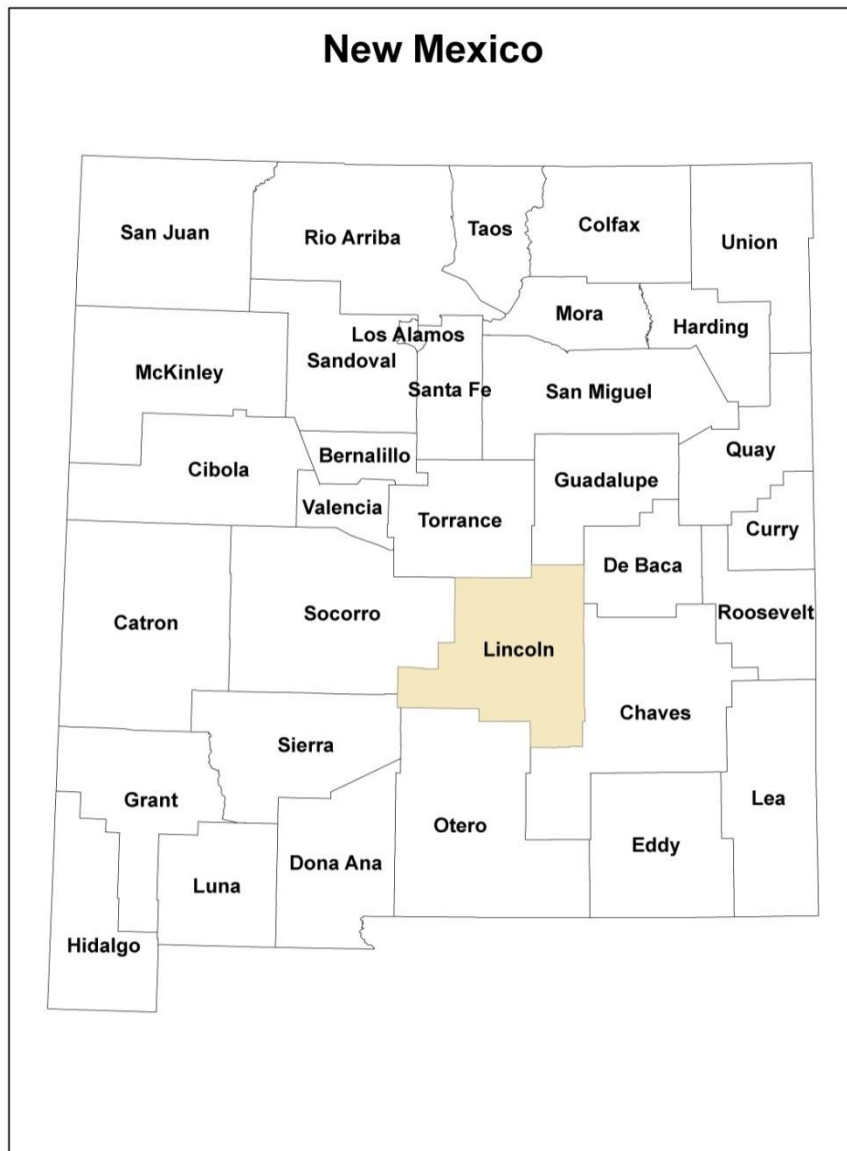




The Economic Base of Lincoln County, NM

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

DATE: July 2017



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

The specific purposes of economic base studies include:

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

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

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs

are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

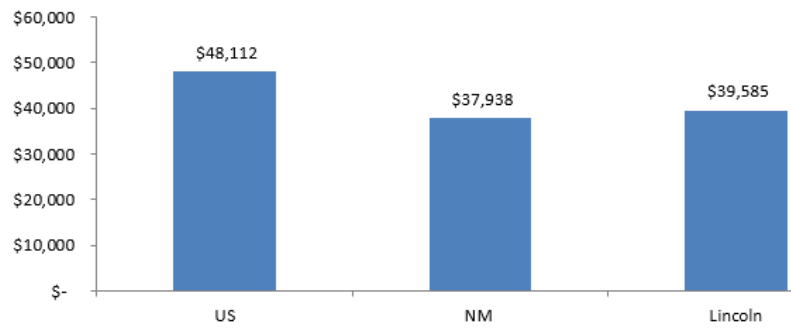
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 and analyzed for the industries within Lincoln County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). For the purposes of this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data are available and the four years preceding (2011-2015). The economic data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Lincoln County, New Mexico

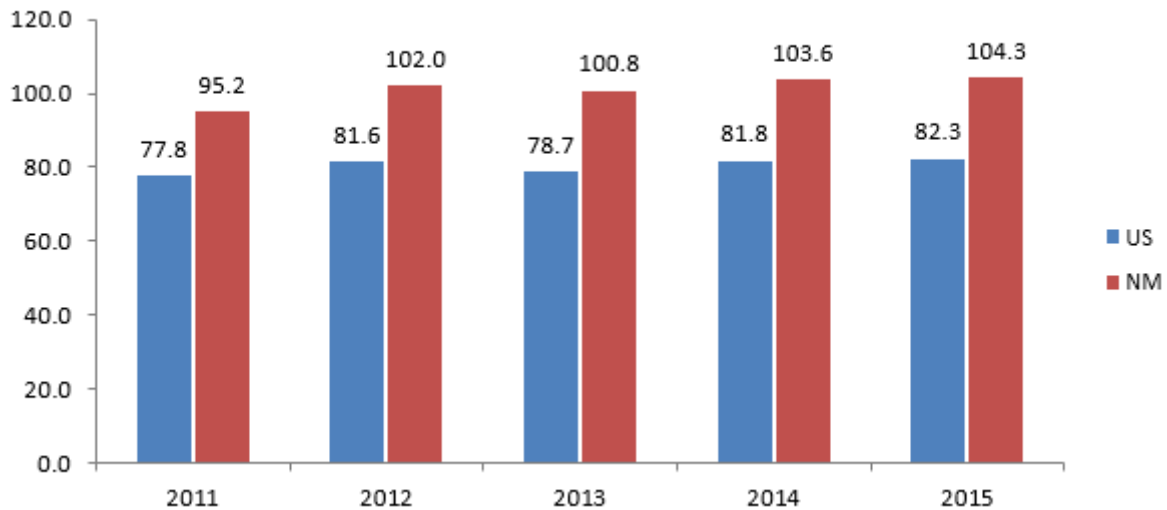
Lincoln County is located in south central New Mexico and contains 4,831.09 square miles, or 3.98 percent of the land area in New Mexico. The population of Lincoln County in 2015 was of 19,420, or 0.93 percent of the state total, ranking 19th in the state in terms of population. The percentage growth of the population in Lincoln County decreased by 4.77 between 2011 and 2015. The Village of Ruidoso, with a population of 7,724 in 2015 represented 39.77 percent of the total population of Lincoln County (U.S Census Bureau, 2017). For comparison purposes, New Mexico's population increased by .33 percent and the United States' population increased by 3.11 percent between 2011 and 2015.

Figure 1. Per Capita Personal Income: Lincoln County (2015)



Per capita personal income for Lincoln County in 2015 was \$39,585, ranking 9th in terms of per capita income. Per capita personal income for Lincoln County was 104.3 percent of the state average (\$37,938) and 82.3 percent of the national average (\$48,112) (See Figure 1 and 2). Between 2011 and 2015, per capita income in Lincoln County grew by 19.78 percent, substantially higher than the state (9.24) and the nation (13.33) for the same period.

Figure 2 : Per Capita Income of Lincoln County as Percent of U.S. and New Mexico 2011-2015



Total employment in Lincoln County in 2015 was 10,688, with an increase of .8 percent, from 2011 to 2015. Lincoln County's increase in employment was lower than the increase in employment experienced by the state (2.88) and the increase of 7.89 percent in the nation's total employment. Additionally, in 2015, the employment to population ratio in Lincoln County was 0.55, compared to the state ratio (0.53) and the nation (0.59).

In 2015, 84.97 percent of all workers in Lincoln County were employed in the Private sector, 11.47 percent were employed in Government and government enterprises, and 3.56 percent were in Farm employment. Within the private sector, the industries with the largest percentage shares of

employment included: Retail Trade (15.19 percent), Accommodations and Food services (14.33), Real estate and rental and leasing (5.86), Arts, entertainment and recreation (7.34) and Health care and Social assistance (7.23). In the public sector, Local government was the largest employer with an 8.07 percent; State government employment accounted for 2.04 percent; Federal / civilian for .90 percent, and Military employment for .47 percent. Employment for Lincoln County by sector is displayed in Table 3.

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

Table 1 contains LQs for Lincoln County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Lincoln County from 2011 to 2015 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. The sectors with an LQ greater than 1.0 have been shaded.

The pronounced importance of tourism is represented with the largest LQ for Lincoln County, being Arts, entertainment, and recreation industry of 3.26 in 2015 and LQs above 3.22 for all years considered. Therefore, Arts, entertainment, and recreation is considered a basic industry for Lincoln County. The high LQ reflects the large tourism base of Ruidoso for ski resorts outside of Ruidoso and its surrounding area. Mining has been considered basic industry in the previous analysis, however the data was undisclosed for this time period. The Agricultural sector is defined, in this analysis, as Forestry, fishing, and related industries and Farm employment as well as considered a basic industry. Farm employment had an LQ of 2.56 and LQs larger than 2.33 in the previous years considered in this analysis. Forestry, fishing, and related industries had an LQ of 3.04 in 2012, but the data was not disclosed years afterwards.

Real estate and rental and leasing had an LQ of 1.28 in 2015 and LQs greater than 1.28 for all years considered. Accommodations and Food services industry had an LQ of 1.94 in 2015, and LQs greater than 1.81 for all years considered. Directly related to the tourism in the county, these two industries are considered basic industries for Lincoln County. Retail trade, with an LQ of 1.51 in 2015, is also considered a basic industry in the county. Other industries with LQs above one include Utilities (2.45) and Construction (1.34), however they are considered non-basic industries for Lincoln County.

Government and government enterprises is the aggregate figure of all government levels listed as government categories. For all years considered, the only government sector with an LQ greater than 1.0 was local government. However, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community,

including employment. Following this practice, local government for Lea County is considered a non-basic industry.

In brief, the data and analysis suggest that in 2015, the following industries should be considered basic industries in Lincoln County:

1. Arts, entertainment, and recreation, accounted for 785 jobs.
2. Farm employment accounted for 380 jobs
3. Real estate and rental services, accounted for 626 jobs.
4. Accommodation and food services, accounted for 1,532 jobs.
5. Retail trade, accounted for 1,623 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 Lincoln County, the multiplier is equal 2.16 (10,688 / 4,946). This ratio suggests that the addition of each basic sector job in Lincoln County would be associated with additional 2.16 non-basic sector jobs. The export base multiplier (2.16) calculated above reinforces the importance of basic (exporting) industries to the economy of Lincoln 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 Lincoln 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 Bureau for population data. Between 2014 and 2015, the population for Lincoln County decreased by 1.58 percent, from 19,663 in 2014 to 19,420 in 2015. Total employment increased by 1.14 percent between 2014 and 2015, or 121 jobs. For this same period, per capita income increased 7.52 percent from \$37,982 in 2014 to \$39,585 in 2015. Mining and Forestry, fishing, and related activities were not considered basic industries in 2015 as the data were undisclosed.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Lincoln County (US Base) 2011-2015					
US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.83	0.83	0.83	0.84	0.83
Proprietors employment	1.58	1.60	1.58	1.57	1.59
Farm proprietors employment	2.63	2.71	2.82	2.89	2.94
Nonfarm proprietors employment	1.52	1.55	1.52	1.51	1.53
By industry					
Farm employment	2.33	2.37	2.51	2.48	2.56
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	1.00	0.99	0.98	0.99	0.99
Forestry, fishing, and related activities	N/A	3.04	N/A	N/A	N/A
Mining	N/A	3.78	N/A	N/A	N/A
Utilities	2.22	2.07	2.35	2.49	2.45
Construction	1.43	1.36	1.31	1.36	1.34
Manufacturing	0.21	0.21	0.21	0.19	0.18
Wholesale trade	0.21	0.22	0.23	0.27	0.26
Retail trade	1.44	1.43	1.47	1.50	1.51
Transportation and warehousing	0.53	0.55	0.48	0.40	0.41
Information	0.64	0.59	0.60	0.57	0.57
Finance and insurance	0.65	0.63	0.65	0.66	0.65
Real estate and rental and leasing	1.46	1.46	1.36	1.30	1.28
Professional, scientific, and technical services	0.72	0.69	0.54	0.53	N/A
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	0.31	0.31	0.33	0.30	0.31
Health care and social assistance	0.65	0.67	0.64	0.63	0.65
Arts, entertainment, and recreation	3.34	3.22	3.32	3.37	3.26
Accommodation and food services	1.81	1.85	1.85	1.90	1.94
Other services, except public administration	1.07	1.03	1.07	1.10	1.11
Government and government enterprises	0.86	0.89	0.94	0.91	0.90
Federal, civilian	0.65	0.65	0.70	0.64	0.61
Military	0.46	0.46	0.47	0.45	0.46
State and local	0.94	0.97	1.02	0.99	0.99
State government	0.67	0.76	0.85	0.78	0.73
Local government	1.04	1.05	1.09	1.08	1.09
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 Lincoln County (NM Base) 2011-2015					
	2011	2012	2013	2014	2015
NM Based					
By type					
Wage and salary employment	0.83	0.82	0.82	0.83	0.82
Proprietors employment	1.64	1.65	1.65	1.65	1.65
Farm proprietors employment	1.44	1.39	1.43	1.45	1.45
Nonfarm proprietors employment	1.66	1.68	1.67	1.67	1.67
By industry					
Farm employment	1.36	1.31	1.34	1.36	1.35
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	1.09	1.09	1.08	1.09	1.08
Forestry, fishing, and related activities	N/A	3.12	N/A	N/A	N/A
Mining	N/A	1.02	N/A	N/A	N/A
Utilities	1.70	1.55	1.72	1.83	1.82
Construction	1.28	1.25	1.21	1.26	1.27
Manufacturing	0.45	0.43	0.45	0.42	0.40
Wholesale trade	0.29	0.31	0.32	0.37	0.36
Retail trade	1.40	1.37	1.41	1.44	1.44
Transportation and warehousing	0.75	0.76	0.67	0.57	0.59
Information	0.75	0.69	0.72	0.70	0.69
Finance and insurance	1.07	1.04	1.08	1.07	1.04
Real estate and rental and leasing	1.76	1.78	1.68	1.62	1.59
Professional, scientific, and technical services	0.67	0.66	0.52	0.52	N/A
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	0.48	0.48	0.51	0.47	0.48
Health care and social assistance	0.62	0.65	0.62	0.61	0.61
Arts, entertainment, and recreation	3.38	3.22	3.34	3.41	3.23
Accommodation and food services	1.64	1.68	1.67	1.70	1.73
Other services, except public administration	1.20	1.16	1.22	1.26	1.27
Government and government enterprises	0.59	0.60	0.63	0.61	0.60
Federal, civilian	0.35	0.35	0.39	0.35	0.34
Military	0.32	0.31	0.31	0.30	0.30
State and local	0.67	0.69	0.71	0.69	0.68
State government	0.37	0.42	0.45	0.41	0.38
Local government	0.84	0.83	0.86	0.85	0.85
Total employment	1.0	1.0	1.0	1.0	1.00

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

Table 3: Lincoln County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	6,889	64.46
Proprietors employment	3,799	35.54
Farm proprietors employment	302	2.83
Nonfarm proprietors employment	3,497	32.72
By industry		
Farm employment	380	3.56
Nonfarm employment	10,308	96.44
Private nonfarm employment	9,082	84.97
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	81	0.76
Construction	749	7.01
Manufacturing	133	1.24
Wholesale trade	100	0.94
Retail trade	1,623	15.19
Transportation and warehousing	152	1.42
Information	108	1.01
Finance and insurance	351	3.28
Real estate and rental and leasing	626	5.86
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	(D)	N/A
Educational services	82	0.77
Health care and social assistance	773	7.23
Arts, entertainment, and recreation	785	7.34
Accommodation and food services	1,532	14.33
Other services, except public administration	687	6.43
Government and government enterprises	1,226	11.47
Federal, civilian	96	0.90
Military	50	0.47
State and local	1,080	10.10
State government	218	2.04
Local government	862	8.07
Total employment	10,688	100.00

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

Table 4: Lincoln County Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	6885	6894	6789	6871	6889
Proprietors employment	3718	3756	3666	3696	3799
Farm proprietors employment	297	297	300	302	302
Nonfarm proprietors employment 2/	3421	3459	3366	3394	3497
By industry					
Farm employment	370	370	380	373	380
Nonfarm employment	10233	10280	10075	10194	10308
Private nonfarm employment	8972	9004	8784	8953	9082
Forestry, fishing, and related activities	(D)	160	(D)	(D)	(D)
Mining	(D)	349	(D)	(D)	(D)
Utilities	77	71	78	82	81
Construction	757	723	694	737	749
Manufacturing	159	154	154	139	133
Wholesale trade	76	81	82	100	100
Retail trade	1553	1534	1551	1601	1623
Transportation and warehousing	182	193	167	143	152
Information	124	113	113	107	108
Finance and insurance	380	364	368	360	351
Real estate and rental and leasing	698	681	627	620	626
Professional, scientific, and technical services	521	499	387	390	(D)
Management of companies and enterprises	(D)	(D)	(D)	(D)	(D)
Administrative and waste management services	(D)	(D)	(D)	(D)	(D)
Educational services	77	78	82	77	82
Health care and social assistance	756	796	751	748	773
Arts, entertainment, and recreation	778	762	771	800	785
Accommodation and food services	1346	1395	1389	1465	1532
Other services, except public administration	657	635	644	681	687
Government and government enterprises	1261	1276	1291	1241	1226
Federal, civilian	114	111	114	102	96
Military	57	56	55	51	50
State and local	1090	1109	1122	1088	1080
State government	212	239	255	233	218
Local government	878	870	867	855	862
Total employment	10,603	10,650	10,455	10,567	10,688

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

Table 5: New Mexico Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	837,281	839,789	846,896	852,861	859,738
Proprietors employment	228,010	227,968	228,971	229,416	236,211
Farm proprietors employment	20,715	21,436	21,547	21,322	21,311
Nonfarm proprietors employment 2/	207,295	206,532	207,424	208,094	214,900
By industry					
Farm employment	27,323	28,370	29,218	28,111	28,772
Nonfarm employment	1,037,968	1,039,387	1,046,649	1,054,166	1,067,177
Private nonfarm employment	824,157	827,488	835,812	844,809	858,620
Forestry, fishing, and related activities	5,237	5,138	5,247	5,682	5,884
Mining	28,362	34,232	36,831	38,198	35,898
Utilities	4,554	4,583	4,667	4,591	4,573
Construction	59,382	58,032	59,248	59,713	60,555
Manufacturing	35,750	35,771	35,469	34,032	34,076
Wholesale trade	26,513	26,486	26,694	27,496	28,567
Retail trade	111,583	111,908	112,808	114,086	115,724
Transportation and warehousing	24,333	25,361	25,505	25,846	26,447
Information	16,508	16,473	16,059	15,723	16,006
Finance and insurance	35,632	35,138	34,903	34,602	34,612
Real estate and rental and leasing	39,760	38,275	38,513	39,253	40,479
Professional, scientific, and technical services	77,591	76,152	75,940	76,094	77,546
Management of companies and enterprises	5,491	5,449	5,503	5,632	5,814
Administrative and waste management services	54,746	53,440	54,622	54,418	54,184
Educational services	16,280	16,152	16,404	16,716	17,553
Health care and social assistance	121,675	123,264	123,782	124,943	129,672
Arts, entertainment, and recreation	23,142	23,722	23,743	24,052	24,885
Accommodation and food services	82,391	83,232	85,532	88,375	90,601
Other services, except public administration	55,227	54,680	54,342	55,357	55,544
Government and government enterprises	213,811	211,899	210,837	209,357	208,557
Federal, civilian	32,611	31,631	30,389	29,462	29,200
Military	18,057	18,178	18,350	17,518	16,917
State and local	163,143	162,090	162,098	162,377	162,440
State government	58,306	57,523	57,763	58,753	58,916
Local government	104,837	104,567	104,335	103,624	103,524
Total employment	1,065,291	1,067,757	1,075,867	1,082,277	1,095,949

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

Table 6: United States Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	137,105,000	139,721,000	142,015,000	144,811,000	147,634,000
Proprietors employment	39,173,700	39,360,700	40,393,100	41,357,100	42,561,400
Farm proprietors employment	1,876,000	1,844,000	1,856,000	1,842,000	1,825,000
Nonfarm proprietors employment 2/	37,297,700	37,516,700	38,537,100	39,515,100	40,736,400
By industry					
Farm employment	2,639,000	2,623,000	2,646,000	2,645,000	2,642,000
Nonfarm employment	173,639,700	176,458,700	179,762,100	183,523,100	187,553,400
Private nonfarm employment	149,350,700	152,356,700	155,708,100	159,476,100	163,411,400
Forestry, fishing, and related activities	860,600	886,400	911,100	943,000	962,000
Mining	1,244,000	1,551,200	1,606,000	1,593,500	1,504,600
Utilities	575,500	577,600	578,300	580,600	588,500
Construction	8,774,800	8,944,800	9,251,800	9,582,300	9,948,900
Manufacturing	12,385,700	12,605,200	12,760,200	12,905,600	13,091,200
Wholesale trade	6,160,300	6,243,500	6,345,100	6,574,900	6,785,600
Retail trade	17,954,300	18,085,800	18,383,100	18,744,100	19,149,000
Transportation and warehousing	5,684,800	5,872,400	6,020,800	6,273,400	6,605,300
Information	3,230,000	3,224,700	3,264,600	3,327,000	3,376,600
Finance and insurance	9,751,500	9,702,300	9,816,300	9,617,000	9,645,700
Real estate and rental and leasing	7,936,300	7,859,200	8,060,800	8,421,800	8,727,200
Professional, scientific, and technical services	11,970,100	12,211,200	12,549,300	12,867,700	13,242,900
Management of companies and enterprises	2,080,600	2,180,200	2,265,000	2,366,300	2,431,800
Administrative and waste management services	10,753,600	11,035,400	11,371,900	11,730,200	12,022,900
Educational services	4,122,600	4,198,200	4,329,100	4,488,100	4,662,000
Health care and social assistance	19,417,200	20,112,500	20,514,200	20,830,400	21,309,800
Arts, entertainment, and recreation	3,873,300	3,980,900	4,045,800	4,182,300	4,289,000
Accommodation and food services	12,343,400	12,670,500	13,105,200	13,560,900	14,032,200
Other services, except public administration	10,232,100	10,414,700	10,529,500	10,887,000	11,036,200
Government and government enterprises	24,289,000	24,102,000	24,054,000	24,047,000	24,142,000
Federal, civilian	2,918,000	2,875,000	2,825,000	2,793,000	2,811,000
Military	2,081,000	2,056,000	2,032,000	1,975,000	1,955,000
State and local	19,290,000	19,171,000	19,197,000	19,279,000	19,376,000
State government	5,266,000	5,254,000	5,262,000	5,278,000	5,297,000
Local government	14,024,000	13,917,000	13,935,000	14,001,000	14,079,000
Total employment	176,278,700	179,081,700	182,408,100	186,168,100	190,195,400

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

Table 7: Lincoln County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Lincoln County
By type			
Wage and salary employment	77.62	78.45	64.46
Proprietors employment	22.38	21.55	35.54
Farm proprietors employment	0.96	1.94	2.83
Nonfarm proprietors employment	21.42	19.61	32.72
By industry			
Farm employment	1.39	2.63	3.56
Nonfarm employment	98.61	97.37	96.44
Private nonfarm employment	85.92	78.34	84.97
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	0.76
Construction	5.23	5.53	7.01
Manufacturing	6.88	3.11	1.24
Wholesale trade	3.57	2.61	0.94
Retail trade	10.07	10.56	15.19
Transportation and warehousing	3.47	2.41	1.42
Information	1.78	1.46	1.01
Finance and insurance	5.07	3.16	3.28
Real estate and rental and leasing	4.59	3.69	5.86
Professional, scientific, and technical services	6.96	7.08	N/A
Management of companies and enterprises	1.28	0.53	N/A
Administrative and waste management services	6.32	4.94	N/A
Educational services	2.45	1.60	0.77
Health care and social assistance	11.20	11.83	7.23
Arts, entertainment, and recreation	2.26	2.27	7.34
Accommodation and food services	7.38	8.27	14.33
Other services, except public administration	5.80	5.07	6.43
Government and government enterprises	12.69	19.03	11.47
Federal, civilian	1.48	2.66	0.90
Military	1.03	1.54	0.47
State and local	10.19	14.82	10.10
State government	2.79	5.38	2.04
Local government	7.40	9.45	8.07
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: Lincoln County Percent of Employment by Sectors 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	64.93	64.73	64.94	65.02	64.46
Proprietors employment	35.07	35.27	35.06	34.98	35.54
Farm proprietors employment	2.80	2.79	2.87	2.86	2.83
Nonfarm proprietors employment	32.26	32.48	32.20	32.12	32.72
By industry					
Farm employment	3.49	3.47	3.63	3.53	3.56
Nonfarm employment	96.51	96.53	96.37	96.47	96.44
Private nonfarm employment	84.62	84.54	84.02	84.73	84.97
Forestry, fishing, and related activities	N/A	1.50	N/A	N/A	N/A
Mining	N/A	3.28	N/A	N/A	N/A
Utilities	0.73	0.67	0.75	0.78	0.76
Construction	7.14	6.79	6.64	6.97	7.01
Manufacturing	1.50	1.45	1.47	1.32	1.24
Wholesale trade	0.72	0.76	0.78	0.95	0.94
Retail trade	14.65	14.40	14.84	15.15	15.19
Transportation and warehousing	1.72	1.81	1.60	1.35	1.42
Information	1.17	1.06	1.08	1.01	1.01
Finance and insurance	3.58	3.42	3.52	3.41	3.28
Real estate and rental and leasing	6.58	6.39	6.00	5.87	5.86
Professional, scientific, and technical services	4.91	4.69	3.70	3.69	N/A
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	0.73	0.73	0.78	0.73	0.77
Health care and social assistance	7.13	7.47	7.18	7.08	7.23
Arts, entertainment, and recreation	7.34	7.15	7.37	7.57	7.34
Accommodation and food services	12.69	13.10	13.29	13.86	14.33
Other services, except public administration	6.20	5.96	6.16	6.44	6.43
Government and government enterprises	11.89	11.98	12.35	11.74	11.47
Federal, civilian	1.08	1.04	1.09	0.97	0.90
Military	0.54	0.53	0.53	0.48	0.47
State and local	10.28	10.41	10.73	10.30	10.10
State government	2.00	2.24	2.44	2.20	2.04
Local government	8.28	8.17	8.29	8.09	8.07
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 2011 - 2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	78.60	78.65	78.72	78.80	78.45
Proprietors employment	21.40	21.35	21.28	21.20	21.55
Farm proprietors employment	1.94	2.01	2.00	1.97	1.94
Nonfarm proprietors employment	19.46	19.34	19.28	19.23	19.61
By industry					
Farm employment	2.56	2.66	2.72	2.60	2.63
Nonfarm employment	97.44	97.34	97.28	97.40	97.37
Private nonfarm employment	77.36	77.50	77.69	78.06	78.34
Forestry, fishing, and related activities	0.49	0.48	0.49	0.53	0.54
Mining	2.66	3.21	3.42	3.53	3.28
Utilities	0.43	0.43	0.43	0.42	0.42
Construction	5.57	5.43	5.51	5.52	5.53
Manufacturing	3.36	3.35	3.30	3.14	3.11
Wholesale trade	2.49	2.48	2.48	2.54	2.61
Retail trade	10.47	10.48	10.49	10.54	10.56
Transportation and warehousing	2.28	2.38	2.37	2.39	2.41
Information	1.55	1.54	1.49	1.45	1.46
Finance and insurance	3.34	3.29	3.24	3.20	3.16
Real estate and rental and leasing	3.73	3.58	3.58	3.63	3.69
Professional, scientific, and technical services	7.28	7.13	7.06	7.03	7.08
Management of companies and enterprises	0.52	0.51	0.51	0.52	0.53
Administrative and waste management services	5.14	5.00	5.08	5.03	4.94
Educational services	1.53	1.51	1.52	1.54	1.60
Health care and social assistance	11.42	11.54	11.51	11.54	11.83
Arts, entertainment, and recreation	2.17	2.22	2.21	2.22	2.27
Accommodation and food services	7.73	7.80	7.95	8.17	8.27
Other services, except public administration	5.18	5.12	5.05	5.11	5.07
Government and government enterprises	20.07	19.85	19.60	19.34	19.03
Federal, civilian	3.06	2.96	2.82	2.72	2.66
Military	1.70	1.70	1.71	1.62	1.54
State and local	15.31	15.18	15.07	15.00	14.82
State government	5.47	5.39	5.37	5.43	5.38
Local government	9.84	9.79	9.70	9.57	9.45
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

Table 10: United States Percent of Employment by Industry 2011 - 2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	77.78	78.02	77.86	77.79	77.62
Proprietors employment	22.22	21.98	22.14	22.21	22.38
Farm proprietors employment	1.06	1.03	1.02	0.99	0.96
Nonfarm proprietors employment	21.16	20.95	21.13	21.23	21.42
By industry					
Farm employment	1.50	1.46	1.45	1.42	1.39
Nonfarm employment	98.50	98.54	98.55	98.58	98.61
Private nonfarm employment	84.72	85.08	85.36	85.66	85.92
Forestry, fishing, and related activities	0.49	0.49	0.50	0.51	0.51
Mining	0.71	0.87	0.88	0.86	0.79
Utilities	0.33	0.32	0.32	0.31	0.31
Construction	4.98	4.99	5.07	5.15	5.23
Manufacturing	7.03	7.04	7.00	6.93	6.88
Wholesale trade	3.49	3.49	3.48	3.53	3.57
Retail trade	10.19	10.10	10.08	10.07	10.07
Transportation and warehousing	3.22	3.28	3.30	3.37	3.47
Information	1.83	1.80	1.79	1.79	1.78
Finance and insurance	5.53	5.42	5.38	5.17	5.07
Real estate and rental and leasing	4.50	4.39	4.42	4.52	4.59
Professional, scientific, and technical services	6.79	6.82	6.88	6.91	6.96
Management of companies and enterprises	1.18	1.22	1.24	1.27	1.28
Administrative and waste management services	6.10	6.16	6.23	6.30	6.32
Educational services	2.34	2.34	2.37	2.41	2.45
Health care and social assistance	11.02	11.23	11.25	11.19	11.20
Arts, entertainment, and recreation	2.20	2.22	2.22	2.25	2.26
Accommodation and food services	7.00	7.08	7.18	7.28	7.38
Other services, except public administration	5.80	5.82	5.77	5.85	5.80
Government and government enterprises	13.78	13.46	13.19	12.92	12.69
Federal, civilian	1.66	1.61	1.55	1.50	1.48
Military	1.18	1.15	1.11	1.06	1.03
State and local	10.94	10.71	10.52	10.36	10.19
State government	2.99	2.93	2.88	2.84	2.79
Local government	7.96	7.77	7.64	7.52	7.40
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