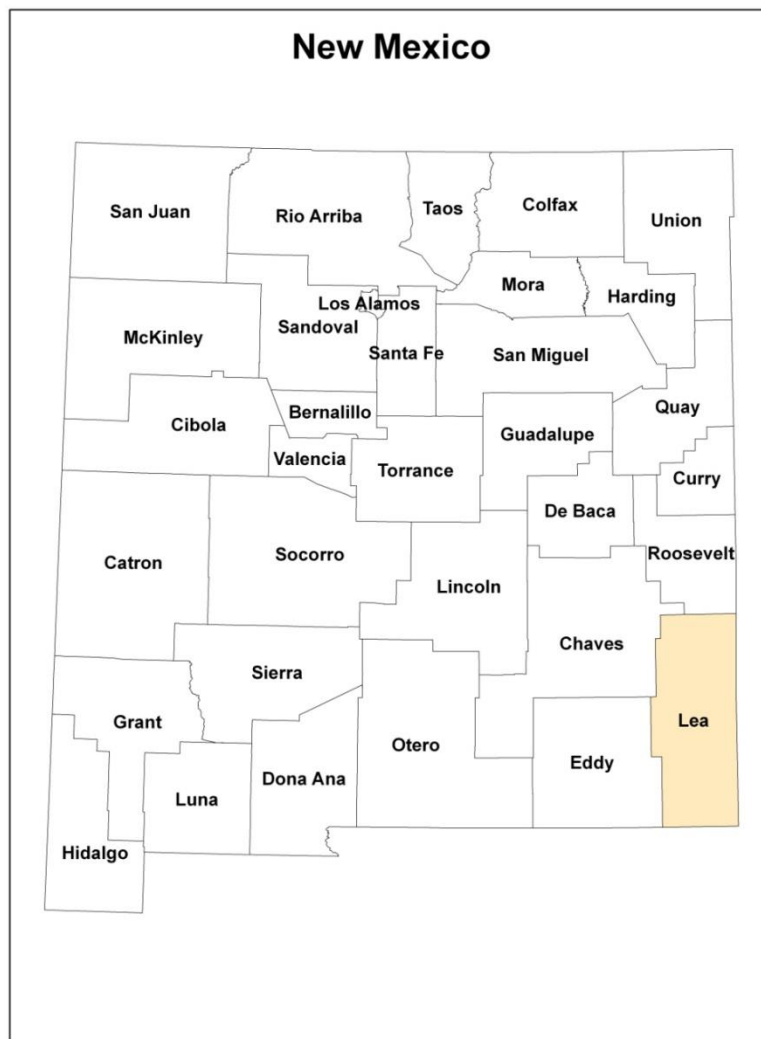


The Economic Base of Lea County, NM

**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 assist 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. The economic base 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:

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

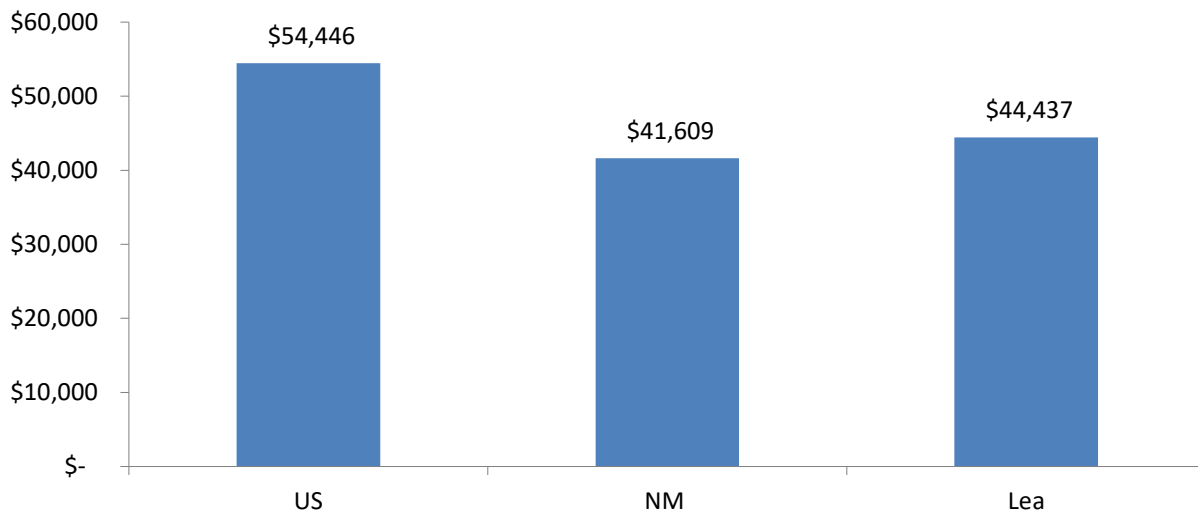
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 and analyzed for the industries within Lea 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). For the purposes of 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 are available and the four years preceding (2014-2018). The economic 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.

