



The Economic Base of Harding County, NM

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Introduction

This report is one of 35 economic base studies prepared by the Office of Policy Analysis at 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, Director of the Office of Policy Analysis. Leonardo Delgado and Noel Martinez, 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:

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

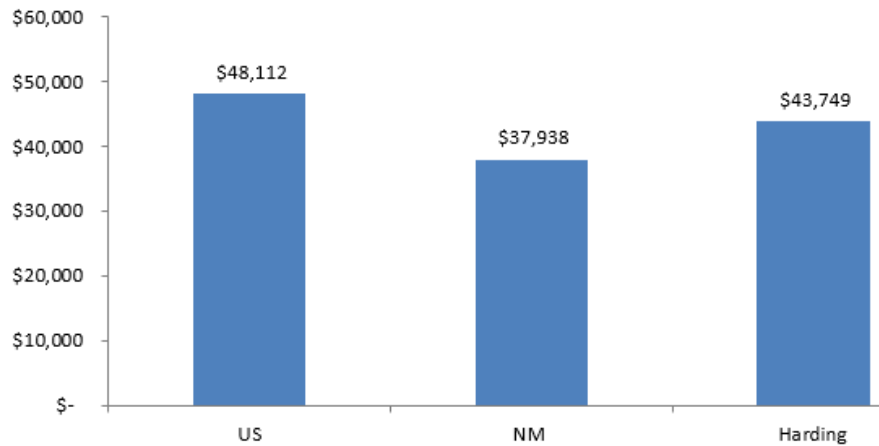
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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 (2011-2015). 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

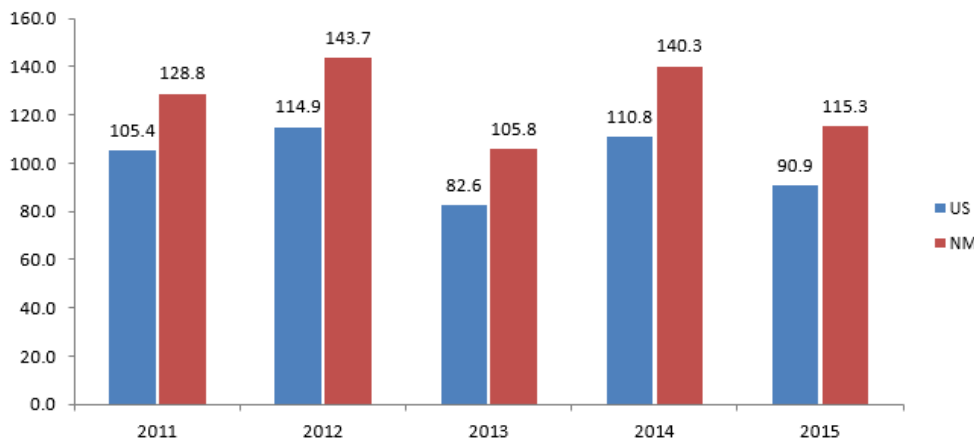
Harding County is located in north eastern New Mexico and contains 2,125.44 square miles, or 1.75 percent of the land area in New Mexico. The population for Harding County in 2015 was 698, or 0.03 percent of the state total, ranking as the least populated county in the state of New Mexico. Between 2011 and 2015, the population of Harding County decreased by 1.55 percent. The Village of Roy, with a population of 235 in 2015, represents 33.67 percent of Harding County's population (U.S Census Bureau, 2017). During the period from 2011 to 2015, New Mexico's population increased by .33 percent and the United States' population increased by 3.11 percent.

Figure 1. Per Capita Personal Income: Harding County (2015)



Per capita personal income for Harding County in 2015 was \$43,749 ranking fifth in the state. Per capita income for Harding County was 115.3 percent of the corresponding state figure of \$37,938 and 90.9 percent of the national average of \$48,112 (See Figure 1 and 2). Between 2011 and 2015, the per capita income in Harding County decreased by 2.2 percent. Substantially lower when compared to the state growth rate of 9.24 percent and the nation’s growth rate of 13.33 percent for the same period.

Figure 2 : Per Capita Income of Harding County as Percent of U.S. and New Mexico 2011-2015



Total employment for Harding County in 2015 was 450, decreasing by .84 percent from 2011 to 2015. During the same period, the state experienced an increasing rate of employment of 2.88 percent while the nation experienced an increasing rate of 7.89 percent. In 2015, Harding County’s employment to population ratio was .68, which reflects the large share of commuting workers living outside the county. New Mexico’s employment to population ratio was 0.53 and the national ratio was 0.59. 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 2015, private sector employed 37.05 percent of all workers in Harding County, while Farm employment accounted for 42.11 percent and Government and government enterprises accounted for 20.84 percent of total employment. Data on the real estate and rental and leasing, transportation and warehousing, and the Mining Industry were not disclosed for confidentiality reasons in 2015. State and local government employment data were undisclosed for the years considered, while Federal/civilian employment accounted 2.53 percent of the 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 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Harding County from 2011 to 2015 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 30.31. The LQs for farm employment have exceeded 26.77 in all five years considered. Farm employment, mainly through ranching and livestock production, is to be considered a basic industry for Harding County. Mining was considered a basic economic activity in Harding County in the prior years, however, the data on the Mining Industry was not disclosed from 2011-2015. An important mining area and activity in Harding County, is the Bravo Dome field, which is one of the largest known natural deposits of carbon dioxide gas. Carbon Dioxide gas is utilized to enhance oil recovery and produce dry ice. Because Mining data was undisclosed between for the time period considered, it will not be considered a basic industry.

Much of the data was not disclosed for Harding County. In the past Transportation and warehousing, and real estate and rental and leasing industries have been considered basic. However, much of the data was not disclosed for Harding County. These industries will not be considered basic industries.

The entry labeled government and government enterprises is the aggregate figure of all government levels listed as government categories. The federal/civilian sector had an LQ 1.71, however, state government, and local government were also not disclosed. It is important to note that in Harding county 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 2015 suggest the following industries to be considered basic in Harding County:

1. Farm employment accounted for 196 jobs.
2. Transportation and warehousing data not disclosed.
3. Real estate and rental and leasing data not disclosed.

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 2.42 (475 /196). This ratio suggests that the addition of each basic sector job in Harding County would be associated with additional 2.42 non-basic sector jobs. The export base multiplier (2.42) 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 2014 and 2015, the population for Harding County decreased by 3.10 percent. Per capita income decreased by 14.90 percent from \$51,411 in 2014 to \$43,749 in 2015. Total employment decreased by 4.37 percent between 2014 and 2015, representing 37 jobs. Federal, civilian employment was not considered as a basic industry due to the LQ remaining slightly below 1.0 in 2015.

Tables 1 to 10 appear on pages 6-15

Table 1: Location Quotients for Harding County (US Base) 2011-2015

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.57	0.59	0.59	0.61	0.56
Proprietors employment	2.50	2.47	2.45	2.36	2.54
Farm proprietors employment	31.39	35.64	35.58	33.36	37.08
Nonfarm proprietors employment	1.05	0.84	0.86	0.91	0.99
By industry					
Farm employment	26.77	29.26	29.57	27.08	30.31
Nonfarm employment	0.61	0.58	0.58	0.62	0.59
Private nonfarm employment	0.43	0.37	0.40	0.47	0.43
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	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	N/A	N/A	N/A	N/A	N/A
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	N/A	N/A	N/A	0.50
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	0.00
Educational services	N/A	N/A	N/A	N/A	0.00
Health care and social assistance	N/A	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	1.70	1.89	1.77	1.65	1.64
Federal, civilian	2.14	2.19	2.09	2.08	1.71
Military	N/A	N/A	N/A	N/A	N/A
State and local	1.77	2.01	1.86	1.72	1.76
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 CA25N and author's calculation

Table 2: Location Quotients for Harding County (NM Base) 2011-2015					
	2011	2012	2013	2014	2015
NM Based					
By type					
Wage and salary employment	0.57	0.58	0.58	0.60	0.55
Proprietors employment	2.59	2.54	2.55	2.47	2.64
Farm proprietors employment	17.18	18.28	18.08	16.75	18.30
Nonfarm proprietors employment	1.14	0.91	0.94	1.01	1.08
By industry					
Farm employment	15.63	16.13	15.79	14.81	16.04
Nonfarm employment	0.61	0.59	0.59	0.63	0.59
Private nonfarm employment	0.47	0.41	0.44	0.52	0.47
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	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	N/A	N/A	N/A	N/A	N/A
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	N/A	N/A	N/A	0.80
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	0.00
Educational services	N/A	N/A	N/A	N/A	0.00
Health care and social assistance	N/A	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	1.16	1.28	1.19	1.10	1.10
Federal, civilian	1.16	1.19	1.14	1.15	0.95
Military	N/A	N/A	N/A	N/A	N/A
State and local	1.27	1.42	1.30	1.18	1.21
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 CA25N and author's calculation

Table 3: Harding County Total Employment by Industry 2015

	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	205	43.16
Proprietors employment	270	56.84
Farm proprietors employment	169	35.58
Nonfarm proprietors employment	101	21.26
By industry		
Farm employment	200	42.11
Nonfarm employment	275	57.89
Private nonfarm employment	176	37.05
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	(L)	N/A
Construction	(D)	N/A
Manufacturing	(D)	N/A
Wholesale trade	(D)	N/A
Retail trade	(D)	N/A
Transportation and warehousing	(L)	N/A
Information	0	0.00
Finance and insurance	12	2.53
Real estate and rental and leasing	(L)	N/A
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	0	0.00
Educational services	0	0.00
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	(D)	N/A
Accommodation and food services	(D)	N/A
Other services, except public administration	(D)	N/A
Government and government enterprises	99	20.84
Federal, civilian	12	2.53
Military	(L)	N/A
State and local	85	17.89
State government	(D)	N/A
Local government	(D)	N/A
Total employment	475	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 4: Harding County Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	213	208	212	244	205
Proprietors employment	266	247	252	268	270
Farm proprietors employment	160	167	168	169	169
Nonfarm proprietors employment 2/	106	80	84	99	101
By industry					
Farm employment	192	195	199	197	200
Nonfarm employment	287	260	265	315	275
Private nonfarm employment	175	144	157	206	176
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(L)	(D)	(D)	(D)	(D)
Utilities	(L)	(L)	(L)	(L)	(L)
Construction	(D)	(D)	(D)	(D)	(D)
Manufacturing	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)
Retail trade	(D)	(D)	(D)	(D)	(D)
Transportation and warehousing	(L)	(L)	(L)	(L)	(L)
Information	0	0	0	0	0
Finance and insurance	(D)	(D)	(D)	(D)	12
Real estate and rental and leasing	(L)	(L)	(L)	(L)	(L)
Professional, scientific, and technical services	(D)	(L)	(L)	(D)	(D)
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	(L)	(L)	(L)	(L)	0
Educational services	(L)	(L)	(L)	(L)	0
Health care and social assistance	(L)	(L)	(L)	(L)	(D)
Arts, entertainment, and recreation	(D)	(D)	(D)	(D)	(D)
Accommodation and food services	(D)	(D)	(D)	(D)	(D)
Other services, except public administration	(D)	(D)	(D)	(D)	(D)
Government and government enterprises	112	116	108	109	99
Federal, civilian	17	16	15	16	12
Military	(L)	(L)	(L)	(L)	(L)
State and local	93	98	91	91	85
State government	(D)	(D)	(D)	(D)	(D)
Local government	(D)	(D)	(D)	(D)	(D)
Total employment	479	455	464	512	475

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 5: New Mexico Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	837,281	839,789	846,896	852,861	859,738
Proprietors employment	228,010	227,968	228,971	229,416	236,211
Farm proprietors employment	20,715	21,436	21,547	21,322	21,311
Nonfarm proprietors employment 2/	207,295	206,532	207,424	208,094	214,900
By industry					
Farm employment	27,323	28,370	29,218	28,111	28,772
Nonfarm employment	1,037,968	1,039,387	1,046,649	1,054,166	1,067,177
Private nonfarm employment	824,157	827,488	835,812	844,809	858,620
Forestry, fishing, and related activities	5,237	5,138	5,247	5,682	5,884
Mining	28,362	34,232	36,831	38,198	35,898
Utilities	4,554	4,583	4,667	4,591	4,573
Construction	59,382	58,032	59,248	59,713	60,555
Manufacturing	35,750	35,771	35,469	34,032	34,076
Wholesale trade	26,513	26,486	26,694	27,496	28,567
Retail trade	111,583	111,908	112,808	114,086	115,724
Transportation and warehousing	24,333	25,361	25,505	25,846	26,447
Information	16,508	16,473	16,059	15,723	16,006
Finance and insurance	35,632	35,138	34,903	34,602	34,612
Real estate and rental and leasing	39,760	38,275	38,513	39,253	40,479
Professional, scientific, and technical services	77,591	76,152	75,940	76,094	77,546
Management of companies and enterprises	5,491	5,449	5,503	5,632	5,814
Administrative and waste management services	54,746	53,440	54,622	54,418	54,184
Educational services	16,280	16,152	16,404	16,716	17,553
Health care and social assistance	121,675	123,264	123,782	124,943	129,672
Arts, entertainment, and recreation	23,142	23,722	23,743	24,052	24,885
Accommodation and food services	82,391	83,232	85,532	88,375	90,601
Other services, except public administration	55,227	54,680	54,342	55,357	55,544
Government and government enterprises	213,811	211,899	210,837	209,357	208,557
Federal, civilian	32,611	31,631	30,389	29,462	29,200
Military	18,057	18,178	18,350	17,518	16,917
State and local	163,143	162,090	162,098	162,377	162,440
State government	58,306	57,523	57,763	58,753	58,916
Local government	104,837	104,567	104,335	103,624	103,524
Total employment	1,065,291	1,067,757	1,075,867	1,082,277	1,095,949

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 6: United States Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	137,105,000	139,721,000	142,015,000	144,811,000	147,634,000
Proprietors employment	39,173,700	39,360,700	40,393,100	41,357,100	42,561,400
Farm proprietors employment	1,876,000	1,844,000	1,856,000	1,842,000	1,825,000
Nonfarm proprietors employment 2/	37,297,700	37,516,700	38,537,100	39,515,100	40,736,400
By industry					
Farm employment	2,639,000	2,623,000	2,646,000	2,645,000	2,642,000
Nonfarm employment	173,639,700	176,458,700	179,762,100	183,523,100	187,553,400
Private nonfarm employment	149,350,700	152,356,700	155,708,100	159,476,100	163,411,400
Forestry, fishing, and related activities	860,600	886,400	911,100	943,000	962,000
Mining	1,244,000	1,551,200	1,606,000	1,593,500	1,504,600
Utilities	575,500	577,600	578,300	580,600	588,500
Construction	8,774,800	8,944,800	9,251,800	9,582,300	9,948,900
Manufacturing	12,385,700	12,605,200	12,760,200	12,905,600	13,091,200
Wholesale trade	6,160,300	6,243,500	6,345,100	6,574,900	6,785,600
Retail trade	17,954,300	18,085,800	18,383,100	18,744,100	19,149,000
Transportation and warehousing	5,684,800	5,872,400	6,020,800	6,273,400	6,605,300
Information	3,230,000	3,224,700	3,264,600	3,327,000	3,376,600
Finance and insurance	9,751,500	9,702,300	9,816,300	9,617,000	9,645,700
Real estate and rental and leasing	7,936,300	7,859,200	8,060,800	8,421,800	8,727,200
Professional, scientific, and technical services	11,970,100	12,211,200	12,549,300	12,867,700	13,242,900
Management of companies and enterprises	2,080,600	2,180,200	2,265,000	2,366,300	2,431,800
Administrative and waste management services	10,753,600	11,035,400	11,371,900	11,730,200	12,022,900
Educational services	4,122,600	4,198,200	4,329,100	4,488,100	4,662,000
Health care and social assistance	19,417,200	20,112,500	20,514,200	20,830,400	21,309,800
Arts, entertainment, and recreation	3,873,300	3,980,900	4,045,800	4,182,300	4,289,000
Accommodation and food services	12,343,400	12,670,500	13,105,200	13,560,900	14,032,200
Other services, except public administration	10,232,100	10,414,700	10,529,500	10,887,000	11,036,200
Government and government enterprises	24,289,000	24,102,000	24,054,000	24,047,000	24,142,000
Federal, civilian	2,918,000	2,875,000	2,825,000	2,793,000	2,811,000
Military	2,081,000	2,056,000	2,032,000	1,975,000	1,955,000
State and local	19,290,000	19,171,000	19,197,000	19,279,000	19,376,000
State government	5,266,000	5,254,000	5,262,000	5,278,000	5,297,000
Local government	14,024,000	13,917,000	13,935,000	14,001,000	14,079,000
Total employment	176,278,700	179,081,700	182,408,100	186,168,100	190,195,400

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 7: Harding County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Harding County
By type			
Wage and salary employment	77.62	78.45	43.16
Proprietors employment	22.38	21.55	56.84
Farm proprietors employment	0.96	1.94	35.58
Nonfarm proprietors employment	21.42	19.61	21.26
By industry			
Farm employment	1.39	2.63	42.11
Nonfarm employment	98.61	97.37	57.89
Private nonfarm employment	85.92	78.34	37.05
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	N/A
Construction	5.23	5.53	N/A
Manufacturing	6.88	3.11	N/A
Wholesale trade	3.57	2.61	N/A
Retail trade	10.07	10.56	N/A
Transportation and warehousing	3.47	2.41	N/A
Information	1.78	1.46	0.00
Finance and insurance	5.07	3.16	2.53
Real estate and rental and leasing	4.59	3.69	N/A
Professional, scientific, and technical services	6.96	7.08	N/A
Management of companies and enterprises	1.28	0.53	0.00
Administrative and waste management services	6.32	4.94	0.00
Educational services	2.45	1.60	0.00
Health care and social assistance	11.20	11.83	N/A
Arts, entertainment, and recreation	2.26	2.27	N/A
Accommodation and food services	7.38	8.27	N/A
Other services, except public administration	5.80	5.07	N/A
Government and government enterprises	12.69	19.03	20.84
Federal, civilian	1.48	2.66	2.53
Military	1.03	1.54	N/A
State and local	10.19	14.82	17.89
State government	2.79	5.38	N/A
Local government	7.40	9.45	N/A
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 8: Harding County Percent of Employment by Sectors 2011-2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	44.47	45.71	45.69	47.66	43.16
Proprietors employment	55.53	54.29	54.31	52.34	56.84
Farm proprietors employment	33.40	36.70	36.21	33.01	35.58
Nonfarm proprietors employment	22.13	17.58	18.10	19.34	21.26
By industry					
Farm employment	40.08	42.86	42.89	38.48	42.11
Nonfarm employment	59.92	57.14	57.11	61.52	57.89
Private nonfarm employment	36.53	31.65	33.84	40.23	37.05
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	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	N/A	N/A	N/A	N/A	N/A
Information	0.00	0.00	0.00	0.00	0.00
Finance and insurance	N/A	N/A	N/A	N/A	2.53
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	0.00
Educational services	N/A	N/A	N/A	N/A	0.00
Health care and social assistance	N/A	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	23.38	25.49	23.28	21.29	20.84
Federal, civilian	3.55	3.52	3.23	3.13	2.53
Military	N/A	N/A	N/A	N/A	N/A
State and local	19.42	21.54	19.61	17.77	17.89
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 CA25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2011 - 2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	78.60	78.65	78.72	78.80	78.45
Proprietors employment	21.40	21.35	21.28	21.20	21.55
Farm proprietors employment	1.94	2.01	2.00	1.97	1.94
Nonfarm proprietors employment	19.46	19.34	19.28	19.23	19.61
By industry					
Farm employment	2.56	2.66	2.72	2.60	2.63
Nonfarm employment	97.44	97.34	97.28	97.40	97.37
Private nonfarm employment	77.36	77.50	77.69	78.06	78.34
Forestry, fishing, and related activities	0.49	0.48	0.49	0.53	0.54
Mining	2.66	3.21	3.42	3.53	3.28
Utilities	0.43	0.43	0.43	0.42	0.42
Construction	5.57	5.43	5.51	5.52	5.53
Manufacturing	3.36	3.35	3.30	3.14	3.11
Wholesale trade	2.49	2.48	2.48	2.54	2.61
Retail trade	10.47	10.48	10.49	10.54	10.56
Transportation and warehousing	2.28	2.38	2.37	2.39	2.41
Information	1.55	1.54	1.49	1.45	1.46
Finance and insurance	3.34	3.29	3.24	3.20	3.16
Real estate and rental and leasing	3.73	3.58	3.58	3.63	3.69
Professional, scientific, and technical services	7.28	7.13	7.06	7.03	7.08
Management of companies and enterprises	0.52	0.51	0.51	0.52	0.53
Administrative and waste management services	5.14	5.00	5.08	5.03	4.94
Educational services	1.53	1.51	1.52	1.54	1.60
Health care and social assistance	11.42	11.54	11.51	11.54	11.83
Arts, entertainment, and recreation	2.17	2.22	2.21	2.22	2.27
Accommodation and food services	7.73	7.80	7.95	8.17	8.27
Other services, except public administration	5.18	5.12	5.05	5.11	5.07
Government and government enterprises	20.07	19.85	19.60	19.34	19.03
Federal, civilian	3.06	2.96	2.82	2.72	2.66
Military	1.70	1.70	1.71	1.62	1.54
State and local	15.31	15.18	15.07	15.00	14.82
State government	5.47	5.39	5.37	5.43	5.38
Local government	9.84	9.79	9.70	9.57	9.45
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculations

Table 10: United States Percent of Employment by Industry 2011 - 2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	77.78	78.02	77.86	77.79	77.62
Proprietors employment	22.22	21.98	22.14	22.21	22.38
Farm proprietors employment	1.06	1.03	1.02	0.99	0.96
Nonfarm proprietors employment	21.16	20.95	21.13	21.23	21.42
By industry					
Farm employment	1.50	1.46	1.45	1.42	1.39
Nonfarm employment	98.50	98.54	98.55	98.58	98.61
Private nonfarm employment	84.72	85.08	85.36	85.66	85.92
Forestry, fishing, and related activities	0.49	0.49	0.50	0.51	0.51
Mining	0.71	0.87	0.88	0.86	0.79
Utilities	0.33	0.32	0.32	0.31	0.31
Construction	4.98	4.99	5.07	5.15	5.23
Manufacturing	7.03	7.04	7.00	6.93	6.88
Wholesale trade	3.49	3.49	3.48	3.53	3.57
Retail trade	10.19	10.10	10.08	10.07	10.07
Transportation and warehousing	3.22	3.28	3.30	3.37	3.47
Information	1.83	1.80	1.79	1.79	1.78
Finance and insurance	5.53	5.42	5.38	5.17	5.07
Real estate and rental and leasing	4.50	4.39	4.42	4.52	4.59
Professional, scientific, and technical services	6.79	6.82	6.88	6.91	6.96
Management of companies and enterprises	1.18	1.22	1.24	1.27	1.28
Administrative and waste management services	6.10	6.16	6.23	6.30	6.32
Educational services	2.34	2.34	2.37	2.41	2.45
Health care and social assistance	11.02	11.23	11.25	11.19	11.20
Arts, entertainment, and recreation	2.20	2.22	2.22	2.25	2.26
Accommodation and food services	7.00	7.08	7.18	7.28	7.38
Other services, except public administration	5.80	5.82	5.77	5.85	5.80
Government and government enterprises	13.78	13.46	13.19	12.92	12.69
Federal, civilian	1.66	1.61	1.55	1.50	1.48
Military	1.18	1.15	1.11	1.06	1.03
State and local	10.94	10.71	10.52	10.36	10.19
State government	2.99	2.93	2.88	2.84	2.79
Local government	7.96	7.77	7.64	7.52	7.40
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation