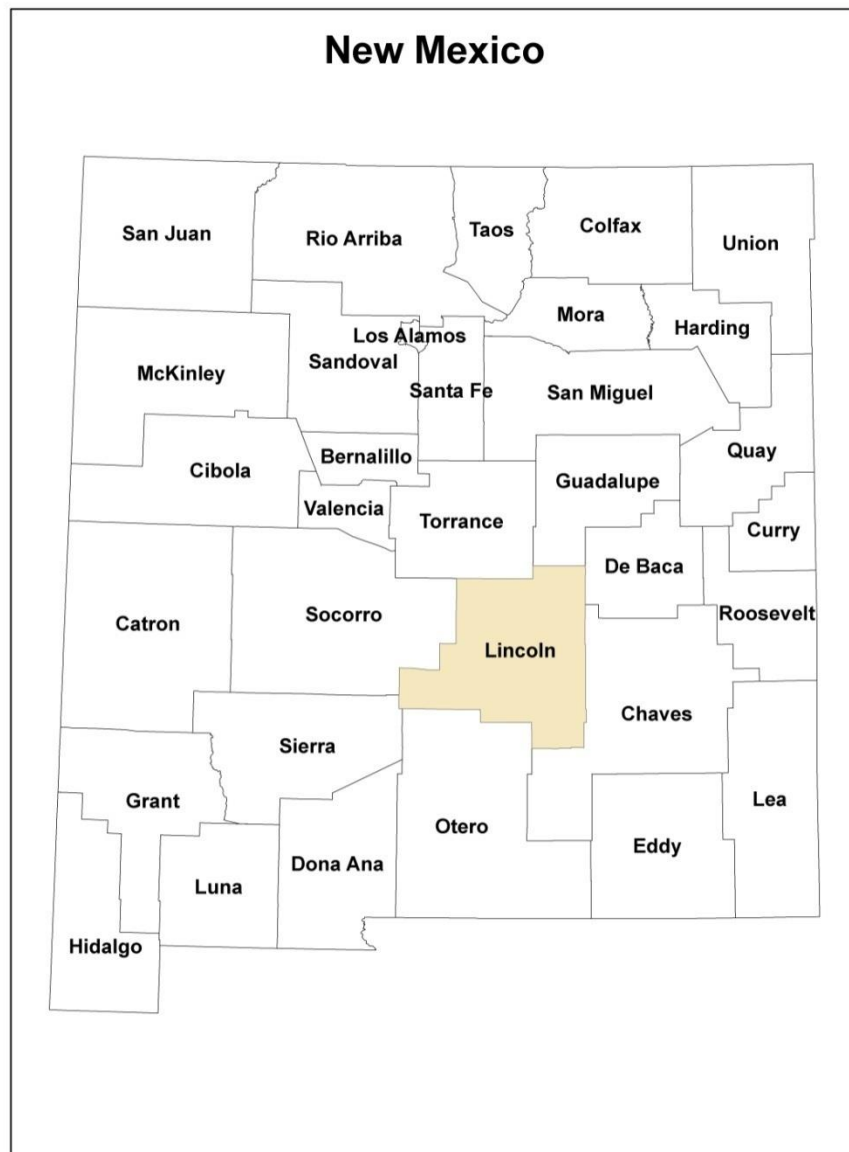


The Economic Base of Lincoln County, NM

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

DATE: July 2020



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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. 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 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:

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

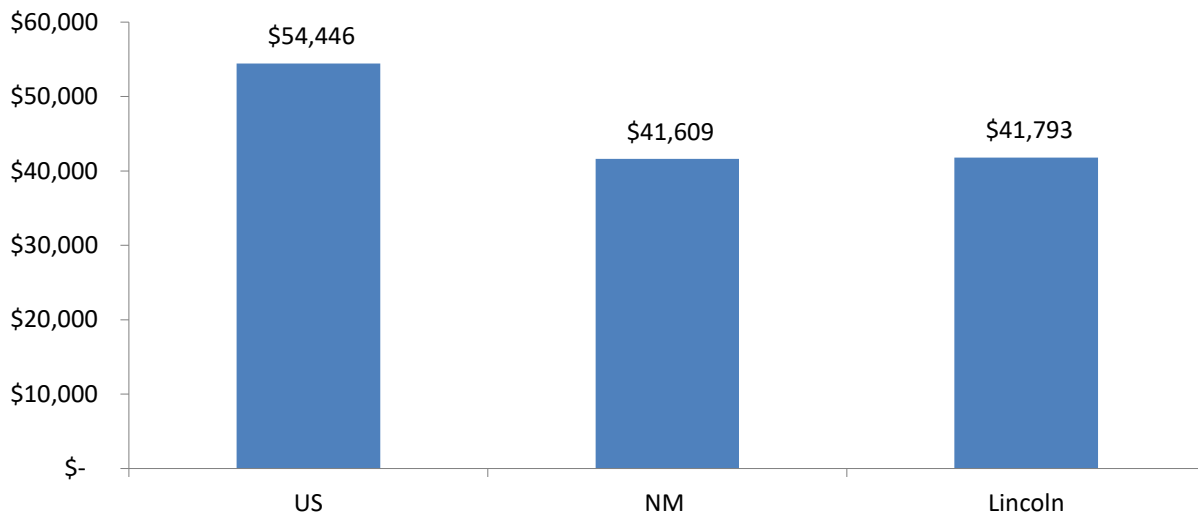
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 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 (2014-2018). 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 2018 was of 19,556, or 0.93 percent of the state total, ranking 19th in the state in terms of population. The Village of Ruidoso, with a population of 7,757 in 2018 represented 39.67 percent of the total population of Lincoln County (U.S Census Bureau, 2018). The percentage growth of the population in Lincoln County decreased by 0.25 percent between 2014 and 2018. For comparison purposes, New Mexico's population increased by 0.24 percent and the United States' population increased by 2.76 percent between 2014 and 2018.

Figure 1. Per Capita Personal Income: Lincoln (2018)



Per capita personal income for Lincoln County in 2018 was \$41,793. Per capita personal income for Lincoln County was 100.44 percent of the state average (\$41,609) and 76.76 percent of the national average (\$54,446) (See Figure 1 and 2). Between 2014 and 2018, per capita income in Lincoln County grew by 7.66 percent, lower than the state (11.91) and the nation (15.70) for the same period.

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



Total employment in Lincoln County in 2018 was 10,687, with an increase of 1.16 percent from 2014 to 2018. Lincoln County’s increase in employment was lower than the increase in employment experienced by the state (2.93) and the increase of 7.79 percent in the nation’s total employment. Additionally, in 2018 the employment to population ratio in Lincoln County was 0.55, compared to the state ratio (0.53) and the nation (0.61).

In 2018, 84.82 percent of all workers in Lincoln County were employed in the Private sector, 11.62 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 (14.48 percent), Accommodation and Food Services (14.17 percent), Arts, Entertainment and Recreation (7.41 percent), Healthcare and Social Assistance (6.91 percent), and Real Estate and Rental and Leasing (6.17 percent). In the public sector, Local government was the largest employer with 8.22 percent of total employment. State government employment accounted for 2.06 percent. Federal/civilian accounted for 0.89 percent, and Military employment for 0.46 percent. Employment for Lincoln County by sector is displayed in Table 1.

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

Table 2 contains LQs for Lincoln County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Lincoln 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. 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 in the Arts, Entertainment, and Recreation industry with an LQ of 3.18 in 2018 and LQs above 3.18 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. The Agricultural sector is defined in this analysis as Farm employment and is considered a basic industry. Farm employment had an LQ of 2.74 and had LQs larger than 2.47 in the previous years considered in this analysis.

Real Estate and Rental and Leasing had an LQ of 1.30 in 2018 and LQs greater than 1.22 for all years considered. Accommodations and Food Services had an LQ of 1.89 in 2018, and LQs greater than 1.87 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 2018, is also considered a basic industry in the county. Other industries with LQs above one include Utilities (2.64), Other Services Except Public Administration (1.13), and Construction (1.25), 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 (1.15). 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 2018, the following industries should be considered basic industries in Lincoln County:

1. Arts, Entertainment, and Recreation, accounted for 792 jobs.
2. Farm employment, accounted for 380 jobs.
3. Real Estate and Rental Services, accounted for 659 jobs.
4. Accommodation and Food Services, accounted for 1,514 jobs.
5. Retail Trade, accounted for 1,548 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 Lincoln County by total employment in the basic sectors. In the case of Lincoln County, the multiplier is equal 2.18 (10,687/4,893). This ratio suggests that the addition of each basic sector job in Lincoln 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 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 2017 and 2018, the population for Lincoln County increased by 0.37 percent, from 19,483 in 2017 to 19,556 in 2018. Total employment increased by 0.90 percent between 2017 and 2018, or 95 jobs. For this

same period, per capita income increased by 5.38 percent from \$39,661 in 2017 to \$41,793 in 2018.

Tables 1 to 10 appear on pages 8-17

Table 1: Lincoln Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	6858	6879	6837	6871	6884
Proprietors employment	3706	3687	3689	3721	3803
Farm proprietors employment	300	305	304	307	302
Nonfarm proprietors employment 2/	3406	3382	3385	3414	3501
By industry					
Farm employment	371	383	391	386	380
Nonfarm employment	10193	10183	10135	10206	10307
Private nonfarm employment	8949	8959	8918	8986	9065
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	83	83	92	79	83
Construction	734	721	714	696	728
Manufacturing	139	132	138	163	198
Wholesale trade	113	105	75	78	76
Retail trade	1599	1594	1544	1575	1548
Transportation and warehousing	127	129	115	121	124
Information	107	109	118	115	106
Finance and insurance	360	359	368	361	369
Real estate and rental and leasing	616	618	590	639	659
Professional, scientific, and technical services	390	N/A	N/A	N/A	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	366	426	449
Educational services	77	88	111	91	90
Health care and social assistance	746	769	796	796	739
Arts, entertainment, and recreation	811	777	767	797	792
Accommodation and food services	1464	1539	1527	1492	1514
Other services, except public administration	680	681	684	671	679
Government and government enterprises	1244	1224	1217	1220	1242
Federal, civilian	102	96	94	95	95
Military	53	49	50	50	49
State and local	1089	1079	1073	1075	1098
State government	233	217	199	204	220
Local government	856	862	874	871	878
Total employment	10,564	10,566	10,526	10,592	10,687

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

Table 2: Location Quotients for Lincoln (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.84	0.84	0.84	0.84	0.84
Proprietors employment	1.57	1.56	1.56	1.54	1.54
Farm proprietors employment	2.87	3.00	3.07	3.17	3.17
Nonfarm proprietors employment	1.51	1.49	1.49	1.47	1.48
By industry					
Farm employment	2.47	2.61	2.72	2.74	2.74
Nonfarm employment	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.99	0.99	0.98	0.98	0.98
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	2.52	2.50	2.72	2.48	2.64
Construction	1.35	1.32	1.27	1.23	1.25
Manufacturing	0.19	0.18	0.19	0.23	0.28
Wholesale trade	0.30	0.28	0.21	0.22	0.22
Retail trade	1.51	1.50	1.48	1.51	1.51
Transportation and warehousing	0.36	0.34	0.28	0.26	0.25
Information	0.57	0.59	0.64	0.63	0.58
Finance and insurance	0.66	0.66	0.66	0.65	0.67
Real estate and rental and leasing	1.29	1.28	1.22	1.29	1.30
Professional, scientific, and technical services	0.53	N/A	N/A	N/A	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	0.56	0.65	0.68
Educational services	0.30	0.34	0.44	0.36	0.35
Health care and social assistance	0.63	0.65	0.67	0.67	0.61
Arts, entertainment, and recreation	3.39	3.32	3.23	3.28	3.18
Accommodation and food services	1.90	1.98	1.95	1.87	1.89
Other services, except public administration	1.10	1.10	1.13	1.13	1.13
Government and government enterprises	0.91	0.91	0.92	0.93	0.95
Federal, civilian	0.64	0.62	0.61	0.62	0.63
Military	0.47	0.45	0.48	0.48	0.48
State and local	1.00	1.00	1.01	1.02	1.04
State government	0.77	0.73	0.68	0.70	0.77
Local government	1.08	1.11	1.13	1.14	1.15
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 3: Location Quotients for Lincoln (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.83	0.83	0.82	0.83	0.82
Proprietors employment	1.64	1.64	1.65	1.64	1.65
Farm proprietors employment	1.43	1.46	1.47	1.48	1.48
Nonfarm proprietors employment	1.67	1.66	1.67	1.66	1.67
By industry					
Farm employment	1.34	1.36	1.36	1.38	1.38
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	1.09	1.08	1.08	1.08	1.07
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	1.85	1.83	1.95	1.77	1.89
Construction	1.26	1.25	1.24	1.16	1.18
Manufacturing	0.42	0.40	0.43	0.52	0.62
Wholesale trade	0.40	0.38	0.31	0.32	0.32
Retail trade	1.44	1.43	1.41	1.46	1.45
Transportation and warehousing	0.50	0.49	0.45	0.42	0.39
Information	0.70	0.72	0.77	0.77	0.72
Finance and insurance	1.06	1.08	1.07	1.05	1.07
Real estate and rental and leasing	1.62	1.61	1.54	1.64	1.64
Professional, scientific, and technical services	0.53	N/A	N/A	N/A	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	0.70	0.78	0.81
Educational services	0.47	0.54	0.68	0.55	0.55
Health care and social assistance	0.61	0.61	0.62	0.61	0.57
Arts, entertainment, and recreation	3.43	3.31	3.30	3.28	3.18
Accommodation and food services	1.70	1.76	1.71	1.65	1.66
Other services, except public administration	1.26	1.26	1.28	1.26	1.26
Government and government enterprises	0.61	0.61	0.61	0.61	0.63
Federal, civilian	0.36	0.34	0.33	0.34	0.34
Military	0.31	0.30	0.30	0.30	0.29
State and local	0.69	0.69	0.69	0.70	0.72
State government	0.41	0.38	0.35	0.37	0.40
Local government	0.85	0.86	0.88	0.88	0.90
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 4: Lincoln, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	6,884	64.41
Proprietors employment	3,803	35.59
Farm proprietors employment	302	2.83
Nonfarm proprietors employment	3,501	32.76
By industry		
Farm employment	380	3.56
Nonfarm employment	10,307	96.44
Private nonfarm employment	9,065	84.82
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	83	0.78
Construction	728	6.81
Manufacturing	198	1.85
Wholesale trade	76	0.71
Retail trade	1,548	14.48
Transportation and warehousing	124	1.16
Information	106	0.99
Finance and insurance	369	3.45
Real estate and rental and leasing	659	6.17
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	449	4.20
Educational services	90	0.84
Health care and social assistance	739	6.91
Arts, entertainment, and recreation	792	7.41
Accommodation and food services	1,514	14.17
Other services, except public administration	679	6.35
Government and government enterprises	1,242	11.62
Federal, civilian	95	0.89
Military	49	0.46
State and local	1,098	10.27
State government	220	2.06
Local government	878	8.22
Total employment	10,687	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 5: New Mexico Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	852,638	859,962	861,216	862,809	875,574
Proprietors employment	231,134	232,022	231,421	234,860	240,000
Farm proprietors employment	21,557	21,579	21,534	21,511	21,243
Nonfarm proprietors employment 2/	209,577	210,443	209,887	213,349	218,757
By industry					
Farm employment	28,346	29,040	29,884	29,031	28,687
Nonfarm employment	1,055,426	1,062,944	1,062,753	1,068,638	1,086,887
Private nonfarm employment	845,767	854,456	854,248	862,552	881,228
Forestry, fishing, and related activities	5,674	5,541	5,820	5,989	6,157
Mining	38,214	36,656	31,809	31,204	34,490
Utilities	4,591	4,684	4,900	4,623	4,576
Construction	59,584	59,707	60,008	62,061	64,328
Manufacturing	34,027	34,157	33,187	32,562	33,596
Wholesale trade	28,854	28,501	25,380	24,989	24,563
Retail trade	113,924	114,887	113,636	111,466	111,663
Transportation and warehousing	25,905	27,245	26,673	30,016	32,916
Information	15,725	15,587	16,001	15,491	15,297
Finance and insurance	34,781	34,461	35,685	35,674	36,018
Real estate and rental and leasing	39,111	39,659	39,865	40,497	41,842
Professional, scientific, and technical services	76,116	77,543	77,750	79,918	81,618
Management of companies and enterprises	5,632	5,875	6,336	6,143	6,488
Administrative and waste management services	54,370	52,996	53,892	56,396	57,515
Educational services	16,709	16,959	17,013	17,048	17,004
Health care and social assistance	124,796	129,722	134,264	134,791	135,667
Arts, entertainment, and recreation	24,227	24,245	24,150	25,154	26,008
Accommodation and food services	88,297	90,194	92,523	93,512	95,173
Other services, except public administration	55,230	55,837	55,356	55,018	56,309
Government and government enterprises	209,659	208,488	208,505	206,086	205,659
Federal, civilian	29,451	29,188	29,385	29,281	28,881
Military	17,809	16,837	17,132	17,346	17,588
State and local	162,399	162,463	161,988	159,459	159,190
State government	58,771	58,969	58,707	57,448	57,079
Local government	103,628	103,494	103,281	102,011	102,111
Total employment	1,083,772	1,091,984	1,092,637	1,097,669	1,115,574

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

Table 6: United States Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	144,722,000	147,636,000	149,912,000	151,860,000	154,375,000
Proprietors employment	41,511,800	42,679,800	43,459,900	44,965,300	46,371,000
Farm proprietors employment	1,840,000	1,829,000	1,818,000	1,802,000	1,790,000
Nonfarm proprietors employment	39,671,800	40,850,800	41,641,900	43,163,300	44,581,000
By industry					
Farm employment	2,643,000	2,646,000	2,638,000	2,621,000	2,604,000
Nonfarm employment	183,590,800	187,669,800	190,733,900	194,204,300	198,142,000
Private nonfarm employment	159,535,800	163,523,800	166,428,900	169,778,300	173,599,000
Forestry, fishing, and related activities	941,000	915,900	935,200	938,300	969,400
Mining	1,597,500	1,553,300	1,452,200	1,320,900	1,353,700
Utilities	580,600	597,400	622,000	590,800	589,700
Construction	9,564,300	9,844,900	10,322,100	10,557,000	10,973,300
Manufacturing	12,907,600	13,076,600	13,131,900	13,235,200	13,501,300
Wholesale trade	6,719,600	6,817,100	6,463,400	6,492,900	6,422,200
Retail trade	18,713,100	19,092,300	19,195,500	19,345,100	19,307,500
Transportation and warehousing	6,282,400	6,932,700	7,418,200	8,520,900	9,364,300
Information	3,327,000	3,316,400	3,384,900	3,404,500	3,460,100
Finance and insurance	9,621,000	9,845,600	10,188,400	10,250,300	10,394,600
Real estate and rental and leasing	8,405,800	8,668,300	8,868,200	9,203,700	9,504,800
Professional, scientific, and technical services	12,864,700	13,333,200	13,496,900	13,848,200	14,203,900
Management of companies and enterprises	2,361,300	2,425,500	2,603,800	2,568,700	2,669,500
Administrative and waste management services	11,719,200	11,770,600	12,034,600	12,212,600	12,472,900
Educational services	4,498,100	4,610,900	4,641,800	4,702,400	4,771,700
Health care and social assistance	20,798,400	21,351,100	21,816,100	22,214,300	22,619,800
Arts, entertainment, and recreation	4,223,300	4,220,100	4,363,100	4,518,600	4,684,900
Accommodation and food services	13,548,900	13,977,700	14,399,000	14,788,400	15,077,500
Other services, except public administration	10,862,000	11,174,200	11,091,600	11,065,500	11,257,900
Government and government enterprises	24,055,000	24,146,000	24,305,000	24,426,000	24,543,000
Federal, civilian	2,792,000	2,810,000	2,847,000	2,857,000	2,849,000
Military	1,975,000	1,957,000	1,928,000	1,929,000	1,922,000
State and local	19,288,000	19,379,000	19,530,000	19,640,000	19,772,000
State government	5,330,000	5,349,000	5,356,000	5,383,000	5,395,000
Local government	13,958,000	14,030,000	14,174,000	14,257,000	14,377,000
Total employment	186,233,800	190,315,800	193,371,900	196,825,300	200,746,000

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

Table 7: Lincoln, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Lincoln
By type			
Wage and salary employment	76.90	78.49	64.41
Proprietors employment	23.10	21.51	35.59
Farm proprietors employment	0.89	1.90	2.83
Nonfarm proprietors employment	22.21	19.61	32.76
By industry			
Farm employment	1.30	2.57	3.56
Nonfarm employment	98.70	97.43	96.44
Private nonfarm employment	86.48	78.99	84.82
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	0.78
Construction	5.47	5.77	6.81
Manufacturing	6.73	3.01	1.85
Wholesale trade	3.20	2.20	0.71
Retail trade	9.62	10.01	14.48
Transportation and warehousing	4.66	2.95	1.16
Information	1.72	1.37	0.99
Finance and insurance	5.18	3.23	3.45
Real estate and rental and leasing	4.73	3.75	6.17
Professional, scientific, and technical services	7.08	7.32	N/A
Management of companies and enterprises	1.33	0.58	N/A
Administrative and waste management services	6.21	5.16	4.20
Educational services	2.38	1.52	0.84
Health care and social assistance	11.27	12.16	6.91
Arts, entertainment, and recreation	2.33	2.33	7.41
Accommodation and food services	7.51	8.53	14.17
Other services, except public administration	5.61	5.05	6.35
Government and government enterprises	12.23	18.44	11.62
Federal, civilian	1.42	2.59	0.89
Military	0.96	1.58	0.46
State and local	9.85	14.27	10.27
State government	2.69	5.12	2.06
Local government	7.16	9.15	8.22
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 8: Lincoln Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	64.92	65.11	64.95	64.87	64.41
Proprietors employment	35.08	34.89	35.05	35.13	35.59
Farm proprietors employment	2.84	2.89	2.89	2.90	2.83
Nonfarm proprietors employment	32.24	32.01	32.16	32.23	32.76
By industry					
Farm employment	3.51	3.62	3.71	3.64	3.56
Nonfarm employment	96.49	96.38	96.29	96.36	96.44
Private nonfarm employment	84.71	84.79	84.72	84.84	84.82
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	0.79	0.79	0.87	0.75	0.78
Construction	6.95	6.82	6.78	6.57	6.81
Manufacturing	1.32	1.25	1.31	1.54	1.85
Wholesale trade	1.07	0.99	0.71	0.74	0.71
Retail trade	15.14	15.09	14.67	14.87	14.48
Transportation and warehousing	1.20	1.22	1.09	1.14	1.16
Information	1.01	1.03	1.12	1.09	0.99
Finance and insurance	3.41	3.40	3.50	3.41	3.45
Real estate and rental and leasing	5.83	5.85	5.61	6.03	6.17
Professional, scientific, and technical services	3.69	N/A	N/A	N/A	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	3.48	4.02	4.20
Educational services	0.73	0.83	1.05	0.86	0.84
Health care and social assistance	7.06	7.28	7.56	7.52	6.91
Arts, entertainment, and recreation	7.68	7.35	7.29	7.52	7.41
Accommodation and food services	13.86	14.57	14.51	14.09	14.17
Other services, except public administration	6.44	6.45	6.50	6.33	6.35
Government and government enterprises	11.78	11.58	11.56	11.52	11.62
Federal, civilian	0.97	0.91	0.89	0.90	0.89
Military	0.50	0.46	0.48	0.47	0.46
State and local	10.31	10.21	10.19	10.15	10.27
State government	2.21	2.05	1.89	1.93	2.06
Local government	8.10	8.16	8.30	8.22	8.22
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
By industry					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculations

Table 10: United States Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	77.71	77.57	77.53	77.15	76.90
Proprietors employment	22.29	22.43	22.47	22.85	23.10
Farm proprietors employment	0.99	0.96	0.94	0.92	0.89
Nonfarm proprietors employment	21.30	21.46	21.53	21.93	22.21
By industry					
Farm employment	1.42	1.39	1.36	1.33	1.30
Nonfarm employment	98.58	98.61	98.64	98.67	98.70
Private nonfarm employment	85.66	85.92	86.07	86.26	86.48
Forestry, fishing, and related activities	0.51	0.48	0.48	0.48	0.48
Mining	0.86	0.82	0.75	0.67	0.67
Utilities	0.31	0.31	0.32	0.30	0.29
Construction	5.14	5.17	5.34	5.36	5.47
Manufacturing	6.93	6.87	6.79	6.72	6.73
Wholesale trade	3.61	3.58	3.34	3.30	3.20
Retail trade	10.05	10.03	9.93	9.83	9.62
Transportation and warehousing	3.37	3.64	3.84	4.33	4.66
Information	1.79	1.74	1.75	1.73	1.72
Finance and insurance	5.17	5.17	5.27	5.21	5.18
Real estate and rental and leasing	4.51	4.55	4.59	4.68	4.73
Professional, scientific, and technical services	6.91	7.01	6.98	7.04	7.08
Management of companies and enterprises	1.27	1.27	1.35	1.31	1.33
Administrative and waste management services	6.29	6.18	6.22	6.20	6.21
Educational services	2.42	2.42	2.40	2.39	2.38
Health care and social assistance	11.17	11.22	11.28	11.29	11.27
Arts, entertainment, and recreation	2.27	2.22	2.26	2.30	2.33
Accommodation and food services	7.28	7.34	7.45	7.51	7.51
Other services, except public administration	5.83	5.87	5.74	5.62	5.61
Government and government enterprises	12.92	12.69	12.57	12.41	12.23
Federal, civilian	1.50	1.48	1.47	1.45	1.42
Military	1.06	1.03	1.00	0.98	0.96
State and local	10.36	10.18	10.10	9.98	9.85
State government	2.86	2.81	2.77	2.73	2.69
Local government	7.49	7.37	7.33	7.24	7.16
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation