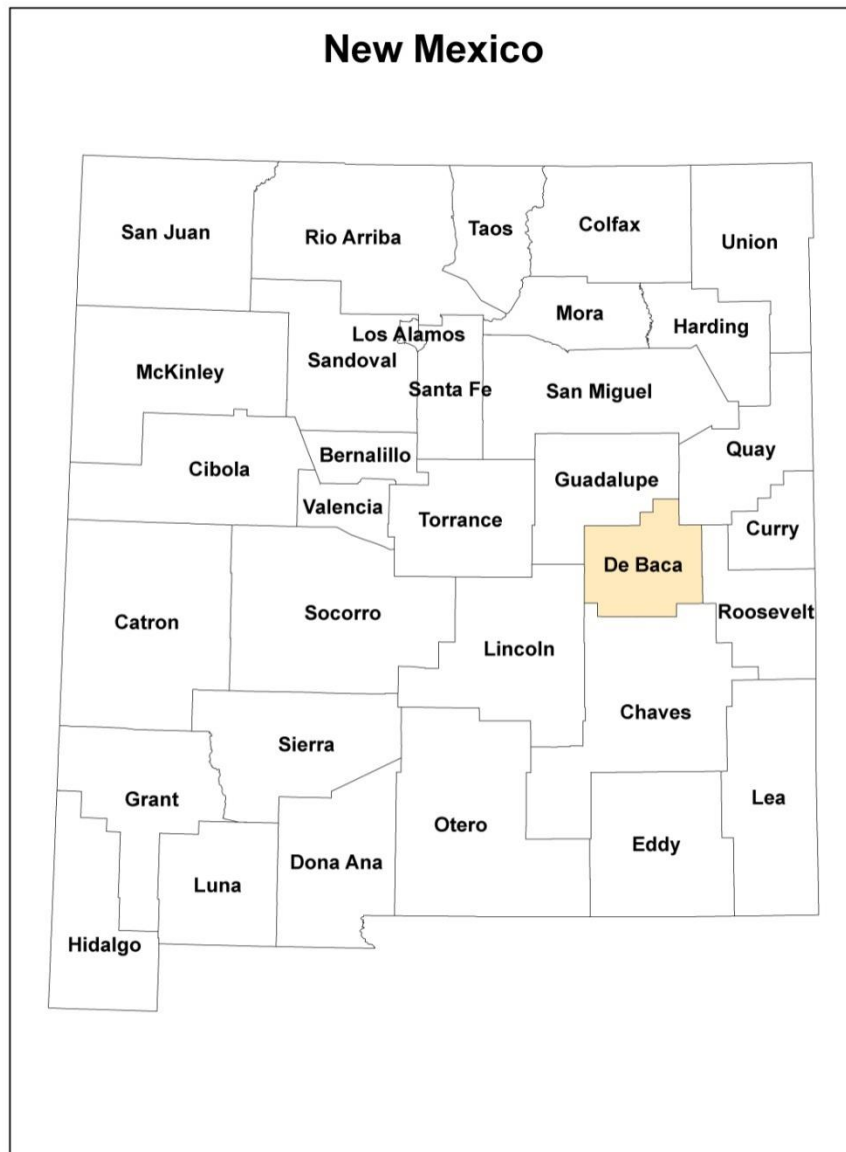




The Economic Base of De Baca County, NM

**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 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:

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

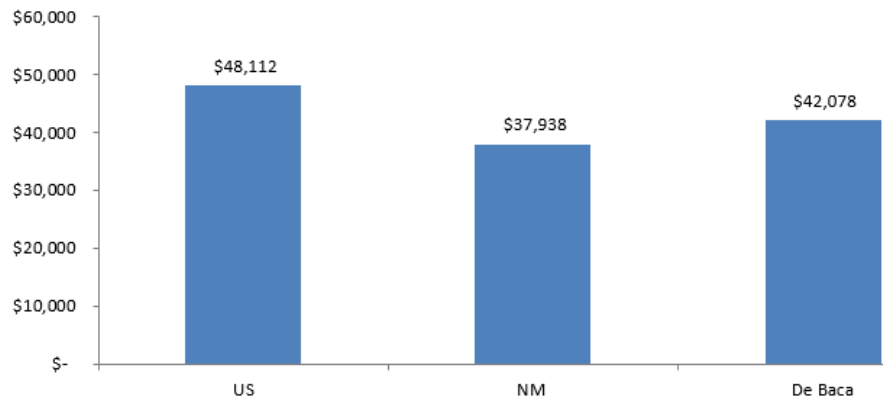
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 De Baca 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 were available and the four preceding years (2011-2015). The economic data used in this report were from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

De Baca County, New Mexico

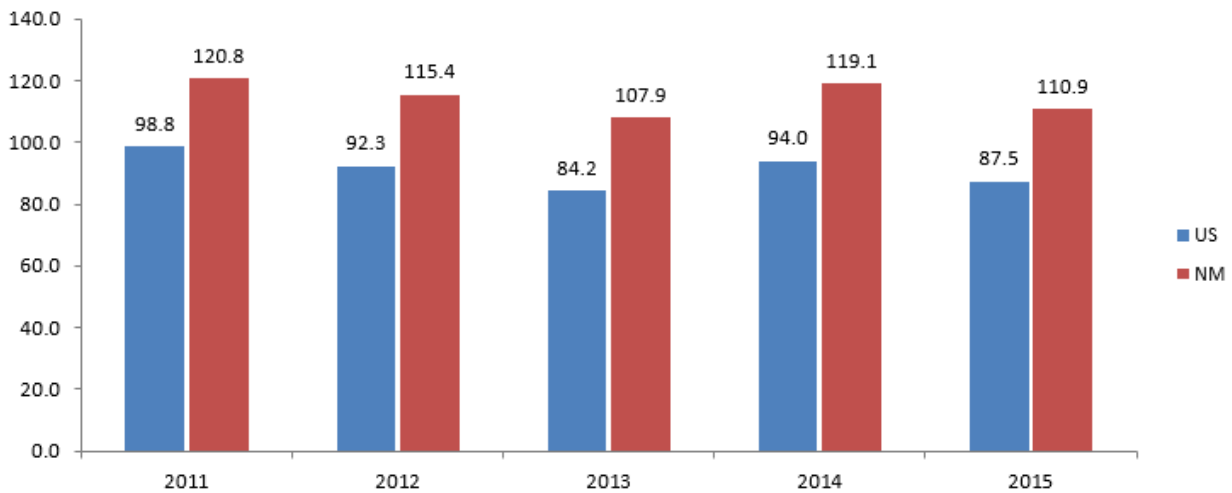
De Baca County is located in central eastern New Mexico and contains 2,322.62 square miles, or 1.91 percent of the land area in New Mexico. The population of De Baca County in 2015 was 1,828 or 0.09 percent of the state total, ranking 32nd in the state of New Mexico in terms of population. Between 2011 and 2015, the population of De Baca County decreased by 7.16 percent. The Town of Fort Sumner with a population of 915 in 2015 contained 50 percent of the population of De Baca County (U.S Census Bureau, 2017). The population of town of Fort Sumner, as the largest community in the county, decreased by 2.03 percent between 2014 and 2015, from 934 in 2014 to 915 in 2015. For comparison purposes, New Mexico's population increased by .33 percent and the United States population increased by 3.11 percent between 2011 and 2015.

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



Per capita personal income in De Baca County in 2015 was \$ 42,078, ranking 6th in the state in terms of per capita income. Per capita income for De Baca County in 2015 was 110.9 percent of the state average (\$37,938) and 87.46 percent of the national average (\$48,112) (See Figure 1 and 2). Between 2011 and 2015, per capita income in De Baca County increased by .28 percent. The growth rate of per capita income in De Baca County between 2011 and 2015 is below to the state growth rate (9.24 percent) and the national rate (13.33 percent) for the same period

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



Total employment in De Baca County in 2015 was 999. Between 2011 and 2015, total employment in De Baca County increased by 3.10 percent, higher than the state which had an increase in employment of 2.88 percent and lower than the nation which had an increase of 7.89 percent. The De Baca County employment to population ratio was 0.55, compared to the state (0.53) and nation (0.59).

Disaggregated data for De Baca County by industry is very limited. In order to avoid disclosure of confidential information or when industries have less than 10 jobs, the number by industry is not

published and the estimates are included in the totals. The analysis herein will be limited to the data available. In 2015, 55.06 percent of all workers in De Baca County were employed in the Private sector, while 19.82 percent were employed in Government enterprises and 25.13 percent in Farm employment. The industries, in 2015, with the highest percentage of total employment were: Retail trade (10.81), and Real estate and rental and leasing (6.06). Local government was the largest employer in the public sector with 15.42 percent of total employment. State government accounted for 2.9 percent of total employment and Federal/civilian for 1.0 percent. Employment for De Baca County by sector is displayed in Table 3.

Basic and Non-Basic Industries in De Baca County, New Mexico

Table 1 contains LQs for De Baca County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for De Baca County from 2011 to 2015 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.00 with respect to U.S. employment is considered a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The great importance of Farm employment is represented by the highest LQ for De Baca of 18.09 for 2015. Farm employment is considered a basic industry in the county. Although this LQ has been above 16.06 between 2011 and 2015, it has fluctuated over the past five years. In the private sector, Mining can also be considered a basic economic activity in De Baca County. This sector had an LQ of 2.15, with a small increase and decrease compared to previous years. In the past Arts, entertainment, and recreation was considered a basic industry, however, its LQs have fallen below 1.0 for the time period considered. Also, in the past, Finance and insurance, Real estate and rental and leasing were also considered basic industries, however data for 2015 was not available for analysis and therefore they will not be included as basic industries.

Utilities also had an LQ of 5.69 in 2011 and the data for 2012 to 2015 was not available for analysis, however this sector in De Baca County is considered non-basic or support activities. In the public sector, the entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. Under this category, the state government had an LQ of 1.04 and the local government had an LQ of 2.08. However, local government is generally categorized as non-basic given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for De Baca County will be considered a non-basic industry.

In brief, the data and analysis suggests that in 2015, the following industries are considered basic industries in De Baca County:

1. Farm employment, accounted for 251 jobs.
2. Mining, accounted for 17 jobs.
3. State government, accounted for 29 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 De Baca County the multiplier is equal to 3.36 (999 / 297). This ratio suggests the addition of each basic sector job in De Baca County would be associated with additional 3.36 non-basic sector jobs. The export base multiplier (3.36) calculated above reinforces the importance of basic (exporting) industries to the economy of De Baca 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 De Baca 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 De Baca County increased by .05 percent, from 1,827 in 2014 to 1,828 in 2015. From 2014 to 2015, per capita income for De Baca County decreased by 3.59 percent from \$43,646 in 2014 to \$ 42,078 in 2015. Total employment decreased from the previous year by an additional 10 jobs, a .99 percent decrease. The Finance and insurance sector was not included in analysis due to data being unavailable for 2015.

Tables 1 to 10 appear on pages 6-15

Table 1: Location Quotients for De Baca County (US Base) 2011-2015					
US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.79	0.78	0.81	0.80	0.79
Proprietors employment	1.74	1.79	1.65	1.72	1.74
Farm proprietors employment	15.61	16.56	17.43	16.83	17.53
Nonfarm proprietors employment	1.04	1.06	0.89	1.01	1.03
By industry					
Farm employment	16.06	16.91	18.30	16.95	18.09
Nonfarm employment	0.77	0.76	0.75	0.77	0.76
Private nonfarm employment	0.63	0.63	0.61	0.64	0.64
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	2.49	1.88	2.03	1.97	2.15
Utilities	5.69	N/A	N/A	N/A	N/A
Construction	0.97	N/A	N/A	0.87	0.88
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	0.56	N/A	N/A	0.87	0.98
Retail trade	1.04	1.08	1.18	1.09	1.07
Transportation and warehousing	0.83	0.99	0.73	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
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	0.19	0.21	N/A	0.19	0.19
Educational services	N/A	0.43	N/A	0.41	0.45
Health care and social assistance	0.69	0.62	N/A	0.58	0.52
Arts, entertainment, and recreation	N/A	1.05	0.85	0.79	0.80
Accommodation and food services	N/A	0.44	0.45	0.46	0.50
Other services, except public administration	N/A	0.58	0.56	N/A	N/A
Government and government enterprises	1.64	1.61	1.63	1.63	1.56
Federal, civilian	0.87	0.82	0.95	0.99	0.68
Military	N/A	N/A	N/A	N/A	N/A
State and local	1.89	1.85	1.85	1.85	1.80
State government	1.07	1.04	1.09	1.05	1.04
Local government	2.19	2.16	2.14	2.15	2.08
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 De Baca County (NM Base) 2011-2015					
	2011	2012	2013	2014	2015
NM Based					
By type					
Wage and salary employment	0.78	0.77	0.81	0.78	0.78
Proprietors employment	1.80	1.84	1.72	1.80	1.81
Farm proprietors employment	8.54	8.50	8.85	8.45	8.65
Nonfarm proprietors employment	1.13	1.15	0.98	1.12	1.13
By industry					
Farm employment	9.38	9.32	9.78	9.27	9.57
Nonfarm employment	0.78	0.77	0.76	0.78	0.77
Private nonfarm employment	0.69	0.69	0.67	0.70	0.70
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.66	0.51	0.52	0.48	0.52
Utilities	4.35	N/A	N/A	N/A	N/A
Construction	0.87	N/A	N/A	0.81	0.83
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	0.79	N/A	N/A	1.21	1.34
Retail trade	1.01	1.04	1.13	1.04	1.02
Transportation and warehousing	1.17	1.37	1.02	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
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	0.22	0.26	N/A	0.24	0.24
Educational services	N/A	0.67	N/A	0.64	0.69
Health care and social assistance	0.67	0.61	N/A	0.57	0.49
Arts, entertainment, and recreation	N/A	1.05	0.86	0.80	0.79
Accommodation and food services	N/A	0.40	0.41	0.41	0.45
Other services, except public administration	N/A	0.65	0.64	N/A	N/A
Government and government enterprises	1.13	1.09	1.10	1.09	1.04
Federal, civilian	0.47	0.45	0.52	0.55	0.38
Military	N/A	N/A	N/A	N/A	N/A
State and local	1.35	1.30	1.30	1.27	1.24
State government	0.58	0.57	0.59	0.55	0.54
Local government	1.77	1.71	1.69	1.69	1.63
Total employment	1.0	1.0	1.0	1.0	1.0

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

Table 3: De Baca County, Total Employment by Industry 2015

	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	610	61.06
Proprietors employment	389	38.94
Farm proprietors employment	168	16.82
Nonfarm proprietors employment	221	22.12
By industry		0.00
Farm employment	251	25.13
Nonfarm employment	748	74.87
Private nonfarm employment	550	55.06
Forestry, fishing, and related activities	(D)	N/A
Mining	17	1.70
Utilities	(D)	N/A
Construction	46	4.60
Manufacturing	(D)	N/A
Wholesale trade	35	3.50
Retail trade	108	10.81
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	(D)	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	12	1.20
Educational services	11	1.10
Health care and social assistance	58	5.81
Arts, entertainment, and recreation	18	1.80
Accommodation and food services	37	3.70
Other services, except public administration	(D)	N/A
Government and government enterprises	198	19.82
Federal, civilian	10	1.00
Military	(L)	N/A
State and local	183	18.32
State government	29	2.90
Local government	154	15.42
Total employment	999	100.00

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

Table 4: De Baca County Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	595	598	604	624	610
Proprietors employment	374	387	349	385	389
Farm proprietors employment	161	168	169	168	168
Nonfarm proprietors employment 2/	213	219	180	217	221
By industry					
Farm employment	233	244	253	243	251
Nonfarm employment	736	741	700	766	748
Private nonfarm employment	517	528	495	553	550
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	17	16	17	17	17
Utilities	18	(D)	(D)	(D)	(D)
Construction	47	(D)	(D)	45	46
Manufacturing	(D)	(D)	(D)	(D)	(D)
Wholesale trade	19	(D)	(D)	31	35
Retail trade	103	107	113	111	108
Transportation and warehousing	26	32	23	(D)	(D)
Information	(D)	(D)	(D)	(D)	(D)
Finance and insurance	(D)	(D)	(D)	(D)	(D)
Real estate and rental and leasing	(L)	(L)	(L)	(L)	(L)
Professional, scientific, and technical services	(D)	(D)	(D)	(D)	(D)
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	11	13	(L)	12	12
Educational services	(L)	10	(L)	10	11
Health care and social assistance	74	69	(D)	66	58
Arts, entertainment, and recreation	(D)	23	18	18	18
Accommodation and food services	(D)	31	31	34	37
Other services, except public administration	(D)	33	31	(D)	(D)
Government and government enterprises	219	213	205	213	198
Federal, civilian	14	13	14	15	10
Military	(L)	(L)	(L)	(L)	(L)
State and local	200	195	186	193	183
State government	31	30	30	30	29
Local government	169	165	156	163	154
Total employment	969	985	953	1009	999

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: De Baca County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	De Baca County
By type			
Wage and salary employment	77.62	78.45	61.06
Proprietors employment	22.38	21.55	38.94
Farm proprietors employment	0.96	1.94	16.82
Nonfarm proprietors employment	21.42	19.61	22.12
By industry			
Farm employment	1.39	2.63	25.13
Nonfarm employment	98.61	97.37	74.87
Private nonfarm employment	85.92	78.34	55.06
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	1.70
Utilities	0.31	0.42	N/A
Construction	5.23	5.53	4.60
Manufacturing	6.88	3.11	N/A
Wholesale trade	3.57	2.61	3.50
Retail trade	10.07	10.56	10.81
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	N/A
Management of companies and enterprises	1.28	0.53	0.00
Administrative and waste management services	6.32	4.94	1.20
Educational services	2.45	1.60	1.10
Health care and social assistance	11.20	11.83	5.81
Arts, entertainment, and recreation	2.26	2.27	1.80
Accommodation and food services	7.38	8.27	3.70
Other services, except public administration	5.80	5.07	N/A
Government and government enterprises	12.69	19.03	19.82
Federal, civilian	1.48	2.66	1.00
Military	1.03	1.54	N/A
State and local	10.19	14.82	18.32
State government	2.79	5.38	2.90
Local government	7.40	9.45	15.42
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: De Baca County Percent of Employment by Sectors 2011-2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	61.40	60.71	63.38	61.84	61.06
Proprietors employment	38.60	39.29	36.62	38.16	38.94
Farm proprietors employment	16.62	17.06	17.73	16.65	16.82
Nonfarm proprietors employment	21.98	22.23	18.89	21.51	22.12
By industry					
Farm employment	24.05	24.77	26.55	24.08	25.13
Nonfarm employment	75.95	75.23	73.45	75.92	74.87
Private nonfarm employment	53.35	53.60	51.94	54.81	55.06
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	1.75	1.62	1.78	1.68	1.70
Utilities	1.86	N/A	N/A	N/A	N/A
Construction	4.85	N/A	N/A	4.46	4.60
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	1.96	N/A	N/A	3.07	3.50
Retail trade	10.63	10.86	11.86	11.00	10.81
Transportation and warehousing	2.68	3.25	2.41	N/A	N/A
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
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	1.14	1.32	N/A	1.19	1.20
Educational services	N/A	1.02	N/A	0.99	1.10
Health care and social assistance	7.64	7.01	N/A	6.54	5.81
Arts, entertainment, and recreation	N/A	2.34	1.89	1.78	1.80
Accommodation and food services	N/A	3.15	3.25	3.37	3.70
Other services, except public administration	N/A	3.35	3.25	N/A	N/A
Government and government enterprises	22.60	21.62	21.51	21.11	19.82
Federal, civilian	1.44	1.32	1.47	1.49	1.00
Military	N/A	N/A	N/A	N/A	N/A
State and local	20.64	19.80	19.52	19.13	18.32
State government	3.20	3.05	3.15	2.97	2.90
Local government	17.44	16.75	16.37	16.15	15.42
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