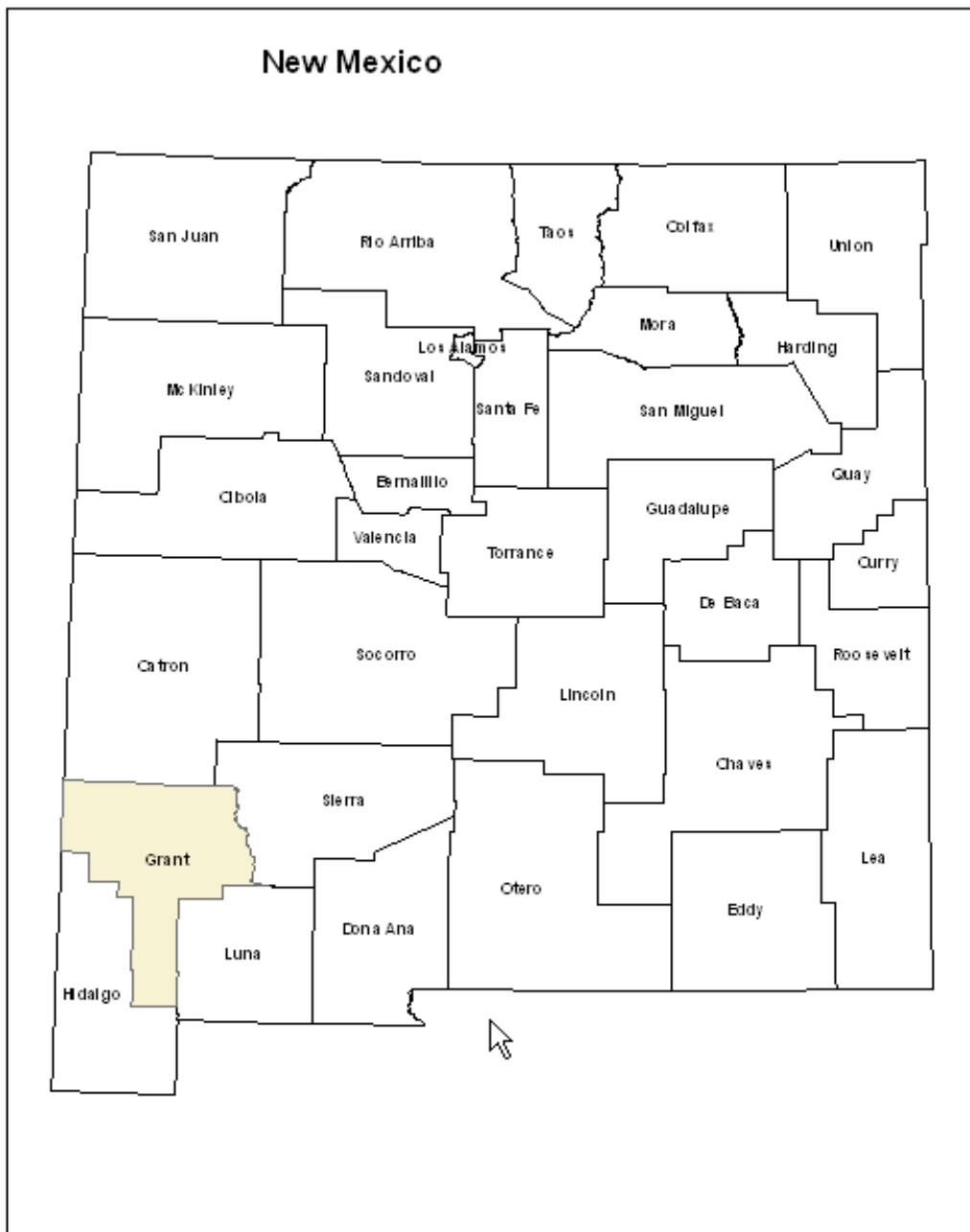


The Economic Base of Grant County, NM

**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 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:

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

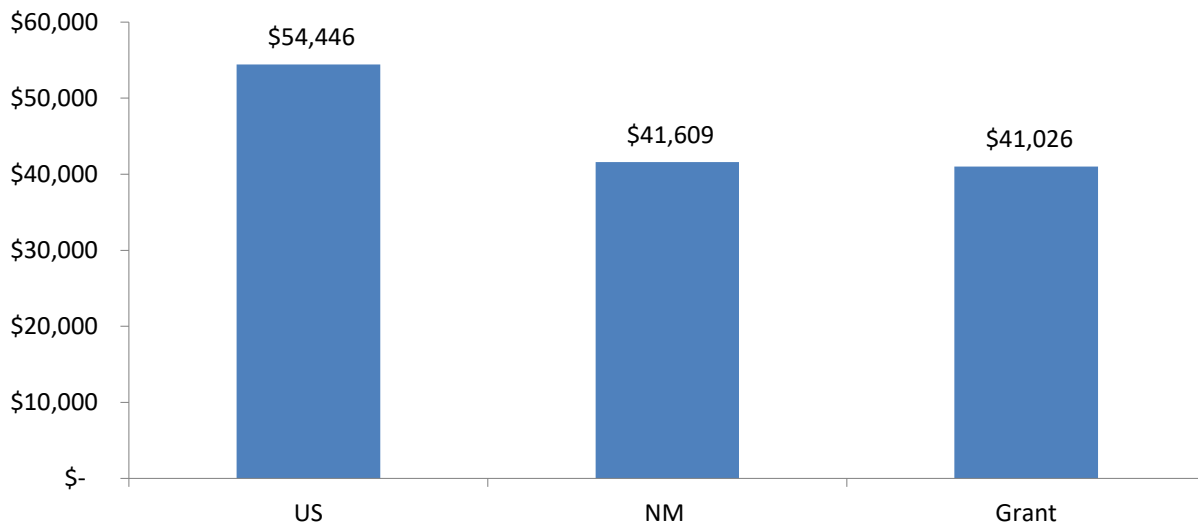
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

Grant County, New Mexico

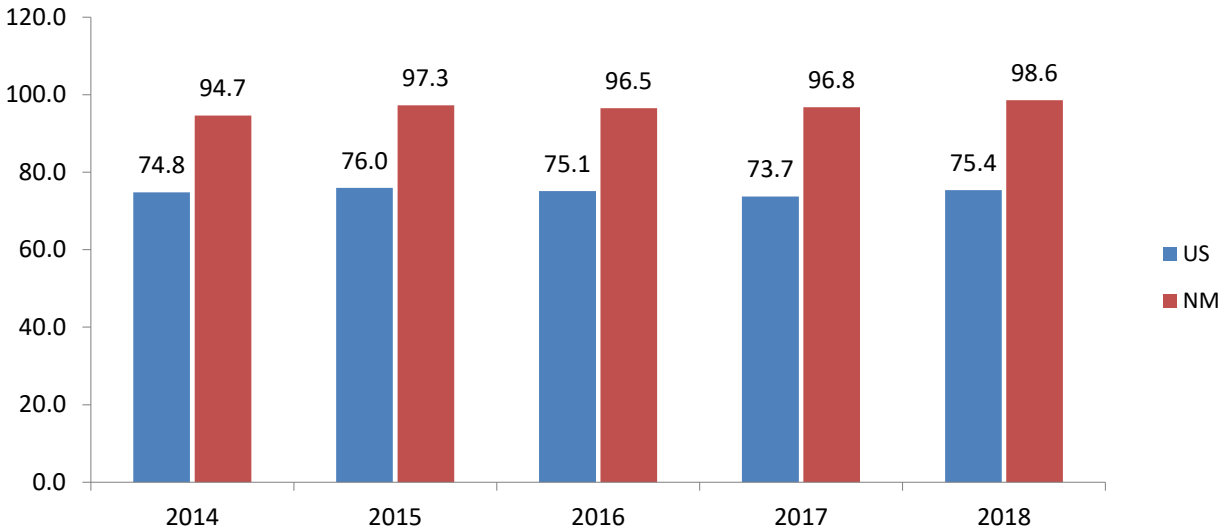
Grant County is located in southwestern New Mexico and contains 3,961.63 square miles or 3.27 percent of the land area in New Mexico. The population of Grant County in 2018 was 27,346, or 1.31 percent of the state total, ranking 16th in the state of New Mexico in terms of population. Silver City, with a population of 9,783 in 2018, accounted for 35.77 percent of the population in Grant County (U.S Census Bureau, 2018). Between 2014 and 2018, the population of Grant County decreased by 5.26 percent. During the same period between 2014 and 2018, New Mexico's population increased by 0.24 percent and the United States population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: Grant (2018)



Per capita personal income for Grant County in 2018 was \$41,026. Per capita income for Grant County was 98.60 percent of the corresponding state figure of \$41,609 and 75.35 percent of the national average of \$54,446 (See Figures 1 and 2). Between 2014 and 2018, the growth rate of per capita income in Grant County increased by 16.57 percent, compared to the state (11.91 percent) and the nation (15.70 percent) for the same period.

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



Total employment in Grant County in 2018 was 13,082. Between 2014 and 2018, total employment decreased by 1.96 percent compared to the state's 2.93 percent increase and the nation's 7.79 percent increase. The employment to population ratio for Grant County was 0.48 compared to the state ratio (0.53) and the national ratio (0.61).

In 2018, the Private sector employed 72.01 percent of all workers in Grant County, while Government and Government Enterprises accounted for 24.93 percent and Farm employment accounted for 3.07 percent of total employment. Within the private sector, the industries with the highest percentages of total employment included: Retail Trade (10.91), Healthcare and Social Assistance (9.23), and Construction (4.80). Employment in the public sector is largely concentrated between State and Local government with 12.78 percent of employment for Local government and 10.15 percent of employment for State government. Federal/civilian accounted for 1.48 percent and Military employment accounted for 0.52 percent. Employment for Grant County by sector is displayed in Table 1.

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

Table 2 contains LQs for Grant County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Grant County from 2014 to 2018 calculated with respect to the state of New Mexico. For the purpose of this report, a basic

industry is designated by an LQ greater than 1.0, with respect to the employment in the United States, is considered as a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The Mining industry has historically been represented by the highest LQ for Grant County and has been considered a basic industry in recent years. However, because data was not disclosed from 2015 to 2018 it is not considered a basic industry for Grant County at the current time.

The Agricultural sector typically includes Farm employment and employment in Forestry, Fisheries and Related Activities. The Farm employment LQ in 2018 was 2.36 with LQs greater than 2.08 in all years considered. Data for the Forestry, Fishing and Related Activities was not reported for 2014 through 2018 and therefore will not be included at the current time. The Farm employment sector will be considered a basic economic activity for Grant County.

In 2018, Retail Trade will be considered a basic industry within Grant County with an LQ of 1.13. This LQ reflects the services demanded by the large tourism base of the Gila National Forest and Gila Cliff Dwellings National Monument located outside of Silver City. Other private sector industries with an LQ above 1.0 in 2018 are the Utilities industry with an LQ of 1.69 and the Management of Companies and Enterprises industry with an LQ of 1.06. However, these industries are considered non-basic for Grant, as no export product or services takes place outside the county.

Government and Government Enterprises are the aggregate figures of all government levels listed as government categories. The LQ of 3.78 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 an LQ of 1.04 will not be considered a basic industry for Grant County. In 2018, Local government for Grant County had an LQ of 1.78. However, 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 Grant County will be considered non-basic industry.

In brief, data and analysis suggests that for 2018 the following should be considered basic industries in Grant County:

1. Agricultural sector (Farm Employment), accounted for 401 jobs (Forestry, Fishing and Related Activities employment was not disclosed).
2. Retail Trade, accounted for 1,427 jobs.
3. State government employment, accounted for 1,328 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment in Grant County by total employment in the basic sectors. In the case of Grant County, the multiplier is equal to 4.15 ($13,082/3,156$). This ratio suggests that the addition of each basic sector job in Grant County would be associated with additional 4.15 non-basic sector jobs. The export base multiplier (4.15) 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 2017 and 2018, the population for Grant County decreased by 1.25 percent, from 27,692 in 2017 to 27,346 in 2018. Per capita income in Grant County experienced a positive growth rate of 7.29 percent from 2017 to 2018. Per capital income grew from \$38,237 in 2017 to \$41,026 in 2018. Between 2017 and 2018, total employment increased by 257 jobs or a 2.00 percent increase in employment.

Tables 1 to 10 appear on pages 8-17.

Table 1: Grant Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	10197	10114	9946	9802	9995
Proprietors employment	3147	3192	3085	3023	3087
Farm proprietors employment	354	360	359	362	358
Nonfarm proprietors employment 2/	2793	2832	2726	2661	2729
By industry					
Farm employment	393	403	407	405	401
Nonfarm employment	12951	12903	12624	12420	12681
Private nonfarm employment	9353	9413	9167	9108	9420
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	1742	N/A	N/A	N/A	N/A
Utilities	64	60	75	66	65
Construction	585	555	594	571	628
Manufacturing	N/A	208	199	209	215
Wholesale trade	146	134	111	121	118
Retail trade	1493	1503	1472	1420	1427
Transportation and warehousing	140	144	137	158	176
Information	112	102	112	113	117
Finance and insurance	266	248	269	279	273
Real estate and rental and leasing	398	416	363	352	377
Professional, scientific, and technical services	390	401	N/A	392	408
Management of companies and enterprises	N/A	150	N/A	169	185
Administrative and waste management services	N/A	294	293	351	336
Educational services	130	168	161	170	176
Health care and social assistance	1191	1213	1201	1171	1207
Arts, entertainment, and recreation	222	226	198	206	N/A
Accommodation and food services	1036	1019	1022	1031	N/A
Other services, except public administration	732	752	734	719	725
Government and government enterprises	3598	3490	3457	3312	3261
Federal, civilian	206	202	198	197	193
Military	77	71	71	70	68
State and local	3315	3217	3188	3045	3000
State government	1483	1425	1407	1335	1328
Local government	1832	1792	1781	1710	1672
Total employment	13,344	13,306	13,031	12,825	13,082

