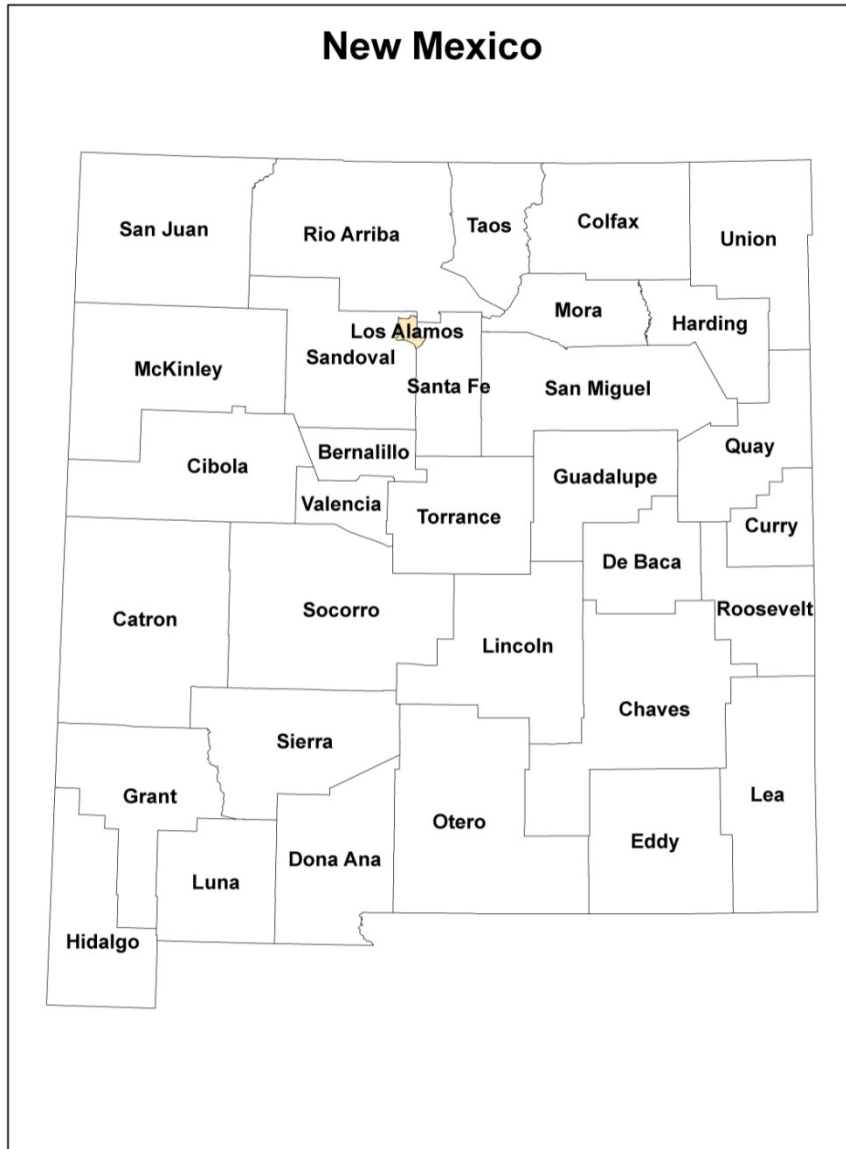




The Economic Base of Los Alamos County, NM

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

DATE: July 2016



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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, Director of the Office of Policy Analysis. Leonardo Delgado and Noel Martinez, graduate students in the NMSU Doctorate in Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. Our intent is to update these reports on an annual basis.

