

**The Economic Base of Los Alamos County, NM**

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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](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 assist 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. The 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, a 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>.

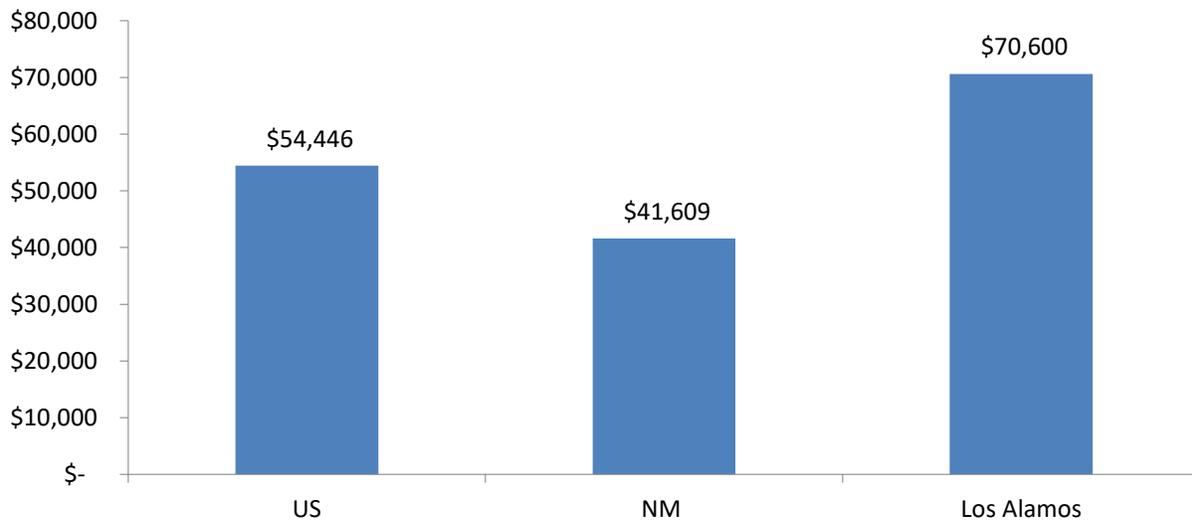
In this report, LQs are calculated for industries within Los Alamos County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and 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](http://www.bea.gov).

## Los Alamos County, New Mexico

Los Alamos County is located in north central New Mexico and contains 109.17 square miles, or 0.09 percent of the land area in New Mexico, the smallest county in the state. The population of Los Alamos County in 2018 was 19,101, 0.91 percent of the state total, and ranking 20<sup>th</sup> in terms of population. In Los Alamos County, the population increased by 7.27 percent between 2014 and 2018. During this 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: Los Alamos (2018)**

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Per capita personal income for Los Alamos County in 2018 was \$70,600. Per capita personal income for Los Alamos County represented 169.67 percent of the corresponding state figure of \$41,609 and 129.67 percent of the national figure of \$54,446 (See Figures 1 and 2). Between 2014 and 2018, the percentage growth rate of per capita income for Los Alamos County was 11.24 percent, compared to the state percentage growth rate of 11.91 percent and the nation's 15.70 percentage growth rate for the same period.

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



Total employment for Los Alamos County in 2018 was 19,428. Between 2014 and 2018, total employment in Los Alamos County increased by 6.37 percent, compared to the state employment increase of 2.93 percent and nation's employment increase of 7.79 percent. The employment to population ratio for Los Alamos County was 1.02, compared to the state ratio (0.53) and the nation's ratio (0.61). This high ratio for Los Alamos County represents the level of employment with workers living outside the county and commuting to work. Given little diversification of the Los Alamos County employment base and limited number of establishments in the County, released data from BEA on employment by industry for the county is very limited to protect confidentiality. However, industry data for all industries are included in annual countywide totals.

In 2018, 90.15 percent of all employment in Los Alamos County was in the Private sector, while Government and Government Enterprises accounted for 9.85 percent and Farm employment accounted for zero percent of the total. In the private sector, the highest percentages of total employment were Professional Scientific and Technical Services (60.13 percent), Healthcare and Social Assistance (5.28 percent), Retail Trade (3.44 percent), and Accommodation and Food Services (2.66 percent). State and Local government employment data were undisclosed. Federal/civilian employment accounted for 1.20 percent of total

employment and Military accounted for 0.26 percent. Employment for Los Alamos County by sector is displayed in Table 1.

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

Table 2 contains LQs for Los Alamos County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Los Alamos County from 2014 to 2018 calculated with respect to the state of New Mexico. An LQ greater than 1.0, with respect to the U.S. employment, is considered a basic industry in this analysis. Sectors with an LQ greater than 1.0 have been shaded.

Within the private sector, Professional Scientific and Technical Services had an LQ of 8.50 in 2018. This is considered a basic industry in Los Alamos County. The entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. The LQs for Government and Government Enterprises are either below 1.0 or the employment data was not disclosed. This indicates that all government employment are non-basic industries in Los Alamos County.

The data for 2018 suggest that in Los Alamos County, the following industry should be considered basic:

1. Professional Scientific and Technical Services, with 11,683 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 Los Alamos County by total employment in the basic sectors. In Los Alamos County, the multiplier is equal to 1.66 (19,428 / 11,683). This ratio suggests that any additional basic sector job in Los Alamos County would be associated with additional 1.66 non-basic sector jobs. The export base multiplier (1.66) calculated above reinforces the importance of basic (exporting) industries to the economy of Los Alamos 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.

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 Bureau for population data. Los Alamos County's population from 2017 to 2018 increased by 1.58 percent from 18,804 in 2017 to 19,101 in 2018. Per capita personal income in Los Alamos County increased by 4.14 percent from 2017 to 2018 from \$67,791 in 2017 to \$70,600 in 2018. Total employment in Los Alamos County decreased by 0.68 percent, a decrease of 133 jobs.

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

**Table 1: Los Alamos Employment by Industry 2014-2018**

<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	16372	16505	17010	17611	17429
Proprietors employment	1892	1988	1962	1950	1999
Farm proprietors employment	0	0	0	0	0
Nonfarm proprietors employment 2/	1892	1988	1962	1950	1999
<b>By industry</b>					
Farm employment	0	0	0	0	0
Nonfarm employment	18264	18493	18972	19561	19428
Private nonfarm employment	16313	16570	17064	17633	17515
Forestry, fishing, and related activities	14	12	10	12	13
Mining	29	28	N/A	N/A	N/A
Utilities	3	7	1	6	5
Construction	261	295	297	290	279
Manufacturing	120	143	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	670	717	710	676	669
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	102	115	115	119	130
Finance and insurance	385	328	351	294	255
Real estate and rental and leasing	321	308	321	313	331
Professional, scientific, and technical services	10414	N/A	N/A	N/A	11683
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	1329	1390	1427	(D)
Educational services	243	197	171	182	193
Health care and social assistance	999	1007	1063	1051	1025
Arts, entertainment, and recreation	281	315	331	329	307
Accommodation and food services	511	484	496	533	517
Other services, except public administration	551	571	561	554	587
Government and government enterprises	1951	1923	1908	1928	1913
Federal, civilian	253	234	233	236	234
Military	51	47	49	50	50
State and local	1647	1642	1626	1642	1629
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
<b>Total employment</b>	<b>18,264</b>	<b>18,493</b>	<b>18,972</b>	<b>19,561</b>	<b>19,428</b>

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

<b>Table 2: Location Quotients for Los Alamos (US Base) 2014-2018</b>					
<b>US Base</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	1.15	1.15	1.16	1.17	1.17
Proprietors employment	0.46	0.48	0.46	0.44	0.45
Farm proprietors employment	0.00	0.00	0.00	0.00	0.00
Nonfarm proprietors employment	0.49	0.50	0.48	0.45	0.46
<b>By industry</b>					
Farm employment	0.00	0.00	0.00	0.00	0.00
<b>Nonfarm employment</b>	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	1.04	1.04	1.05	1.05	1.04
Forestry, fishing, and related activities	0.15	0.13	0.11	0.13	0.14
Mining	0.19	0.19	N/A	N/A	N/A
Utilities	0.05	0.12	0.02	0.10	0.09
Construction	0.28	0.31	0.29	0.28	0.26
Manufacturing	0.09	0.11	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	0.37	0.39	0.38	0.35	0.36
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	0.31	0.36	0.35	0.35	0.39
Finance and insurance	0.41	0.34	0.35	0.29	0.25
Real estate and rental and leasing	0.39	0.37	0.37	0.34	0.36
<b>Professional, scientific, and technical services</b>	8.25	N/A	N/A	N/A	8.50
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	1.16	1.18	1.18	N/A
Educational services	0.55	0.44	0.38	0.39	0.42
Health care and social assistance	0.49	0.49	0.50	0.48	0.47
Arts, entertainment, and recreation	0.68	0.77	0.77	0.73	0.68
Accommodation and food services	0.38	0.36	0.35	0.36	0.35
Other services, except public administration	0.52	0.53	0.52	0.50	0.54
Government and government enterprises	0.83	0.82	0.80	0.79	0.81
Federal, civilian	0.92	0.86	0.83	0.83	0.85
Military	0.26	0.25	0.26	0.26	0.27
State and local	0.87	0.87	0.85	0.84	0.85
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
<b>Total employment</b>	1.00	1.00	1.00	1.00	1.00

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

<b>Table 3: Location Quotients for Los Alamos (NM Base) 2014-2018</b>					
<b>NM Based</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	1.14	1.13	1.14	1.15	1.14
Proprietors employment	0.49	0.51	0.49	0.47	0.48
Farm proprietors employment	0.00	0.00	0.00	0.00	0.00
Nonfarm proprietors employment	0.54	0.56	0.54	0.51	0.52
<b>By industry</b>					
Farm employment	0.00	0.00	0.00	0.00	0.00
Nonfarm employment	1.03	1.03	1.03	1.03	1.03
Private nonfarm employment	1.14	1.15	1.15	1.15	1.14
Forestry, fishing, and related activities	0.15	0.13	0.10	0.11	0.12
Mining	0.05	0.05	N/A	N/A	N/A
Utilities	0.04	0.09	0.01	0.07	0.06
Construction	0.26	0.29	0.29	0.26	0.25
Manufacturing	0.21	0.25	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	0.35	0.37	0.36	0.34	0.34
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	0.38	0.44	0.41	0.43	0.49
Finance and insurance	0.66	0.56	0.57	0.46	0.41
Real estate and rental and leasing	0.49	0.46	0.46	0.43	0.45
Professional, scientific, and technical services	8.12	N/A	N/A	N/A	8.22
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	1.48	1.49	1.42	N/A
Educational services	0.86	0.69	0.58	0.60	0.65
Health care and social assistance	0.48	0.46	0.46	0.44	0.43
Arts, entertainment, and recreation	0.69	0.77	0.79	0.73	0.68
Accommodation and food services	0.34	0.32	0.31	0.32	0.31
Other services, except public administration	0.59	0.60	0.58	0.57	0.60
Government and government enterprises	0.55	0.54	0.53	0.52	0.53
Federal, civilian	0.51	0.47	0.46	0.45	0.47
Military	0.17	0.16	0.16	0.16	0.16
State and local	0.60	0.60	0.58	0.58	0.59
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
<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 4: Los Alamos, Total Employment by Industry 2018</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	17,429	89.71
Proprietors employment	1,999	10.29
Farm proprietors employment	0	0.00
Nonfarm proprietors employment	1,999	10.29
<b>By industry</b>		
Farm employment	0	0.00
Nonfarm employment	19,428	100.00
Private nonfarm employment	17,515	90.15
Forestry, fishing, and related activities	13	0.07
Mining	N/A	N/A
Utilities	5	0.03
Construction	279	1.44
Manufacturing	N/A	N/A
Wholesale trade	N/A	N/A
Retail trade	669	3.44
Transportation and warehousing	N/A	N/A
Information	130	0.67
Finance and insurance	255	1.31
Real estate and rental and leasing	331	1.70
Professional, scientific, and technical services	11,683	60.13
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	(D)	N/A
Educational services	193	0.99
Health care and social assistance	1,025	5.28
Arts, entertainment, and recreation	307	1.58
Accommodation and food services	517	2.66
Other services, except public administration	587	3.02
Government and government enterprises	1,913	9.85
Federal, civilian	234	1.20
Military	50	0.26
State and local	1,629	8.38
State government	N/A	N/A
Local government	N/A	N/A
<b>Total employment</b>	<b>19,428</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>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<b>Total employment</b>	<b>1,083,772</b>	<b>1,091,984</b>	<b>1,092,637</b>	<b>1,097,669</b>	<b>1,115,574</b>

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

<b>Table 6: United States Employment by Industry 2014-2018</b>					
<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<b>Total employment</b>	<b>186,233,800</b>	<b>190,315,800</b>	<b>193,371,900</b>	<b>196,825,300</b>	<b>200,746,000</b>

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

**Table 7: Los Alamos, New Mexico and United States Percent of Employment by Industry 2018**

	United States	New Mexico	Los Alamos
<b>By type</b>			
Wage and salary employment	76.90	78.49	89.71
Proprietors employment	23.10	21.51	10.29
Farm proprietors employment	0.89	1.90	0.00
Nonfarm proprietors employment	22.21	19.61	10.29
<b>By industry</b>			
Farm employment	1.30	2.57	0.00
Nonfarm employment	98.70	97.43	100.00
Private nonfarm employment	86.48	78.99	90.15
Forestry, fishing, and related activities	0.48	0.55	0.07
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	0.03
Construction	5.47	5.77	1.44
Manufacturing	6.73	3.01	N/A
Wholesale trade	3.20	2.20	N/A
Retail trade	9.62	10.01	3.44
Transportation and warehousing	4.66	2.95	N/A
Information	1.72	1.37	0.67
Finance and insurance	5.18	3.23	1.31
Real estate and rental and leasing	4.73	3.75	1.70
Professional, scientific, and technical services	7.08	7.32	60.13
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	0.99
Health care and social assistance	11.27	12.16	5.28
Arts, entertainment, and recreation	2.33	2.33	1.58
Accommodation and food services	7.51	8.53	2.66
Other services, except public administration	5.61	5.05	3.02
Government and government enterprises	12.23	18.44	9.85
Federal, civilian	1.42	2.59	1.20
Military	0.96	1.58	0.26
State and local	9.85	14.27	8.38
State government	2.69	5.12	N/A
Local government	7.16	9.15	N/A
<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: Los Alamos Percent of Employment by Sectors 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	89.64	89.25	89.66	90.03	89.71
Proprietors employment	10.36	10.75	10.34	9.97	10.29
Farm proprietors employment	0.00	0.00	0.00	0.00	0.00
Nonfarm proprietors employment	10.36	10.75	10.34	9.97	10.29
<b>By industry</b>					
Farm employment	0.00	0.00	0.00	0.00	0.00
Nonfarm employment	100.00	100.00	100.00	100.00	100.00
Private nonfarm employment	89.32	89.60	89.94	90.14	90.15
Forestry, fishing, and related activities	0.08	0.06	0.05	0.06	0.07
Mining	0.16	0.15	N/A	N/A	N/A
Utilities	0.02	0.04	0.01	0.03	0.03
Construction	1.43	1.60	1.57	1.48	1.44
Manufacturing	0.66	0.77	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	3.67	3.88	3.74	3.46	3.44
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	0.56	0.62	0.61	0.61	0.67
Finance and insurance	2.11	1.77	1.85	1.50	1.31
Real estate and rental and leasing	1.76	1.67	1.69	1.60	1.70
Professional, scientific, and technical services	57.02	N/A	N/A	N/A	60.13
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	7.19	7.33	7.30	N/A
Educational services	1.33	1.07	0.90	0.93	0.99
Health care and social assistance	5.47	5.45	5.60	5.37	5.28
Arts, entertainment, and recreation	1.54	1.70	1.74	1.68	1.58
Accommodation and food services	2.80	2.62	2.61	2.72	2.66
Other services, except public administration	3.02	3.09	2.96	2.83	3.02
Government and government enterprises	10.68	10.40	10.06	9.86	9.85
Federal, civilian	1.39	1.27	1.23	1.21	1.20
Military	0.28	0.25	0.26	0.26	0.26
State and local	9.02	8.88	8.57	8.39	8.38
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
<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 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<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 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<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