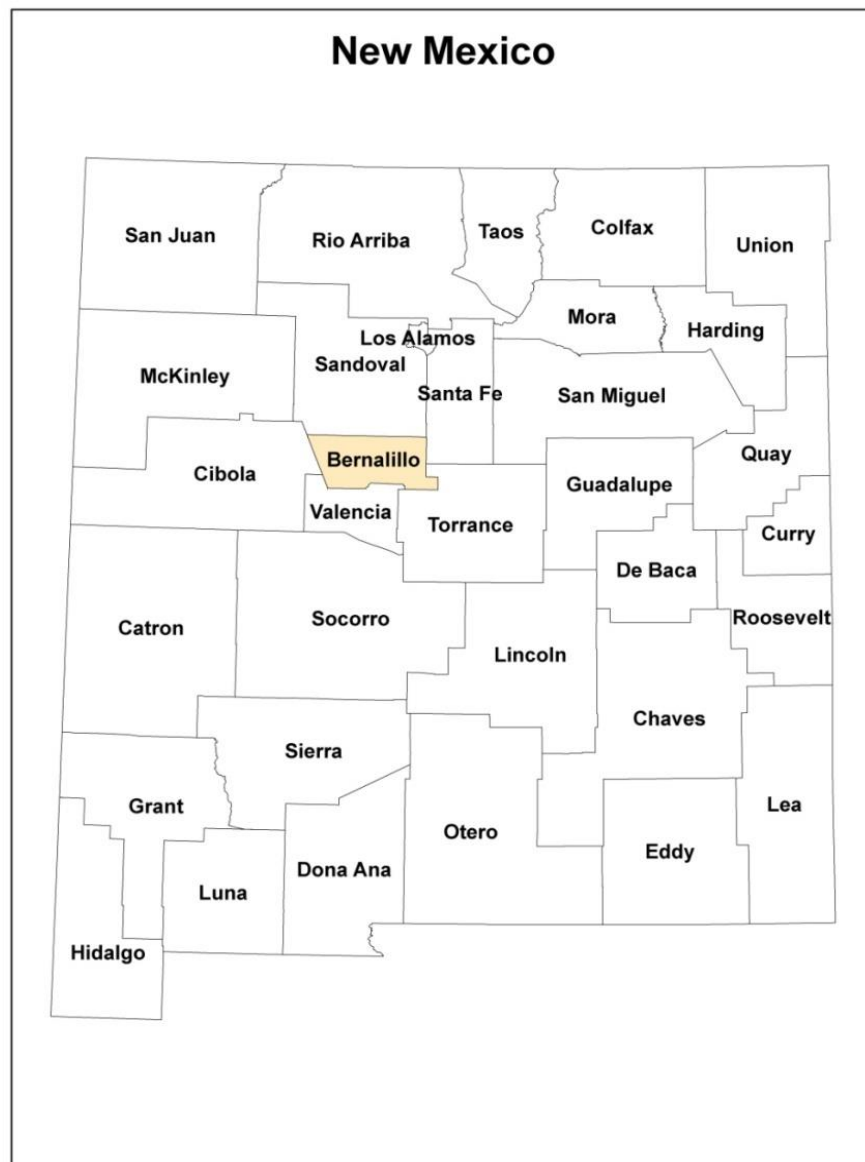


The Economic Base of Bernalillo County, NM

**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 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, a 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, state or national. 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 for industries within Bernalillo County with national employment as 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 (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.

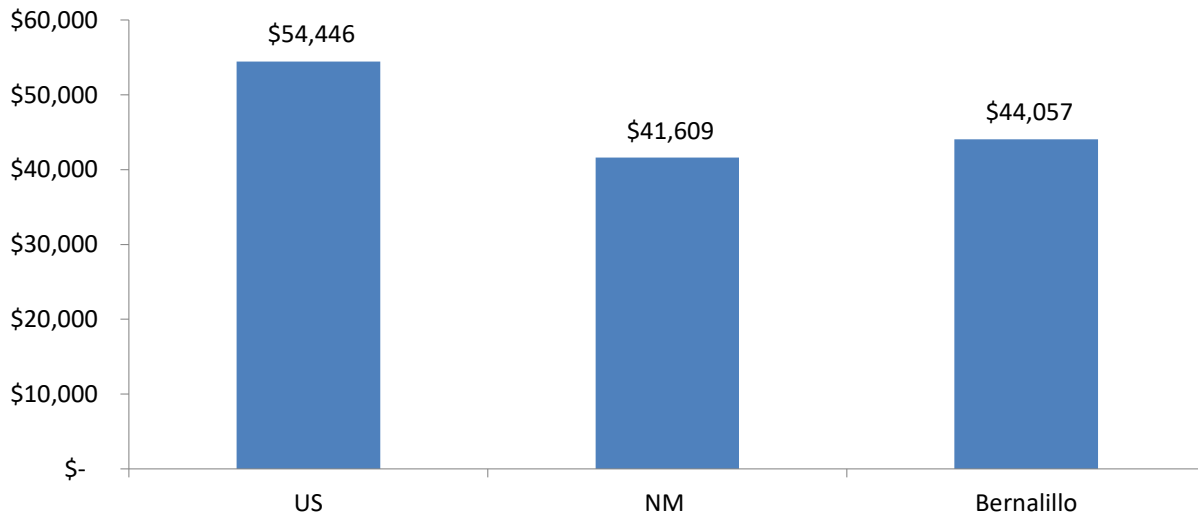
Bernalillo County, New Mexico

Bernalillo County is located in central New Mexico and contains 1,160.83 square miles, or 0.96 percent of the land area in New Mexico. Bernalillo County is the second to smallest

county in the state in terms of land area. The population for Bernalillo County in 2018 was 678,701, making Bernalillo County the county with the largest population in the state of New Mexico with 32.39 percent of the state’s total population. Between 2014 and 2018, Bernalillo County’s population increased by 0.37 percent, while New Mexico’s population increased by 0.24 percent and the nation’s population increased by 2.76 percent during the same period. According to the 2018 U.S Census Bureau population estimates, the City of Albuquerque contained 82.5 percent of Bernalillo County’s population with a population of 560,234 in 2018. The City of Albuquerque is the most populated city in New Mexico, containing 26.74 percent of the state’s population. Bernalillo County is one of the four counties in the Albuquerque Metropolitan Statistical Area (MSA). The other three counties in the Albuquerque MSA are Sandoval, Torrance, and Valencia.

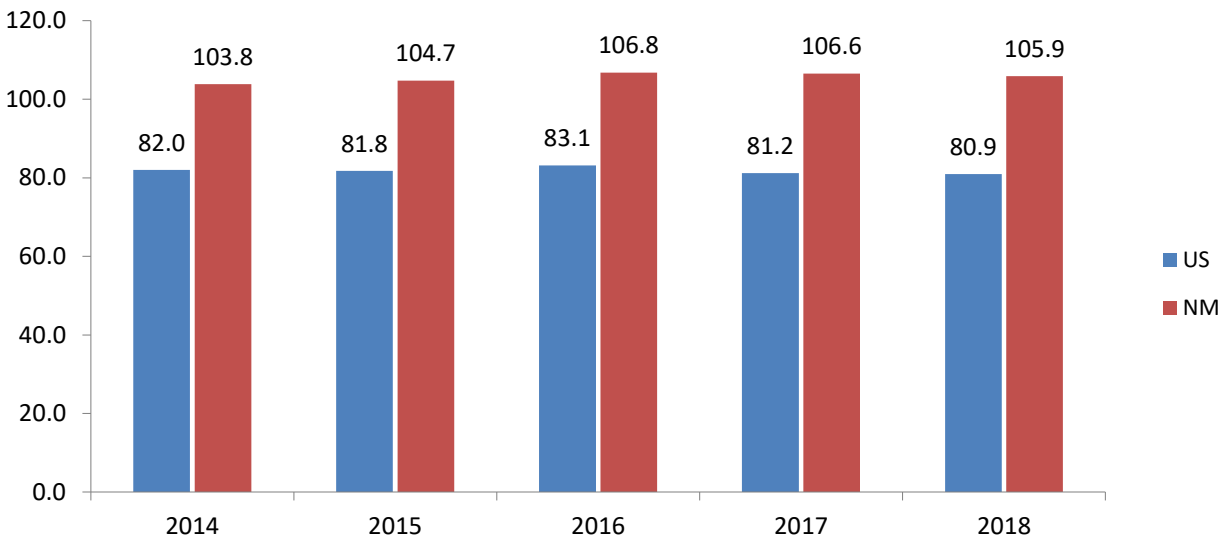
In 2018, per capita personal income in Bernalillo County was \$44,057. Per capita income for Bernalillo County in 2018 was 105.88 percent of the corresponding state figure of \$41,609 and 80.92 percent of the national average of \$54,446 (See Figures 1 and 2).

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



The 14.16 percentage rate of growth in per capita income for Bernalillo County between 2014 and 2018 was significantly higher compared to the state percent growth of 11.91 percent and also the nation’s per capita income percent growth of 15.70 percent.

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



Total employment in Bernalillo County in 2018 was 433,196. Between 2014 and 2018, total employment in Bernalillo County increased by 5.35 percent, an increase higher than the state figure which increased by 2.93 percent and lower than the national figure which increased by 7.79 percent. The Bernalillo County employment to population ratio for 2018 was 0.64. The county had a higher employment to population ratio compared to New Mexico (0.53) and the United States (0.61) reflecting commuting workers mainly from other counties in the Albuquerque MSA.

In 2018, 82.58 percent of all employment in Bernalillo County was in the private sector, while Government and Government Enterprises accounted for 17.18 percent and Farm employment accounted for 0.23 percent of total public sector employment. State and Local government were the largest employers in the public sector at 5.98 percent and a 6.82 percent of total public sector employment, respectively. Federal/civilian employment accounted for 3.19 percent and Military for 1.19 percent of the total public sector employment. In the private sector, the highest percentages of total employment included: Healthcare and Social Assistance (12.85 percent), Professional Scientific and Technical Services (9.56 percent), and Retail Trade (9.71 percent). Bernalillo County employment by sector is displayed in Table 1.

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

Table 2 contains LQs for Bernalillo County from 2014 to 2018 calculated using data for the United States as basis for comparison. Table 3 contains LQs for Bernalillo 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 a basic industry. Sectors with LQs greater than 1.0 have been shaded.

Within the private sector, Professional Scientific and Technical services is considered a basic economic activity in Bernalillo County with an LQ of 1.35 in 2018 and LQs greater than 1.33 in all five years considered. These LQs are in part due to the high level of employment at Sandia National Laboratories, a government-owned and contractor-operated technical laboratory located in southeast Albuquerque. In 2018, the Professional Scientific and Technical services sector accounted for 41,424 jobs. The Information sector had a LQ of 1.20 in 2018 and LQs greater than 1.20 in all years considered. In 2018, this sector accounted for 8,981 jobs in the county. The Construction sector had an LQ of 1.08 in 2018, accounting for 25,619 jobs. The LQs in the Construction sector for all years considered were above 1.06.

With an LQ of 1.12 in 2018, the Accommodation and Food Services industry was considered a basic economic activity for Bernalillo County reflecting the leisure industry base of Albuquerque and its surrounding areas. The Accommodation and Food Services sector accounted for 36,310 total jobs in 2018. Other private sectors with LQs above 1.0 in 2018 include Healthcare and Social Assistance (1.14) and Retail Trade (1.01). However, given that these industries are providing support to previously mentioned basic industries, they are considered as non-basic or support industries.

For the public sector, the entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. In 2018, Military and Federal/civilian employment had LQs of 1.24 and 2.25, respectively, and both are considered basic industries for Bernalillo County. These LQs partly reflect the level of employment base of Kirtland Air Force base, located in southeastern Albuquerque. Sandia National Laboratories, National Security Initiatives, and Federally Funded Research and Development Center (FFRDC) also contribute to federal/civilian employment. State government employment for Bernalillo

County is considered a basic economic activity. In 2018, State government employment had an LQ of 2.22 due to the large employment base of the University of New Mexico, located in downtown Albuquerque, which exports research and educational services.

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

1. Professional Scientific and Technical services, accounted for 41,424 jobs.
2. Information, accounted for 8,981 jobs.
3. Construction, accounted for 25,619 jobs.
4. Accommodation and Food Services, accounted for 36,310 jobs.
5. Federal government employment, including 13,840 Federal/civilian jobs and 5,157 Military jobs, accounted for a total of 18,997 jobs.
6. State government employment, accounted for 25,903 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment by total employment in the basic sectors. In Bernalillo County, the multiplier is equal to 2.76 (433,196/157,234). This ratio suggests that any additional basic sector job in Bernalillo County would be associated with additional 2.76 non-basic sector jobs. The export base multiplier (2.76) calculated above reinforces the importance of basic (exporting) industries to the economy of Bernalillo 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. 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 county population data. Between 2017 and 2018 the population of

Bernalillo County grew by 0.00 percent with a population of 678,686 in 2017 to 678,701 in 2018. The per capita personal income in the county increased by 4.62 percent from \$42,112 in 2017 to \$44,057 in 2018. Total employment increased by 1.15 percent (4,929 jobs) from 428,267 jobs in 2017 to 433,196 jobs in 2018. Basic industries remained the same as the previous year, with no substantial differences.

Tables 1 to 10 appear on pages 8-17

Table 1: Bernalillo Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	342267	346932	353795	355615	358629
Proprietors employment	68929	69317	69847	72652	74567
Farm proprietors employment	877	873	872	869	858
Nonfarm proprietors employment 2/	68052	68444	68975	71783	73709
By industry					
Farm employment	1015	1025	1042	1022	1010
Nonfarm employment	410181	415224	422600	427245	432186
Private nonfarm employment	337117	341794	347866	352772	357742
Forestry, fishing, and related activities	292	293	298	332	365
Mining	1556	1610	1704	1466	1440
Utilities	835	854	964	1010	1024
Construction	22546	22863	24174	25322	25619
Manufacturing	14071	14256	14435	14173	14482
Wholesale trade	13481	13480	12773	12823	12663
Retail trade	42662	42894	42614	42066	42072
Transportation and warehousing	8853	9331	9692	11199	12094
Information	8834	9059	9626	9370	8981
Finance and insurance	16743	16974	17671	18224	18517
Real estate and rental and leasing	16425	16724	17061	17529	18199
Professional, scientific, and technical services	38172	38828	39447	40707	41424
Management of companies and enterprises	3450	3628	3863	3,891	4108
Administrative and waste management services	26375	25553	25490	26053	26263
Educational services	8025	7949	7764	7664	7719
Health care and social assistance	52032	53580	55609	55395	55677
Arts, entertainment, and recreation	8879	8977	9158	9565	9869
Accommodation and food services	33619	34607	35114	35499	36310
Other services, except public administration	20267	20334	20409	20484	20916
Government and government enterprises	73064	73430	74734	74473	74444
Federal, civilian	13769	13788	13957	14001	13840
Military	5263	5017	5080	5108	5157
State and local	54032	54625	55697	55364	55447
State government	24274	24990	26149	25850	25903
Local government	29758	29635	29548	29514	29544
Total employment	411,196	416,249	423,642	428,267	433,196

