55	0.55	0.54	0.54
State and local	25.50	24.84	24.17	24.46	23.59
State government	11.05	11.11	10.70	10.80	10.37
Local government	14.46	13.73	13.47	13.67	13.22
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