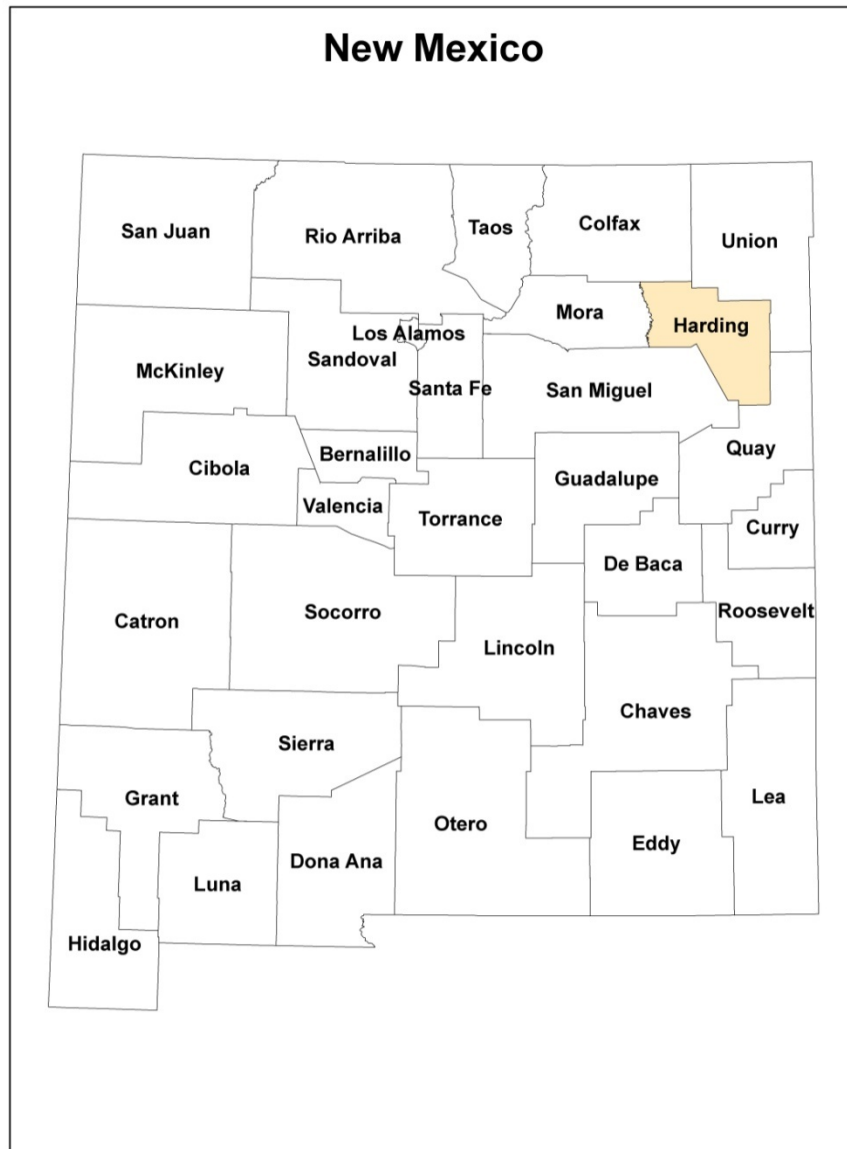




The Economic Base of Harding County, NM

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

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Introduction

This report is one of 35 economic base studies prepared by the 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 and Theophilus Djaba, graduate students 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:

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

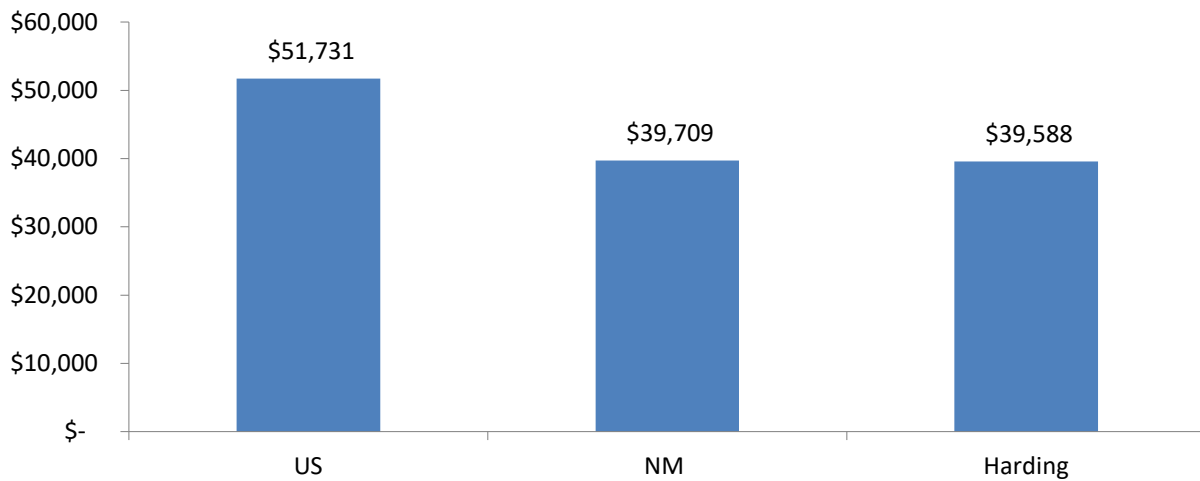
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

In this report, LQs are calculated for 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 (2013-2017). 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 2017 was 692, or 0.03 percent of the state total, ranking 33rd as the least populated county in the state of New Mexico. Between 2013 and 2017, the population of Harding County decreased by 0.29 percent. Roy Village, with a population of 231 in 2017, represents 33.39 percent of Harding County's population (U.S Census Bureau, 2018). During the period from 2013 to 2017, New Mexico's population increased by 0.03 percent and the United States' population increased by 2.88 percent.

Figure 1. Per Capita Personal Income: Harding (2017)



Per capita personal income for Harding County in 2017 was \$39,588, ranking 10th in the state. Per capita income for Harding County was 99.70 percent of the corresponding state figure of \$39,709 and 76.53 percent of the national average of \$51,731 (See Figure 1 and 2). Between 2013 and 2017, the growth rate of per capita income in Harding County was 5.25 percent. This growth rate was substantially lower compared to the state growth rate of 13.21 percent and the nation’s growth rate of 15.34 percent for the same period.

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



Total employment for Harding County in 2017 was 451, decreasing by 3.43 percent from 2013 to 2017. During the same period, the state experienced an increasing rate of employment of 2.08 percent while the nation experienced an increasing rate of 7.57 percent. In 2017, Harding County's employment to population ratio was 0.65. New Mexico's employment to population ratio was 0.52 and the national ratio was 0.60. 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 2017, private sector employed 35.92 percent of all workers in Harding County, while Farm employment accounted for 43.90 percent and Government and government enterprises accounted for 20.18 percent of total employment. The industries in the private sector with the highest percentages of total employment included Administration and Waste Services (1.55) and Transportation and warehousing (1.11 percent). State and local government employment data were undisclosed for the years considered, while Federal/civilian employment accounted for 2.66 percent of the total employment and Military accounted for 0.44 percent of total employment. Employment for Harding County by sector is displayed in Table 3.

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

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

The importance of agriculture to the economic base of Harding County is reflected in the highest LQ for the county, being Farm employment with a LQ of 32.73. The LQs for farm have exceeded 26.87 in all five years considered. Farm employment, mainly through ranching and livestock production, is to be considered a basic industry for Harding County.

Mining, Transportation and Warehousing, and Real Estate and Rental and Leasing have each been historically considered basic industries in Harding County. However, from 2013 to 2017 these industries showed LQs less than 1.0 with limited data disclosed for many of the private non-farm industries 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 a LQ of 1.83 is the only sector with a 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 2017 suggest the following industries to be considered basic in Harding County:

1. Farm employment accounted for 198 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 the case of Harding County, the multiplier is equal to 2.28 (451/198). This ratio suggests that the addition of each basic sector job in Harding County would be associated with additional 2.28 non-basic sector jobs. The export base multiplier (2.28) 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 2016 and 2017, the population for Harding County remained constant at 692 in both years. Per capita income decreased by 12.74 percent from 2016 to 2017 from \$45,368 in 2016 to \$39,588 in 2017. Total employment decreased by 2.17 percent between 2016 and 2017, representing 10 jobs. Federal, civilian employment was not considered as a basic industry due to the LQ remaining slightly below 1.0 in 2017.

Tables 1 to 10 appear on pages 6-15

Table 1: Location Quotients for Harding County (US Base) 2013-2017					
US Base	2013	2014	2015	2016	2017
By type					
Wage and salary employment	0.59	0.61	0.55	0.57	0.56
Proprietors employment	2.46	2.35	2.55	2.47	2.50
Farm proprietors employment	35.34	33.04	36.58	38.66	40.32
Nonfarm proprietors employment	0.87	0.93	1.02	0.89	0.89
By industry					
Farm employment	29.37	26.87	29.94	32.22	32.73
Nonfarm employment	0.58	0.63	0.59	0.57	0.57
Private nonfarm employment	0.40	0.47	0.44	0.40	0.42
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	0.29	0.29
Utilities	0.68	0.63	0.66	0.67	0.66
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	0.45	0.29	0.34	0.28	0.28
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	N/A	0.04	0.04	0.00
Real estate and rental and leasing	0.44	0.30	0.32	N/A	N/A
Professional, scientific, and technical services	0.28	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	0.03	0.24	0.24	0.25
Educational services	0.63	0.08	0.69	0.09	0.09
Health care and social assistance	0.11	0.07	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	1.77	1.65	1.64	1.69	1.62
Federal, civilian	2.07	2.09	1.69	1.92	1.83
Military	0.38	0.37	0.41	0.44	0.45
State and local	1.87	1.72	1.76	1.78	1.71
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 2: Location Quotients for Harding County (NM Base) 2013-2017

	2013	2014	2015	2016	2017
NM Based					
By type					
Wage and salary employment	0.58	0.60	0.54	0.56	0.55
Proprietors employment	2.55	2.46	2.69	2.62	2.63
Farm proprietors employment	17.96	16.49	17.96	18.70	19.14
Nonfarm proprietors employment	0.95	1.02	1.13	0.99	0.99
By industry					
Farm employment	15.69	14.63	15.76	16.23	16.83
Nonfarm employment	0.59	0.63	0.60	0.58	0.58
Private nonfarm employment	0.44	0.52	0.48	0.44	0.46
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	0.07	0.07
Utilities	0.50	0.46	0.49	0.48	0.48
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	0.63	0.41	0.50	0.44	0.45
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	N/A	0.07	0.07	0.00
Real estate and rental and leasing	0.54	0.38	0.40	N/A	N/A
Professional, scientific, and technical services	0.27	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	0.04	0.30	0.31	0.31
Educational services	0.98	0.13	1.07	0.14	0.14
Health care and social assistance	0.11	0.07	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	1.19	1.10	1.09	1.11	1.07
Federal, civilian	1.14	1.15	0.94	1.05	1.00
Military	0.25	0.24	0.27	0.28	0.28
State and local	1.31	1.19	1.20	1.21	1.17
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	1.0	1.0	1.0	1.0	1.00

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

Table 3: Harding County Total Employment by Industry 2017		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	196	43.46
Proprietors employment	255	56.54
Farm proprietors employment	168	37.25
Nonfarm proprietors employment	87	19.29
By industry		
Farm employment	198	43.90
Nonfarm employment	253	56.10
Private nonfarm employment	162	35.92
Forestry, fishing, and related activities	N/A	N/A
Mining	1	0.22
Utilities	1	0.22
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	5	1.11
Information	0	0.00
Finance and insurance	0	0.00
Real estate and rental and leasing	N/A	N/A
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	7	1.55
Educational services	1	0.22
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	91	20.18
Federal, civilian	12	2.66
Military	2	0.44
State and local	77	17.07
State government	N/A	N/A
Local government	N/A	N/A
Total employment	451	100.00

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

Table 4: Harding County Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	213	243	206	205	196
Proprietors employment	254	268	274	256	255
Farm proprietors employment	168	167	169	168	168
Nonfarm proprietors employment 2/	86	101	105	88	87
By industry					
Farm employment	199	195	200	203	198
Nonfarm employment	268	316	280	258	253
Private nonfarm employment	159	207	180	160	162
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	1	1
Utilities	1	1	1	1	1
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	7	5	6	5	5
Information	0	0	0	0	0
Finance and insurance	N/A	N/A	1	1	0
Real estate and rental and leasing	9	7	7	N/A	N/A
Professional, scientific, and technical services	9	N/A	N/A	N/A	N/A
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	1	1	7	7	7
Educational services	7	1	8	1	1
Health care and social assistance	6	4	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	109	100	98	91
Federal, civilian	15	16	12	13	12
Military	2	2	2	2	2
State and local	92	91	86	83	77
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	467	511	480	461	451

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

Table 5: New Mexico Employment by Industry 2013-2017					
Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	846,495	852,348	860,023	861,222	862,272
Proprietors employment	228,970	231,044	231,850	231,184	235,600
Farm proprietors employment	21,547	21,473	21,405	21,291	21,372
Nonfarm proprietors employment	207,423	209,571	210,445	209,893	214,228
By industry					
Farm employment	29,208	28,262	28,866	29,641	28,633
Nonfarm employment	1,046,257	1,055,130	1,063,007	1,062,765	1,069,239
Private nonfarm employment	835,402	845,778	854,438	854,243	862,954
Forestry, fishing, and related activities	5,235	5,675	5,540	5,819	5,658
Mining	36,857	38,222	36,655	31,808	33,725
Utilities	4,652	4,591	4,684	4,900	5,099
Construction	59,142	59,584	59,709	60,012	62,633
Manufacturing	35,463	34,022	34,158	33,188	33,239
Wholesale trade	26,688	28,856	28,502	25,379	24,946
Retail trade	112,726	113,923	114,888	113,636	111,443
Transportation and warehousing	25,502	25,903	27,243	26,672	27,060
Information	16,059	15,725	15,588	16,001	15,339
Finance and insurance	35,010	34,783	34,461	35,684	36,737
Real estate and rental and leasing	38,414	39,111	39,660	39,866	40,634
Professional, scientific, and technical services	75,919	76,116	77,542	77,751	79,601
Management of companies and enterprises	5,502	5,631	5,877	6,337	6,449
Administrative and waste management services	54,597	54,370	52,998	53,887	55,307
Educational services	16,426	16,736	16,965	17,026	17,020
Health care and social assistance	123,737	124,796	129,720	134,269	134,712
Arts, entertainment, and recreation	23,734	24,225	24,245	24,151	24,831
Accommodation and food services	85,494	88,296	90,192	92,521	93,037
Other services, except public administration	54,245	55,213	55,811	55,336	55,484
Government and government enterprises	210,855	209,352	208,569	208,522	206,285
Federal, civilian	30,400	29,452	29,188	29,385	29,288
Military	18,350	17,518	16,923	17,159	17,348
State and local	162,105	162,382	162,458	161,978	159,649
State government	57,772	58,752	58,962	58,703	57,617
Local government	104,333	103,630	103,496	103,275	102,032
Total employment	1,075,465	1,083,392	1,091,873	1,092,406	1,097,872

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

Table 6: United States Employment by Industry 2013-2017

Number of jobs by industry	2013	2014	2015	2016	2017
By type					
Wage and salary employment	141,932,000	144,722,000	147,635,000	149,904,000	151,825,000
Proprietors employment	40,393,100	41,513,800	42,682,800	43,464,900	44,307,200
Farm proprietors employment	1,856,000	1,842,000	1,832,000	1,823,000	1,812,000
Nonfarm proprietors employment	38,537,100	39,671,800	40,850,800	41,641,900	42,495,200
By industry					
Farm employment	2,645,000	2,645,000	2,649,000	2,643,000	2,631,000
Nonfarm employment	179,680,100	183,590,800	187,668,800	190,725,900	193,501,200
Private nonfarm employment	155,625,100	159,536,800	163,523,800	166,427,900	169,096,200
Forestry, fishing, and related activities	909,100	941,000	915,900	935,200	926,400
Mining	1,607,000	1,597,500	1,553,300	1,452,200	1,511,100
Utilities	578,300	580,600	597,400	622,000	663,500
Construction	9,237,800	9,564,300	9,844,900	10,322,100	10,634,600
Manufacturing	12,761,200	12,908,600	13,076,600	13,131,900	13,304,800
Wholesale trade	6,343,100	6,720,600	6,819,100	6,464,400	6,478,900
Retail trade	18,369,100	18,713,100	19,095,300	19,199,500	19,222,200
Transportation and warehousing	6,012,800	6,282,400	6,929,700	7,413,200	7,663,800
Information	3,264,600	3,327,000	3,316,400	3,384,900	3,384,400
Finance and insurance	9,815,300	9,621,000	9,844,600	10,187,400	10,510,200
Real estate and rental and leasing	8,056,800	8,405,800	8,668,300	8,868,200	9,105,900
Professional, scientific, and technical services	12,544,300	12,864,700	13,333,200	13,496,900	13,721,000
Management of companies and enterprises	2,265,000	2,360,300	2,425,500	2,603,800	2,667,400
Administrative and waste management services	11,366,900	11,719,200	11,770,600	12,033,600	12,088,500
Educational services	4,339,100	4,498,100	4,610,900	4,641,800	4,691,200
Health care and social assistance	20,499,200	20,798,400	21,351,100	21,817,100	22,201,200
Arts, entertainment, and recreation	4,043,800	4,223,300	4,220,100	4,363,100	4,455,500
Accommodation and food services	13,099,200	13,548,900	13,977,700	14,399,000	14,697,400
Other services, except public administration	10,512,500	10,862,000	11,173,200	11,091,600	11,168,200
Government and government enterprises	24,055,000	24,054,000	24,145,000	24,298,000	24,405,000
Federal, civilian	2,826,000	2,792,000	2,810,000	2,847,000	2,857,000
Military	2,032,000	1,975,000	1,956,000	1,927,000	1,929,000
State and local	19,197,000	19,287,000	19,379,000	19,524,000	19,619,000
State government	5,306,000	5,330,000	5,349,000	5,351,000	5,365,000
Local government	13,891,000	13,957,000	14,030,000	14,173,000	14,254,000
Total employment	182,325,100	186,235,800	190,317,800	193,368,900	196,132,200

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

Table 7: Harding County, New Mexico and United States Percent of Employment by Industry 2017

	United States	New Mexico	Harding County
By type			
Wage and salary employment	77.41	78.54	43.46
Proprietors employment	22.59	21.46	56.54
Farm proprietors employment	0.92	1.95	37.25
Nonfarm proprietors employment	21.67	19.51	19.29
By industry			
Farm employment	1.34	2.61	43.90
Nonfarm employment	98.66	97.39	56.10
Private nonfarm employment	86.22	78.60	35.92
Forestry, fishing, and related activities	0.47	0.52	N/A
Mining	0.77	3.07	0.22
Utilities	0.34	0.46	0.22
Construction	5.42	5.70	N/A
Manufacturing	6.78	3.03	N/A
Wholesale trade	3.30	2.27	N/A
Retail trade	9.80	10.15	N/A
Transportation and warehousing	3.91	2.46	1.11
Information	1.73	1.40	0.00
Finance and insurance	5.36	3.35	0.00
Real estate and rental and leasing	4.64	3.70	N/A
Professional, scientific, and technical services	7.00	7.25	N/A
Management of companies and enterprises	1.36	0.59	0.00
Administrative and waste management services	6.16	5.04	1.55
Educational services	2.39	1.55	0.22
Health care and social assistance	11.32	12.27	N/A
Arts, entertainment, and recreation	2.27	2.26	N/A
Accommodation and food services	7.49	8.47	N/A
Other services, except public administration	5.69	5.05	N/A
Government and government enterprises	12.44	18.79	20.18
Federal, civilian	1.46	2.67	2.66
Military	0.98	1.58	0.44
State and local	10.00	14.54	17.07
State government	2.74	5.25	N/A
Local government	7.27	9.29	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 County Percent of Employment by Sectors 2013-2017

Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	45.61	47.55	42.92	44.47	43.46
Proprietors employment	54.39	52.45	57.08	55.53	56.54
Farm proprietors employment	35.97	32.68	35.21	36.44	37.25
Nonfarm proprietors employment	18.42	19.77	21.88	19.09	19.29
By industry					
Farm employment	42.61	38.16	41.67	44.03	43.90
Nonfarm employment	57.39	61.84	58.33	55.97	56.10
Private nonfarm employment	34.05	40.51	37.50	34.71	35.92
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	0.22	0.22
Utilities	0.21	0.20	0.21	0.22	0.22
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	1.50	0.98	1.25	1.08	1.11
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	N/A	0.21	0.22	0.00
Real estate and rental and leasing	1.93	1.37	1.46	N/A	N/A
Professional, scientific, and technical services	1.93	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	0.21	0.20	1.46	1.52	1.55
Educational services	1.50	0.20	1.67	0.22	0.22
Health care and social assistance	1.28	0.78	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	23.34	21.33	20.83	21.26	20.18
Federal, civilian	3.21	3.13	2.50	2.82	2.66
Military	0.43	0.39	0.42	0.43	0.44
State and local	19.70	17.81	17.92	18.00	17.07
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 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	78.71	78.67	78.77	78.84	78.54
Proprietors employment	21.29	21.33	21.23	21.16	21.46
Farm proprietors employment	2.00	1.98	1.96	1.95	1.95
Nonfarm proprietors employment	19.29	19.34	19.27	19.21	19.51
By industry					
Farm employment	2.72	2.61	2.64	2.71	2.61
Nonfarm employment	97.28	97.39	97.36	97.29	97.39
Private nonfarm employment	77.68	78.07	78.25	78.20	78.60
Forestry, fishing, and related activities	0.49	0.52	0.51	0.53	0.52
Mining	3.43	3.53	3.36	2.91	3.07
Utilities	0.43	0.42	0.43	0.45	0.46
Construction	5.50	5.50	5.47	5.49	5.70
Manufacturing	3.30	3.14	3.13	3.04	3.03
Wholesale trade	2.48	2.66	2.61	2.32	2.27
Retail trade	10.48	10.52	10.52	10.40	10.15
Transportation and warehousing	2.37	2.39	2.50	2.44	2.46
Information	1.49	1.45	1.43	1.46	1.40
Finance and insurance	3.26	3.21	3.16	3.27	3.35
Real estate and rental and leasing	3.57	3.61	3.63	3.65	3.70
Professional, scientific, and technical services	7.06	7.03	7.10	7.12	7.25
Management of companies and enterprises	0.51	0.52	0.54	0.58	0.59
Administrative and waste management services	5.08	5.02	4.85	4.93	5.04
Educational services	1.53	1.54	1.55	1.56	1.55
Health care and social assistance	11.51	11.52	11.88	12.29	12.27
Arts, entertainment, and recreation	2.21	2.24	2.22	2.21	2.26
Accommodation and food services	7.95	8.15	8.26	8.47	8.47
Other services, except public administration	5.04	5.10	5.11	5.07	5.05
Government and government enterprises	19.61	19.32	19.10	19.09	18.79
Federal, civilian	2.83	2.72	2.67	2.69	2.67
Military	1.71	1.62	1.55	1.57	1.58
State and local	15.07	14.99	14.88	14.83	14.54
State government	5.37	5.42	5.40	5.37	5.25
Local government	9.70	9.57	9.48	9.45	9.29
Total employment	100.00	100.00	100.00	100.00	100.00

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

Table 10: United States Percent of Employment by Industry 2013-2017					
Description	2013	2014	2015	2016	2017
By type					
Wage and salary employment	77.85	77.71	77.57	77.52	77.41
Proprietors employment	22.15	22.29	22.43	22.48	22.59
Farm proprietors employment	1.02	0.99	0.96	0.94	0.92
Nonfarm proprietors employment	21.14	21.30	21.46	21.53	21.67
By industry					
Farm employment	1.45	1.42	1.39	1.37	1.34
Nonfarm employment	98.55	98.58	98.61	98.63	98.66
Private nonfarm employment	85.36	85.66	85.92	86.07	86.22
Forestry, fishing, and related activities	0.50	0.51	0.48	0.48	0.47
Mining	0.88	0.86	0.82	0.75	0.77
Utilities	0.32	0.31	0.31	0.32	0.34
Construction	5.07	5.14	5.17	5.34	5.42
Manufacturing	7.00	6.93	6.87	6.79	6.78
Wholesale trade	3.48	3.61	3.58	3.34	3.30
Retail trade	10.07	10.05	10.03	9.93	9.80
Transportation and warehousing	3.30	3.37	3.64	3.83	3.91
Information	1.79	1.79	1.74	1.75	1.73
Finance and insurance	5.38	5.17	5.17	5.27	5.36
Real estate and rental and leasing	4.42	4.51	4.55	4.59	4.64
Professional, scientific, and technical services	6.88	6.91	7.01	6.98	7.00
Management of companies and enterprises	1.24	1.27	1.27	1.35	1.36
Administrative and waste management services	6.23	6.29	6.18	6.22	6.16
Educational services	2.38	2.42	2.42	2.40	2.39
Health care and social assistance	11.24	11.17	11.22	11.28	11.32
Arts, entertainment, and recreation	2.22	2.27	2.22	2.26	2.27
Accommodation and food services	7.18	7.28	7.34	7.45	7.49
Other services, except public administration	5.77	5.83	5.87	5.74	5.69
Government and government enterprises	13.19	12.92	12.69	12.57	12.44
Federal, civilian	1.55	1.50	1.48	1.47	1.46
Military	1.11	1.06	1.03	1.00	0.98
State and local	10.53	10.36	10.18	10.10	10.00
State government	2.91	2.86	2.81	2.77	2.74
Local government	7.62	7.49	7.37	7.33	7.27
Total employment	100.00	100.00	100.00	100.00	100.00

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