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

Table 2: Location Quotients for Grant (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.98	0.98	0.98	0.99	0.99
Proprietors employment	1.06	1.07	1.05	1.03	1.02
Farm proprietors employment	2.69	2.82	2.93	3.08	3.07
Nonfarm proprietors employment	0.98	0.99	0.97	0.95	0.94
By industry					
Farm employment	2.08	2.18	2.29	2.37	2.36
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.82	0.82	0.82	0.82	0.83
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	15.22	N/A	N/A	N/A	N/A
Utilities	1.54	1.44	1.79	1.71	1.69
Construction	0.85	0.81	0.85	0.83	0.88
Manufacturing	N/A	0.23	0.22	0.24	0.24
Wholesale trade	0.30	0.28	0.25	0.29	0.28
Retail trade	1.11	1.13	1.14	1.13	1.13
Transportation and warehousing	0.31	0.30	0.27	0.28	0.29
Information	0.47	0.44	0.49	0.51	0.52
Finance and insurance	0.39	0.36	0.39	0.42	0.40
Real estate and rental and leasing	0.66	0.69	0.61	0.59	0.61
Professional, scientific, and technical services	0.42	0.43	N/A	0.43	0.44
Management of companies and enterprises	N/A	0.88	N/A	1.01	1.06
Administrative and waste management services	N/A	0.36	0.36	0.44	0.41
Educational services	0.40	0.52	0.51	0.55	0.57
Health care and social assistance	0.80	0.81	0.82	0.81	0.82
Arts, entertainment, and recreation	0.73	0.77	0.67	0.70	N/A
Accommodation and food services	1.07	1.04	1.05	1.07	N/A
Other services, except public administration	0.94	0.96	0.98	1.00	0.99
Government and government enterprises	2.09	2.07	2.11	2.08	2.04
Federal, civilian	1.03	1.03	1.03	1.06	1.04
Military	0.54	0.52	0.55	0.56	0.54
State and local	2.40	2.37	2.42	2.38	2.33
State government	3.88	3.81	3.90	3.81	3.78
Local government	1.83	1.83	1.86	1.84	1.78
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 Grant (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.97	0.97	0.97	0.97	0.97
Proprietors employment	1.11	1.13	1.12	1.10	1.10
Farm proprietors employment	1.33	1.37	1.40	1.44	1.44
Nonfarm proprietors employment	1.08	1.10	1.09	1.07	1.06
By industry					
Farm employment	1.13	1.14	1.14	1.19	1.19
Nonfarm employment	1.00	1.00	1.00	0.99	0.99
Private nonfarm employment	0.90	0.90	0.90	0.90	0.91
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	3.70	N/A	N/A	N/A	N/A
Utilities	1.13	1.05	1.28	1.22	1.21
Construction	0.80	0.76	0.83	0.79	0.83
Manufacturing	N/A	0.50	0.50	0.55	0.55
Wholesale trade	0.41	0.39	0.37	0.41	0.41
Retail trade	1.06	1.07	1.09	1.09	1.09
Transportation and warehousing	0.44	0.43	0.43	0.45	0.46
Information	0.58	0.54	0.59	0.62	0.65
Finance and insurance	0.62	0.59	0.63	0.67	0.65
Real estate and rental and leasing	0.83	0.86	0.76	0.74	0.77
Professional, scientific, and technical services	0.42	0.42	N/A	0.42	0.43
Management of companies and enterprises	N/A	2.10	N/A	2.35	2.43
Administrative and waste management services	N/A	0.46	0.46	0.53	0.50
Educational services	0.63	0.81	0.79	0.85	0.88
Health care and social assistance	0.78	0.77	0.75	0.74	0.76
Arts, entertainment, and recreation	0.74	0.76	0.69	0.70	N/A
Accommodation and food services	0.95	0.93	0.93	0.94	N/A
Other services, except public administration	1.08	1.11	1.11	1.12	1.10
Government and government enterprises	1.39	1.37	1.39	1.38	1.35
Federal, civilian	0.57	0.57	0.56	0.58	0.57
Military	0.35	0.35	0.35	0.35	0.33
State and local	1.66	1.63	1.65	1.63	1.61
State government	2.05	1.98	2.01	1.99	1.98
Local government	1.44	1.42	1.45	1.43	1.40
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: Grant, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	9,995	76.40
Proprietors employment	3,087	23.60
Farm proprietors employment	358	2.74
Nonfarm proprietors employment	2,729	20.86
By industry		
Farm employment	401	3.07
Nonfarm employment	12,681	96.93
Private nonfarm employment	9,420	72.01
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	65	0.50
Construction	628	4.80
Manufacturing	215	1.64
Wholesale trade	118	0.90
Retail trade	1,427	10.91
Transportation and warehousing	176	1.35
Information	117	0.89
Finance and insurance	273	2.09
Real estate and rental and leasing	377	2.88
Professional, scientific, and technical services	408	3.12
Management of companies and enterprises	185	1.41
Administrative and waste management services	336	2.57
Educational services	176	1.35
Health care and social assistance	1,207	9.23
Arts, entertainment, and recreation	N/A	N/A
Accommodation and food services	N/A	N/A
Other services, except public administration	725	5.54
Government and government enterprises	3,261	24.93
Federal, civilian	193	1.48
Military	68	0.52
State and local	3,000	22.93
State government	1,328	10.15
Local government	1,672	12.78
Total employment	13,082	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: Grant, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Grant
By type			
Wage and salary employment	76.90	78.49	76.40
Proprietors employment	23.10	21.51	23.60
Farm proprietors employment	0.89	1.90	2.74
Nonfarm proprietors employment	22.21	19.61	20.86
By industry			
Farm employment	1.30	2.57	3.07
Nonfarm employment	98.70	97.43	96.93
Private nonfarm employment	86.48	78.99	72.01
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	0.50
Construction	5.47	5.77	4.80
Manufacturing	6.73	3.01	1.64
Wholesale trade	3.20	2.20	0.90
Retail trade	9.62	10.01	10.91
Transportation and warehousing	4.66	2.95	1.35
Information	1.72	1.37	0.89
Finance and insurance	5.18	3.23	2.09
Real estate and rental and leasing	4.73	3.75	2.88
Professional, scientific, and technical services	7.08	7.32	3.12
Management of companies and enterprises	1.33	0.58	1.41
Administrative and waste management services	6.21	5.16	2.57
Educational services	2.38	1.52	1.35
Health care and social assistance	11.27	12.16	9.23
Arts, entertainment, and recreation	2.33	2.33	N/A
Accommodation and food services	7.51	8.53	N/A
Other services, except public administration	5.61	5.05	5.54
Government and government enterprises	12.23	18.44	24.93
Federal, civilian	1.42	2.59	1.48
Military	0.96	1.58	0.52
State and local	9.85	14.27	22.93
State government	2.69	5.12	10.15
Local government	7.16	9.15	12.78
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 Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	76.42	76.01	76.33	76.43	76.40
Proprietors employment	23.58	23.99	23.67	23.57	23.60
Farm proprietors employment	2.65	2.71	2.75	2.82	2.74
Nonfarm proprietors employment	20.93	21.28	20.92	20.75	20.86
By industry					
Farm employment	2.95	3.03	3.12	3.16	3.07
Nonfarm employment	97.05	96.97	96.88	96.84	96.93
Private nonfarm employment	70.09	70.74	70.35	71.02	72.01
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	13.05	N/A	N/A	N/A	N/A
Utilities	0.48	0.45	0.58	0.51	0.50
Construction	4.38	4.17	4.56	4.45	4.80
Manufacturing	N/A	1.56	1.53	1.63	1.64
Wholesale trade	1.09	1.01	0.85	0.94	0.90
Retail trade	11.19	11.30	11.30	11.07	10.91
Transportation and warehousing	1.05	1.08	1.05	1.23	1.35
Information	0.84	0.77	0.86	0.88	0.89
Finance and insurance	1.99	1.86	2.06	2.18	2.09
Real estate and rental and leasing	2.98	3.13	2.79	2.74	2.88
Professional, scientific, and technical services	2.92	3.01	N/A	3.06	3.12
Management of companies and enterprises	N/A	1.13	N/A	1.32	1.41
Administrative and waste management services	N/A	2.21	2.25	2.74	2.57
Educational services	0.97	1.26	1.24	1.33	1.35
Health care and social assistance	8.93	9.12	9.22	9.13	9.23
Arts, entertainment, and recreation	1.66	1.70	1.52	1.61	N/A
Accommodation and food services	7.76	7.66	7.84	8.04	N/A
Other services, except public administration	5.49	5.65	5.63	5.61	5.54
Government and government enterprises	26.96	26.23	26.53	25.82	24.93
Federal, civilian	1.54	1.52	1.52	1.54	1.48
Military	0.58	0.53	0.54	0.55	0.52
State and local	24.84	24.18	24.46	23.74	22.93
State government	11.11	10.71	10.80	10.41	10.15
Local government	13.73	13.47	13.67	13.33	12.78
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