Lea County, New Mexico

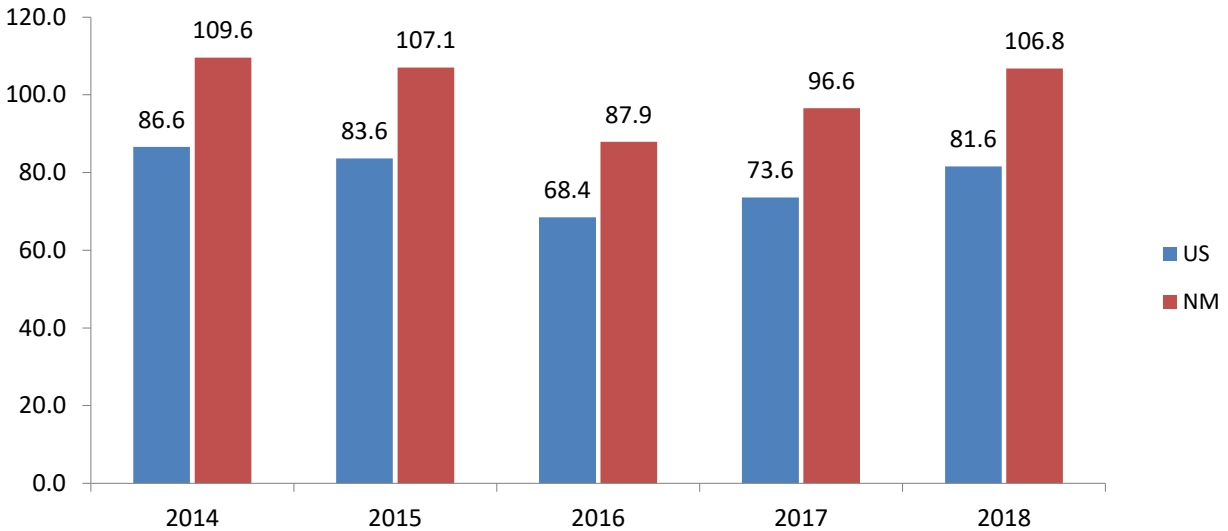
Lea County is located in the southeastern corner of New Mexico and encompasses 4,390.93 square miles of land, or 3.62 percent of the total land area in New Mexico. The population of Lea County in 2018 was of 69,611, or 3.32 percent of the state total, ranking 8th in the state in terms of population. The City of Hobbs, with a population of 38,052 in 2018, represented 54.66 percent of the total population of Lea County (U.S Census Bureau, 2018). Between 2014 and 2018, the population of Lea County decreased by 0.85 percent. During the 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: Lea (2018)



Per capita personal income for Lea County in 2018 was \$44,437. Per capita personal income for Lea County was 106.8 percent of the corresponding state figure (\$41,609) and 81.62 percent of the national figure (\$54,446) (See Figures 1 and 2). Between 2014 and 2018, the per capita income in Lea County increased by 9.04 percent, lower than the state's percentage growth rate (11.91) as well as the nation's percentage growth rate (15.70) for the same period.

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



Total employment in Lea County in 2018 was 41,383 with a decrease of 0.85 percent from 2014 to 2018, compared to the increase of 2.93 percent for the state and an increase of 7.79 percent for the nation. In 2018, Lea County’s employment to population ratio was 0.59, compared to the state (0.53) and the nation (0.61).

In 2018, 88.67 percent of all workers in Lea County were employed in the Private sector, while 9.55 percent were employed in Government and Government Enterprises and 1.78 percent were employed in Farm employment. Within the Private sector, the industries with the highest percentage of total employment included: Mining (24.27), Construction (9.73), and Retail Trade (9.22). From the public sector, Local government was the largest employer with 8.29 percent of total employment. Federal/civilian, Military, and State employment each accounted for less than 1.0 percent of total employment. Employment for Lea County by sector is displayed in Table 1.

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

Table 2 contains LQs for Lea County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Lea County from 2014 to 2018 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ

greater than 1.0 with respect to the U.S. employment is considered as a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The pronounced importance of Mining within the private sector is represented by the highest LQ for Lea County of 35.99 in 2018. The Mining sector has historically been an important economic sector for Lea County with LQs greater than 28.88 for all years considered. The mining industry in Lea County includes potash, oil, and natural gas extraction; mining is classified here as a basic economic activity for the county.

For 2018, all other industries in Lea County have relatively low LQs compared to its LQ for Mining. Farm employment, with an LQ of 1.37 is to be considered a basic industry for Lea County. LQs for Farm employment in Lea County have exceeded 1.18 in all years considered. Accommodation and Food Services had an LQ of 1.11 in 2018 and is considered a basic industry. Transportation and Warehousing (1.36) is also to be considered a basic industry for Lea County. Other industries with LQs above 1.0 include Utilities (2.90) and Construction (1.78). However, the later industries are considered as non-basic industries for Lea County.

Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. For all years considered, the only government sector with an LQ greater than 1.0 was Local government (1.16). However, Local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Lea County is considered a non-basic industry.

In brief, the data and analysis suggest that in 2018, the following industries should be considered basic industries in Lea County:

1. Mining, accounted for 10,043 jobs.
2. Farm employment, accounted for 737 jobs.
3. Accommodation and Food Services, accounted for 3,462 jobs.
4. Transportation and Warehousing, accounted for 2,617 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 Lea County by total employment in the basic sectors. In the case of Lea County, the multiplier is equal to

2.45 (41,383/16,859). This ratio suggests that the addition of each basic sector job in Lea County would be associated with additional 2.45 non-basic sector jobs. The export base multiplier (2.45) calculated above reinforces the importance of basic (exporting) industries to the economy of Lea 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 Lea 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 often includes appropriate combination of policies, which 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 the economic data and the U.S. Census for population data. Between 2017 and 2018, the population of Lea increased by 0.80 percent, from 69,057 in 2017 to 69,611 in 2018. Total employment increased from 2017 to 2018 by 10.38 percent or 3,892 jobs. Per capita income in Lea County increased from \$38,167 in 2017 to \$44,437 in 2018, an increase of 16.43 percent.

Tables 1 to 10 appear on pages 7-16

Table 1: Lea Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	34958	33390	29515	30396	34180
Proprietors employment	6779	7049	7230	7095	7203
Farm proprietors employment	400	411	410	415	410
Nonfarm proprietors employment 2	6379	6638	6820	6680	6793
By industry					
Farm employment	698	739	777	745	737
Nonfarm employment	41039	39700	35968	36746	40646
Private nonfarm employment	37192	35795	31992	32809	36694
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	11086	10107	7970	8473	10043
Utilities	347	360	383	346	353
Construction	3882	3236	2957	3172	4027
Manufacturing	1089	1050	855	815	792
Wholesale trade	1211	1112	977	1001	992
Retail trade	3859	3990	3812	3701	3815
Transportation and warehousing	2336	2370	1853	2020	2617
Information	322	286	277	274	255
Finance and insurance	837	855	880	902	919
Real estate and rental and leasing	1130	1065	1006	1046	1137
Professional, scientific, and technical services	1025	950	903	887	1004
Management of companies and enterprises	152	162	180	174	176
Administrative and waste management services	1734	1683	1526	1617	1683
Educational services	N/A	N/A	230	244	257
Health care and social assistance	N/A	2764	2851	2683	2732
Arts, entertainment, and recreation	502	521	N/A	N/A	N/A
Accommodation and food services	2672	2854	3091	3158	3462
Other services, except public administration	2019	2090	1895	1917	2047
Government and government enterprises	3847	3905	3976	3937	3952
Federal, civilian	86	86	91	89	90
Military	185	178	176	173	172
State and local	3576	3641	3709	3675	3690
State government	276	275	266	271	261
Local government	3300	3366	3443	3404	3429
Total employment	41,737	40,439	36,745	37,491	41,383

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

Table 2: Location Quotients for Lea (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.08	1.06	1.04	1.05	1.07
Proprietors employment	0.73	0.78	0.88	0.83	0.75
Farm proprietors employment	0.97	1.06	1.19	1.21	1.11
Nonfarm proprietors employment	0.72	0.76	0.86	0.81	0.74
By industry					
Farm employment	1.18	1.31	1.55	1.49	1.37
Nonfarm employment	1.00	1.00	0.99	0.99	1.00
Private nonfarm employment	1.04	1.03	1.01	1.01	1.03
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	30.97	30.62	28.88	33.68	35.99
Utilities	2.67	2.84	3.24	3.07	2.90
Construction	1.81	1.55	1.51	1.58	1.78
Manufacturing	0.38	0.38	0.34	0.32	0.28
Wholesale trade	0.80	0.77	0.80	0.81	0.75
Retail trade	0.92	0.98	1.05	1.00	0.96
Transportation and warehousing	1.66	1.61	1.31	1.24	1.36
Information	0.43	0.41	0.43	0.42	0.36
Finance and insurance	0.39	0.41	0.45	0.46	0.43
Real estate and rental and leasing	0.60	0.58	0.60	0.60	0.58
Professional, scientific, and technical services	0.36	0.34	0.35	0.34	0.34
Management of companies and enterprises	0.29	0.31	0.36	0.36	0.32
Administrative and waste management services	0.66	0.67	0.67	0.70	0.65
Educational services	N/A	N/A	0.26	0.27	0.26
Health care and social assistance	N/A	0.61	0.69	0.63	0.59
Arts, entertainment, and recreation	0.53	0.58	N/A	N/A	N/A
Accommodation and food services	0.88	0.96	1.13	1.12	1.11
Other services, except public administration	0.83	0.88	0.90	0.91	0.88
Government and government enterprises	0.71	0.76	0.86	0.85	0.78
Federal, civilian	0.14	0.14	0.17	0.16	0.15
Military	0.42	0.43	0.48	0.47	0.43
State and local	0.83	0.88	1.00	0.98	0.91
State government	0.23	0.24	0.26	0.26	0.23
Local government	1.05	1.13	1.28	1.25	1.16
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 Lea (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.06	1.05	1.02	1.03	1.05
Proprietors employment	0.76	0.82	0.93	0.88	0.81
Farm proprietors employment	0.48	0.51	0.57	0.56	0.52
Nonfarm proprietors employment	0.79	0.85	0.97	0.92	0.84
By industry					
Farm employment	0.64	0.69	0.77	0.75	0.69
Nonfarm employment	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	1.14	1.13	1.11	1.11	1.12
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	7.53	7.45	7.45	7.95	7.85
Utilities	1.96	2.08	2.32	2.19	2.08
Construction	1.69	1.46	1.47	1.50	1.69
Manufacturing	0.83	0.83	0.77	0.73	0.64
Wholesale trade	1.09	1.05	1.14	1.17	1.09
Retail trade	0.88	0.94	1.00	0.97	0.92
Transportation and warehousing	2.34	2.35	2.07	1.97	2.14
Information	0.53	0.50	0.51	0.52	0.45
Finance and insurance	0.62	0.67	0.73	0.74	0.69
Real estate and rental and leasing	0.75	0.73	0.75	0.76	0.73
Professional, scientific, and technical services	0.35	0.33	0.35	0.32	0.33
Management of companies and enterprises	0.70	0.74	0.84	0.83	0.73
Administrative and waste management services	0.83	0.86	0.84	0.84	0.79
Educational services	N/A	N/A	0.40	0.42	0.41
Health care and social assistance	N/A	0.58	0.63	0.58	0.54
Arts, entertainment, and recreation	0.54	0.58	N/A	N/A	N/A
Accommodation and food services	0.79	0.85	0.99	0.99	0.98
Other services, except public administration	0.95	1.01	1.02	1.02	0.98
Government and government enterprises	0.48	0.51	0.57	0.56	0.52
Federal, civilian	0.08	0.08	0.09	0.09	0.08
Military	0.27	0.29	0.31	0.29	0.26
State and local	0.57	0.61	0.68	0.67	0.62
State government	0.12	0.13	0.13	0.14	0.12
Local government	0.83	0.88	0.99	0.98	0.91
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: Lea, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	34,180	82.59
Proprietors employment	7,203	17.41
Farm proprietors employment	410	0.99
Nonfarm proprietors employment	6,793	16.41
By industry		
Farm employment	737	1.78
Nonfarm employment	40,646	98.22
Private nonfarm employment	36,694	88.67
Forestry, fishing, and related activities	N/A	N/A
Mining	10,043	24.27
Utilities	353	0.85
Construction	4,027	9.73
Manufacturing	792	1.91
Wholesale trade	992	2.40
Retail trade	3,815	9.22
Transportation and warehousing	2,617	6.32
Information	255	0.62
Finance and insurance	919	2.22
Real estate and rental and leasing	1,137	2.75
Professional, scientific, and technical services	1,004	2.43
Management of companies and enterprises	176	0.43
Administrative and waste management services	1,683	4.07
Educational services	257	0.62
Health care and social assistance	2,732	6.60
Arts, entertainment, and recreation	N/A	N/A
Accommodation and food services	3,462	8.37
Other services, except public administration	2,047	4.95
Government and government enterprises	3,952	9.55
Federal, civilian	90	0.22
Military	172	0.42
State and local	3,690	8.92
State government	261	0.63
Local government	3,429	8.29
Total employment	41,383	100.00

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

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: Lea, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Lea
By type			
Wage and salary employment	76.90	78.49	82.59
Proprietors employment	23.10	21.51	17.41
Farm proprietors employment	0.89	1.90	0.99
Nonfarm proprietors employment	22.21	19.61	16.41
By industry			
Farm employment	1.30	2.57	1.78
Nonfarm employment	98.70	97.43	98.22
Private nonfarm employment	86.48	78.99	88.67
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	24.27
Utilities	0.29	0.41	0.85
Construction	5.47	5.77	9.73
Manufacturing	6.73	3.01	1.91
Wholesale trade	3.20	2.20	2.40
Retail trade	9.62	10.01	9.22
Transportation and warehousing	4.66	2.95	6.32
Information	1.72	1.37	0.62
Finance and insurance	5.18	3.23	2.22
Real estate and rental and leasing	4.73	3.75	2.75
Professional, scientific, and technical services	7.08	7.32	2.43
Management of companies and enterprises	1.33	0.58	0.43
Administrative and waste management services	6.21	5.16	4.07
Educational services	2.38	1.52	0.62
Health care and social assistance	11.27	12.16	6.60
Arts, entertainment, and recreation	2.33	2.33	N/A
Accommodation and food services	7.51	8.53	8.37
Other services, except public administration	5.61	5.05	4.95
Government and government enterprises	12.23	18.44	9.55
Federal, civilian	1.42	2.59	0.22
Military	0.96	1.58	0.42
State and local	9.85	14.27	8.92
State government	2.69	5.12	0.63
Local government	7.16	9.15	8.29
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: Lea Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	83.76	82.57	80.32	81.08	82.59
Proprietors employment	16.24	17.43	19.68	18.92	17.41
Farm proprietors employment	0.96	1.02	1.12	1.11	0.99
Nonfarm proprietors employment	15.28	16.41	18.56	17.82	16.41
By industry					
Farm employment	1.67	1.83	2.11	1.99	1.78
Nonfarm employment	98.33	98.17	97.89	98.01	98.22
Private nonfarm employment	89.11	88.52	87.06	87.51	88.67
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	26.56	24.99	21.69	22.60	24.27
Utilities	0.83	0.89	1.04	0.92	0.85
Construction	9.30	8.00	8.05	8.46	9.73
Manufacturing	2.61	2.60	2.33	2.17	1.91
Wholesale trade	2.90	2.75	2.66	2.67	2.40
Retail trade	9.25	9.87	10.37	9.87	9.22
Transportation and warehousing	5.60	5.86	5.04	5.39	6.32
Information	0.77	0.71	0.75	0.73	0.62
Finance and insurance	2.01	2.11	2.39	2.41	2.22
Real estate and rental and leasing	2.71	2.63	2.74	2.79	2.75
Professional, scientific, and technical services	2.46	2.35	2.46	2.37	2.43
Management of companies and enterprises	0.36	0.40	0.49	0.46	0.43
Administrative and waste management services	4.15	4.16	4.15	4.31	4.07
Educational services	N/A	N/A	0.63	0.65	0.62
Health care and social assistance	N/A	6.83	7.76	7.16	6.60
Arts, entertainment, and recreation	1.20	1.29	N/A	N/A	N/A
Accommodation and food services	6.40	7.06	8.41	8.42	8.37
Other services, except public administration	4.84	5.17	5.16	5.11	4.95
Government and government enterprises	9.22	9.66	10.82	10.50	9.55
Federal, civilian	0.21	0.21	0.25	0.24	0.22
Military	0.44	0.44	0.48	0.46	0.42
State and local	8.57	9.00	10.09	9.80	8.92
State government	0.66	0.68	0.72	0.72	0.63
Local government	7.91	8.32	9.37	9.08	8.29
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 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