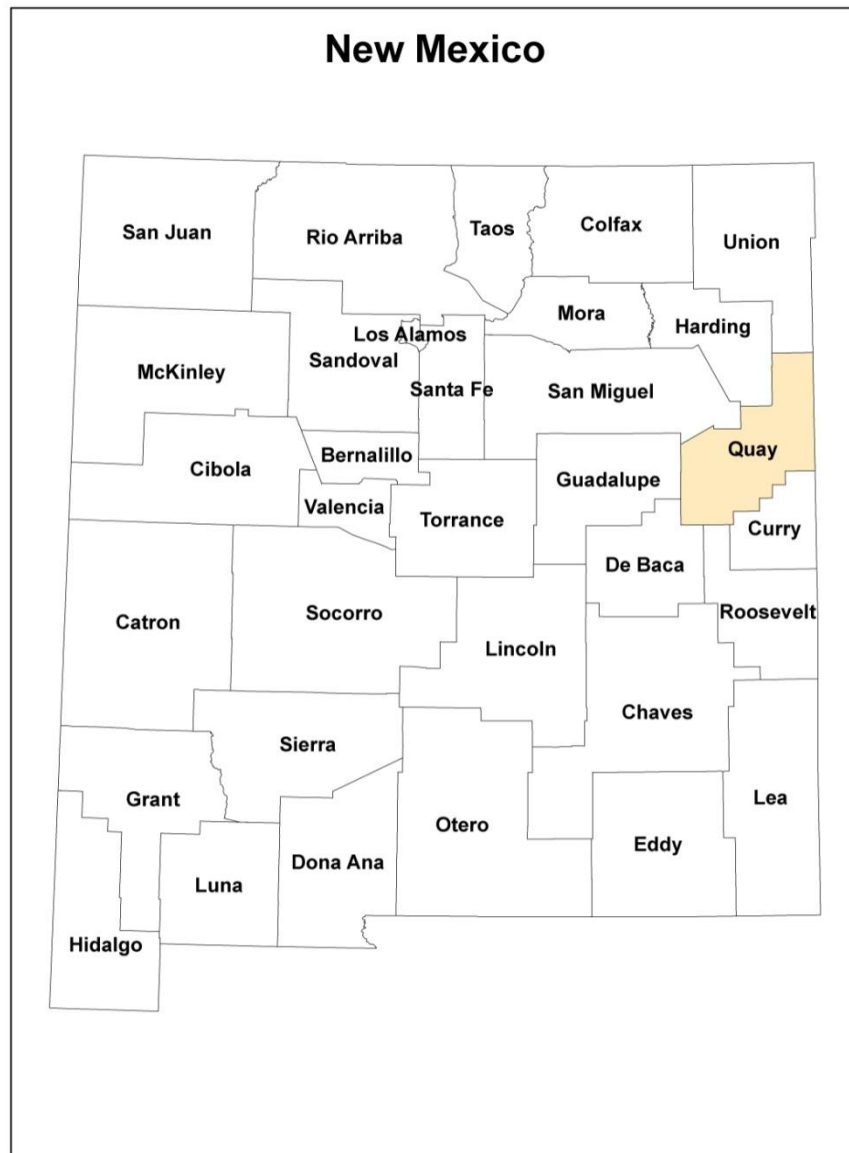


The Economic Base of Quay County, NM

**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 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:

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

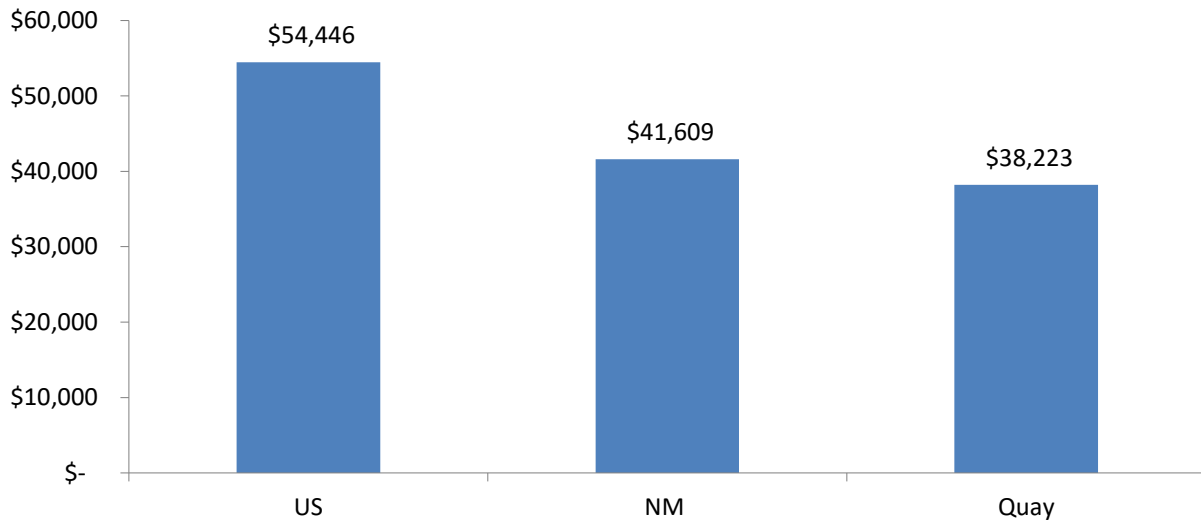
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, an LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see <http://arrowheadcenter.nmsu.edu/wp-content/uploads/2015/06/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated for industries within Quay County with the 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). In this report, basic industries are identified utilizing 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 (2014-2018). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Quay County, New Mexico

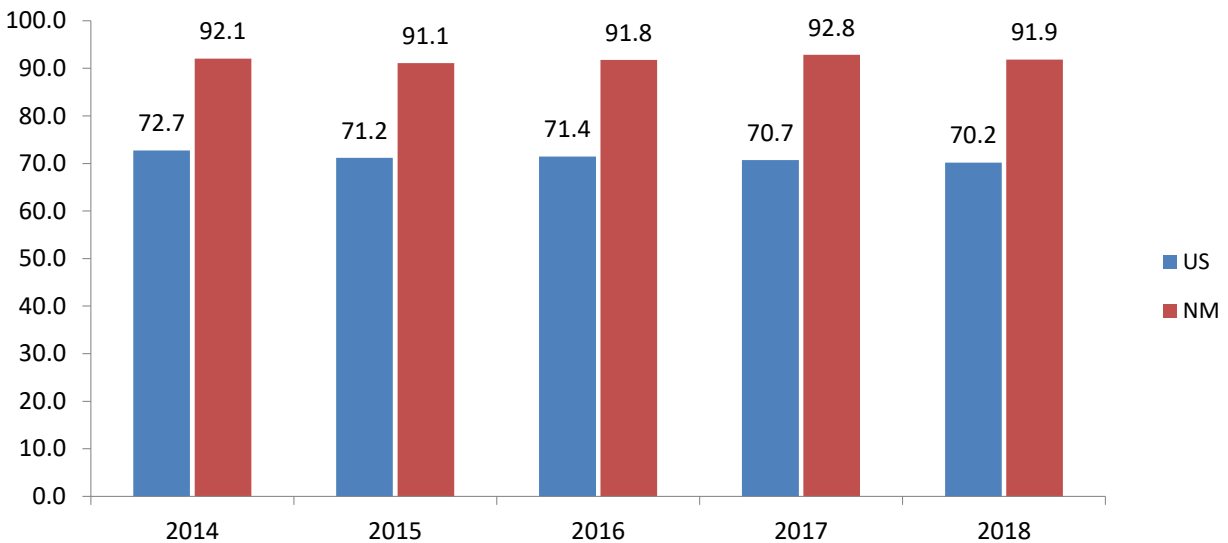
Quay County is located in central eastern New Mexico and represents 2,874.35 square miles, or 2.37 percent of the land area in New Mexico. In 2018, the population of Quay County was 8,253, or 0.39 percent of the state's total population, ranking 26th in New Mexico in terms of population. The City of Tucumcari, with a population of 4,958 in 2018 represented 60.08 percent of the total population for Quay County. Between 2014 and 2018, the population of Quay County decreased by 2.52 percent. During the same period, New Mexico's population increased by 0.24 percent and the United States' population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: Quay County (2018)



Per capita personal income for Quay County in 2018 was \$38,223. Per capita income for Quay County in 2018 was 91.86 percent of the state figure (\$41,609) and 70.20 percent of the national figure (\$54,446) (See Figures 1 and 2). The 11.65 percent growth of per capita income in Quay County between 2014 and 2018 was lower than the state and nation. The growth rate for the state and nation, during the same period, was 11.91 percent and 15.70 percent, respectively.

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



Total employment in Quay County was 4,111 in 2018. Between 2014 and 2018, total employment in Quay County decreased by 1.70 percent, compared to the statewide increase of 2.93 percent and the nationwide increase of 7.79 percent. The Quay County employment to population ratio was 0.50, which was less than the state (0.53) and the nation (0.61). This ratio represents a low rate of the population being employed. Given the small population and limited number of establishments in Quay County, disaggregated data by industry for Quay County released from BEA is limited in order to protect confidentiality. Also, data for industries with fewer than 10 total employees were not publicly released. Therefore, industry data is included in annual countywide totals.

In 2018, 65.85 percent of all workers in Quay County were employed in the private sector, while Government and Government Enterprises accounted for 20.58 percent, and Farm employment accounted for 13.57 percent. Within the Private sector, the industries with the highest percentage of employment included: Retail Trade (11.97 percent), Healthcare and Social Assistance (9.66 percent), and Construction (4.65 percent). For the public sector, Local and State governments were the largest employers with 12.02 and 7.32 percent of total employment, respectively. Federal/civilian employment accounted for 0.73 percent and

Military employment for 0.51 percent. Employment for Quay County by sector is displayed in Table 1.

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

Table 2 contains LQs for Quay County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Quay County from 2014 to 2018 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The importance of the Agricultural sector to the economic base of Quay County is reflected in the largest LQ for the county under Farm employment with an LQ of 10.46. This industry has seen fairly steady LQs throughout the years considered. The agricultural sector is considered a basic industry for Quay County. The other basic industry in Quay County based on an LQ greater than one is Retail Trade with an LQ of 1.24. The Utilities industry with an LQ of 4.72 has employment concentrations higher than the national average, however it is considered a non-basic or support industry for Quay County.

The entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. From the government sectors, State and Local governments had LQs greater than 1.0 in 2018. State government employment had an LQ of 2.72, reflecting the employment base of Ute Lake and Conchas Lake State Parks, both located outside of Tucumcari. State government is to be considered a basic industry for Quay County. Local government had an LQ of 1.68. 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 Quay County will be considered as a non-basic industry.

The data and analysis suggest that in 2018 the following industries should be considered basic industries in Quay County:

1. The agricultural sector with Farm employment, accounted for 558 jobs.
2. Retail Trade, accounted for 492 jobs.

3. State government employment, accounted for 301 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 in Quay County by basic sector employment. In the case of Quay County, the multiplier is 3.04 (4,111/1,351). This ratio suggests that the addition of each basic sector job in Quay County would be associated with an additional 3.04 non-basic sector jobs. The export base multiplier (3.04) calculated above reinforces the importance of basic (exporting) industries to the economy of Quay 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 Quay 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.

Summary of 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 for population data. Quay County had a decline in population of 0.69 percent between 2017 and 2018, falling from 8,310 in 2017 to 8,253 in 2018. Total employment increased by 0.54 percent from 4,089 in 2017 to 4,111 in 2018, an increase of 22 jobs. Per capita income grew by 4.19 percent between 2017 (\$36,686) and 2018 (\$38,223).

Tables 1 to 10 appear on pages 7-16

Table 1: Quay Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	3015	2971	2883	2916	2918
Proprietors employment	1167	1148	1170	1173	1193
Farm proprietors employment	454	456	455	454	449
Nonfarm proprietors employment 2/	713	692	715	719	744
By industry					
Farm employment	553	565	577	564	558
Nonfarm employment	3629	3554	3476	3525	3553
Private nonfarm employment	2671	2607	2609	2661	2707
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	21	N/A	N/A	N/A	N/A
Utilities	28	29	55	53	57
Construction	214	185	197	202	191
Manufacturing	64	N/A	N/A	N/A	N/A
Wholesale trade	62	49	32	29	28
Retail trade	521	501	448	498	492
Transportation and warehousing	166	171	152	157	159
Information	20	18	20	22	20
Finance and insurance	127	128	146	130	128
Real estate and rental and leasing	75	75	88	79	81
Professional, scientific, and technical services	90	86	89	97	105
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	N/A	18	14	11	11
Health care and social assistance	N/A	356	356	381	397
Arts, entertainment, and recreation	39	28	38	33	(D)
Accommodation and food services	534	522	516	513	(D)
Other services, except public administration	223	215	215	203	198
Government and government enterprises	958	947	867	864	846
Federal, civilian	44	31	31	30	30
Military	23	22	22	21	21
State and local	891	894	814	813	795
State government	372	378	310	321	301
Local government	519	516	504	492	494
Total employment	4,182	4,119	4,053	4,089	4,111

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

Table 2: Location Quotients for Quay (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.93	0.93	0.92	0.92	0.92
Proprietors employment	1.25	1.24	1.28	1.26	1.26
Farm proprietors employment	10.99	11.52	11.94	12.13	12.25
Nonfarm proprietors employment	0.80	0.78	0.82	0.80	0.81
By industry					
Farm employment	9.32	9.87	10.44	10.36	10.46
Nonfarm employment	0.88	0.87	0.87	0.87	0.88
Private nonfarm employment	0.75	0.74	0.75	0.75	0.76
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.59	N/A	N/A	N/A	N/A
Utilities	2.15	2.24	4.22	4.32	4.72
Construction	1.00	0.87	0.91	0.92	0.85
Manufacturing	0.22	N/A	N/A	N/A	N/A
Wholesale trade	0.41	0.33	0.24	0.21	0.21
Retail trade	1.24	1.21	1.11	1.24	1.24
Transportation and warehousing	1.18	1.14	0.98	0.89	0.83
Information	0.27	0.25	0.28	0.31	0.28
Finance and insurance	0.59	0.60	0.68	0.61	0.60
Real estate and rental and leasing	0.40	0.40	0.47	0.41	0.42
Professional, scientific, and technical services	0.31	0.30	0.31	0.34	0.36
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	N/A	0.18	0.14	0.11	0.11
Health care and social assistance	N/A	0.77	0.78	0.83	0.86
Arts, entertainment, and recreation	0.41	0.31	0.42	0.35	N/A
Accommodation and food services	1.76	1.73	1.71	1.67	N/A
Other services, except public administration	0.91	0.89	0.92	0.88	0.86
Government and government enterprises	1.77	1.81	1.70	1.70	1.68
Federal, civilian	0.70	0.51	0.52	0.51	0.51
Military	0.52	0.52	0.54	0.52	0.53
State and local	2.06	2.13	1.99	1.99	1.96
State government	3.11	3.27	2.76	2.87	2.72
Local government	1.66	1.70	1.70	1.66	1.68
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 Quay (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.92	0.92	0.90	0.91	0.90
Proprietors employment	1.31	1.31	1.36	1.34	1.35
Farm proprietors employment	5.46	5.60	5.70	5.67	5.74
Nonfarm proprietors employment	0.88	0.87	0.92	0.90	0.92
By industry					
Farm employment	5.06	5.16	5.21	5.22	5.28
Nonfarm employment	0.89	0.89	0.88	0.89	0.89
Private nonfarm employment	0.82	0.81	0.82	0.83	0.83
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.14	N/A	N/A	N/A	N/A
Utilities	1.58	1.64	3.03	3.08	3.38
Construction	0.93	0.82	0.89	0.87	0.81
Manufacturing	0.49	N/A	N/A	N/A	N/A
Wholesale trade	0.56	0.46	0.34	0.31	0.31
Retail trade	1.19	1.16	1.06	1.20	1.20
Transportation and warehousing	1.66	1.66	1.54	1.40	1.31
Information	0.33	0.31	0.34	0.38	0.35
Finance and insurance	0.95	0.98	1.10	0.98	0.96
Real estate and rental and leasing	0.50	0.50	0.60	0.52	0.53
Professional, scientific, and technical services	0.31	0.29	0.31	0.33	0.35
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	N/A	0.28	0.22	0.17	0.18
Health care and social assistance	N/A	0.73	0.71	0.76	0.79
Arts, entertainment, and recreation	0.42	0.31	0.42	0.35	N/A
Accommodation and food services	1.57	1.53	1.50	1.47	N/A
Other services, except public administration	1.05	1.02	1.05	0.99	0.95
Government and government enterprises	1.18	1.20	1.12	1.13	1.12
Federal, civilian	0.39	0.28	0.28	0.28	0.28
Military	0.33	0.35	0.35	0.32	0.32
State and local	1.42	1.46	1.35	1.37	1.36
State government	1.64	1.70	1.42	1.50	1.43
Local government	1.30	1.32	1.32	1.29	1.31
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: Quay, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	2,918	70.98
Proprietors employment	1,193	29.02
Farm proprietors employment	449	10.92
Nonfarm proprietors employment	744	18.10
By industry		
Farm employment	558	13.57
Nonfarm employment	3,553	86.43
Private nonfarm employment	2,707	65.85
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	57	1.39
Construction	191	4.65
Manufacturing	N/A	N/A
Wholesale trade	28	0.68
Retail trade	492	11.97
Transportation and warehousing	159	3.87
Information	20	0.49
Finance and insurance	128	3.11
Real estate and rental and leasing	81	1.97
Professional, scientific, and technical services	105	2.55
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	N/A	N/A
Educational services	11	0.27
Health care and social assistance	397	9.66
Arts, entertainment, and recreation	(D)	N/A
Accommodation and food services	(D)	N/A
Other services, except public administration	198	4.82
Government and government enterprises	846	20.58
Federal, civilian	30	0.73
Military	21	0.51
State and local	795	19.34
State government	301	7.32
Local government	494	12.02
Total employment	4,111	100.00

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

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: Quay, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Quay
By type			
Wage and salary employment	76.90	78.49	70.98
Proprietors employment	23.10	21.51	29.02
Farm proprietors employment	0.89	1.90	10.92
Nonfarm proprietors employment	22.21	19.61	18.10
By industry			
Farm employment	1.30	2.57	13.57
Nonfarm employment	98.70	97.43	86.43
Private nonfarm employment	86.48	78.99	65.85
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	1.39
Construction	5.47	5.77	4.65
Manufacturing	6.73	3.01	N/A
Wholesale trade	3.20	2.20	0.68
Retail trade	9.62	10.01	11.97
Transportation and warehousing	4.66	2.95	3.87
Information	1.72	1.37	0.49
Finance and insurance	5.18	3.23	3.11
Real estate and rental and leasing	4.73	3.75	1.97
Professional, scientific, and technical services	7.08	7.32	2.55
Management of companies and enterprises	1.33	0.58	N/A
Administrative and waste management services	6.21	5.16	N/A
Educational services	2.38	1.52	0.27
Health care and social assistance	11.27	12.16	9.66
Arts, entertainment, and recreation	2.33	2.33	N/A
Accommodation and food services	7.51	8.53	N/A
Other services, except public administration	5.61	5.05	4.82
Government and government enterprises	12.23	18.44	20.58
Federal, civilian	1.42	2.59	0.73
Military	0.96	1.58	0.51
State and local	9.85	14.27	19.34
State government	2.69	5.12	7.32
Local government	7.16	9.15	12.02
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: Quay Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	72.09	72.13	71.13	71.31	70.98
Proprietors employment	27.91	27.87	28.87	28.69	29.02
Farm proprietors employment	10.86	11.07	11.23	11.10	10.92
Nonfarm proprietors employment	17.05	16.80	17.64	17.58	18.10
By industry					
Farm employment	13.22	13.72	14.24	13.79	13.57
Nonfarm employment	86.78	86.28	85.76	86.21	86.43
Private nonfarm employment	63.87	63.29	64.37	65.08	65.85
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.50	N/A	N/A	N/A	N/A
Utilities	0.67	0.70	1.36	1.30	1.39
Construction	5.12	4.49	4.86	4.94	4.65
Manufacturing	1.53	N/A	N/A	N/A	N/A
Wholesale trade	1.48	1.19	0.79	0.71	0.68
Retail trade	12.46	12.16	11.05	12.18	11.97
Transportation and warehousing	3.97	4.15	3.75	3.84	3.87
Information	0.48	0.44	0.49	0.54	0.49
Finance and insurance	3.04	3.11	3.60	3.18	3.11
Real estate and rental and leasing	1.79	1.82	2.17	1.93	1.97
Professional, scientific, and technical services	2.15	2.09	2.20	2.37	2.55
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	N/A	0.44	0.35	0.27	0.27
Health care and social assistance	N/A	8.64	8.78	9.32	9.66
Arts, entertainment, and recreation	0.93	0.68	0.94	0.81	N/A
Accommodation and food services	12.77	12.67	12.73	12.55	N/A
Other services, except public administration	5.33	5.22	5.30	4.96	4.82
Government and government enterprises	22.91	22.99	21.39	21.13	20.58
Federal, civilian	1.05	0.75	0.76	0.73	0.73
Military	0.55	0.53	0.54	0.51	0.51
State and local	21.31	21.70	20.08	19.88	19.34
State government	8.90	9.18	7.65	7.85	7.32
Local government	12.41	12.53	12.44	12.03	12.02
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