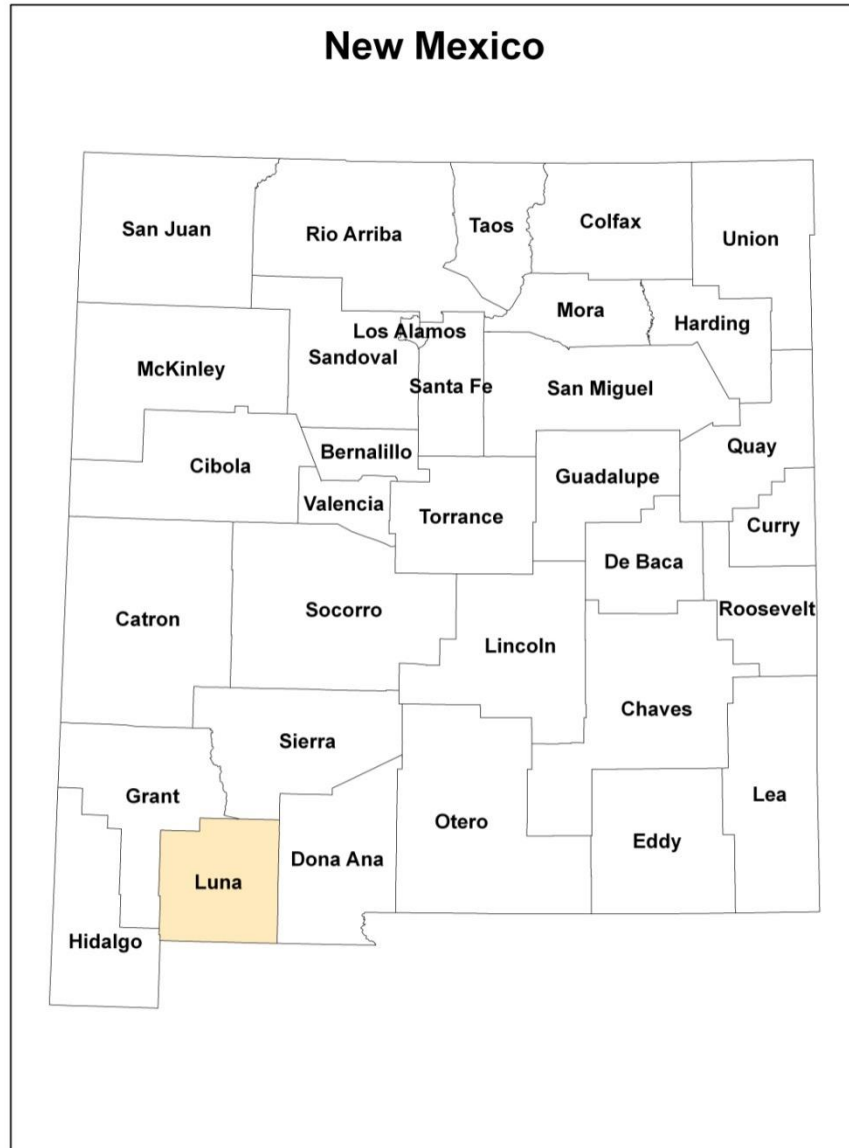


The Economic Base of Luna County, NM

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

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Introduction

This report is one of 35 economic base studies prepared by New Mexico State University's (NMSU) Arrowhead Center. Of the 35 reports, 33 describe the economic base of New Mexico's counties. There are separate reports for the State of New Mexico and for the Albuquerque Metropolitan Statistical Area (MSA). New Mexico has three additional MSAs (Las Cruces, Santa Fe, and Farmington), all of which are single county MSAs; separate reports for these MSAs were not prepared. All 35 reports may be found at <http://arrowheadcenter.nmsu.edu/economic-and-policy-studies/>.

The reports have been prepared under the direction of James Peach. Erin Sumner, a graduate student in the NMSU Doctorate of Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. Our intent is to update these reports on an annual basis.

An economic base study is a descriptive tool used to analyze the composition of local economic activity. Economic base studies are often conducted to help guide local economic development activities and to help economic development officials make decisions such as what type of firms they should attempt to attract to local areas. Economic base studies can also help local and regional businesses better understand local and export product markets.

The specific purposes of economic base studies include:

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

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

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

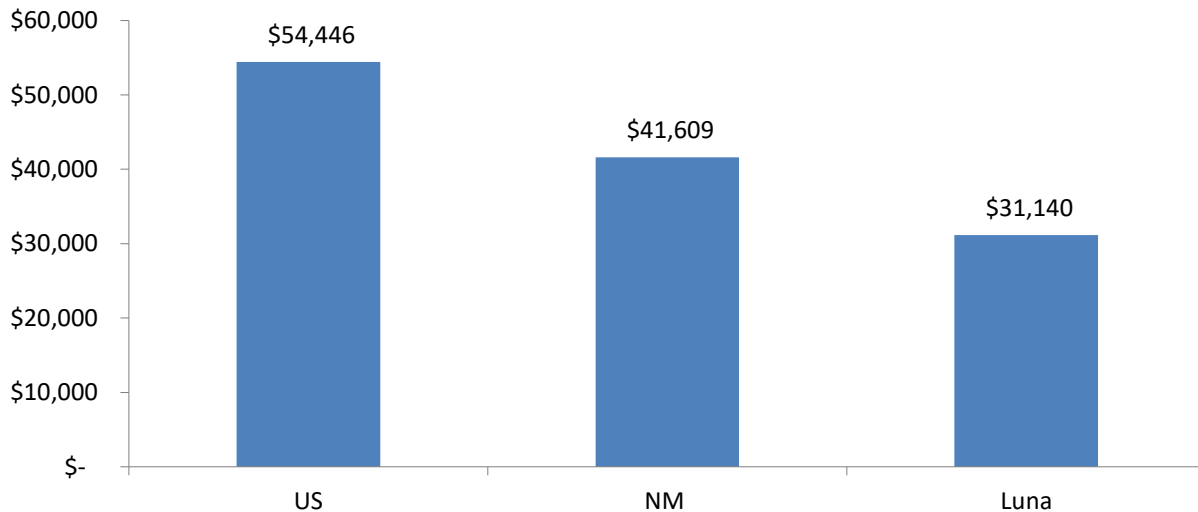
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, an LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see <http://arrowheadcenter.nmsu.edu/wp-content/uploads/2015/06/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated for industries within Luna County with the 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 utilizing 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.

Luna County, New Mexico

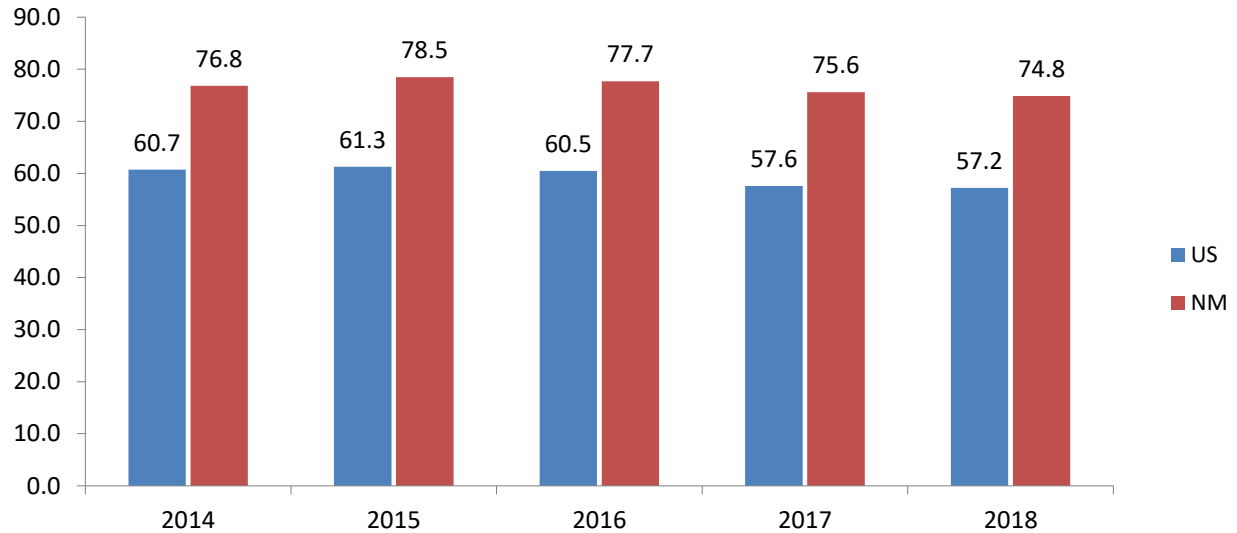
Luna County is located in southwestern New Mexico and contains 2,965.19 square miles, 2.44 percent of the land area in New Mexico. The population for Luna County in 2018 was 23,963, 1.14 percent of the state total and ranking 18th in New Mexico in terms of population. The city of Deming, with a population of 14,292 in 2018 represented 59.64 percent of the total population. Between 2014 and 2018, the population for Luna County decreased by 1.98 percent. During the same period, 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: Luna County (2018)



Per capita income for Luna County was \$31,140 in 2018. Per capita income for Luna County represented 74.84 percent of the corresponding state figure of \$41,609 and 57.19 percent of the national average \$54,446. Despite having a relatively low per capita income, the growth rate of per capita income in Luna County from 2014 to 2018 was 9.01 percent. As a comparison, the percentage growth for the state between 2014 and 2018 was 11.91 percent and 15.70 percent for the nation (See Figure 1 and 2).

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



Total employment for Luna County in 2018 was 9,566. Between 2014 and 2018, total employment in Luna County decreased by 1.37 percent compared to the state’s employment which increased by 2.93 percent and nation’s employment which increased by 7.79 percent. The employment to population ratio for Luna County in 2018 was 0.40, significantly lower compared to state ratio (0.53) and nation’s ratio (0.61). This ratio represents a low population rate being employed.

In 2018, the Private sector employed 75.08 percent of all workers in Luna County, while Government and Government Enterprises employed 21.49 percent, and Farm employment accounted for 3.43 percent of total employment. The industries with the highest percentages of total employment included: Retail Trade (11.83 percent), Manufacturing (9.62), and Accommodation and Food Services (8.79). In the public sector, Local government was the largest employer and accounted for 13.69 percent of total employment. Federal/civilian employment accounted for 4.32 percent of total employment, State government employment accounted for 2.85 percent, and Military accounted for 0.63 percent of total employment. Employment for Luna County by sector is displayed in Table 1.

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

Table 2 contains LQs for Luna County from 2014 to 2018 calculated using data for the United States as basis of comparison. Table 3 contains LQs for Luna 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. Sectors with LQs greater than 1.0 have been shaded.

The importance of the agriculture industry, which is defined as Farm employment and Forestry, Fishing, and Related Activities, to the economic base of Luna County is reflected in the highest LQs for the county in the private sector. In 2018, Farm employment contained an LQ of 2.64 and is considered a basic industry for Luna County. Forestry, Fishing, and Related Activities is considered a basic sector with an LQ of 10.26 in 2018. The Manufacturing sector had an LQ of 1.43, with a small decrease from the previous year. Deming Industrial Park, Columbus International Industrial Park (CIPP), and Peru Mill North Industrial Park provide adequate space for a number of manufacturing firms. Manufacturing is to be considered a basic industry for Luna County. Retail Trade, with an LQ of 1.23 is also to be considered a basic activity in Luna County due to the export of goods to Mexico. Luna County Retail Trade's LQ reflects the retail trading centers in Deming and Columbus that serve Palomas, Chihuahua, Mexico, located directly south of the two cities. Accommodations and Food Services, with an LQ of 1.17 is also considered a basic industry for Luna County. Additionally, the Utilities industry is considered a non-basic sector in this analysis for Luna County although it has an LQ of 2.42.

Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. In 2018, the industries in the public sector with LQs greater than 1.0 in Luna County included: Federal/civilian employment with an LQ of 3.04 and State and Local government with LQs of 1.06 and 1.91, respectively. State government is also considered a basic industry for Luna County in 2018. The large LQ for federal employment reflects the importance of Luna County's U.S. Border Patrol Station located in the CIPP, especially after the increase of full-time agents after 2008. Federal employment is to be considered basic industries for Luna County. Even with an LQ greater than 1.0, 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. Local government for Luna County will be considered a non-basic industry.

The data for 2018 suggest that in Luna County, the following industries should be considered basic:

1. The Agricultural sector which includes Farm employment (328) and Forestry, Fishing, and Related Activities (474), accounted for 802 total jobs
2. Manufacturing, accounted for 920 jobs.
3. Retail Trade, accounted for 1,132 jobs.
4. Accommodations and Food Services, accounted for 841 jobs.
5. Federal/civilian employment, accounted for 413 jobs.
6. State government, accounted for 273 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 Luna County by total employment in the basic sectors. In the case of Luna County, the multiplier is equal to 2.18 ($9,566 / 4,381$). This ratio suggests that the addition of each basic sector job in Luna County would be associated with additional 2.18 non-basic sector jobs. The export base multiplier (2.18) calculated above reinforces the importance of basic (exporting) industries to the economy of Luna 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 Luna County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

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

Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for the economic data and the U.S. Census for population data. The population for Luna County between 2017 and 2018 decreased by 0.77 percent from 24,148 in 2017 to 23,963 in 2018. Per capita personal income in Luna County in 2018 was \$31,140, with a 4.19 percent increase in per capita income from 2017 (\$29,887). Total employment in Luna County increased by 0.71 percent from 2017 to 2018, an increase of 67 jobs.

Tables 1 to 10 appear on pages 8-17

Table 1: Luna Employment by Industry 2014-2018

Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	7934	8034	8135	7734	7754
Proprietors employment	1765	1808	1715	1765	1812
Farm proprietors employment	160	163	162	163	161
Nonfarm proprietors employment 2/	1605	1645	1553	1602	1651
By industry					
Farm employment	312	330	349	332	328
Nonfarm employment	9387	9512	9501	9167	9238
Private nonfarm employment	7224	7338	7350	7073	7182
Forestry, fishing, and related activities	434	467	477	458	474
Mining	45	45	48	32	25
Utilities	51	57	69	70	68
Construction	411	453	456	444	507
Manufacturing	917	966	1025	915	920
Wholesale trade	189	140	120	124	122
Retail trade	1358	1366	1314	1108	1132
Transportation and warehousing	298	334	311	343	366
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	165	164	177	155	154
Real estate and rental and leasing	240	235	239	243	243
Professional, scientific, and technical services	246	232	215	188	177
Management of companies and enterprises	14	N/A	N/A	N/A	N/A
Administrative and waste management services	206	N/A	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	159	102	108	102	104
Accommodation and food services	916	889	868	858	841
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	2163	2174	2151	2094	2056
Federal, civilian	530	476	434	407	413
Military	65	61	61	61	60
State and local	1568	1637	1656	1626	1583
State government	302	304	289	285	273
Local government	1266	1333	1367	1341	1310
Total employment	9,699	9,842	9,850	9,499	9,566

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

Table 2: Location Quotients for Luna (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.05	1.05	1.07	1.06	1.05
Proprietors employment	0.82	0.82	0.77	0.81	0.82
Farm proprietors employment	1.67	1.72	1.75	1.87	1.89
Nonfarm proprietors employment	0.78	0.78	0.73	0.77	0.78
By industry					
Farm employment	2.27	2.41	2.60	2.62	2.64
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.87	0.87	0.87	0.86	0.87
Forestry, fishing, and related activities	8.86	9.86	10.01	10.11	10.26
Mining	0.54	0.56	0.65	0.50	0.39
Utilities	1.69	1.85	2.18	2.46	2.42
Construction	0.83	0.89	0.87	0.87	0.97
Manufacturing	1.36	1.43	1.53	1.43	1.43
Wholesale trade	0.54	0.40	0.36	0.40	0.40
Retail trade	1.39	1.38	1.34	1.19	1.23
Transportation and warehousing	0.91	0.93	0.82	0.83	0.82
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	0.33	0.32	0.34	0.31	0.31
Real estate and rental and leasing	0.55	0.52	0.53	0.55	0.54
Professional, scientific, and technical services	0.37	0.34	0.31	0.28	0.26
Management of companies and enterprises	0.11	N/A	N/A	N/A	N/A
Administrative and waste management services	0.34	N/A	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.72	0.47	0.49	0.47	0.47
Accommodation and food services	1.30	1.23	1.18	1.20	1.17
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	1.73	1.74	1.74	1.78	1.76
Federal, civilian	3.64	3.28	2.99	2.95	3.04
Military	0.63	0.60	0.62	0.66	0.66
State and local	1.56	1.63	1.66	1.72	1.68
State government	1.09	1.10	1.06	1.10	1.06
Local government	1.74	1.84	1.89	1.95	1.91
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 3: Location Quotients for Luna (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.04	1.04	1.05	1.04	1.03
Proprietors employment	0.85	0.86	0.82	0.87	0.88
Farm proprietors employment	0.83	0.84	0.83	0.88	0.88
Nonfarm proprietors employment	0.86	0.87	0.82	0.87	0.88
By industry					
Farm employment	1.23	1.26	1.30	1.32	1.33
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	0.95	0.95	0.95	0.95	0.95
Forestry, fishing, and related activities	8.55	9.35	9.09	8.84	8.98
Mining	0.13	0.14	0.17	0.12	0.08
Utilities	1.24	1.35	1.56	1.75	1.73
Construction	0.77	0.84	0.84	0.83	0.92
Manufacturing	3.01	3.14	3.43	3.25	3.19
Wholesale trade	0.73	0.55	0.52	0.57	0.58
Retail trade	1.33	1.32	1.28	1.15	1.18
Transportation and warehousing	1.29	1.36	1.29	1.32	1.30
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	0.53	0.53	0.55	0.50	0.50
Real estate and rental and leasing	0.69	0.66	0.67	0.69	0.68
Professional, scientific, and technical services	0.36	0.33	0.31	0.27	0.25
Management of companies and enterprises	0.28	N/A	N/A	N/A	N/A
Administrative and waste management services	0.42	N/A	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.73	0.47	0.50	0.47	0.47
Accommodation and food services	1.16	1.09	1.04	1.06	1.03
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	1.15	1.16	1.14	1.17	1.17
Federal, civilian	2.01	1.81	1.64	1.61	1.67
Military	0.41	0.40	0.39	0.41	0.40
State and local	1.08	1.12	1.13	1.18	1.16
State government	0.57	0.57	0.55	0.57	0.56
Local government	1.37	1.43	1.47	1.52	1.50
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: Luna, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	7,754	81.06
Proprietors employment	1,812	18.94
Farm proprietors employment	161	1.68
Nonfarm proprietors employment	1,651	17.26
By industry		
Farm employment	328	3.43
Nonfarm employment	9,238	96.57
Private nonfarm employment	7,182	75.08
Forestry, fishing, and related activities	474	4.96
Mining	25	0.26
Utilities	68	0.71
Construction	507	5.30
Manufacturing	920	9.62
Wholesale trade	122	1.28
Retail trade	1,132	11.83
Transportation and warehousing	366	3.83
Information	N/A	N/A
Finance and insurance	154	1.61
Real estate and rental and leasing	243	2.54
Professional, scientific, and technical services	177	1.85
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	N/A	N/A
Educational services	N/A	N/A
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	104	1.09
Accommodation and food services	841	8.79
Other services, except public administration	N/A	N/A
Government and government enterprises	2,056	21.49
Federal, civilian	413	4.32
Military	60	0.63
State and local	1,583	16.55
State government	273	2.85
Local government	1,310	13.69
Total employment	9,566	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: Luna, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Luna
By type			
Wage and salary employment	76.90	78.49	81.06
Proprietors employment	23.10	21.51	18.94
Farm proprietors employment	0.89	1.90	1.68
Nonfarm proprietors employment	22.21	19.61	17.26
By industry			
Farm employment	1.30	2.57	3.43
Nonfarm employment	98.70	97.43	96.57
Private nonfarm employment	86.48	78.99	75.08
Forestry, fishing, and related activities	0.48	0.55	4.96
Mining	0.67	3.09	0.26
Utilities	0.29	0.41	0.71
Construction	5.47	5.77	5.30
Manufacturing	6.73	3.01	9.62
Wholesale trade	3.20	2.20	1.28
Retail trade	9.62	10.01	11.83
Transportation and warehousing	4.66	2.95	3.83
Information	1.72	1.37	N/A
Finance and insurance	5.18	3.23	1.61
Real estate and rental and leasing	4.73	3.75	2.54
Professional, scientific, and technical services	7.08	7.32	1.85
Management of companies and enterprises	1.33	0.58	N/A
Administrative and waste management services	6.21	5.16	N/A
Educational services	2.38	1.52	N/A
Health care and social assistance	11.27	12.16	N/A
Arts, entertainment, and recreation	2.33	2.33	1.09
Accommodation and food services	7.51	8.53	8.79
Other services, except public administration	5.61	5.05	N/A
Government and government enterprises	12.23	18.44	21.49
Federal, civilian	1.42	2.59	4.32
Military	0.96	1.58	0.63
State and local	9.85	14.27	16.55
State government	2.69	5.12	2.85
Local government	7.16	9.15	13.69
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: Luna Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	81.80	81.63	82.59	81.42	81.06
Proprietors employment	18.20	18.37	17.41	18.58	18.94
Farm proprietors employment	1.65	1.66	1.64	1.72	1.68
Nonfarm proprietors employment	16.55	16.71	15.77	16.86	17.26
By industry					
Farm employment	3.22	3.35	3.54	3.50	3.43
Nonfarm employment	96.78	96.65	96.46	96.50	96.57
Private nonfarm employment	74.48	74.56	74.62	74.46	75.08
Forestry, fishing, and related activities	4.47	4.74	4.84	4.82	4.96
Mining	0.46	0.46	0.49	0.34	0.26
Utilities	0.53	0.58	0.70	0.74	0.71
Construction	4.24	4.60	4.63	4.67	5.30
Manufacturing	9.45	9.82	10.41	9.63	9.62
Wholesale trade	1.95	1.42	1.22	1.31	1.28
Retail trade	14.00	13.88	13.34	11.66	11.83
Transportation and warehousing	3.07	3.39	3.16	3.61	3.83
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	1.70	1.67	1.80	1.63	1.61
Real estate and rental and leasing	2.47	2.39	2.43	2.56	2.54
Professional, scientific, and technical services	2.54	2.36	2.18	1.98	1.85
Management of companies and enterprises	0.14	N/A	N/A	N/A	N/A
Administrative and waste management services	2.12	N/A	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	1.64	1.04	1.10	1.07	1.09
Accommodation and food services	9.44	9.03	8.81	9.03	8.79
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	22.30	22.09	21.84	22.04	21.49
Federal, civilian	5.46	4.84	4.41	4.28	4.32
Military	0.67	0.62	0.62	0.64	0.63
State and local	16.17	16.63	16.81	17.12	16.55
State government	3.11	3.09	2.93	3.00	2.85
Local government	13.05	13.54	13.88	14.12	13.69
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