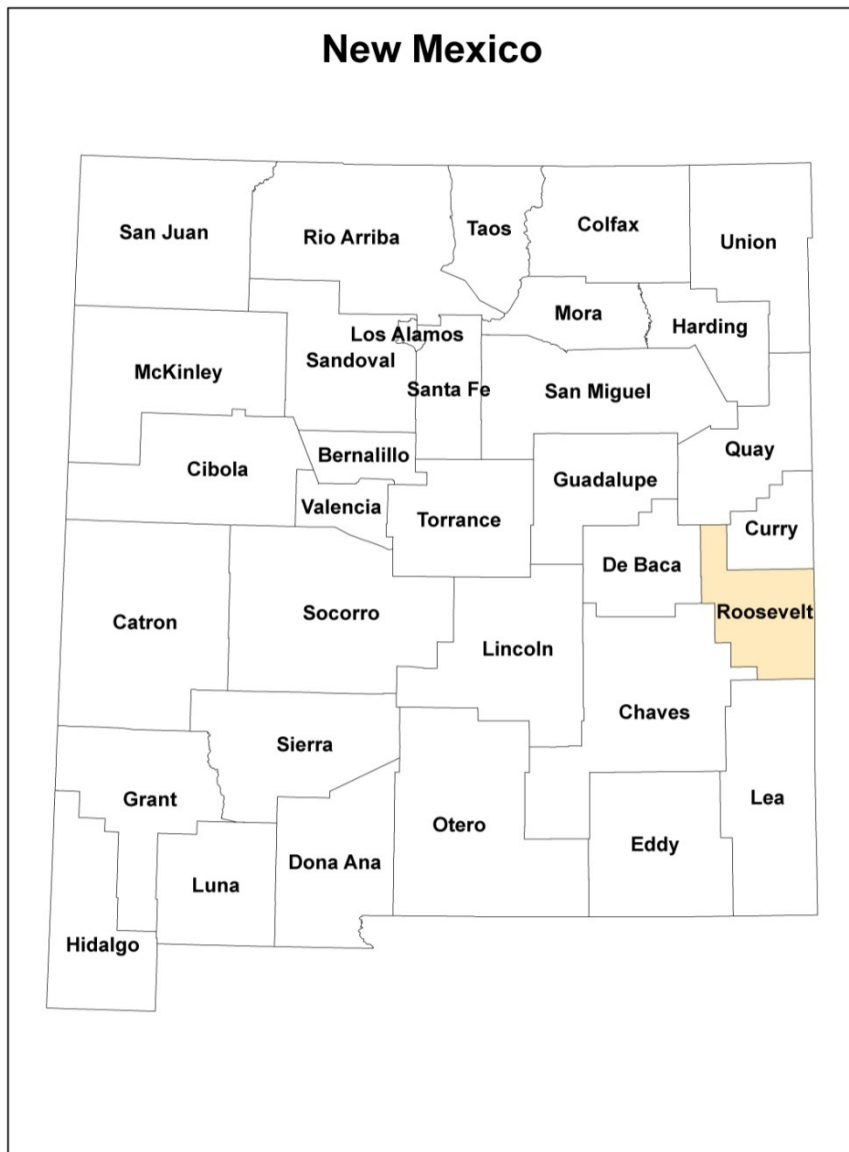




The Economic Base of Roosevelt County, NM

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

Date: July 2019



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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. Theophilus Djaba and Erin Sumner, graduate students in the NMSU Doctorate of Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. Our intent is to update these reports on an annual basis.

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

The specific purposes of economic base studies include:

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

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

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent

of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

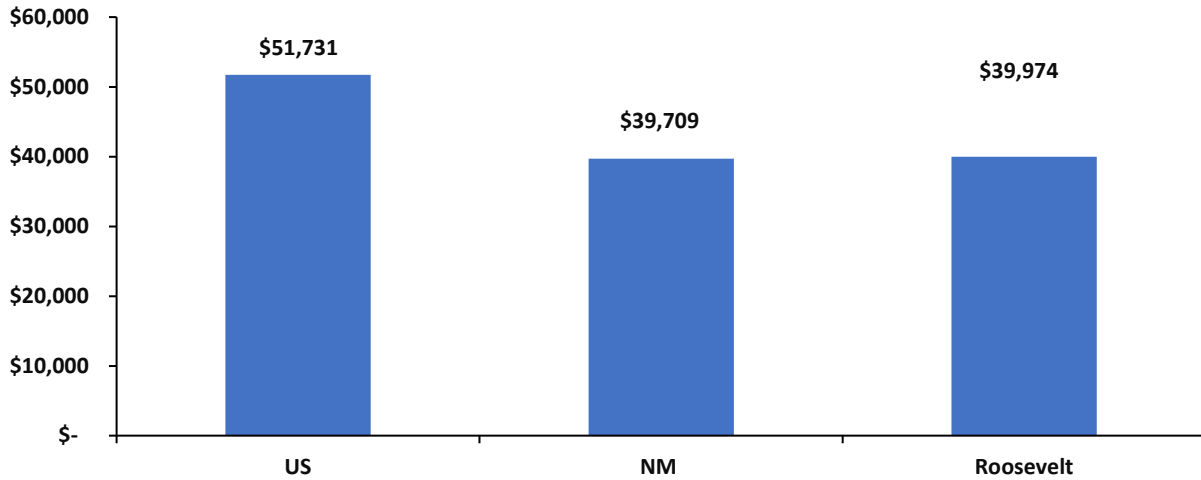
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, 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 Roosevelt County with the 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 for the four preceding years (2013-2017). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Roosevelt County, New Mexico

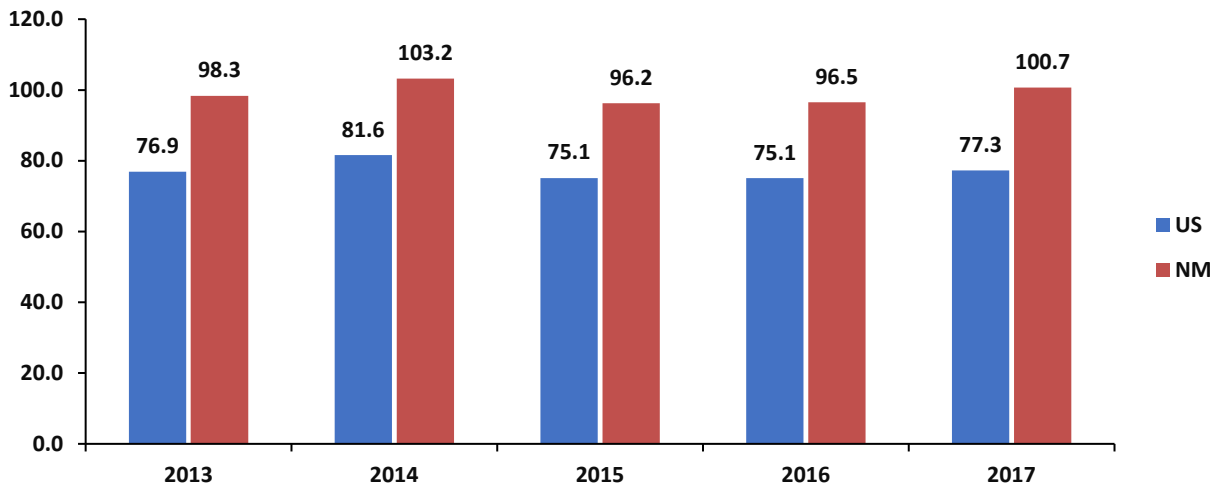
Roosevelt County is located in eastern central New Mexico and contains 2,447.43 square miles, or 2.02 percent of the land area in New Mexico. The population of Roosevelt County in 2017 was 18,847 or 0.90 percent of the state total population. The county population ranked 20th among New Mexico's counties in terms of population. In 2017, the City of Portales had a population of 12,123 representing 64.32 percent of the total population of Roosevelt County. Between 2013 and 2017, the population of Roosevelt County decreased by 5.62 percent. In the same period, New Mexico's population increased by 0.03 percent and the United States' population increased by 2.88 percent.

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



Per capita personal income in Roosevelt County was \$39,974 ranking 9th in the state in 2017. Per capita income, in 2017, for Roosevelt County was 100.67 percent of the state’s average per capita income (\$39,709) and 77.27 percent of the national average (\$51,731) (See Figures 1 and 2). The 15.95 percent growth rate of per capita income in Roosevelt County was significantly higher than the state (13.21) and the nation (15.34) between 2013 and 2017.

Figure 2. Per Capita Personal Income of Roosevelt County as a Percent of U.S. and New Mexico 2013-2017



Total employment in Roosevelt County was of 8,144 jobs in 2017. Between 2013 and 2017, total employment in Roosevelt County decreased by 6.24 percent, compared to the 2.08 employment increase occurring statewide and the 7.57 percent increase in employment nationwide. This 6.24 percent decrease represented a net decrease of 125 less jobs in the county between 2013 and 2017. The

Roosevelt County employment to population ratio was 0.43, compared to the state ratio (0.52) and the nation's ratio (0.60). This ratio represents a low rate of the population being employed.

In 2017, 60.22 percent of all workers in Roosevelt County were employed in the Private sector, while 26.24 percent were employed in Government and government enterprises and Farm employment accounted for 13.54 percent of total employment. Within the Private sector, the industries with the highest percentages of total employment included: Retail Trade (10.38 percent), Accommodation and food services (7.16), Health care and social assistance (6.93), Transportation and warehousing (5.67), and Manufacturing (5.81). Data for Health care and Social assistance was not available from year 2013 through 2015. In the public sector, State and Local governments contained the largest percentage of public employment with 12.91 and 12.28 percent of total employment, respectively. Federal/civilian employment accounted for 0.49 percent and Military accounted for 0.56 percent of the total county employment. Employment for Roosevelt County by sector is displayed in Table 3.

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

Table 1 contains LQs for Roosevelt County from 2013 to 2017 calculated using data for the United States as the basis for comparison. Table 2 contains LQs for Roosevelt County from 2013 to 2017 calculated with respect to the State of New Mexico. For the purposes of this report, a LQ greater than 1.0 with respect to U.S. employment (Table 1) is considered as a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

In the private sector, the great importance of agriculture to the economic base of Roosevelt County is apparent in Table 1, in which farm employment has been highlighted with an LQ of 10.10 in 2017 and with LQs greater than 8.80 for all years considered.

Transportation and warehousing is also considered a basic economic activity in Roosevelt County with a LQ of 1.45 in 2017. In 2017, LQ of the Utilities, Retail trade, and Accommodation and food services sectors were 2.00, 1.06, and 1.02 respectively. However, for Roosevelt County, these sectors are considered non-basic or support activities, given they do not bring outside dollars into the county. For this update retail trade, is now considered a basic sector with LQs exceeding 1.01 in all years considered.

The entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. In 2017, the government sectors with LQs greater than 1.0 included State and Local government. State government, with a LQ of 4.72 in 2017 reflects the particular importance of employment of Eastern New Mexico University (ENMU). Since ENMU provides

educational services, State government is considered a basic sector for Roosevelt County. Local government had an LQ of 1.69 in 2017. However, this sector is considered a non-basic economic activity providing support to the rest of the basic industries.

For 2017, the data and analysis suggest that the following industries are considered basic industries in Roosevelt County:

1. Agricultural sector (Farm employment and Forestry and fishing, and related activities), accounted for 1,279 jobs.
2. Transportation and warehousing, accounted for 462 total jobs.
3. State government employment, accounted for 1,051 jobs.
4. Retail trade sector, accounted for 845 jobs.

It is common in economic base studies to calculate what is known as an export-base multiplier. This multiplier is obtained by dividing total employment by basic sector employment. In Roosevelt County, the multiplier is equal to 2.24 (8,144/ 3,637). This ratio suggests that any additional basic sector job in Roosevelt County is associated with additional 2.24 non-basic sector jobs. The export base multiplier (2.24) calculated above reinforces the importance of basic (exporting) industries to the economy of Roosevelt 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 Roosevelt 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 economic data and the U.S. Census for population data. From 2016 to 2017, the population of Roosevelt County decreased by 1.23 percent from 19,082 in 2016 to 18,847 in 2017. Per capita income for Roosevelt County in 2017 was \$ 39,974, an increase of 6.75 percent from the previous year (\$37,445). For this

update, the Retail Trade industry and Forestry, fishing, and related activities are new additions to the basic industries list.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Roosevelt County (US Base) 2013-2017					
US Base	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.99	0.99	0.99	0.99	0.98
Proprietors employment	1.02	1.03	1.05	1.04	1.06
Farm proprietors employment	6.38	6.71	7.20	7.30	7.59
Nonfarm proprietors employment	0.76	0.76	0.77	0.77	0.79
By industry					
Farm employment	8.92	8.83	9.75	10.45	10.10
Nonfarm employment	0.88	0.89	0.88	0.87	0.88
Private nonfarm employment	0.71	0.70	0.71	0.70	0.70
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	4.58
Mining	N/A	N/A	N/A	N/A	0.73
Utilities	2.07	2.27	2.78	2.18	2.00
Construction	0.89	0.82	0.87	0.82	0.80
Manufacturing	0.92	0.85	0.90	0.88	0.86
Wholesale trade	0.37	0.37	0.34	0.33	0.33
Retail trade	1.05	1.04	1.01	1.02	1.06
Transportation and warehousing	1.60	1.53	1.56	1.28	1.45
Information	0.60	0.54	0.47	0.46	N/A
Finance and insurance	0.41	0.42	0.38	0.40	0.38
Real estate and rental and leasing	0.61	0.63	0.64	0.60	0.60
Professional, scientific, and technical services	0.33	0.27	0.25	0.24	0.26
Management of companies and enterprises	0.01	0.00	0.00	0.00	N/A
Administrative and waste management services	0.31	0.29	0.26	0.28	N/A
Educational services	N/A	N/A	N/A	0.42	0.43
Health care and social assistance	N/A	N/A	N/A	0.61	0.61
Arts, entertainment, and recreation	0.41	0.45	0.55	0.45	0.46
Accommodation and food services	0.91	0.99	1.05	1.04	1.02
Other services, except public administration	0.71	0.76	0.76	0.76	N/A
Government and government enterprises	1.98	2.11	2.02	2.04	2.11
Federal, civilian	0.42	0.40	0.32	0.34	0.34
Military	0.54	0.53	0.55	0.57	0.57
State and local	2.36	2.51	2.42	2.44	2.52
State government	4.52	4.86	4.49	4.51	4.72
Local government	1.54	1.62	1.62	1.65	1.69
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 2: Location Quotients for Roosevelt County (NM Base) 2013-2017					
NM Based	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.98	0.98	0.97	0.97	0.97
Proprietors employment	1.06	1.08	1.11	1.11	1.12
Farm proprietors employment	3.24	3.35	3.54	3.53	3.60
Nonfarm proprietors employment	0.84	0.84	0.86	0.86	0.87
By industry					
Farm employment	4.76	4.81	5.13	5.26	5.19
Nonfarm employment	0.89	0.90	0.89	0.88	0.89
Private nonfarm employment	0.78	0.77	0.78	0.77	0.77
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	4.19
Mining	N/A	N/A	N/A	N/A	0.18
Utilities	1.52	1.67	2.03	1.56	1.45
Construction	0.82	0.76	0.82	0.80	0.76
Manufacturing	1.95	1.89	1.98	1.97	1.92
Wholesale trade	0.51	0.50	0.47	0.47	0.48
Retail trade	1.01	1.00	0.97	0.97	1.02
Transportation and warehousing	2.22	2.16	2.28	2.02	2.30
Information	0.72	0.67	0.57	0.54	N/A
Finance and insurance	0.68	0.67	0.61	0.65	0.61
Real estate and rental and leasing	0.75	0.79	0.81	0.75	0.75
Professional, scientific, and technical services	0.32	0.26	0.25	0.23	0.25
Management of companies and enterprises	0.02	0.00	0.00	0.00	N/A
Administrative and waste management services	0.38	0.36	0.33	0.36	N/A
Educational services	N/A	N/A	N/A	0.64	0.66
Health care and social assistance	N/A	N/A	N/A	0.56	0.56
Arts, entertainment, and recreation	0.41	0.46	0.55	0.46	0.47
Accommodation and food services	0.82	0.88	0.93	0.91	0.90
Other services, except public administration	0.81	0.87	0.88	0.86	N/A
Government and government enterprises	1.33	1.41	1.34	1.34	1.40
Federal, civilian	0.23	0.22	0.18	0.19	0.18
Military	0.35	0.35	0.37	0.36	0.36
State and local	1.65	1.74	1.65	1.66	1.73
State government	2.45	2.56	2.34	2.32	2.46
Local government	1.21	1.27	1.26	1.28	1.32
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: Roosevelt County Total Employment by Industry 2017		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	6,186	75.96
Proprietors employment	1,958	24.04
Farm proprietors employment	571	7.01
Nonfarm proprietors employment	1,387	17.03
By industry		
Farm employment	1,103	13.54
Nonfarm employment	7,041	86.46
Private nonfarm employment	4,904	60.22
Forestry, fishing, and related activities	176	2.16
Mining	46	0.56
Utilities	55	0.68
Construction	355	4.36
Manufacturing	473	5.81
Wholesale trade	88	1.08
Retail trade	845	10.38
Transportation and warehousing	462	5.67
Information	(D)	N/A
Finance and insurance	165	2.03
Real estate and rental and leasing	226	2.78
Professional, scientific, and technical services	149	1.83
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	(D)	N/A
Educational services	83	1.02
Health care and social assistance	564	6.93
Arts, entertainment, and recreation	86	1.06
Accommodation and food services	620	7.61
Other services, except public administration	(D)	N/A
Government and government enterprises	2,137	26.24
Federal, civilian	40	0.49
Military	46	0.56
State and local	2,051	25.18
State government	1,051	12.91
Local government	1,000	12.28
Total employment	8,144	100.00

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

Table 4: Roosevelt County Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	6722	6522	6306	6335	6186
Proprietors employment	1964	1941	1942	1934	1958
Farm proprietors employment	564	562	572	569	571
Nonfarm proprietors employment 2/	1400	1379	1370	1365	1387
By industry					
Farm employment	1124	1061	1119	1181	1103
Nonfarm employment	7562	7402	7129	7088	7041
Private nonfarm employment	5294	5101	5013	4966	4904
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	176
Mining	(D)	(D)	(D)	(D)	46
Utilities	57	60	72	58	55
Construction	392	355	371	363	355
Manufacturing	559	501	511	495	473
Wholesale trade	111	112	101	91	88
Retail trade	923	886	838	838	845
Transportation and warehousing	458	437	470	407	462
Information	93	82	67	66	(D)
Finance and insurance	192	182	160	176	165
Real estate and rental and leasing	234	242	242	226	226
Professional, scientific, and technical services	198	156	147	137	149
Management of companies and enterprises	1	0	0	0	(D)
Administrative and waste management services	166	154	132	146	(D)
Educational services	(D)	(D)	(D)	83	83
Health care and social assistance	(D)	(D)	(D)	566	564
Arts, entertainment, and recreation	79	87	101	84	86
Accommodation and food services	567	610	636	638	620
Other services, except public administration	356	377	370	362	(D)
Government and government enterprises	2268	2301	2116	2122	2137
Federal, civilian	57	51	39	42	40
Military	52	48	47	47	46
State and local	2159	2202	2030	2033	2051
State government	1142	1177	1042	1033	1051
Local government	1017	1025	988	1000	1000
Total employment	8686	8463	8248	8269	8144

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

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

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

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

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

Table 7: Roosevelt County, New Mexico and United States Percent of Employment by Industry 2017			
	United States	New Mexico	Roosevelt County
By type			
Wage and salary employment	77.41	78.54	75.96
Proprietors employment	22.59	21.46	24.04
Farm proprietors employment	0.92	1.95	7.01
Nonfarm proprietors employment	21.67	19.51	17.03
By industry			
Farm employment	1.34	2.61	13.54
Nonfarm employment	98.66	97.39	86.46
Private nonfarm employment	86.22	78.60	60.22
Forestry, fishing, and related activities	0.47	0.52	2.16
Mining	0.77	3.07	0.56
Utilities	0.34	0.46	0.68
Construction	5.42	5.70	4.36
Manufacturing	6.78	3.03	5.81
Wholesale trade	3.30	2.27	1.08
Retail trade	9.80	10.15	10.38
Transportation and warehousing	3.91	2.46	5.67
Information	1.73	1.40	N/A
Finance and insurance	5.36	3.35	2.03
Real estate and rental and leasing	4.64	3.70	2.78
Professional, scientific, and technical services	7.00	7.25	1.83
Management of companies and enterprises	1.36	0.59	N/A
Administrative and waste management services	6.16	5.04	N/A
Educational services	2.39	1.55	1.02
Health care and social assistance	11.32	12.27	6.93
Arts, entertainment, and recreation	2.27	2.26	1.06
Accommodation and food services	7.49	8.47	7.61
Other services, except public administration	5.69	5.05	N/A
Government and government enterprises	12.44	18.79	26.24
Federal, civilian	1.46	2.67	0.49
Military	0.98	1.58	0.56
State and local	10.00	14.54	25.18
State government	2.74	5.25	12.91
Local government	7.27	9.29	12.28
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: Roosevelt County Percent of Employment by Sectors 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	77.39	77.06	76.45	76.61	75.96
Proprietors employment	22.61	22.94	23.55	23.39	24.04
Farm proprietors employment	6.49	6.64	6.94	6.88	7.01
Nonfarm proprietors employment	16.12	16.29	16.61	16.51	17.03
By industry					
Farm employment	12.94	12.54	13.57	14.28	13.54
Nonfarm employment	87.06	87.46	86.43	85.72	86.46
Private nonfarm employment	60.95	60.27	60.78	60.06	60.22
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	2.16
Mining	N/A	N/A	N/A	N/A	0.56
Utilities	0.66	0.71	0.87	0.70	0.68
Construction	4.51	4.19	4.50	4.39	4.36
Manufacturing	6.44	5.92	6.20	5.99	5.81
Wholesale trade	1.28	1.32	1.22	1.10	1.08
Retail trade	10.63	10.47	10.16	10.13	10.38
Transportation and warehousing	5.27	5.16	5.70	4.92	5.67
Information	1.07	0.97	0.81	0.80	N/A
Finance and insurance	2.21	2.15	1.94	2.13	2.03
Real estate and rental and leasing	2.69	2.86	2.93	2.73	2.78
Professional, scientific, and technical services	2.28	1.84	1.78	1.66	1.83
Management of companies and enterprises	0.01	0.00	0.00	0.00	N/A
Administrative and waste management services	1.91	1.82	1.60	1.77	N/A
Educational services	N/A	N/A	N/A	1.00	1.02
Health care and social assistance	N/A	N/A	N/A	6.84	6.93
Arts, entertainment, and recreation	0.91	1.03	1.22	1.02	1.06
Accommodation and food services	6.53	7.21	7.71	7.72	7.61
Other services, except public administration	4.10	4.45	4.49	4.38	N/A
Government and government enterprises	26.11	27.19	25.65	25.66	26.24
Federal, civilian	0.66	0.60	0.47	0.51	0.49
Military	0.60	0.57	0.57	0.57	0.56
State and local	24.86	26.02	24.61	24.59	25.18
State government	13.15	13.91	12.63	12.49	12.91
Local government	11.71	12.11	11.98	12.09	12.28
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 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	78.71	78.67	78.77	78.84	78.54
Proprietors employment	21.29	21.33	21.23	21.16	21.46
Farm proprietors employment	2.00	1.98	1.96	1.95	1.95
Nonfarm proprietors employment	19.29	19.34	19.27	19.21	19.51
By industry					
Farm employment	2.72	2.61	2.64	2.71	2.61
Nonfarm employment	97.28	97.39	97.36	97.29	97.39
Private nonfarm employment	77.68	78.07	78.25	78.20	78.60
Forestry, fishing, and related activities	0.49	0.52	0.51	0.53	0.52
Mining	3.43	3.53	3.36	2.91	3.07
Utilities	0.43	0.42	0.43	0.45	0.46
Construction	5.50	5.50	5.47	5.49	5.70
Manufacturing	3.30	3.14	3.13	3.04	3.03
Wholesale trade	2.48	2.66	2.61	2.32	2.27
Retail trade	10.48	10.52	10.52	10.40	10.15
Transportation and warehousing	2.37	2.39	2.50	2.44	2.46
Information	1.49	1.45	1.43	1.46	1.40
Finance and insurance	3.26	3.21	3.16	3.27	3.35
Real estate and rental and leasing	3.57	3.61	3.63	3.65	3.70
Professional, scientific, and technical services	7.06	7.03	7.10	7.12	7.25
Management of companies and enterprises	0.51	0.52	0.54	0.58	0.59
Administrative and waste management services	5.08	5.02	4.85	4.93	5.04
Educational services	1.53	1.54	1.55	1.56	1.55
Health care and social assistance	11.51	11.52	11.88	12.29	12.27
Arts, entertainment, and recreation	2.21	2.24	2.22	2.21	2.26
Accommodation and food services	7.95	8.15	8.26	8.47	8.47
Other services, except public administration	5.04	5.10	5.11	5.07	5.05
Government and government enterprises	19.61	19.32	19.10	19.09	18.79
Federal, civilian	2.83	2.72	2.67	2.69	2.67
Military	1.71	1.62	1.55	1.57	1.58
State and local	15.07	14.99	14.88	14.83	14.54
State government	5.37	5.42	5.40	5.37	5.25
Local government	9.70	9.57	9.48	9.45	9.29
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 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	77.85	77.71	77.57	77.52	77.41
Proprietors employment	22.15	22.29	22.43	22.48	22.59
Farm proprietors employment	1.02	0.99	0.96	0.94	0.92
Nonfarm proprietors employment	21.14	21.30	21.46	21.53	21.67
By industry					
Farm employment	1.45	1.42	1.39	1.37	1.34
Nonfarm employment	98.55	98.58	98.61	98.63	98.66
Private nonfarm employment	85.36	85.66	85.92	86.07	86.22
Forestry, fishing, and related activities	0.50	0.51	0.48	0.48	0.47
Mining	0.88	0.86	0.82	0.75	0.77
Utilities	0.32	0.31	0.31	0.32	0.34
Construction	5.07	5.14	5.17	5.34	5.42
Manufacturing	7.00	6.93	6.87	6.79	6.78
Wholesale trade	3.48	3.61	3.58	3.34	3.30
Retail trade	10.07	10.05	10.03	9.93	9.80
Transportation and warehousing	3.30	3.37	3.64	3.83	3.91
Information	1.79	1.79	1.74	1.75	1.73
Finance and insurance	5.38	5.17	5.17	5.27	5.36
Real estate and rental and leasing	4.42	4.51	4.55	4.59	4.64
Professional, scientific, and technical services	6.88	6.91	7.01	6.98	7.00
Management of companies and enterprises	1.24	1.27	1.27	1.35	1.36
Administrative and waste management services	6.23	6.29	6.18	6.22	6.16
Educational services	2.38	2.42	2.42	2.40	2.39
Health care and social assistance	11.24	11.17	11.22	11.28	11.32
Arts, entertainment, and recreation	2.22	2.27	2.22	2.26	2.27
Accommodation and food services	7.18	7.28	7.34	7.45	7.49
Other services, except public administration	5.77	5.83	5.87	5.74	5.69
Government and government enterprises	13.19	12.92	12.69	12.57	12.44
Federal, civilian	1.55	1.50	1.48	1.47	1.46
Military	1.11	1.06	1.03	1.00	0.98
State and local	10.53	10.36	10.18	10.10	10.00
State government	2.91	2.86	2.81	2.77	2.74
Local government	7.62	7.49	7.37	7.33	7.27
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