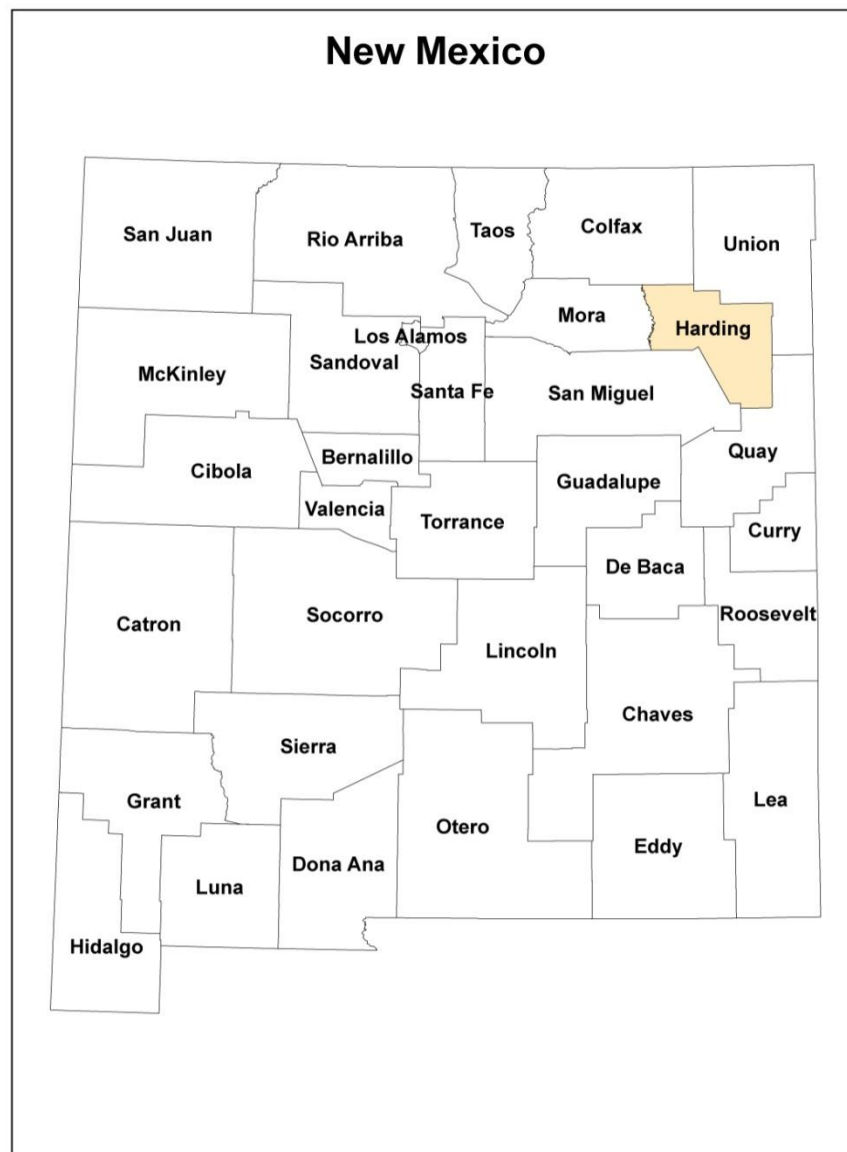


The Economic Base of Harding County, NM

**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 to better understand local and export product markets.

The specific purposes of economic base studies include:

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

According to economic base theory, any local economy may be divided into basic and non-basic industries. 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:

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

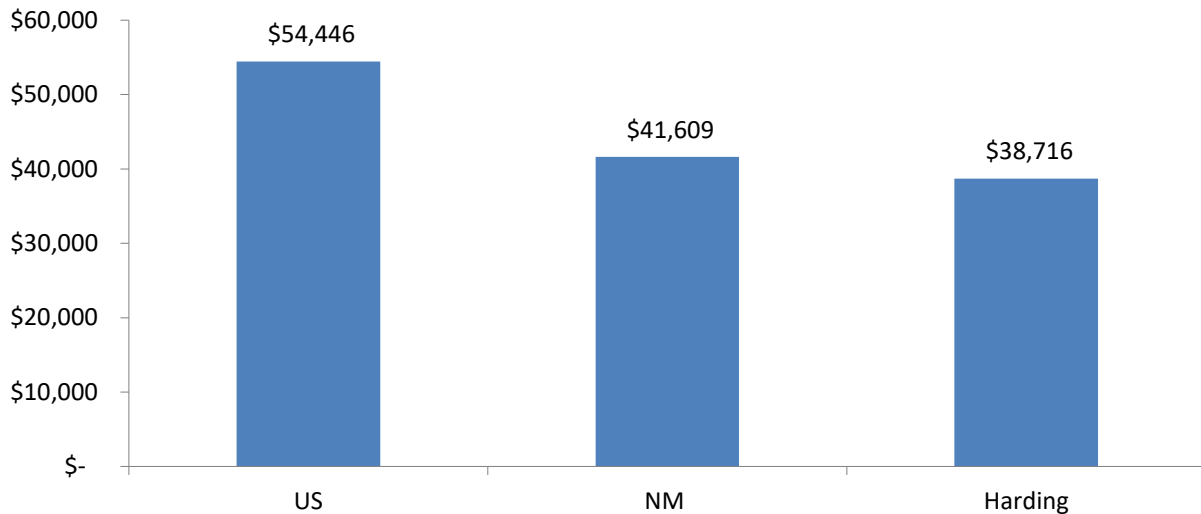
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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 the industries within Harding County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and the four years preceding (2014-2018). The economic data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Harding County, New Mexico

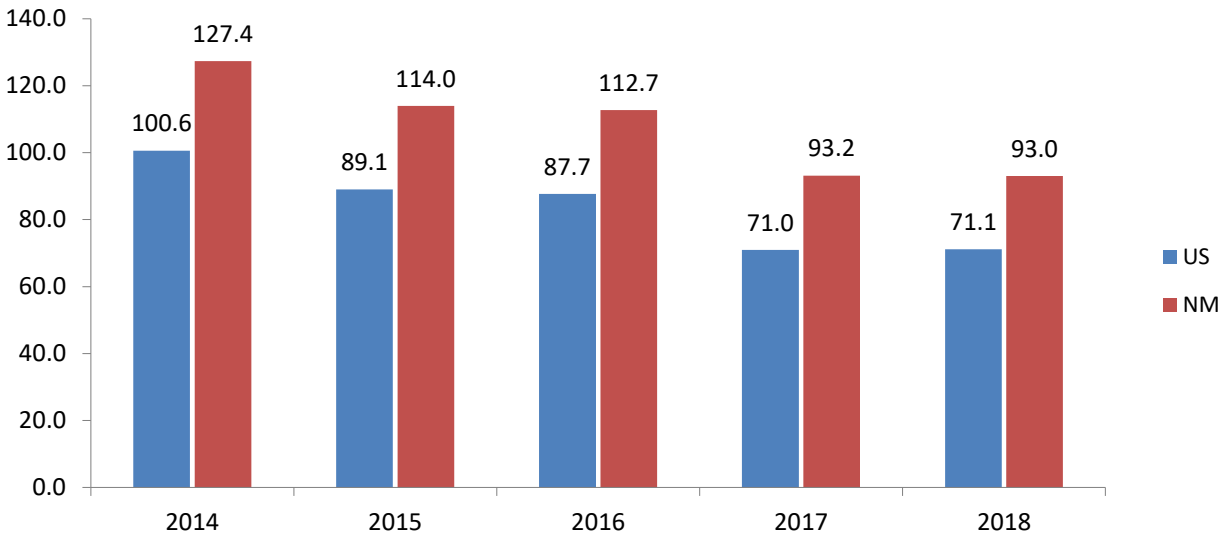
Harding County is located in north eastern New Mexico and contains 2,125.44 square miles, or 1.75 percent of the land area in New Mexico. The population for Harding County in 2018 was 655, or 0.03 percent of the state total, ranking 33rd as the least populated county in the state of New Mexico. Roy Village, with a population of 184 in 2018, represents 28.10 percent of Harding County’s population (U.S Census Bureau, 2018). Between 2014 and 2018, the population of Harding County decreased by 5.48 percent. During the period from 2014 to 2018, 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: Harding (2018)