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

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

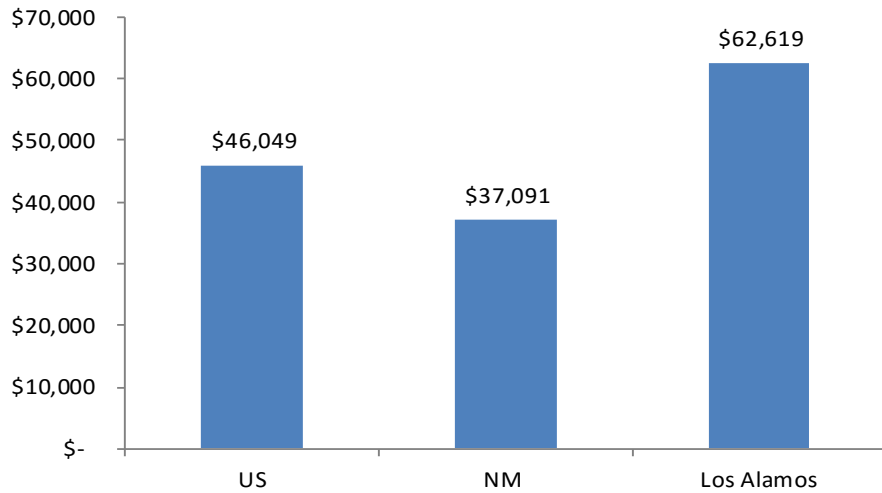
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, a 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 (2010-2014). 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.

Los Alamos County, New Mexico

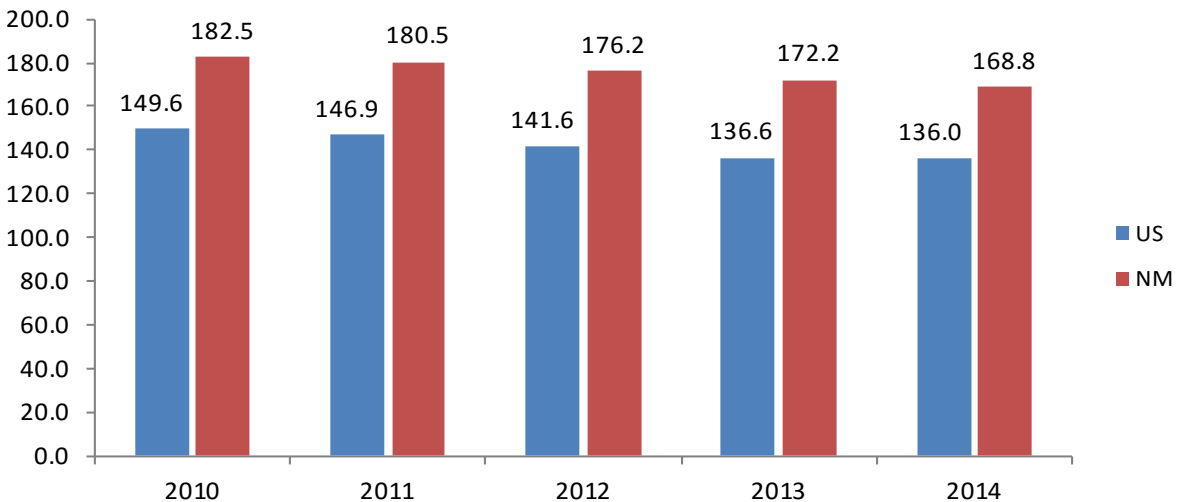
Los Alamos County is located in north central New Mexico and contains 109.17 square miles, or 0.09 percent of the land area in New Mexico, the smallest county in the state. The population of Los Alamos County in 2014 was 17,682, 0.85 percent of the state total, and ranking 21st in terms of population. In Los Alamos County, the population decreased by 1.83 percent between 2010 and 2014. During this same period, New Mexico's population increased by 1.0 percent and the United States' population increased by 3.07 percent.

Figure 1. Per Capita Personal Income 2014



Per capita personal income for Los Alamos County in 2014 was \$62,619, ranking 1st with the highest per capita personal income in New Mexico. Per capita personal income for Los Alamos County represented 168.8 percent of the corresponding state figure of \$37,091 and 136.0 percent of the national average of \$46,049 (See Figures 1 and 2). Between 2010 and 2014, the percentage growth of per capita income for Los Alamos County was 3.92 percent, compared to the state percentage growth 12.33 percent and the nation’s 14.33 percent for the same period.

Figure 2 : Per Capita Income of Los Alamos County as Percent of U.S. and New Mexico 2010-2014



Total employment for Los Alamos County in 2014 was 18,471. Between 2010 and 2014, total employment in Los Alamos County decreased by 6.75 percent, compared to the state employment increase of 2.20 percent and nation’s employment increase of 7.38 percent. The employment to population ratio for Los Alamos County was 1.04, compared to the state ratio (0.52) and the nation’s

ratio (0.58). 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 2014, 89.49 percent of all employment in Los Alamos County was in the Private sector, while Government and government enterprises accounted for 10.51 percent and Farm employment accounted for zero percent of the total. In the private sector, the highest percent of total employment was Professional, scientific, and technical services with 56.56 percent, followed by Health care and social assistance (5.38 percent), Retail trade (3.75 percent) and Accommodations and Food services (2.75 percent). State and local government employment data were undisclosed. Federal/civilian employment accounted for 1.37 percent of total employment and military accounted for 0.27 percent. Employment for Los Alamos County by sector is displayed in Table 3.

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

Table 1 contains LQs for Los Alamos County from 2010 to 2014 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Los Alamos County from 2010 to 2014 calculated with respect to the state of New Mexico. A LQ greater than 1.0, with respect to the U.S. employment, is considered a basic industry in this analysis. Sectors with a LQ greater than 1.0 have been shaded.

Within the private sector, with the exception for Professional, scientist, and technical services with an LQ of 8.20, all other industries are either below 1.0 or data is not available. The large LQ for Professional, scientist, and technical services reflects the high level of employment at Los Alamos National Laboratory (LANL), a government-owned national security research laboratory with large numbers of government and contract employees. Prior to 2010, many of these employees were considered state employees and part of the University of California, Berkeley. Changes in management of LANL resulted in the reclassification of many employees into the category of professional and technical employees. This may be one of the reasons for the decrease in the total figure of state and local employees and the increase in the number of professional, scientist, and technical services industry in 2010. The professional, scientist, and technical services industry is considered a basic industry for Los Alamos. The entry labeled government and government enterprises is the aggregate figure of all government levels listed as government categories. The LQs for state and local government LQs are below 1.0, which indicates all government employment, are non-basic industries in Los Alamos County.

The data for 2014 suggest that in Los Alamos County, the following industry should be considered basic:

1. Professional and technical services, with 10,448 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 Los Alamos County, the multiplier is equal to 1.77 (18,471/ 10,448). This ratio suggests that any additional basic sector job in Los Alamos County would be associated with additional 1.77 non-basic sector jobs. The export base multiplier (1.77) 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 in 2014 decreased to 17,682, from 17,831 in 2013. Per capita personal income in Los Alamos County increased in 2014 by 3.18 percent, from \$60,690 in 2013 to \$62,619 in 2014.

Tables 1 to 10 appear on pages 6-15.

Table 1: Location Quotients for Los Alamos County (US Base) 2010-2014					
US Base	2010	2011	2012	2013	2014
By type					
Wage and salary employment	1.14	1.15	1.14	1.14	1.14
Proprietors employment	0.49	0.48	0.49	0.50	0.52
Farm proprietors employment	0.00	0.00	0.00	0.00	0.00
Nonfarm proprietors employment	0.52	0.51	0.52	0.52	0.54
By industry					
Farm employment	0.00	0.00	0.00	0.00	0.00
Nonfarm employment	1.02	1.02	1.01	1.01	1.01
Private nonfarm employment	1.07	1.06	1.05	1.05	1.04
Forestry, fishing, and related activities	0.37	0.49	0.50	0.50	0.50
Mining	N/A	N/A	N/A	0.35	0.36
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.36	0.30	0.34	0.31	0.29
Manufacturing	N/A	N/A	N/A	0.09	0.09
Wholesale trade	0.19	0.18	0.21	0.13	N/A
Retail trade	0.28	0.29	0.29	0.31	0.37
Transportation and warehousing	0.08	0.07	0.08	0.07	N/A
Information	0.33	0.34	0.32	0.31	0.30
Finance and insurance	0.37	0.40	0.42	0.40	0.40
Real estate and rental and leasing	0.41	0.40	0.43	0.42	0.44
Professional, scientific, and technical services	8.70	8.78	8.46	8.26	8.20
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.56	0.46	0.60	0.72	0.59
Health care and social assistance	0.48	0.47	0.49	0.49	0.48
Arts, entertainment, and recreation	0.68	0.72	0.76	0.73	0.72
Accommodation and food services	0.39	0.41	0.40	0.41	0.38
Other services, except public administration	0.45	0.44	0.44	0.49	0.51
Government and government enterprises	0.71	0.72	0.76	0.80	0.81
Federal, civilian	0.90	0.89	0.99	0.98	0.91
Military	0.22	0.23	0.23	0.25	0.25
State and local	0.73	0.74	0.79	0.83	0.86
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 2: Location Quotients for Los Alamos County (NM Base) 2010-2014

	2010	2011	2012	2013	2014
NM Based					
By type					
Wage and salary employment	1.13	1.13	1.13	1.13	1.12
Proprietors employment	0.51	0.51	0.51	0.52	0.54
Farm proprietors employment	0.00	0.00	0.00	0.00	0.00
Nonfarm proprietors employment	0.56	0.56	0.57	0.58	0.59
By industry					
Farm employment	0.00	0.00	0.00	0.00	0.00
Nonfarm employment	1.02	1.03	1.03	1.03	1.03
Private nonfarm employment	1.17	1.17	1.16	1.15	1.15
Forestry, fishing, and related activities	0.37	0.49	0.51	0.51	0.49
Mining	N/A	N/A	N/A	0.09	0.09
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.32	0.27	0.31	0.28	0.27
Manufacturing	N/A	N/A	N/A	0.19	0.19
Wholesale trade	0.26	0.26	0.30	0.19	N/A
Retail trade	0.28	0.28	0.28	0.30	0.36
Transportation and warehousing	0.11	0.11	0.11	0.10	N/A
Information	0.38	0.41	0.38	0.37	0.38
Finance and insurance	0.60	0.67	0.69	0.66	0.66
Real estate and rental and leasing	0.48	0.48	0.52	0.52	0.54
Professional, scientific, and technical services	8.00	8.18	8.08	8.04	8.01
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.84	0.71	0.94	1.13	0.91
Health care and social assistance	0.47	0.46	0.48	0.48	0.47
Arts, entertainment, and recreation	0.69	0.73	0.76	0.73	0.73
Accommodation and food services	0.35	0.37	0.36	0.37	0.34
Other services, except public administration	0.50	0.50	0.50	0.57	0.58
Government and government enterprises	0.49	0.49	0.52	0.54	0.55
Federal, civilian	0.50	0.48	0.54	0.53	0.50
Military	0.16	0.16	0.16	0.16	0.16
State and local	0.52	0.53	0.55	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
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 3: Los Alamos County Total Employment by Industry 2014		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	16,366	88.60
Proprietors employment	2,105	11.40
Farm proprietors employment	0	0.00
Nonfarm proprietors employment	2,105	11.40
By industry		
Farm employment	0	0.00
Nonfarm employment	18,471	100.00
Private nonfarm employment	16,529	89.49
Forestry, fishing, and related activities	47	0.25
Mining	61	0.33
Utilities	(L)	N/A
Construction	275	1.49
Manufacturing	115	0.62
Wholesale trade	(D)	N/A
Retail trade	693	3.75
Transportation and warehousing	(D)	N/A
Information	100	0.54
Finance and insurance	394	2.13
Real estate and rental and leasing	355	1.92
Professional, scientific, and technical services	10,448	56.56
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	(D)	N/A
Educational services	261	1.41
Health care and social assistance	994	5.38
Arts, entertainment, and recreation	295	1.60
Accommodation and food services	508	2.75
Other services, except public administration	551	2.98
Government and government enterprises	1,942	10.51
Federal, civilian	253	1.37
Military	49	0.27
State and local	1,640	8.88
State government	(D)	N/A
Local government	(D)	N/A
Total employment	18,471	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 4: Los Alamos County Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	17696	17724	17294	16626	16366
Proprietors employment	2111	2141	2106	2072	2105
Farm proprietors employment	0	0	0	0	0
Nonfarm proprietors employment 2/	2111	2141	2106	2072	2105
By industry					
Farm employment	0	0	0	0	0
Nonfarm employment	19807	19865	19400	18698	18471
Private nonfarm employment	17814	17899	17403	16727	16529
Forestry, fishing, and related activities	36	48	48	47	47
Mining	(D)	(D)	(D)	57	61
Utilities	(L)	(L)	(L)	(L)	(L)
Construction	367	299	330	293	275
Manufacturing	(D)	(D)	(D)	115	115
Wholesale trade	130	127	143	86	(D)
Retail trade	572	588	575	586	693
Transportation and warehousing	47	48	50	45	(D)
Information	120	125	113	103	100
Finance and insurance	388	441	439	400	394
Real estate and rental and leasing	358	358	366	351	355
Professional, scientific, and technical services	11713	11838	11190	10617	10448
Management of companies and enterprises	(D)	(D)	(D)	(D)	(D)
Administrative and waste management services	(D)	(D)	(D)	(D)	(D)
Educational services	262	214	274	320	261
Health care and social assistance	1039	1039	1069	1028	994
Arts, entertainment, and recreation	297	313	326	302	295
Accommodation and food services	534	571	550	552	508
Other services, except public administration	501	512	500	534	551
Government and government enterprises	1993	1966	1997	1971	1942
Federal, civilian	313	294	308	283	253
Military	52	53	52	52	49
State and local	1628	1619	1637	1636	1640
State government	(D)	(D)	(D)	(D)	(D)
Local government	(D)	(D)	(D)	(D)	(D)
Total employment	19,807	19,865	19,400	18,698	18,471

