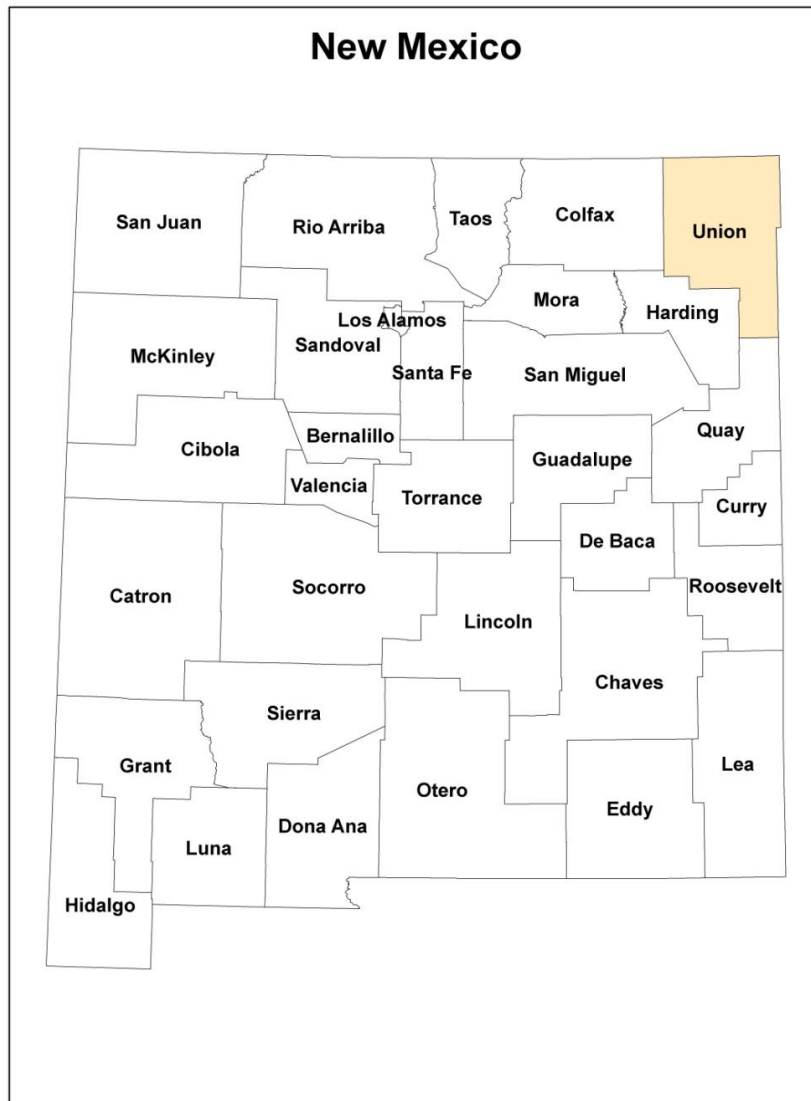


The Economic Base of Union County, NM

**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:

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

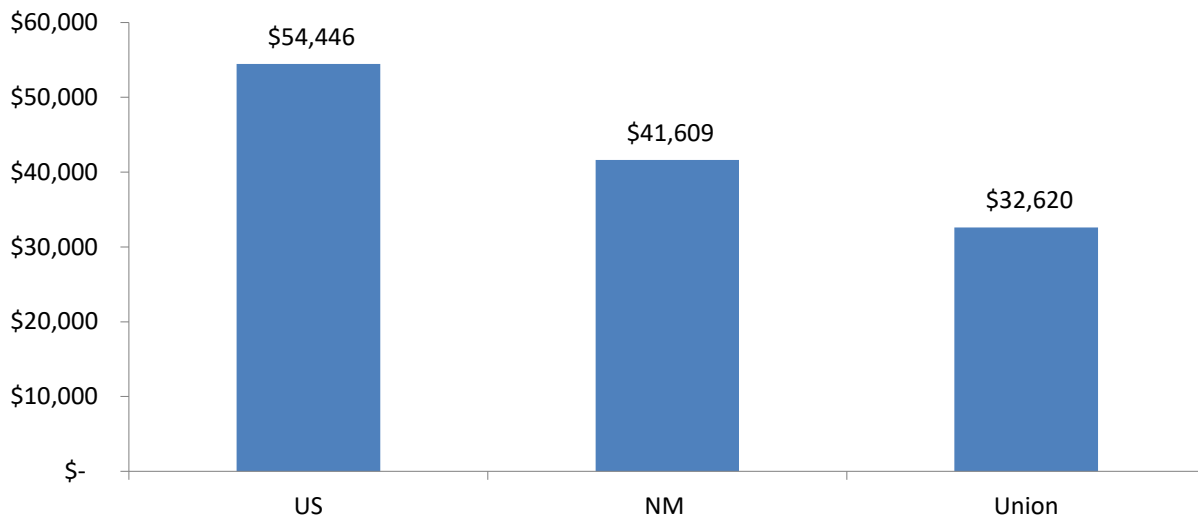
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

Union County, New Mexico

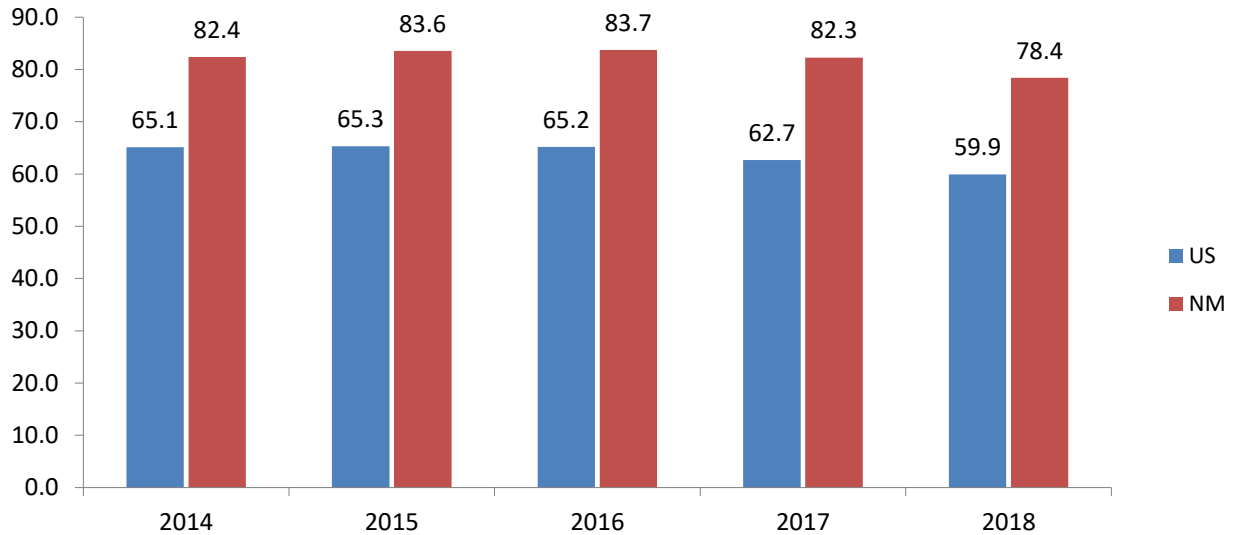
Union County is located in the northeast corner of New Mexico and contains 3,823.74 square miles, or 3.15 percent of the land area in New Mexico. The population of Union County in 2018 was 4,118, accounting for 0.20 percent of the state total and ranked 30th among New Mexico's counties. The Town of Clayton, with a population of 2,721 in 2018, contained 66.08 percent of Union County's population. Between 2014 and 2018, Union County's population decreased by 3.06 percent, while New Mexico's population increased by 0.24 percent and the nation's population increased by 2.76 percent.

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



Union County's per capita personal income was \$32,620 in 2018. Per capita income for Union County in 2018 was 78.40 percent of the corresponding state figure of \$41,609 and 59.91 percent of the national average \$54,446 (See Figure 2). Between 2014 and 2018, per capita income growth rate of Union County increased by 6.50 percent compared to the state and national growth rates of 11.91 percent and 15.70 percent, respectively.

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



Total employment in Union County was 2,330 in 2018. Total employment in Union County decreased by 1.02 percent between 2014 and 2018, a rate of growth lower than the 2.93 percent employment growth experienced by the state and the 7.79 percent employment growth experienced by the nation. In 2018, the Union County employment to population ratio was 0.57 compared to New Mexico's employment to population ratio of 0.53 and the nation's ratio of 0.61.

Data on employment by industry for Union County is somewhat limited as the BEA does not disclose certain data for industries with few competing businesses due to confidentiality requirements. Also, those industries with fewer than 10 total employees are not disclosed. For both of these cases, however, industries data are included in annual countywide totals.

The Private sector employed 67.77 percent of all workers in Union County in 2018, while Farm employment accounted for 18.15 percent and Government and Government Enterprises accounted for 14.08 percent of the total. The industry with the highest percentage of total employment was Retail Trade with 8.67 percent of total employment. Local government was the largest employer in the public sector, accounting for 10.04 percent of total employment, while Federal/civilian and State governments each accounted for 1.89 and 1.76 percent of the total, respectively. Union County employment by sector is displayed in Table 1.

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

Table 2 contains Location Quotients for Union County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Union County from 2014 to 2018 calculated with respect to the state of New Mexico. In this analysis, a basic industry is defined as an industry with an LQ greater than 1.0 with respect to the U.S. employment. Sectors with LQs greater than 1.0 have been shaded.

Agriculture is important to the economic base of Union County as indicated by the 14.00 LQ for Farm employment. The LQ for Farm employment has exceeded 12.27 in years considered. The Information sector can also be considered a basic industry in Union county with an LQ of 1.29 in 2018.

The entry labeled Government and Government Enterprises is not a separate industry, but merely the aggregate of the other government categories. The only government sectors with LQs higher than 1.0 in 2018 were Federal/civilian and Local government employment. The LQ for Federal/civilian employment was 1.33 in 2018 and was higher than 1.19 in all years considered, reflecting the employment base of the USDA Rural Development Office, located in Clayton. Federal/civilian employment is therefore considered a basic economic activity in Union County. Although the LQ for local government was 1.40 in 2018, 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 Union County will be considered as a non-basic industry.

The data for 2018 suggest that in Union County, the following industries are to be considered basic:

1. Farm employment, accounted for 423 jobs.
3. Federal/civilian employment, accounted for 44 jobs.
4. Information, accounted for 52 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 Union County by basic sector employment. In the case of Union County, the multiplier is equal to 4.49 (2,330/519).

This ratio suggests that the addition of each basic sector job in Union County would be associated with an additional 4.49 non-basic sector jobs. The export base multiplier (4.49) calculated above reinforces the importance of basic (exporting) industries to the Union County economy. In general terms, this employment multiplier is not to be compared to employment multipliers included in economic impact analysis tools including RIMS, REMI, and IMPLAN.

Local economic development policy actions such as the creation of industrial parks, tax abatement and financing, and workforce development projects are often used by local communities to expand an area's economic base. The development of a community economic development plan is to include the appropriate combination of policies, which often result from public and private sector interaction.

Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for economic data and the U.S. Census for population data. From 2017 to 2018, the population of Union County decreased by 1.67 percent from a population of 4,188 in 2017 to 4,118 in 2018. Per capita income increased by 0.31 percent from 2017 to 2018 from \$32,519 to \$32,620. Total employment decreased by 1.44 percent from 2017 to 2018, with a loss of 34 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Union Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1563	1563	1575	1554	1509
Proprietors employment	791	818	815	810	821
Farm proprietors employment	301	306	305	308	303
Nonfarm proprietors employment 2/	490	512	510	502	518
By industry					
Farm employment	410	426	439	429	423
Nonfarm employment	1944	1955	1951	1935	1907
Private nonfarm employment	1596	1617	1627	1607	1579
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	49	38	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	52	47	N/A	N/A	N/A
Retail trade	190	198	214	196	202
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	49	50	50	52	52
Finance and insurance	N/A	N/A	N/A	99	93
Real estate and rental and leasing	N/A	N/A	N/A	13	14
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	10	12	N/A	N/A	N/A
Health care and social assistance	220	209	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	18	26	31	32
Accommodation and food services	N/A	170	167	172	165
Other services, except public administration	118	132	114	106	106
Government and government enterprises	348	338	324	328	328
Federal, civilian	48	42	42	42	44
Military	10	9	9	9	9
State and local	290	287	273	277	275
State government	54	54	47	42	41
Local government	236	233	226	235	234
Total employment	2,354	2,381	2,390	2,364	2,330

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

Table 2: Location Quotients for Union (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.85	0.85	0.85	0.85	0.84
Proprietors employment	1.51	1.53	1.52	1.50	1.53
Farm proprietors employment	12.94	13.37	13.57	14.23	14.58
Nonfarm proprietors employment	0.98	1.00	0.99	0.97	1.00
By industry					
Farm employment	12.27	12.87	13.46	13.63	14.00
Nonfarm employment	0.84	0.83	0.83	0.83	0.83
Private nonfarm employment	0.79	0.79	0.79	0.79	0.78
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	2.73	2.40	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	0.61	0.55	N/A	N/A	N/A
Retail trade	0.80	0.83	0.90	0.84	0.90
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	1.17	1.21	1.20	1.27	1.29
Finance and insurance	N/A	N/A	N/A	0.80	0.77
Real estate and rental and leasing	N/A	N/A	N/A	0.12	0.13
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.18	0.21	N/A	N/A	N/A
Health care and social assistance	0.84	0.78	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	0.34	0.48	0.57	0.59
Accommodation and food services	N/A	0.97	0.94	0.97	0.94
Other services, except public administration	0.86	0.94	0.83	0.80	0.81
Government and government enterprises	1.14	1.12	1.08	1.12	1.15
Federal, civilian	1.36	1.19	1.19	1.22	1.33
Military	0.40	0.37	0.38	0.39	0.40
State and local	1.19	1.18	1.13	1.17	1.20
State government	0.80	0.81	0.71	0.65	0.65
Local government	1.34	1.33	1.29	1.37	1.40
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 Union (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.84	0.83	0.84	0.84	0.83
Proprietors employment	1.58	1.62	1.61	1.60	1.64
Farm proprietors employment	6.43	6.50	6.48	6.65	6.83
Nonfarm proprietors employment	1.08	1.12	1.11	1.09	1.13
By industry					
Farm employment	6.66	6.73	6.72	6.86	7.06
Nonfarm employment	0.85	0.84	0.84	0.84	0.84
Private nonfarm employment	0.87	0.87	0.87	0.87	0.86
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	0.70	0.57	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	0.83	0.76	N/A	N/A	N/A
Retail trade	0.77	0.79	0.86	0.82	0.87
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	1.43	1.47	1.43	1.56	1.63
Finance and insurance	N/A	N/A	N/A	1.29	1.24
Real estate and rental and leasing	N/A	N/A	N/A	0.15	0.16
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.28	0.32	N/A	N/A	N/A
Health care and social assistance	0.81	0.74	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	0.34	0.49	0.57	0.59
Accommodation and food services	N/A	0.86	0.83	0.85	0.83
Other services, except public administration	0.98	1.08	0.94	0.89	0.90
Government and government enterprises	0.76	0.74	0.71	0.74	0.76
Federal, civilian	0.75	0.66	0.65	0.67	0.73
Military	0.26	0.25	0.24	0.24	0.25
State and local	0.82	0.81	0.77	0.81	0.83
State government	0.42	0.42	0.37	0.34	0.34
Local government	1.05	1.03	1.00	1.07	1.10
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: Union, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	1,509	64.76
Proprietors employment	821	35.24
Farm proprietors employment	303	13.00
Nonfarm proprietors employment	518	22.23
By industry		
Farm employment	423	18.15
Nonfarm employment	1,907	81.85
Private nonfarm employment	1,579	67.77
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	N/A	N/A
Construction	N/A	N/A
Manufacturing	N/A	N/A
Wholesale trade	N/A	N/A
Retail trade	202	8.67
Transportation and warehousing	N/A	N/A
Information	52	2.23
Finance and insurance	93	3.99
Real estate and rental and leasing	14	0.60
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	N/A	N/A
Educational services	N/A	N/A
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	32	1.37
Accommodation and food services	165	7.08
Other services, except public administration	106	4.55
Government and government enterprises	328	14.08
Federal, civilian	44	1.89
Military	9	0.39
State and local	275	11.80
State government	41	1.76
Local government	234	10.04
Total employment	2,330	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: Union, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Union
By type			
Wage and salary employment	76.90	78.49	64.76
Proprietors employment	23.10	21.51	35.24
Farm proprietors employment	0.89	1.90	13.00
Nonfarm proprietors employment	22.21	19.61	22.23
By industry			
Farm employment	1.30	2.57	18.15
Nonfarm employment	98.70	97.43	81.85
Private nonfarm employment	86.48	78.99	67.77
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	N/A
Construction	5.47	5.77	N/A
Manufacturing	6.73	3.01	N/A
Wholesale trade	3.20	2.20	N/A
Retail trade	9.62	10.01	8.67
Transportation and warehousing	4.66	2.95	N/A
Information	1.72	1.37	2.23
Finance and insurance	5.18	3.23	3.99
Real estate and rental and leasing	4.73	3.75	0.60
Professional, scientific, and technical services	7.08	7.32	N/A
Management of companies and enterprises	1.33	0.58	0.00
Administrative and waste management services	6.21	5.16	N/A
Educational services	2.38	1.52	N/A
Health care and social assistance	11.27	12.16	N/A
Arts, entertainment, and recreation	2.33	2.33	1.37
Accommodation and food services	7.51	8.53	7.08
Other services, except public administration	5.61	5.05	4.55
Government and government enterprises	12.23	18.44	14.08
Federal, civilian	1.42	2.59	1.89
Military	0.96	1.58	0.39
State and local	9.85	14.27	11.80
State government	2.69	5.12	1.76
Local government	7.16	9.15	10.04
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: Union Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	66.40	65.64	65.90	65.74	64.76
Proprietors employment	33.60	34.36	34.10	34.26	35.24
Farm proprietors employment	12.79	12.85	12.76	13.03	13.00
Nonfarm proprietors employment	20.82	21.50	21.34	21.24	22.23
By industry					
Farm employment	17.42	17.89	18.37	18.15	18.15
Nonfarm employment	82.58	82.11	81.63	81.85	81.85
Private nonfarm employment	67.80	67.91	68.08	67.98	67.77
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	2.05	1.61	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	2.21	1.97	N/A	N/A	N/A
Retail trade	8.07	8.32	8.95	8.29	8.67
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	2.08	2.10	2.09	2.20	2.23
Finance and insurance	N/A	N/A	N/A	4.19	3.99
Real estate and rental and leasing	N/A	N/A	N/A	0.55	0.60
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A
Educational services	0.42	0.50	N/A	N/A	N/A
Health care and social assistance	9.35	8.78	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	0.76	1.09	1.31	1.37
Accommodation and food services	N/A	7.14	6.99	7.28	7.08
Other services, except public administration	5.01	5.54	4.77	4.48	4.55
Government and government enterprises	14.78	14.20	13.56	13.87	14.08
Federal, civilian	2.04	1.76	1.76	1.78	1.89
Military	0.42	0.38	0.38	0.38	0.39
State and local	12.32	12.05	11.42	11.72	11.80
State government	2.29	2.27	1.97	1.78	1.76
Local government	10.03	9.79	9.46	9.94	10.04
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