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

Table 2: Location Quotients for Bernalillo (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.07	1.07	1.08	1.08	1.08
Proprietors employment	0.75	0.74	0.73	0.74	0.75
Farm proprietors employment	0.22	0.22	0.22	0.22	0.22
Nonfarm proprietors employment	0.78	0.77	0.76	0.76	0.77
By industry					
Farm employment	0.17	0.18	0.18	0.18	0.18
Nonfarm employment	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	0.96	0.96	0.95	0.95	0.95
Forestry, fishing, and related activities	0.14	0.15	0.15	0.16	0.17
Mining	0.44	0.47	0.54	0.51	0.49
Utilities	0.65	0.65	0.71	0.79	0.80
Construction	1.07	1.06	1.07	1.10	1.08
Manufacturing	0.49	0.50	0.50	0.49	0.50
Wholesale trade	0.91	0.90	0.90	0.91	0.91
Retail trade	1.03	1.03	1.01	1.00	1.01
Transportation and warehousing	0.64	0.62	0.60	0.60	0.60
Information	1.20	1.25	1.30	1.26	1.20
Finance and insurance	0.79	0.79	0.79	0.82	0.83
Real estate and rental and leasing	0.88	0.88	0.88	0.88	0.89
Professional, scientific, and technical services	1.34	1.33	1.33	1.35	1.35
Management of companies and enterprises	0.66	0.68	0.68	0.70	0.71
Administrative and waste management services	1.02	0.99	0.97	0.98	0.98
Educational services	0.81	0.79	0.76	0.75	0.75
Health care and social assistance	1.13	1.15	1.16	1.15	1.14
Arts, entertainment, and recreation	0.95	0.97	0.96	0.97	0.98
Accommodation and food services	1.12	1.13	1.11	1.10	1.12
Other services, except public administration	0.85	0.83	0.84	0.85	0.86
Government and government enterprises	1.38	1.39	1.40	1.40	1.41
Federal, civilian	2.23	2.24	2.24	2.25	2.25
Military	1.21	1.17	1.20	1.22	1.24
State and local	1.27	1.29	1.30	1.30	1.30
State government	2.06	2.14	2.23	2.21	2.22
Local government	0.97	0.97	0.95	0.95	0.95
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 Bernalillo (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.06	1.06	1.06	1.06	1.05
Proprietors employment	0.79	0.78	0.78	0.79	0.80
Farm proprietors employment	0.11	0.11	0.10	0.10	0.10
Nonfarm proprietors employment	0.86	0.85	0.85	0.86	0.87
By industry					
Farm employment	0.09	0.09	0.09	0.09	0.09
Nonfarm employment	1.02	1.02	1.03	1.02	1.02
Private nonfarm employment	1.05	1.05	1.05	1.05	1.05
Forestry, fishing, and related activities	0.14	0.14	0.13	0.14	0.15
Mining	0.11	0.12	0.14	0.12	0.11
Utilities	0.48	0.48	0.51	0.56	0.58
Construction	1.00	1.00	1.04	1.05	1.03
Manufacturing	1.09	1.09	1.12	1.12	1.11
Wholesale trade	1.23	1.24	1.30	1.32	1.33
Retail trade	0.99	0.98	0.97	0.97	0.97
Transportation and warehousing	0.90	0.90	0.94	0.96	0.95
Information	1.48	1.52	1.55	1.55	1.51
Finance and insurance	1.27	1.29	1.28	1.31	1.32
Real estate and rental and leasing	1.11	1.11	1.10	1.11	1.12
Professional, scientific, and technical services	1.32	1.31	1.31	1.31	1.31
Management of companies and enterprises	1.61	1.62	1.57	1.62	1.63
Administrative and waste management services	1.28	1.26	1.22	1.18	1.18
Educational services	1.27	1.23	1.18	1.15	1.17
Health care and social assistance	1.10	1.08	1.07	1.05	1.06
Arts, entertainment, and recreation	0.97	0.97	0.98	0.97	0.98
Accommodation and food services	1.00	1.01	0.98	0.97	0.98
Other services, except public administration	0.97	0.96	0.95	0.95	0.96
Government and government enterprises	0.92	0.92	0.92	0.93	0.93
Federal, civilian	1.23	1.24	1.23	1.23	1.23
Military	0.78	0.78	0.76	0.75	0.76
State and local	0.88	0.88	0.89	0.89	0.90
State government	1.09	1.11	1.15	1.15	1.17
Local government	0.76	0.75	0.74	0.74	0.75
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: Bernalillo, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	358,629	82.79
Proprietors employment	74,567	17.21
Farm proprietors employment	858	0.20
Nonfarm proprietors employment	73,709	17.02
By industry		
Farm employment	1,010	0.23
Nonfarm employment	432,186	99.77
Private nonfarm employment	357,742	82.58
Forestry, fishing, and related activities	365	0.08
Mining	1,440	0.33
Utilities	1,024	0.24
Construction	25,619	5.91
Manufacturing	14,482	3.34
Wholesale trade	12,663	2.92
Retail trade	42,072	9.71
Transportation and warehousing	12,094	2.79
Information	8,981	2.07
Finance and insurance	18,517	4.27
Real estate and rental and leasing	18,199	4.20
Professional, scientific, and technical services	41,424	9.56
Management of companies and enterprises	4,108	0.95
Administrative and waste management services	26,263	6.06
Educational services	7,719	1.78
Health care and social assistance	55,677	12.85
Arts, entertainment, and recreation	9,869	2.28
Accommodation and food services	36,310	8.38
Other services, except public administration	20,916	4.83
Government and government enterprises	74,444	17.18
Federal, civilian	13,840	3.19
Military	5,157	1.19
State and local	55,447	12.80
State government	25,903	5.98
Local government	29,544	6.82
Total employment	433,196	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: Bernalillo, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Bernalillo
By type			
Wage and salary employment	76.90	78.49	82.79
Proprietors employment	23.10	21.51	17.21
Farm proprietors employment	0.89	1.90	0.20
Nonfarm proprietors employment	22.21	19.61	17.02
By industry			
Farm employment	1.30	2.57	0.23
Nonfarm employment	98.70	97.43	99.77
Private nonfarm employment	86.48	78.99	82.58
Forestry, fishing, and related activities	0.48	0.55	0.08
Mining	0.67	3.09	0.33
Utilities	0.29	0.41	0.24
Construction	5.47	5.77	5.91
Manufacturing	6.73	3.01	3.34
Wholesale trade	3.20	2.20	2.92
Retail trade	9.62	10.01	9.71
Transportation and warehousing	4.66	2.95	2.79
Information	1.72	1.37	2.07
Finance and insurance	5.18	3.23	4.27
Real estate and rental and leasing	4.73	3.75	4.20
Professional, scientific, and technical services	7.08	7.32	9.56
Management of companies and enterprises	1.33	0.58	0.95
Administrative and waste management services	6.21	5.16	6.06
Educational services	2.38	1.52	1.78
Health care and social assistance	11.27	12.16	12.85
Arts, entertainment, and recreation	2.33	2.33	2.28
Accommodation and food services	7.51	8.53	8.38
Other services, except public administration	5.61	5.05	4.83
Government and government enterprises	12.23	18.44	17.18
Federal, civilian	1.42	2.59	3.19
Military	0.96	1.58	1.19
State and local	9.85	14.27	12.80
State government	2.69	5.12	5.98
Local government	7.16	9.15	6.82
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: Bernalillo Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	83.24	83.35	83.51	83.04	82.79
Proprietors employment	16.76	16.65	16.49	16.96	17.21
Farm proprietors employment	0.21	0.21	0.21	0.20	0.20
Nonfarm proprietors employment	16.55	16.44	16.28	16.76	17.02
By industry					
Farm employment	0.25	0.25	0.25	0.24	0.23
Nonfarm employment	99.75	99.75	99.75	99.76	99.77
Private nonfarm employment	81.98	82.11	82.11	82.37	82.58
Forestry, fishing, and related activities	0.07	0.07	0.07	0.08	0.08
Mining	0.38	0.39	0.40	0.34	0.33
Utilities	0.20	0.21	0.23	0.24	0.24
Construction	5.48	5.49	5.71	5.91	5.91
Manufacturing	3.42	3.42	3.41	3.31	3.34
Wholesale trade	3.28	3.24	3.02	2.99	2.92
Retail trade	10.38	10.30	10.06	9.82	9.71
Transportation and warehousing	2.15	2.24	2.29	2.61	2.79
Information	2.15	2.18	2.27	2.19	2.07
Finance and insurance	4.07	4.08	4.17	4.26	4.27
Real estate and rental and leasing	3.99	4.02	4.03	4.09	4.20
Professional, scientific, and technical services	9.28	9.33	9.31	9.51	9.56
Management of companies and enterprises	0.84	0.87	0.91	0.91	0.95
Administrative and waste management services	6.41	6.14	6.02	6.08	6.06
Educational services	1.95	1.91	1.83	1.79	1.78
Health care and social assistance	12.65	12.87	13.13	12.93	12.85
Arts, entertainment, and recreation	2.16	2.16	2.16	2.23	2.28
Accommodation and food services	8.18	8.31	8.29	8.29	8.38
Other services, except public administration	4.93	4.89	4.82	4.78	4.83
Government and government enterprises	17.77	17.64	17.64	17.39	17.18
Federal, civilian	3.35	3.31	3.29	3.27	3.19
Military	1.28	1.21	1.20	1.19	1.19
State and local	13.14	13.12	13.15	12.93	12.80
State government	5.90	6.00	6.17	6.04	5.98
Local government	7.24	7.12	6.97	6.89	6.82
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