Per capita personal income for Harding County in 2018 was \$38,716. Per capita income for Harding County was 93.05 percent of the corresponding state figure of \$41,609 and 71.11 percent of the national figure of \$54,446 (See Figure 1 and 2). Between 2014 and 2018, the growth rate of per capita income in Harding County declined by 18.24 percent. This growth rate was substantially lower compared to the state growth rate of 11.91 percent and the nation’s growth rate of 15.70 percent for the same period.

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



Total employment for Harding County in 2018 was 444, a decrease of 13.28 percent from 2014 to 2018. During the same period, the state experienced an increasing rate of employment of 2.93 percent while the nation experienced an increasing rate of 7.79 percent. In 2018, Harding County's employment to population ratio was 0.68. New Mexico's employment to population ratio was 0.53 and the national ratio was 0.61. Given the small population and limited number of establishments in Harding County, disaggregated data by industry for Harding County released from BEA is very limited. Also, data for industries with fewer than 10 employees are not released. In both cases, industry data are included in annual countywide totals.

In 2018, private sector employed 35.14 percent of all workers in Harding County, while Farm employment accounted for 44.82 percent and Government and Government Enterprises accounted for 20.05 percent of total employment. The industries in the private sector with the highest percentages of total employment included Forestry, Fishing, and Related Activities (6.31), Administration and Waste Services (1.58), and Transportation and Warehousing (1.35). State and Local government employment data were undisclosed for the years considered, while Federal/civilian employment accounted 2.70 percent of the total employment and Military

accounted for 0.45 percent of total employment. Employment for Harding County by sector is displayed in Table 1.

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

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

The Agricultural sector is defined here to include: Farm employment and employment in Forestry, Fisheries and Related Activities. The importance of agriculture to the economic base of Harding County is shown with the highest LQ in Farm employment, which was 34.55 in 2018. The LQs for Farm employment have exceeded 26.97 in all five years considered. Farm employment, mainly through ranching and livestock production, is considered a basic industry for Harding County. Forestry, Fisheries and Related Activities had an LQ of 13.06 in 2018 and is considered a basic industry in Harding County.

Mining, Transportation and Warehousing, and Real Estate and Rental and Leasing have each historically been considered basic industries in Harding County. However, from 2014 to 2018 these industries had LQs less than 1.0 with limited data disclosed for many of the private non-farm industries in Harding County. Utilities had an LQ of 2.30 in 2018. However, this industry is considered a non-basic industry in Harding County.

The entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. From the government sectors, Federal/civilian employment with an LQ of 1.90 is the only sector with an LQ higher than 1.0. Furthermore, this LQ reflects the employment base of the USDA National Finance Center located in the town of Roy. Thus, Federal/civilian employment is not considered a basic economic activity in Harding County.

The data for 2018 suggest the following industries to be considered basic in Harding County:

1. The Agricultural sector, which includes Farm employment (199) and Forestry, Fishing and Related Activities (28), accounted for 227 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment in Harding County by total employment in the basic sectors. In the case of Harding County, the multiplier is equal to 1.96 (444/227). This ratio suggests that the addition of each basic sector job in Harding County would be associated with additional 1.96 non-basic sector jobs. The export base multiplier (1.96) calculated above reinforces the importance of basic (exporting) industries to the economy of Harding 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 Harding County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

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

Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for the economic data and the U.S. Census Bureau for population data. Between 2017 and 2018, the population for Harding County decreased by 4.66 percent from 687 in 2017 to 655 in 2018. Per capita income increased by 5.15 percent from \$36,820 in 2017 to \$38,716 in 2018. Total employment increased by 0.45 percent between 2017 and 2018, an increase of 2 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Harding Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	243	206	205	197	199
Proprietors employment	269	275	258	245	245
Farm proprietors employment	168	170	170	170	168
Nonfarm proprietors employment 2/	101	105	88	75	77
By industry					
Farm employment	196	201	205	201	199
Nonfarm employment	316	280	258	241	245
Private nonfarm employment	207	180	160	150	156
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	28
Mining	N/A	N/A	1	1	1
Utilities	1	1	1	3	3
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	N/A	N/A	N/A	N/A	N/A
Transportation and warehousing	5	6	5	6	6
Information	0	0	0	0	0
Finance and insurance	N/A	1	1	0	0
Real estate and rental and leasing	7	7	N/A	N/A	2
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	1	7	7	7	7
Educational services	1	8	1	1	1
Health care and social assistance	4	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A
Accommodation and food services	N/A	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	109	100	98	91	89
Federal, civilian	16	12	13	12	12
Military	2	2	2	2	2
State and local	91	86	83	77	75
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
Total employment	512	481	463	442	444

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

Table 2: Location Quotients for Harding (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.61	0.55	0.57	0.58	0.58
Proprietors employment	2.36	2.55	2.48	2.43	2.39
Farm proprietors employment	33.21	36.78	39.05	42.01	42.43
Nonfarm proprietors employment	0.93	1.02	0.88	0.77	0.78
By industry					
Farm employment	26.97	30.06	32.46	34.15	34.55
Nonfarm employment	0.63	0.59	0.56	0.55	0.56
Private nonfarm employment	0.47	0.44	0.40	0.39	0.41
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	13.06
Mining	N/A	N/A	0.29	0.34	0.33
Utilities	0.63	0.66	0.67	2.26	2.30
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	N/A	N/A	N/A	N/A	N/A
Transportation and warehousing	0.29	0.34	0.28	0.31	0.29
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	0.04	0.04	0.00	0.00
Real estate and rental and leasing	0.30	0.32	N/A	N/A	0.10
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	0.03	0.24	0.24	0.26	0.25
Educational services	0.08	0.69	0.09	0.09	0.09
Health care and social assistance	0.07	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A
Accommodation and food services	N/A	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	1.65	1.64	1.68	1.66	1.64
Federal, civilian	2.08	1.69	1.91	1.87	1.90
Military	0.37	0.40	0.43	0.46	0.47
State and local	1.72	1.76	1.77	1.75	1.72
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
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 Harding (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.60	0.54	0.56	0.57	0.57
Proprietors employment	2.46	2.69	2.63	2.59	2.56
Farm proprietors employment	16.50	17.88	18.63	19.63	19.87
Nonfarm proprietors employment	1.02	1.13	0.99	0.87	0.88
By industry					
Farm employment	14.64	15.71	16.19	17.19	17.43
Nonfarm employment	0.63	0.60	0.57	0.56	0.57
Private nonfarm employment	0.52	0.48	0.44	0.43	0.44
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	11.43
Mining	N/A	N/A	0.07	0.08	0.07
Utilities	0.46	0.48	0.48	1.61	1.65
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	N/A	N/A	N/A	N/A	N/A
Transportation and warehousing	0.41	0.50	0.44	0.50	0.46
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	0.07	0.07	0.00	0.00
Real estate and rental and leasing	0.38	0.40	N/A	N/A	0.12
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	0.04	0.30	0.31	0.31	0.31
Educational services	0.13	1.07	0.14	0.15	0.15
Health care and social assistance	0.07	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A
Accommodation and food services	N/A	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	1.10	1.09	1.11	1.10	1.09
Federal, civilian	1.15	0.93	1.04	1.02	1.04
Military	0.24	0.27	0.28	0.29	0.29
State and local	1.19	1.20	1.21	1.20	1.18
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
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: Harding, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	199	44.82
Proprietors employment	245	55.18
Farm proprietors employment	168	37.84
Nonfarm proprietors employment	77	17.34
By industry		
Farm employment	199	44.82
Nonfarm employment	245	55.18
Private nonfarm employment	156	35.14
Forestry, fishing, and related activities	28	6.31
Mining	1	0.23
Utilities	3	0.68
Construction	N/A	N/A
Manufacturing	N/A	N/A
Wholesale trade	N/A	N/A
Retail trade	N/A	N/A
Transportation and warehousing	6	1.35
Information	0	0.00
Finance and insurance	0	0.00
Real estate and rental and leasing	2	0.45
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	7	1.58
Educational services	1	0.23
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A
Accommodation and food services	N/A	N/A
Other services, except public administration	N/A	N/A
Government and government enterprises	89	20.05
Federal, civilian	12	2.70
Military	2	0.45
State and local	75	16.89
State government	N/A	N/A
Local government	N/A	N/A
Total employment	444	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: Harding, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Harding
By type			
Wage and salary employment	76.90	78.49	44.82
Proprietors employment	23.10	21.51	55.18
Farm proprietors employment	0.89	1.90	37.84
Nonfarm proprietors employment	22.21	19.61	17.34
By industry			
Farm employment	1.30	2.57	44.82
Nonfarm employment	98.70	97.43	55.18
Private nonfarm employment	86.48	78.99	35.14
Forestry, fishing, and related activities	0.48	0.55	6.31
Mining	0.67	3.09	0.23
Utilities	0.29	0.41	0.68
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	N/A
Transportation and warehousing	4.66	2.95	1.35
Information	1.72	1.37	0.00
Finance and insurance	5.18	3.23	0.00
Real estate and rental and leasing	4.73	3.75	0.45
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	1.58
Educational services	2.38	1.52	0.23
Health care and social assistance	11.27	12.16	N/A
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	N/A
Government and government enterprises	12.23	18.44	20.05
Federal, civilian	1.42	2.59	2.70
Military	0.96	1.58	0.45
State and local	9.85	14.27	16.89
State government	2.69	5.12	N/A
Local government	7.16	9.15	N/A
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: Harding Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	47.46	42.83	44.28	44.57	44.82
Proprietors employment	52.54	57.17	55.72	55.43	55.18
Farm proprietors employment	32.81	35.34	36.72	38.46	37.84
Nonfarm proprietors employment	19.73	21.83	19.01	16.97	17.34
By industry					
Farm employment	38.28	41.79	44.28	45.48	44.82
Nonfarm employment	61.72	58.21	55.72	54.52	55.18
Private nonfarm employment	40.43	37.42	34.56	33.94	35.14
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	6.31
Mining	N/A	N/A	0.22	0.23	0.23
Utilities	0.20	0.21	0.22	0.68	0.68
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	N/A	N/A	N/A	N/A	N/A
Transportation and warehousing	0.98	1.25	1.08	1.36	1.35
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	0.21	0.22	0.00	0.00
Real estate and rental and leasing	1.37	1.46	N/A	N/A	0.45
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	0.20	1.46	1.51	1.58	1.58
Educational services	0.20	1.66	0.22	0.23	0.23
Health care and social assistance	0.78	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A
Accommodation and food services	N/A	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	21.29	20.79	21.17	20.59	20.05
Federal, civilian	3.13	2.49	2.81	2.71	2.70
Military	0.39	0.42	0.43	0.45	0.45
State and local	17.77	17.88	17.93	17.42	16.89
State government	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A
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