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 5: New Mexico Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	837,320	837,281	839,789	846,885	853,031
Proprietors employment	222,287	226,512	226,191	226,600	229,851
Farm proprietors employment	19,083	20,715	21,436	21,547	21,470
Nonfarm proprietors employment 2/	203,204	205,797	204,755	205,053	208,381
By industry					
Farm employment	25,630	27,323	28,370	29,218	28,250
Nonfarm employment	1,033,977	1,036,470	1,037,610	1,044,267	1,054,632
Private nonfarm employment	816,542	822,659	825,711	833,413	845,765
Forestry, fishing, and related activities	5,215	5,237	5,149	5,260	5,641
Mining	27,022	28,356	34,227	36,850	39,435
Utilities	4,565	4,508	4,542	4,623	4,612
Construction	61,238	59,293	57,937	59,216	59,945
Manufacturing	34,537	35,613	35,664	35,444	34,774
Wholesale trade	26,801	26,373	26,083	26,136	26,159
Retail trade	110,226	111,331	111,668	112,557	113,598
Transportation and warehousing	23,351	24,281	25,294	25,408	26,133
Information	17,114	16,469	16,468	16,070	15,567
Finance and insurance	34,550	35,451	35,046	34,666	35,153
Real estate and rental and leasing	39,916	39,833	38,412	38,437	38,678
Professional, scientific, and technical services	78,331	77,473	76,057	75,807	76,505
Management of companies and enterprises	5,406	5,504	5,457	5,514	5,504
Administrative and waste management services	54,266	54,742	53,383	54,572	54,708
Educational services	16,734	16,208	16,094	16,326	16,855
Health care and social assistance	119,378	121,489	123,078	123,434	125,250
Arts, entertainment, and recreation	22,981	23,007	23,586	23,621	23,803
Accommodation and food services	81,122	82,309	83,126	85,409	87,918
Other services, except public administration	53,789	55,182	54,440	54,063	55,527
Government and government enterprises	217,435	213,811	211,899	210,854	208,867
Federal, civilian	33,728	32,611	31,631	30,389	29,538
Military	17,136	18,057	18,178	18,350	17,563
State and local	166,571	163,143	162,090	162,115	161,766
State government	60,408	58,306	57,523	57,775	58,152
Local government	106,163	104,837	104,567	104,340	103,614
Total employment	1,059,607	1,063,793	1,065,980	1,073,485	1,082,882

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 6: United States Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	135,526,000	137,105,000	139,721,000	141,997,000	144,891,000
Proprietors employment	37,508,700	39,173,700	39,360,700	40,393,100	40,907,800
Farm proprietors employment	1,882,000	1,876,000	1,844,000	1,856,000	1,841,000
Nonfarm proprietors employment 2/	35,626,700	37,297,700	37,516,700	38,537,100	39,066,800
By industry					
Farm employment	2,636,000	2,639,000	2,623,000	2,646,000	2,643,000
Nonfarm employment	170,398,700	173,639,700	176,458,700	179,744,100	183,155,800
Private nonfarm employment	145,726,700	149,350,700	152,356,700	155,707,100	159,125,800
Forestry, fishing, and related activities	855,400	860,600	886,400	913,100	937,000
Mining	1,268,000	1,244,000	1,551,200	1,605,000	1,692,000
Utilities	582,200	575,500	577,600	578,300	582,400
Construction	8,793,700	8,774,800	8,944,800	9,260,800	9,610,400
Manufacturing	12,102,900	12,385,700	12,605,200	12,765,200	12,993,400
Wholesale trade	6,024,000	6,160,300	6,243,500	6,342,100	6,419,700
Retail trade	17,591,600	17,954,300	18,085,800	18,391,100	18,710,900
Transportation and warehousing	5,474,200	5,684,800	5,872,400	6,004,800	6,225,000
Information	3,222,600	3,230,000	3,224,700	3,266,600	3,302,000
Finance and insurance	9,202,400	9,751,500	9,702,300	9,817,300	9,833,100
Real estate and rental and leasing	7,697,000	7,936,300	7,859,200	8,062,800	8,135,100
Professional, scientific, and technical services	11,755,800	11,970,100	12,211,200	12,540,300	12,822,700
Management of companies and enterprises	2,019,400	2,080,600	2,180,200	2,264,000	2,336,000
Administrative and waste management services	10,402,200	10,753,600	11,035,400	11,380,900	11,734,900
Educational services	4,089,900	4,122,600	4,198,200	4,325,100	4,439,000
Health care and social assistance	19,089,900	19,417,200	20,112,500	20,486,200	20,832,900
Arts, entertainment, and recreation	3,788,400	3,873,300	3,980,900	4,048,800	4,149,400
Accommodation and food services	11,986,300	12,343,400	12,670,500	13,103,200	13,476,300
Other services, except public administration	9,780,800	10,232,100	10,414,700	10,551,500	10,893,600
Government and government enterprises	24,672,000	24,289,000	24,102,000	24,037,000	24,030,000
Federal, civilian	3,035,000	2,918,000	2,875,000	2,825,000	2,790,000
Military	2,100,000	2,081,000	2,056,000	2,032,000	1,982,000
State and local	19,537,000	19,290,000	19,171,000	19,180,000	19,258,000
State government	5,293,000	5,266,000	5,254,000	5,263,000	5,280,000
Local government	14,244,000	14,024,000	13,917,000	13,917,000	13,978,000
Total employment	173,034,700	176,278,700	179,081,700	182,390,100	185,798,800

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 7: Los Alamos County, New Mexico and United States Percent of Employment by Industry 2014			
	United States	New Mexico	Los Alamos County
By type			
Wage and salary employment	77.98	78.77	88.60
Proprietors employment	22.02	21.23	11.40
Farm proprietors employment	0.99	1.98	0.00
Nonfarm proprietors employment	21.03	19.24	11.40
By industry			
Farm employment	1.42	2.61	0.00
Nonfarm employment	98.58	97.39	100.00
Private nonfarm employment	85.64	78.10	89.49
Forestry, fishing, and related activities	0.50	0.52	0.25
Mining	0.91	3.64	0.33
Utilities	0.31	0.43	N/A
Construction	5.17	5.54	1.49
Manufacturing	6.99	3.21	0.62
Wholesale trade	3.46	2.42	N/A
Retail trade	10.07	10.49	3.75
Transportation and warehousing	3.35	2.41	N/A
Information	1.78	1.44	0.54
Finance and insurance	5.29	3.25	2.13
Real estate and rental and leasing	4.38	3.57	1.92
Professional, scientific, and technical services	6.90	7.06	56.56
Management of companies and enterprises	1.26	0.51	N/A
Administrative and waste management services	6.32	5.05	N/A
Educational services	2.39	1.56	1.41
Health care and social assistance	11.21	11.57	5.38
Arts, entertainment, and recreation	2.23	2.20	1.60
Accommodation and food services	7.25	8.12	2.75
Other services, except public administration	5.86	5.13	2.98
Government and government enterprises	12.93	19.29	10.51
Federal, civilian	1.50	2.73	1.37
Military	1.07	1.62	0.27
State and local	10.36	14.94	8.88
State government	2.84	5.37	N/A
Local government	7.52	9.57	N/A
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 8: Los Alamos County Percent of Employment by Sectors 2010-2014					
Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	89.34	89.22	89.14	88.92	88.60
Proprietors employment	10.66	10.78	10.86	11.08	11.40
Farm proprietors employment	0.00	0.00	0.00	0.00	0.00
Nonfarm proprietors employment	10.66	10.78	10.86	11.08	11.40
By industry					
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	89.94	90.10	89.71	89.46	89.49
Forestry, fishing, and related activities	N/A	N/A	0.25	0.25	0.25
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	1.85	1.51	1.70	1.57	1.49
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	0.64	0.74	0.46	N/A
Retail trade	2.89	2.96	2.96	3.13	3.75
Transportation and warehousing	N/A	0.24	0.26	0.24	N/A
Information	0.61	0.63	0.58	0.55	0.54
Finance and insurance	1.96	2.22	2.26	2.14	2.13
Real estate and rental and leasing	1.81	1.80	1.89	1.88	1.92
Professional, scientific, and technical services	59.14	59.59	57.68	56.78	56.56
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	1.32	1.08	1.41	1.71	1.41
Health care and social assistance	5.25	5.23	5.51	5.50	5.38
Arts, entertainment, and recreation	1.50	1.58	1.68	1.62	1.60
Accommodation and food services	2.70	2.87	2.84	2.95	2.75
Other services, except public administration	2.53	2.58	2.58	2.86	2.98
Government and government enterprises	10.06	9.90	10.29	10.54	10.51
Federal, civilian	1.58	1.48	1.59	1.51	1.37
Military	0.26	0.27	0.27	0.28	0.27
State and local	8.22	8.15	8.44	8.75	8.88
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2010 - 2014					
Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	79.02	78.71	78.78	78.89	78.77
Proprietors employment	20.98	21.29	21.22	21.11	21.23
Farm proprietors employment	1.80	1.95	2.01	2.01	1.98
Nonfarm proprietors employment	19.18	19.35	19.21	19.10	19.24
By industry					
Farm employment	2.42	2.57	2.66	2.72	2.61
Nonfarm employment	97.58	97.43	97.34	97.28	97.39
Private nonfarm employment	77.06	77.33	77.46	77.64	78.10
Forestry, fishing, and related activities	0.49	0.49	0.48	0.49	0.52
Mining	2.55	2.67	3.21	3.43	3.64
Utilities	0.43	0.42	0.43	0.43	0.43
Construction	5.78	5.57	5.44	5.52	5.54
Manufacturing	3.26	3.35	3.35	3.30	3.21
Wholesale trade	2.53	2.48	2.45	2.43	2.42
Retail trade	10.40	10.47	10.48	10.49	10.49
Transportation and warehousing	2.20	2.28	2.37	2.37	2.41
Information	1.62	1.55	1.54	1.50	1.44
Finance and insurance	3.26	3.33	3.29	3.23	3.25
Real estate and rental and leasing	3.77	3.74	3.60	3.58	3.57
Professional, scientific, and technical services	7.39	7.28	7.13	7.06	7.06
Management of companies and enterprises	0.51	0.52	0.51	0.51	0.51
Administrative and waste management services	5.12	5.15	5.01	5.08	5.05
Educational services	1.58	1.52	1.51	1.52	1.56
Health care and social assistance	11.27	11.42	11.55	11.50	11.57
Arts, entertainment, and recreation	2.17	2.16	2.21	2.20	2.20
Accommodation and food services	7.66	7.74	7.80	7.96	8.12
Other services, except public administration	5.08	5.19	5.11	5.04	5.13
Government and government enterprises	20.52	20.10	19.88	19.64	19.29
Federal, civilian	3.18	3.07	2.97	2.83	2.73
Military	1.62	1.70	1.71	1.71	1.62
State and local	15.72	15.34	15.21	15.10	14.94
State government	5.70	5.48	5.40	5.38	5.37
Local government	10.02	9.86	9.81	9.72	9.57
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculations

Table 10: United States Percent of Employment by Industry 2010-2014					
Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	78.32	77.78	78.02	77.85	77.98
Proprietors employment	21.68	22.22	21.98	22.15	22.02
Farm proprietors employment	1.09	1.06	1.03	1.02	0.99
Nonfarm proprietors employment	20.59	21.16	20.95	21.13	21.03
By industry					
Farm employment	1.52	1.50	1.46	1.45	1.42
Nonfarm employment	98.48	98.50	98.54	98.55	98.58
Private nonfarm employment	84.22	84.72	85.08	85.37	85.64
Forestry, fishing, and related activities	0.49	0.49	0.49	0.50	0.50
Mining	0.73	0.71	0.87	0.88	0.91
Utilities	0.34	0.33	0.32	0.32	0.31
Construction	5.08	4.98	4.99	5.08	5.17
Manufacturing	6.99	7.03	7.04	7.00	6.99
Wholesale trade	3.48	3.49	3.49	3.48	3.46
Retail trade	10.17	10.19	10.10	10.08	10.07
Transportation and warehousing	3.16	3.22	3.28	3.29	3.35
Information	1.86	1.83	1.80	1.79	1.78
Finance and insurance	5.32	5.53	5.42	5.38	5.29
Real estate and rental and leasing	4.45	4.50	4.39	4.42	4.38
Professional, scientific, and technical services	6.79	6.79	6.82	6.88	6.90
Management of companies and enterprises	1.17	1.18	1.22	1.24	1.26
Administrative and waste management services	6.01	6.10	6.16	6.24	6.32
Educational services	2.36	2.34	2.34	2.37	2.39
Health care and social assistance	11.03	11.02	11.23	11.23	11.21
Arts, entertainment, and recreation	2.19	2.20	2.22	2.22	2.23
Accommodation and food services	6.93	7.00	7.08	7.18	7.25
Other services, except public administration	5.65	5.80	5.82	5.79	5.86
Government and government enterprises	14.26	13.78	13.46	13.18	12.93
Federal, civilian	1.75	1.66	1.61	1.55	1.50
Military	1.21	1.18	1.15	1.11	1.07
State and local	11.29	10.94	10.71	10.52	10.36
State government	3.06	2.99	2.93	2.89	2.84
Local government	8.23	7.96	7.77	7.63	7.52
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation