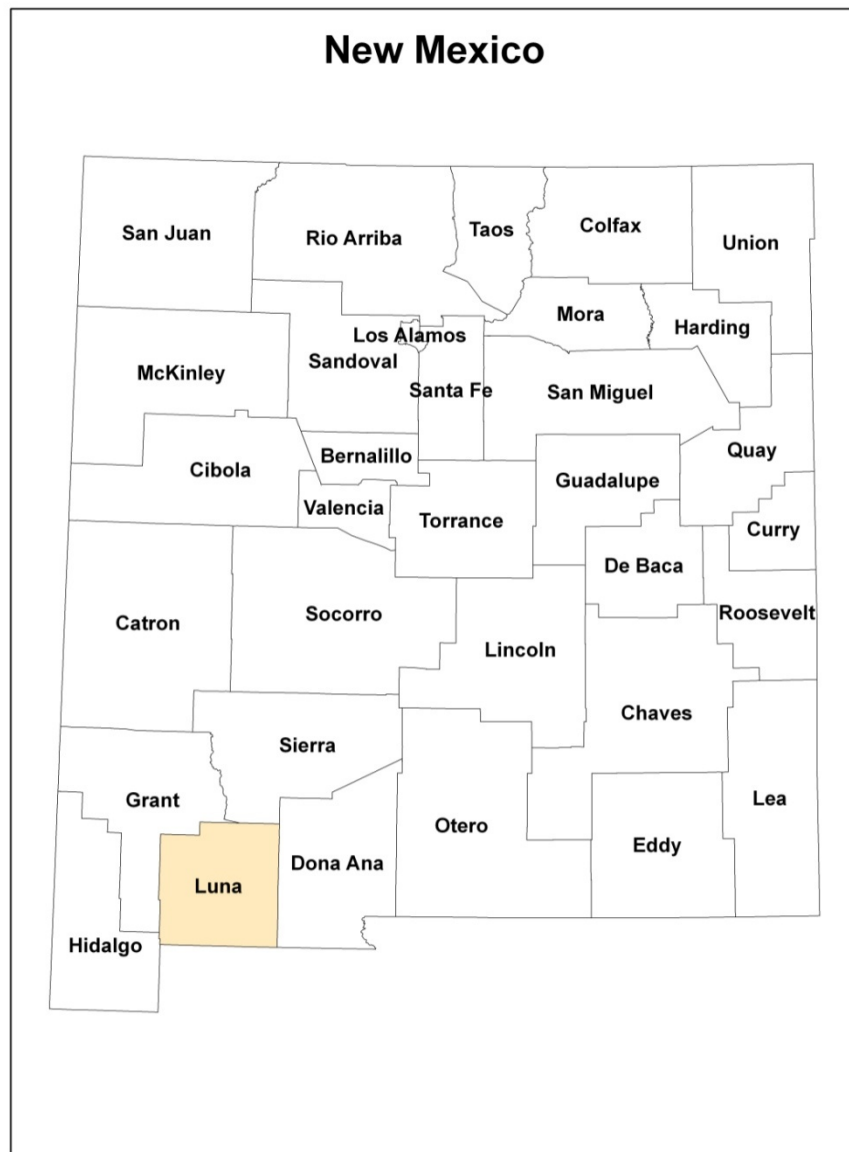




**The Economic Base of Luna County, NM**

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

**Date: July 2019**



## The Economic Base of Luna County, New Mexico

### Introduction

This report is one of 35 economic base studies prepared by the Office of Policy Analysis at 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. Theophilus Djaba and Erin Sumner, graduate students 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](mailto: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:

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

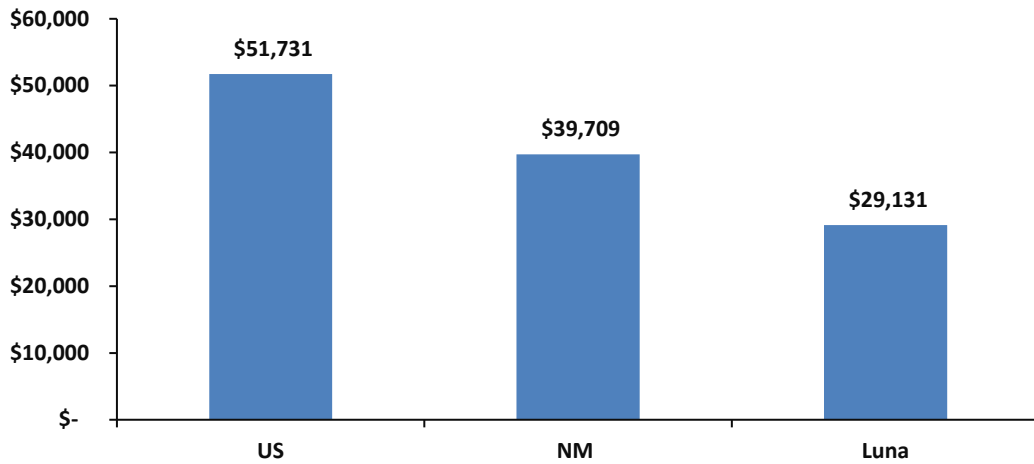
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, 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 (2013-2017). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at [www.bea.gov](http://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 2017 was 24,078, 1.15 percent of the state total and ranking 18<sup>th</sup> in New Mexico in terms of population. The city of Deming, with a population of 14,183 in 2017 represented 58.90 percent of the total population. Between 2013 and 2017, the population for Luna County decreased by 1.97 percent. During the same period, New Mexico's population increased by 0.03 percent and the United States' population increased by 2.88 percent.

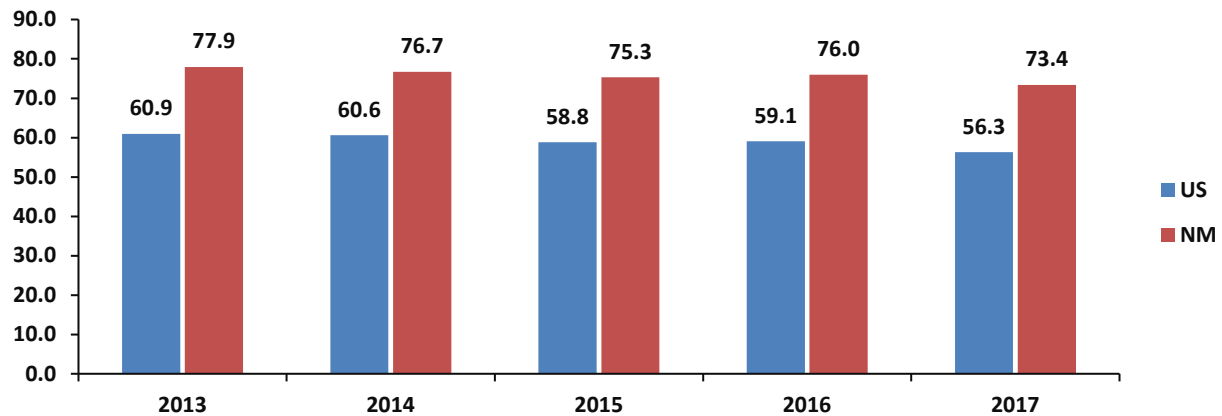
**Figure 1. Per Capita Personal Income: Luna County (2017)**



Per capita income for Luna County was \$29,131 and ranked 31<sup>st</sup> in the state in 2017. Per capita income for Luna County represented 73.36 percent of the corresponding state figure of \$39,709 and 56.31 percent of the national average \$51,731. Despite having a relatively low per capita income, the growth rate of per capita income in Luna County from 2013 to 2017 was positive for all years, with a 6.57 percent growth between 2013 and 2017. The percentage growth for the state between 2013 and 2017 was 13.21 percent and 15.34 percent for the nation (See Figure 1 and 2).

Total employment for Luna County in 2017 was 9,474. Between 2013 and 2017, total employment in Luna County decreased by 2.43 percent compared to the state's employment, which increased by 2.08 percent while national employment increased by 7.57 percent. The employment to population ratio for Luna County in 2017 was 0.39, significantly lower compared to state ratio (0.52) and nation's ratio (0.60). This ratio represents a low population rate being employed.

**Figure 2. Per Capita Personal Income of Socorro County as a Percent of U.S. and New Mexico 2013-20**



In 2017, the Private sector employed 74.49 percent of all workers in Luna County, while Government and government enterprises employed 22.10 percent, and Farm employment accounted for 3.41 percent of total employment. The industries with the highest percentages of total employment included: Retail trade (11.65 percent), Manufacturing (9.68), and Accommodation and food service (8.97). Total employment for public sector was 22.10 percent with local government being the largest employer accounting for 14.15 percent of total employment. Federal/civilian employment represented 4.30 percent of total employment; State government employment accounted for 3.01 percent and 0.64 percent for military. Employment for Luna County by sector is displayed in Table 3.

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

Table 1 contains LQs for Luna County from 2013 to 2017 calculated using data for the United States as basis of comparison. Table 2 contains LQs for Luna County from 2013 to 2017 calculated with respect to the state of New Mexico. For the purposes of this report, a LQ greater than 1.0 with respect to 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, as Farm employment and Forestry, fishing, and related activities, to the economic base of Luna County is reflected in the highest LQ for the county in the private sector. In 2017, Farm employment contained a LQ of 2.54 and is considered a basic industry for Luna County. Forestry, fishing, and related activities is considered a basic sector with LQ of 10.08 in 2017. The Manufacturing sector had a 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 a LQ of 1.19 is also to be considered a basic activity in Luna

County due to the export of goods to Mexico. Luna County retail trade 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 a LQ of 1.20 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 though it has an LQ of 2.46.

Government and government enterprises are the aggregate figure of all government levels listed as government categories. In 2017, the industries in the public sector with LQs greater than 1.0 in Luna County included: Federal/civilian employment with a LQ of 2.95, State and local government with a LQ of 1.10 and 1.95 respectively. State government is also considered a basic industry for Luna County in 2017. 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 a 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 2017 suggest that in Luna County, the following industries should be considered basic:

1. The Agricultural sector, farm employment (323) and Forestry, fishing, and related activities (451), accounted for 774 total jobs
2. Manufacturing, accounted for 917 jobs.
3. Retail trade, accounted for 1,104 jobs.
4. Accommodations and food services, accounted for 850 jobs.
5. Federal civilian employment, accounted for 407 jobs.
6. State government, accounted for 285 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment by total employment in the basic sectors. In the case of Luna County, the multiplier is equal to 2.18 ( $9474 / 4,337$ ). 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 2016 and 2017 decreased by 0.86 percent from 24,288 in 2016 to 24,078 in 2017. Per capita personal income in Luna County in 2017 was \$29,131, with a 1.13 percent decrease in per capita income from 2016 (\$29,464).

**Tables 1 to 10 appear on pages 7-16**

<b>Table 1: Location Quotients for Luna County (US Base) 2013-2017</b>					
<b>US Base</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	1.05	1.05	1.05	1.07	1.05
Proprietors employment	0.83	0.82	0.82	0.77	0.81
Farm proprietors employment	1.62	1.65	1.70	1.72	1.83
Nonfarm proprietors employment	0.79	0.78	0.78	0.73	0.77
<b>By industry</b>					
Farm employment	2.36	2.25	2.39	2.58	2.54
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.87	0.87	0.87	0.87	0.86
Forestry, fishing, and related activities	0.00	8.86	9.86	10.02	10.08
Mining	0.00	0.54	0.56	0.65	0.55
Utilities	1.56	1.69	1.85	2.18	2.46
Construction	0.83	0.83	0.89	0.87	0.82
Manufacturing	1.43	1.36	1.43	1.53	1.43
Wholesale trade	0.49	0.54	0.39	0.36	0.40
Retail trade	1.43	1.39	1.38	1.34	1.19
Transportation and warehousing	1.05	0.91	0.93	0.82	0.85
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	0.30	0.33	0.32	0.34	0.34
Real estate and rental and leasing	0.59	0.55	0.52	0.53	0.56
Professional, scientific, and technical services	0.36	0.37	0.34	0.31	0.29
Management of companies and enterprises	0.07	0.11	0.00	0.00	0.00
Administrative and waste management services	0.30	0.34	0.00	0.00	0.00
Educational services	0.00	0.00	0.00	0.00	0.00
Health care and social assistance	0.00	0.00	0.00	0.00	0.00
Arts, entertainment, and recreation	0.67	0.72	0.47	0.49	0.50
Accommodation and food services	1.15	1.30	1.23	1.18	1.20
Other services, except public administration	0.00	0.00	0.00	0.00	0.00
Government and government enterprises	1.71	1.73	1.74	1.74	1.78
Federal, civilian	3.73	3.65	3.28	2.99	2.95
Military	0.61	0.60	0.61	0.63	0.65
State and local	1.53	1.56	1.63	1.67	1.72
State government	1.05	1.09	1.10	1.06	1.10
Local government	1.72	1.74	1.84	1.89	1.95
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation



<b>Table 2: Location Quotients for Luna County (NM Base) 2013-2017</b>					
<b>NM Based</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	1.04	1.04	1.04	1.05	1.04
Proprietors employment	0.86	0.85	0.86	0.82	0.86
Farm proprietors employment	0.82	0.82	0.83	0.83	0.87
Nonfarm proprietors employment	0.87	0.86	0.87	0.82	0.86
<b>By industry</b>					
Farm employment	1.26	1.23	1.26	1.30	1.31
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	0.00	8.55	9.35	9.09	9.24
Mining	0.00	0.13	0.14	0.17	0.14
Utilities	1.14	1.24	1.35	1.56	1.80
Construction	0.77	0.77	0.84	0.84	0.78
Manufacturing	3.03	3.01	3.14	3.43	3.20
Wholesale trade	0.69	0.73	0.54	0.52	0.59
Retail trade	1.37	1.33	1.32	1.28	1.15
Transportation and warehousing	1.45	1.29	1.36	1.29	1.34
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	0.49	0.53	0.53	0.55	0.54
Real estate and rental and leasing	0.73	0.69	0.66	0.67	0.70
Professional, scientific, and technical services	0.35	0.36	0.33	0.31	0.28
Management of companies and enterprises	0.18	0.28	0.00	0.00	0.00
Administrative and waste management services	0.37	0.42	0.00	0.00	0.00
Educational services	0.00	0.00	0.00	0.00	0.00
Health care and social assistance	0.00	0.00	0.00	0.00	0.00
Arts, entertainment, and recreation	0.67	0.73	0.47	0.50	0.50
Accommodation and food services	1.04	1.16	1.09	1.04	1.06
Other services, except public administration	0.00	0.00	0.00	0.00	0.00
Government and government enterprises	1.15	1.15	1.16	1.14	1.18
Federal, civilian	2.05	2.01	1.81	1.64	1.61
Military	0.40	0.40	0.41	0.40	0.41
State and local	1.07	1.08	1.12	1.13	1.18
State government	0.57	0.57	0.57	0.55	0.57
Local government	1.35	1.37	1.43	1.47	1.52
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 3: Luna County Total Employment by Industry 2017</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	7,730	81.59
Proprietors employment	1,744	18.41
Farm proprietors employment	160	1.69
Nonfarm proprietors employment	1,584	16.72
<b>By industry</b>		
Farm employment	323	3.41
Nonfarm employment	9,151	96.59
Private nonfarm employment	7,057	74.49
Forestry, fishing, and related activities	451	4.76
Mining	40	0.42
Utilities	79	0.83
Construction	419	4.42
Manufacturing	917	9.68
Wholesale trade	126	1.33
Retail trade	1,104	11.65
Transportation and warehousing	314	3.31
Information	0	0.00
Finance and insurance	172	1.82
Real estate and rental and leasing	247	2.61
Professional, scientific, and technical services	189	1.99
Management of companies and enterprises	0	0.00
Administrative and waste management services	0	0.00
Educational services	0	0.00
Health care and social assistance	0	0.00
Arts, entertainment, and recreation	107	1.13
Accommodation and food services	850	8.97
Other services, except public administration	0	0.00
Government and government enterprises	2,094	22.10
Federal, civilian	407	4.30
Military	61	0.64
State and local	1,626	17.16
State government	285	3.01
Local government	1,341	14.15
<b>Total employment</b>	<b>9,474</b>	<b>100.00</b>

*Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation*

<b>Table 4: Luna County Employment by Industry 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	7922	7932	8034	8135	7730
Proprietors employment	1788	1762	1806	1713	1744
Farm proprietors employment	160	158	161	160	160
Nonfarm proprietors employment 2/	1628	1604	1645	1553	1584
<b>By industry</b>					
Farm employment	332	310	328	347	323
Nonfarm employment	9378	9384	9512	9501	9151
Private nonfarm employment	7183	7224	7337	7349	7057
Forestry, fishing, and related activities		434	467	477	451
Mining		45	45	48	40
Utilities	48	51	57	69	79
Construction	410	411	453	456	419
Manufacturing	969	917	966	1025	917
Wholesale trade	167	188	139	120	126
Retail trade	1395	1358	1366	1314	1104
Transportation and warehousing	335	298	334	311	314
Information					
Finance and insurance	156	165	164	177	172
Real estate and rental and leasing	253	240	235	239	247
Professional, scientific, and technical services	242	246	232	215	189
Management of companies and enterprises	9	14			
Administrative and waste management services	183	206			
Educational services					
Health care and social assistance					
Arts, entertainment, and recreation	144	159	102	108	107
Accommodation and food services	803	916	889	868	850
Other services, except public administration					
Government and government enterprises	2195	2160	2175	2152	2094
Federal, civilian	562	530	476	434	407
Military	66	62	62	62	61
State and local	1567	1568	1637	1656	1626
State government	297	302	304	289	285
Local government	1270	1266	1333	1367	1341
<b>Total employment</b>	<b>9710</b>	<b>9694</b>	<b>9840</b>	<b>9848</b>	<b>9474</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 5: New Mexico Employment by Industry 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	846495	852348	860023	861222	862272
Proprietors employment	228970	231044	231850	231184	235600
Farm proprietors employment	21547	21473	21405	21291	21372
Nonfarm proprietors employment	207423	209571	210445	209893	214228
<b>By industry</b>					
Farm employment	29208	28262	28866	29641	28633
Nonfarm employment	1046257	1055130	1063007	1062765	1069239
Private nonfarm employment	835402	845778	854438	854243	862954
Forestry, fishing, and related activities	5235	5675	5540	5819	5658
Mining	36857	38222	36655	31808	33725
Utilities	4652	4591	4684	4900	5099
Construction	59142	59584	59709	60012	62633
Manufacturing	35463	34022	34158	33188	33239
Wholesale trade	26688	28856	28502	25379	24946
Retail trade	112726	113923	114888	113636	111443
Transportation and warehousing	25502	25903	27243	26672	27060
Information	16059	15725	15588	16001	15339
Finance and insurance	35010	34783	34461	35684	36737
Real estate and rental and leasing	38414	39111	39660	39866	40634
Professional, scientific, and technical services	75919	76116	77542	77751	79601
Management of companies and enterprises	5502	5631	5877	6337	6449
Administrative and waste management services	54597	54370	52998	53887	55307
Educational services	16426	16736	16965	17026	17020
Health care and social assistance	123737	124796	129720	134269	134712
Arts, entertainment, and recreation	23734	24225	24245	24151	24831
Accommodation and food services	85494	88296	90192	92521	93037
Other services, except public administration	54245	55213	55811	55336	55484
Government and government enterprises	210855	209352	208569	208522	206285
Federal, civilian	30400	29452	29188	29385	29288
Military	18350	17518	16923	17159	17348
State and local	162105	162382	162458	161978	159649
State government	57772	58752	58962	58703	57617
Local government	104333	103630	103496	103275	102032
<b>Total employment</b>	<b>1075465</b>	<b>1083392</b>	<b>1091873</b>	<b>1092406</b>	<b>1097872</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

**Table 6: United States Employment by Industry 2013-2017**

Number of jobs by industry	2013	2014	2015	2016	2017
<b>By type</b>					
Wage and salary employment	141,932,000.00	144,722,000.00	147,635,000.00	149,904,000.00	151,825,000.00
Proprietors employment	40,393,100.00	41,513,800.00	42,682,800.00	43,464,900.00	44,307,200.00
Farm proprietors employment	1,856,000.00	1,842,000.00	1,832,000.00	1,823,000.00	1,812,000.00
Nonfarm proprietors employment	38,537,100.00	39,671,800.00	40,850,800.00	41,641,900.00	42,495,200.00
<b>By industry</b>					
Farm employment	2,645,000.00	2,645,000.00	2,649,000.00	2,643,000.00	2,631,000.00
Nonfarm employment	179,680,100.00	183,590,800.00	187,668,800.00	190,725,900.00	193,501,200.00
Private nonfarm employment	155,625,100.00	159,536,800.00	163,523,800.00	166,427,900.00	169,096,200.00
Forestry, fishing, and related activities	909,100.00	941,000.00	915,900.00	935,200.00	926,400.00
Mining	1,607,000.00	1,597,500.00	1,553,300.00	1,452,200.00	1,511,100.00
Utilities	578,300.00	580,600.00	597,400.00	622,000.00	663,500.00
Construction	9,237,800.00	9,564,300.00	9,844,900.00	10,322,100.00	10,634,600.00
Manufacturing	12,761,200.00	12,908,600.00	13,076,600.00	13,131,900.00	13,304,800.00
Wholesale trade	6,343,100.00	6,720,600.00	6,819,100.00	6,464,400.00	6,478,900.00
Retail trade	18,369,100.00	18,713,100.00	19,095,300.00	19,199,500.00	19,222,200.00
Transportation and warehousing	6,012,800.00	6,282,400.00	6,929,700.00	7,413,200.00	7,663,800.00
Information	3,264,600.00	3,327,000.00	3,316,400.00	3,384,900.00	3,384,400.00
Finance and insurance	9,815,300.00	9,621,000.00	9,844,600.00	10,187,400.00	10,510,200.00
Real estate and rental and leasing	8,056,800.00	8,405,800.00	8,668,300.00	8,868,200.00	9,105,900.00
Professional, scientific, and technical services	12,544,300.00	12,864,700.00	13,333,200.00	13,496,900.00	13,721,000.00
Management of companies and enterprises	2,265,000.00	2,360,300.00	2,425,500.00	2,603,800.00	2,667,400.00
Administrative and waste management services	11,366,900.00	11,719,200.00	11,770,600.00	12,033,600.00	12,088,500.00
Educational services	4,339,100.00	4,498,100.00	4,610,900.00	4,641,800.00	4,691,200.00
Health care and social assistance	20,499,200.00	20,798,400.00	21,351,100.00	21,817,100.00	22,201,200.00
Arts, entertainment, and recreation	4,043,800.00	4,223,300.00	4,220,100.00	4,363,100.00	4,455,500.00
Accommodation and food services	13,099,200.00	13,548,900.00	13,977,700.00	14,399,000.00	14,697,400.00
Other services, except public administration	10,512,500.00	10,862,000.00	11,173,200.00	11,091,600.00	11,168,200.00
Government and government enterprises	24,055,000.00	24,054,000.00	24,145,000.00	24,298,000.00	24,405,000.00
Federal, civilian	2,826,000.00	2,792,000.00	2,810,000.00	2,847,000.00	2,857,000.00
Military	2,032,000.00	1,975,000.00	1,956,000.00	1,927,000.00	1,929,000.00
State and local	19,197,000.00	19,287,000.00	19,379,000.00	19,524,000.00	19,619,000.00
State government	5,306,000.00	5,330,000.00	5,349,000.00	5,351,000.00	5,365,000.00
Local government	13,891,000.00	13,957,000.00	14,030,000.00	14,173,000.00	14,254,000.00
<b>Total employment</b>	<b>182,325,100.00</b>	<b>186,235,800.00</b>	<b>190,317,800.00</b>	<b>193,368,900.00</b>	<b>196,132,200.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 7: Luna County, New Mexico and United States Percent of Employment by Industry 2017</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>Luna County</b>
<b>By type</b>			
Wage and salary employment	77.41	78.54	81.59
Proprietors employment	22.59	21.46	18.41
Farm proprietors employment	0.92	1.95	1.69
Nonfarm proprietors employment	21.67	19.51	16.72
<b>By industry</b>			
Farm employment	1.34	2.61	3.41
Nonfarm employment	98.66	97.39	96.59
Private nonfarm employment	86.22	78.60	74.49
Forestry, fishing, and related activities	0.47	0.52	4.76
Mining	0.77	3.07	0.42
Utilities	0.34	0.46	0.83
Construction	5.42	5.70	4.42
Manufacturing	6.78	3.03	9.68
Wholesale trade	3.30	2.27	1.33
Retail trade	9.80	10.15	11.65
Transportation and warehousing	3.91	2.46	3.31
Information	1.73	1.40	0.00
Finance and insurance	5.36	3.35	1.82
Real estate and rental and leasing	4.64	3.70	2.61
Professional, scientific, and technical services	7.00	7.25	1.99
Management of companies and enterprises	1.36	0.59	0.00
Administrative and waste management services	6.16	5.04	0.00
Educational services	2.39	1.55	0.00
Health care and social assistance	11.32	12.27	0.00
Arts, entertainment, and recreation	2.27	2.26	1.13
Accommodation and food services	7.49	8.47	8.97
Other services, except public administration	5.69	5.05	0.00
Government and government enterprises	12.44	18.79	22.10
Federal, civilian	1.46	2.67	4.30
Military	0.98	1.58	0.64
State and local	10.00	14.54	17.16
State government	2.74	5.25	3.01
Local government	7.27	9.29	14.15
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 8: Luna County Percent of Employment by Sectors 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	81.59	81.82	81.65	82.61	81.59
Proprietors employment	18.41	18.18	18.35	17.39	18.41
Farm proprietors employment	1.65	1.63	1.64	1.62	1.69
Nonfarm proprietors employment	16.77	16.55	16.72	15.77	16.72
<b>By industry</b>					
Farm employment	3.42	3.20	3.33	3.52	3.41
Nonfarm employment	96.58	96.80	96.67	96.48	96.59
Private nonfarm employment	73.98	74.52	74.56	74.62	74.49
Forestry, fishing, and related activities	0.00	4.48	4.75	4.84	4.76
Mining	0.00	0.46	0.46	0.49	0.42
Utilities	0.49	0.53	0.58	0.70	0.83
Construction	4.22	4.24	4.60	4.63	4.42
Manufacturing	9.98	9.46	9.82	10.41	9.68
Wholesale trade	1.72	1.94	1.41	1.22	1.33
Retail trade	14.37	14.01	13.88	13.34	11.65
Transportation and warehousing	3.45	3.07	3.39	3.16	3.31
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	1.61	1.70	1.67	1.80	1.82
Real estate and rental and leasing	2.61	2.48	2.39	2.43	2.61
Professional, scientific, and technical services	2.49	2.54	2.36	2.18	1.99
Management of companies and enterprises	0.09	0.14	0.00	0.00	0.00
Administrative and waste management services	1.88	2.13	0.00	0.00	0.00
Educational services	0.00	0.00	0.00	0.00	0.00
Health care and social assistance	0.00	0.00	0.00	0.00	0.00
Arts, entertainment, and recreation	1.48	1.64	1.04	1.10	1.13
Accommodation and food services	8.27	9.45	9.03	8.81	8.97
Other services, except public administration	0.00	0.00	0.00	0.00	0.00
Government and government enterprises	22.61	22.28	22.10	21.85	22.10
Federal, civilian	5.79	5.47	4.84	4.41	4.30
Military	0.68	0.64	0.63	0.63	0.64
State and local	16.14	16.17	16.64	16.82	17.16
State government	3.06	3.12	3.09	2.93	3.01
Local government	13.08	13.06	13.55	13.88	14.15
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 9: New Mexico Percent of Employment by Industry 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	78.71	78.67	78.77	78.84	78.54
Proprietors employment	21.29	21.33	21.23	21.16	21.46
Farm proprietors employment	2.00	1.98	1.96	1.95	1.95
Nonfarm proprietors employment	19.29	19.34	19.27	19.21	19.51
<b>By industry</b>					
Farm employment	2.72	2.61	2.64	2.71	2.61
Nonfarm employment	97.28	97.39	97.36	97.29	97.39
Private nonfarm employment	77.68	78.07	78.25	78.20	78.60
Forestry, fishing, and related activities	0.49	0.52	0.51	0.53	0.52
Mining	3.43	3.53	3.36	2.91	3.07
Utilities	0.43	0.42	0.43	0.45	0.46
Construction	5.50	5.50	5.47	5.49	5.70
Manufacturing	3.30	3.14	3.13	3.04	3.03
Wholesale trade	2.48	2.66	2.61	2.32	2.27
Retail trade	10.48	10.52	10.52	10.40	10.15
Transportation and warehousing	2.37	2.39	2.50	2.44	2.46
Information	1.49	1.45	1.43	1.46	1.40
Finance and insurance	3.26	3.21	3.16	3.27	3.35
Real estate and rental and leasing	3.57	3.61	3.63	3.65	3.70
Professional, scientific, and technical services	7.06	7.03	7.10	7.12	7.25
Management of companies and enterprises	0.51	0.52	0.54	0.58	0.59
Administrative and waste management services	5.08	5.02	4.85	4.93	5.04
Educational services	1.53	1.54	1.55	1.56	1.55
Health care and social assistance	11.51	11.52	11.88	12.29	12.27
Arts, entertainment, and recreation	2.21	2.24	2.22	2.21	2.26
Accommodation and food services	7.95	8.15	8.26	8.47	8.47
Other services, except public administration	5.04	5.10	5.11	5.07	5.05
Government and government enterprises	19.61	19.32	19.10	19.09	18.79
Federal, civilian	2.83	2.72	2.67	2.69	2.67
Military	1.71	1.62	1.55	1.57	1.58
State and local	15.07	14.99	14.88	14.83	14.54
State government	5.37	5.42	5.40	5.37	5.25
Local government	9.70	9.57	9.48	9.45	9.29
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculations



<b>Table 10: United States Percent of Employment by Industry 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	77.85	77.71	77.57	77.52	77.41
Proprietors employment	22.15	22.29	22.43	22.48	22.59
Farm proprietors employment	1.02	0.99	0.96	0.94	0.92
Nonfarm proprietors employment	21.14	21.30	21.46	21.53	21.67
<b>By industry</b>					
Farm employment	1.45	1.42	1.39	1.37	1.34
Nonfarm employment	98.55	98.58	98.61	98.63	98.66
Private nonfarm employment	85.36	85.66	85.92	86.07	86.22
Forestry, fishing, and related activities	0.50	0.51	0.48	0.48	0.47
Mining	0.88	0.86	0.82	0.75	0.77
Utilities	0.32	0.31	0.31	0.32	0.34
Construction	5.07	5.14	5.17	5.34	5.42
Manufacturing	7.00	6.93	6.87	6.79	6.78
Wholesale trade	3.48	3.61	3.58	3.34	3.30
Retail trade	10.07	10.05	10.03	9.93	9.80
Transportation and warehousing	3.30	3.37	3.64	3.83	3.91
Information	1.79	1.79	1.74	1.75	1.73
Finance and insurance	5.38	5.17	5.17	5.27	5.36
Real estate and rental and leasing	4.42	4.51	4.55	4.59	4.64
Professional, scientific, and technical services	6.88	6.91	7.01	6.98	7.00
Management of companies and enterprises	1.24	1.27	1.27	1.35	1.36
Administrative and waste management services	6.23	6.29	6.18	6.22	6.16
Educational services	2.38	2.42	2.42	2.40	2.39
Health care and social assistance	11.24	11.17	11.22	11.28	11.32
Arts, entertainment, and recreation	2.22	2.27	2.22	2.26	2.27
Accommodation and food services	7.18	7.28	7.34	7.45	7.49
Other services, except public administration	5.77	5.83	5.87	5.74	5.69
Government and government enterprises	13.19	12.92	12.69	12.57	12.44
Federal, civilian	1.55	1.50	1.48	1.47	1.46
Military	1.11	1.06	1.03	1.00	0.98
State and local	10.53	10.36	10.18	10.10	10.00
State government	2.91	2.86	2.81	2.77	2.74
Local government	7.62	7.49	7.37	7.33	7.27
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation