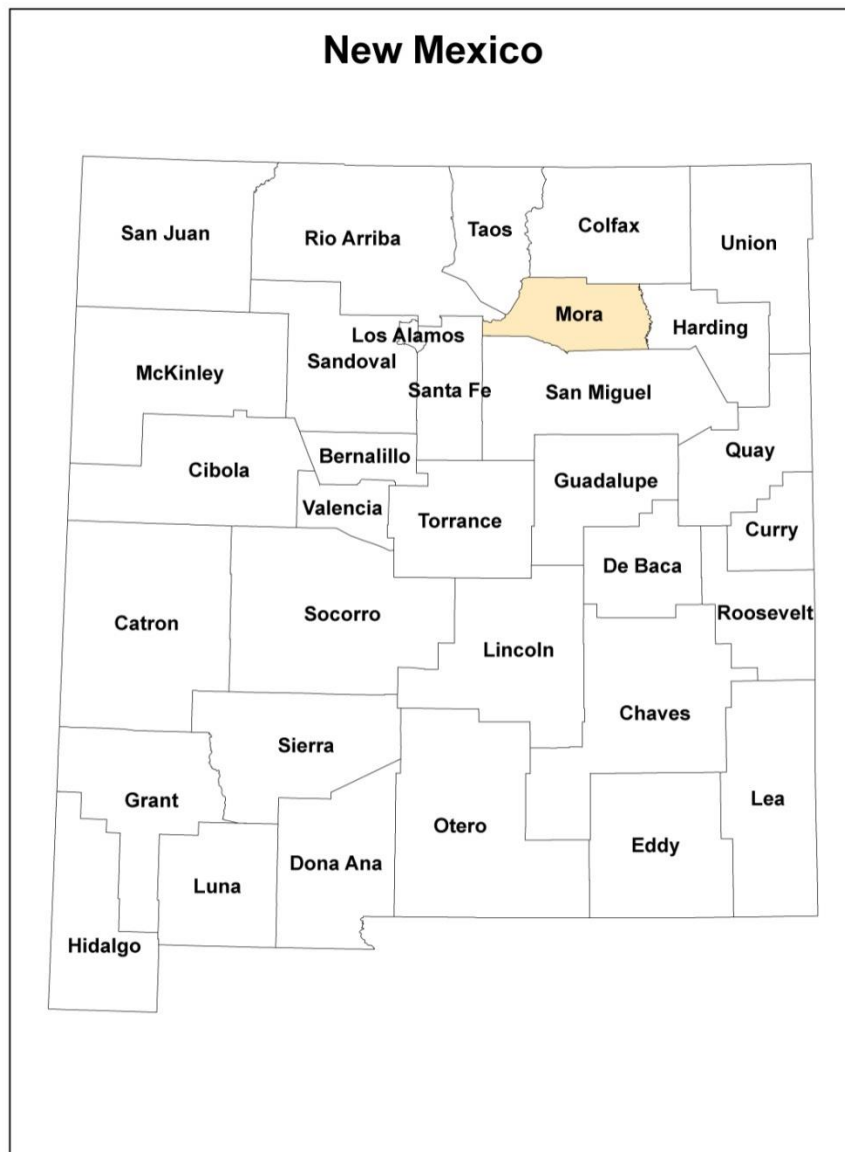




The Economic Base of Mora County, NM

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DATE: Julv 2017



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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 the 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 assist 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. The economic base theory also suggests that economic growth depends on sectors that export goods and services out of the region (basic industries), as opposed to those businesses whose services remain local (non-basic industries). Basic industries promote local economic growth by bringing jobs and income into the local economy. Non-basic industries serve local residents and provide support to basic industries.

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs

are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

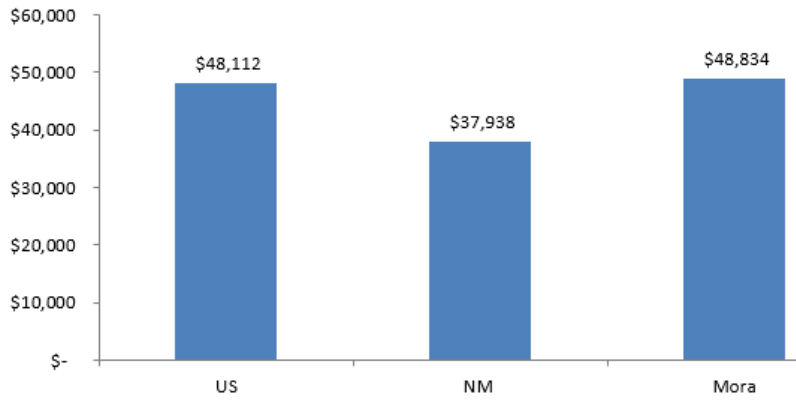
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the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

In this report, LQs are calculated and analyzed for the industries within Mora County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the State of New Mexico as the benchmark are included (see Table 2). For the purposes of 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 are 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.

Mora County, New Mexico

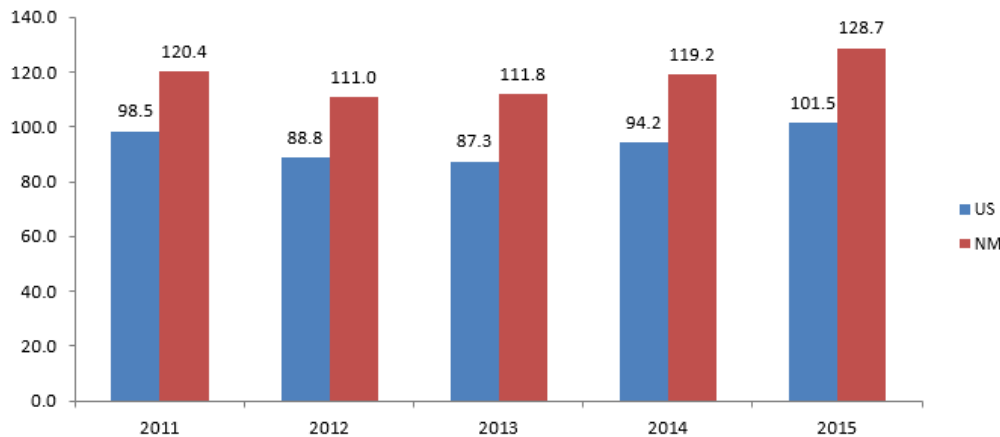
Mora County is located in northeastern New Mexico and contains 1,931 square miles, or 1.59 percent of the land area in New Mexico. The population of Mora County in 2015 was 4,596 or 0.22 percent of the state total population resulting in the county ranking 27th in the state in terms of population. Between 2011 and 2015, the population of Mora County decreased by 3.93 percent. For comparison purposes, New Mexico's population increased by .33 percent and the United States' population increased by 3.11 percent during the same period.

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



Per capita personal income for Mora County in 2015 was \$48,834, ranking 4th in the state in terms of per capita income. Per capita income for Mora County was 128.7 percent of the state average (\$37,938) and 101.5 percent of the national average (\$48,112) (See Figures 1 and 2). Growth in per capita income in Mora County between 2011 and 2015 represented an increase of 16.82 percent. The percent growth for Mora County is significantly higher compared to the state (9.24 percent) and the nation’s rate of growth (13.33 percent) for the same period.

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



In 2015, total employment in Mora County was 1,758 and the county experienced a decrease of 1.18 percent between 2011 and 2015. Compared to state which saw an increase of employment of 2.88 percent and the nation which increased by 7.89 percent within the same period. In 2015, Mora County’s employment to population ratio was 0.38, compared to the state ratio (0.53) and the nation’s ratio (0.59). Given the small population and limited number of establishments in Mora County, disaggregated data by industry for Mora County released from BEA is very limited in order to protect confidentiality. Also, data for industries with fewer than 10 total employees was not publicly released. In both cases, industry data for these industries are included in annual countywide totals.

In 2015, 48.98 percent of Mora County was employed in the Private sector, 33.67 percent is employed in Farm employment, and 17.35 percent in Government and government enterprises. Within the private sector and from the data available, the industry with the highest percent of total employment was: Retail trade (5.29). In the past, other industries listed here were Finance and insurance, and Transportation and warehousing. However, no data was disclosed for this year for these industries. For the public sector, Local government was the largest employer with 11.83 percent of total employment. Federal/civilian employment was 2.28 percent of total employment; State government was 2.56 percent, and 0.68 percent of total employment is Military. Mora County employment by sector is displayed in Table 7.

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

Table 1 contains LQs for Mora County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Mora County from 2011 to 2015 calculated with respect to the state of New Mexico. From the available data and 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. The sectors with an LQ greater than 1.0 have been shaded.

The great importance of the agricultural sector, herein specified by Farm employment is reflected in the highest LQs in Mora County for this industry. Farm employment, with a LQ of 24.24 in 2015, has an LQ exceeding 22.27 for all years considered. The agricultural sector is considered a basic industry for Mora County in 2015. In the past, industries with high LQs included: Forestry, fishing, and related activities, and Finance and insurance sector, however, for this time period considered no data was available.

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 had an LQ of 1.54 and is considered a basic industry for Mora County. This LQ reflects the employment base of the Mora National Fish Hatchery and Technology center, an office of the U.S. Fish and Wildlife Service, located in Mora County. Local government employment with an LQ of 1.60 may be under consideration as a basic industry. However, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Mora County will be considered as a non-basic industry.

The data and analysis suggest that in 2015 the following industries should be considered basic industries in Mora County:

1. The agricultural sector, with farm employment accounted for 592 jobs.
2. Federal civilian employment accounted for 40 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 Mora County, the multiplier is equal to 2.78 (1,758 / 632). This ratio suggests that the addition of each basic sector job in Mora County would be associated with additional 2.78 non-basic sector jobs. The export base multiplier (2.78) calculated above reinforces the importance of basic (exporting) industries to the economy of Mora 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 Mora 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.

Summary of 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 for population data. The population for Mora County in 2014 was 4,582, increasing to 4,596 in 2015, an increase of 0.31 percent. Per capita personal income for Mora County in 2015 was \$48,834, an 11.74 percent increase from \$43,705 in 2014. The basic industries for Mora County did not include Forestry, fishing, and related activities and the Finance and insurance sector due to unavailable employment data, but in the past had been considered basic industries.

Tables 1 to 10 appear on pages 6-15

Table 1: Location Quotients for Mora County (US Base) 2011-2015					
US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.58	0.58	0.57	0.58	0.59
Proprietors employment	2.47	2.49	2.51	2.48	2.43
Farm proprietors employment	28.26	29.47	31.11	31.31	31.48
Nonfarm proprietors employment	1.17	1.17	1.13	1.14	1.13
By industry	N/A	N/A	N/A	N/A	N/A
Farm employment	22.27	22.87	24.32	24.06	24.24
Nonfarm employment	0.68	0.67	0.66	0.67	0.67
Private nonfarm employment	0.56	0.56	0.54	0.56	0.57
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	0.52	0.52	0.54	0.54	0.53
Transportation and warehousing	0.75	0.72	0.73	0.59	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	0.39	0.31	0.34	0.41	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	0.32	0.31	0.29	0.30	0.30
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	0.48	N/A	0.42	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.64	N/A	N/A	N/A	N/A
Accommodation and food services	0.31	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	0.75	N/A	0.79	0.79
Government and government enterprises	1.37	1.38	1.40	1.41	1.37
Federal, civilian	1.53	1.47	1.55	1.71	1.54
Military	0.62	0.64	0.68	0.66	0.66
State and local	1.42	1.45	1.45	1.44	1.41
State government	0.92	0.94	1.01	1.01	0.92
Local government	1.61	1.64	1.62	1.61	1.60
Total employment	1.00	1.00	1.00	1.00	1.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

Table 2: Location Quotients for Mora County (NM Base) 2011-2015

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.57	0.57	0.57	0.57	0.58
Proprietors employment	2.57	2.57	2.61	2.60	2.52
Farm proprietors employment	15.47	15.12	15.81	15.73	15.53
Nonfarm proprietors employment	1.28	1.26	1.24	1.25	1.23
By industry					
Farm employment	13.00	12.61	12.99	13.16	12.83
Nonfarm employment	0.68	0.68	0.67	0.68	0.68
Private nonfarm employment	0.62	0.62	0.60	0.61	0.63
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	0.50	0.50	0.52	0.51	0.50
Transportation and warehousing	1.06	1.00	1.01	0.83	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	0.64	0.51	0.56	0.66	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	0.30	0.29	0.28	0.30	0.30
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	0.60	N/A	0.52	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.65	N/A	N/A	N/A	N/A
Accommodation and food services	0.28	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	0.85	N/A	0.90	0.91
Government and government enterprises	0.94	0.94	0.94	0.94	0.91
Federal, civilian	0.83	0.80	0.85	0.94	0.85
Military	0.43	0.43	0.45	0.43	0.44
State and local	1.02	1.02	1.02	1.00	0.97
State government	0.50	0.51	0.54	0.53	0.48
Local government	1.30	1.31	1.28	1.26	1.25
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 3: Mora County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	803	45.68
Proprietors employment	955	54.32
Farm proprietors employment	531	30.20
Nonfarm proprietors employment	424	24.12
By industry		
Farm employment	592	33.67
Nonfarm employment	1,166	66.33
Private nonfarm employment	861	48.98
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	(D)	N/A
Construction	(D)	N/A
Manufacturing	(D)	N/A
Wholesale trade	(D)	N/A
Retail trade	93	5.29
Transportation and warehousing	(D)	N/A
Information	(D)	N/A
Finance and insurance	(D)	N/A
Real estate and rental and leasing	(L)	N/A
Professional, scientific, and technical services	37	2.10
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	(D)	N/A
Educational services	(D)	N/A
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	81	4.61
Government and government enterprises	305	17.35
Federal, civilian	40	2.28
Military	12	0.68
State and local	253	14.39
State government	45	2.56
Local government	208	11.83
Total employment	1,758	100.00

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

Table 4: Mora County Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	802	803	762	770	803
Proprietors employment	977	973	950	944	955
Farm proprietors employment	535	539	542	531	531
Nonfarm proprietors employment 2/	442	434	408	413	424
By industry					
Farm employment	593	595	604	586	592
Nonfarm employment	1,186	1,181	1,108	1,128	1,166
Private nonfarm employment	851	850	792	816	861
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	(D)	(D)	(D)	(D)	(D)
Construction	(D)	(D)	(D)	(D)	(D)
Manufacturing	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)
Retail trade	94	93	94	93	93
Transportation and warehousing	43	42	41	34	(D)
Information	(D)	(D)	(D)	(D)	(D)
Finance and insurance	38	30	31	36	(D)
Real estate and rental and leasing	(L)	(L)	(L)	(L)	(L)
Professional, scientific, and technical services	39	37	34	36	37
Management of companies and enterprises	(D)	(D)	(D)	(D)	(D)
Administrative and waste management services	(D)	53	(D)	45	(D)
Educational services	(D)	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	(D)	(D)	(D)
Arts, entertainment, and recreation	25	(D)	(D)	(D)	(D)
Accommodation and food services	38	(D)	(D)	(D)	(D)
Other services, except public administration	(D)	77	(D)	79	81
Government and government enterprises	335	331	316	312	305
Federal, civilian	45	42	41	44	40
Military	13	13	13	12	12
State and local	277	276	262	256	253
State government	49	49	50	49	45
Local government	228	227	212	207	208
Total employment	1,779	1,776	1,712	1,714	1,758

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	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	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: Mora County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Mora County
By type			
Wage and salary employment	77.62	78.45	45.68
Proprietors employment	22.38	21.55	54.32
Farm proprietors employment	0.96	1.94	30.20
Nonfarm proprietors employment	21.42	19.61	24.12
By industry			
Farm employment	1.39	2.63	33.67
Nonfarm employment	98.61	97.37	66.33
Private nonfarm employment	85.92	78.34	48.98
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	5.29
Transportation and warehousing	3.47	2.41	N/A
Information	1.78	1.46	N/A
Finance and insurance	5.07	3.16	N/A
Real estate and rental and leasing	4.59	3.69	N/A
Professional, scientific, and technical services	6.96	7.08	2.10
Management of companies and enterprises	1.28	0.53	N/A
Administrative and waste management services	6.32	4.94	N/A
Educational services	2.45	1.60	N/A
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	4.61
Government and government enterprises	12.69	19.03	17.35
Federal, civilian	1.48	2.66	2.28
Military	1.03	1.54	0.68
State and local	10.19	14.82	14.39
State government	2.79	5.38	2.56
Local government	7.40	9.45	11.83
Total employment	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>			

Table 8: Mora County Percent of Employment by Sectors 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	45.08	45.21	44.51	44.92	45.68
Proprietors employment	54.92	54.79	55.49	55.08	54.32
Farm proprietors employment	30.07	30.35	31.66	30.98	30.20
Nonfarm proprietors employment	24.85	24.44	23.83	24.10	24.12
By industry	N/A	N/A	N/A	N/A	N/A
Farm employment	33.33	33.50	35.28	34.19	33.67
Nonfarm employment	66.67	66.50	64.72	65.81	66.33
Private nonfarm employment	47.84	47.86	46.26	47.61	48.98
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	5.28	5.24	5.49	5.43	5.29
Transportation and warehousing	2.42	2.36	2.39	1.98	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	2.14	1.69	1.81	2.10	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	2.19	2.08	1.99	2.10	2.10
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	N/A	2.98	N/A	2.63	N/A
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	1.41	N/A	N/A	N/A	N/A
Accommodation and food services	2.14	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	4.34	N/A	4.61	4.61
Government and government enterprises	18.83	18.64	18.46	18.20	17.35
Federal, civilian	2.53	2.36	2.39	2.57	2.28
Military	0.73	0.73	0.76	0.70	0.68
State and local	15.57	15.54	15.30	14.94	14.39
State government	2.75	2.76	2.92	2.86	2.56
Local government	12.82	12.78	12.38	12.08	11.83
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