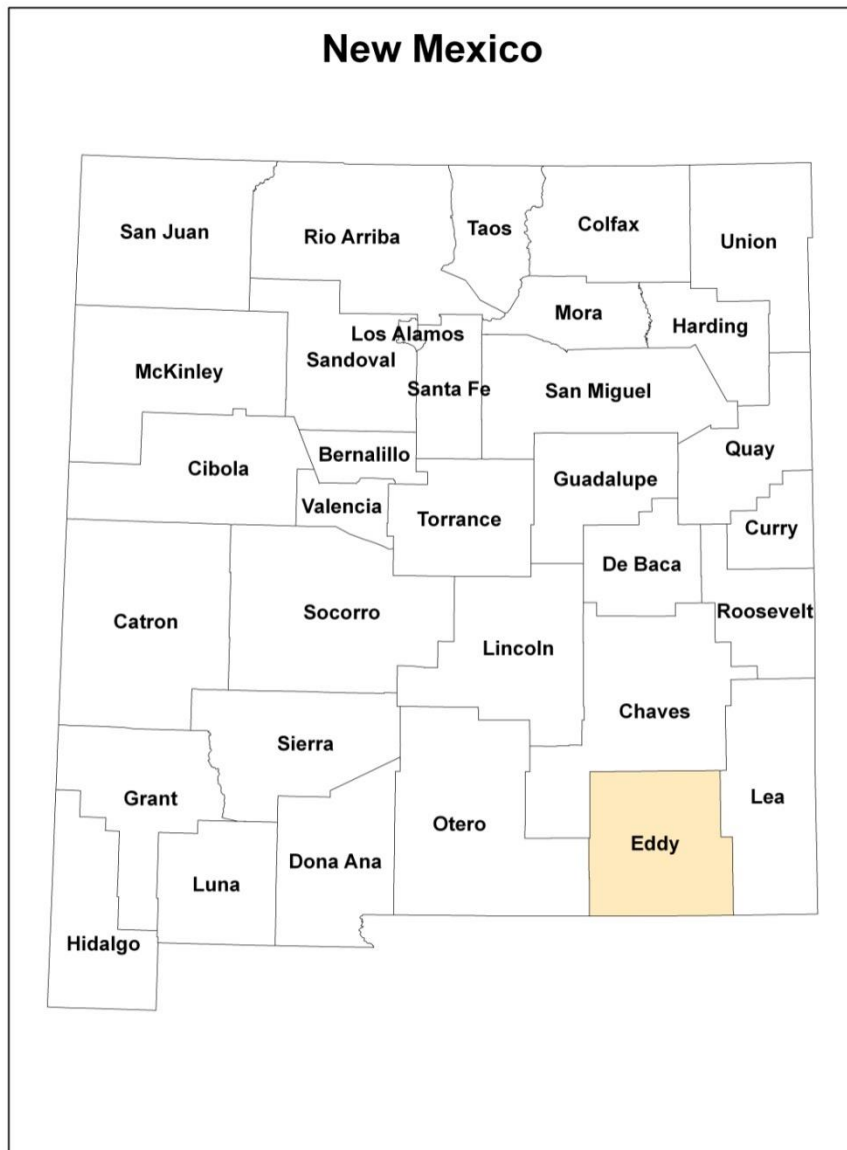




The Economic Base of Eddy County, NM

**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:

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

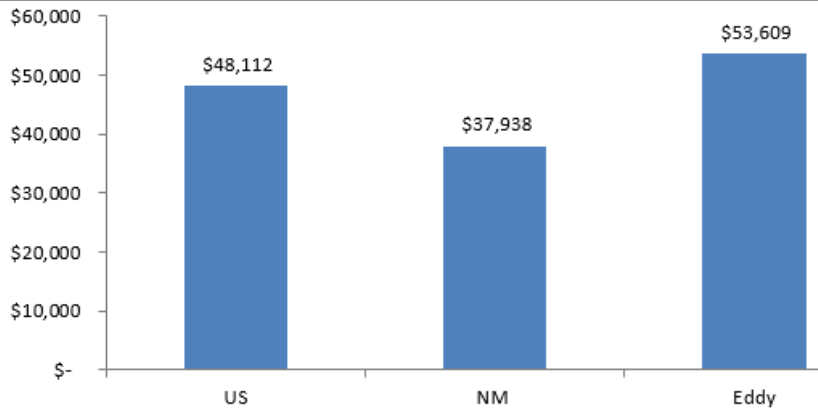
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the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

Eddy County, New Mexico

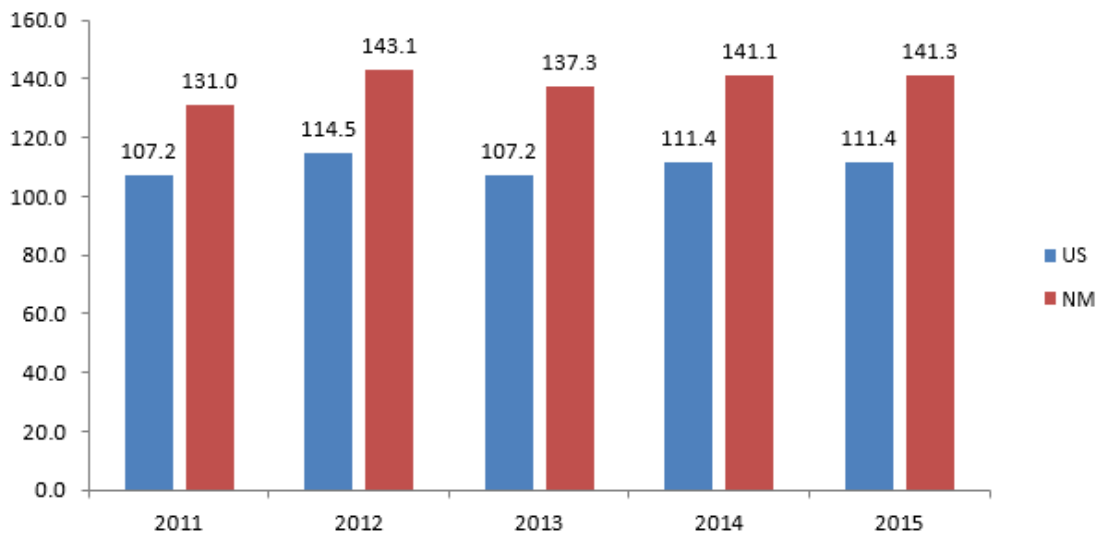
Eddy County is located in southeastern New Mexico and encompasses 4,175.73 square miles, or 3.44 percent of the land area in New Mexico. The population of Eddy County in 2015 was 57,578, or 2.70 percent of the state total, ranking 11th in the state of New Mexico in terms of population. Between 2011 and 2015, the population of Eddy County increased by 6.53 percent. The City of Carlsbad, with a population of 28,930 in 2015, accounted for 50.2 percent of the population of Eddy County (U.S Census Bureau, 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: Eddy County (2015)



Per capita personal income in Eddy County in 2015 was \$53,609, ranking 2nd in the state in terms of per capita income. Per capita income for Eddy County was 141.3 percent of the state’s per capita personal income (\$37,938) and 111.4 percent of the national average (\$48,112) (See Figure 1 and 2). Between 2011 and 2015, the growth rate of per capita income in Eddy County increased by 17.81 percent, substantially higher than the state growth rate (9.24) and the nation (13.33) for the same period. This per capita personal income growth rate fluctuates for Eddy county significantly.

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



Total employment in Eddy County in 2015 was 36,710. Between 2011 and 2015, total employment in Eddy County increased 15.75 percent, significantly higher than the state which had an increase in employment of 2.88 percent and the nation which had a 7.89 percent increase between 2011 and 2015. The employment to population ratio for Eddy County was 0.64, compared to the state (0.53) and the nation (0.59).

In 2015, 86.64 percent of all workers in Eddy County were employed in the private sector, while 11.05 percent were employed in Government and government enterprises, and 2.31 percent were accounted for in Farm employment. Within the private sector, the industries with the highest percentages of total employment included: Mining (24.05), Retail trade (9.29), Health care and Social assistance (8.11), and Construction (7.66). Government employment is largely concentrated at the local government with 7.12 percent of total employment. Federal/civilian, military, and state government employment each accounted for 1.71, .40, and 1.82 percent of total employment respectively. Employment for Eddy County by sector is displayed in Table 3.

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

Table 1 contains LQs for Eddy County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Eddy 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 U.S. employment is considered a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The pronounced importance of Mining within the private sector is represented by the highest LQ for Eddy County (30.41) in 2015. Mining is considered a basic industry in this county. The mining sector has historically been an important economic sector for Eddy County, with LQs above 25.14 for all years considered here. The mining industry in Eddy County includes potash, oil, natural gas extraction, sulfur, salt and gravel. In 2016, the county of Eddy ranked 2nd in oil production and 1st in gas production in the state (Oil Conservation Division, New Mexico Energy, Minerals and Natural Resources Department, 2016).

For 2015, all other industries in Eddy County have relative low LQs compared to its LQ for mining. Farm employment (1.66) is considered a basic industry for Eddy County. Transportation and warehousing (1.20) is also considered a basic industry for Eddy County. Accommodation and food services and Forestry, fishing, and related activities industries will not be considered basic industries for Eddy County in 2015 due to the industries' LQs are below 1.0. Other industries with LQs above 1.0 include: Utilities (2.2) and Construction (1.46). However, the later industries are considered as non-basic industries for Eddy County.

The entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. For Eddy County, Federal/civilian employment with an LQ of 1.16, was the only government sector with an LQ greater than one, and is considered a basic

industry. State government had a LQ of 0.65, while Military had an LQ of 0.39, and Local government had an LQ of 0.96. All other government employment sectors are classified here as non-basic industries in Eddy County.

In brief, the data and analysis suggest that for 2015, the following industries should be considered basic industries in Eddy County:

1. Mining, accounted for 8,830 jobs.
2. Farm employment, accounted for 847 jobs.
3. Transportation and warehousing, accounted for 1,528 jobs.
4. Federal, civilian accounted for 629 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 Eddy County, the multiplier is equal to 3.10 (36,710/ 11,834). This ratio suggests that the addition of each basic sector job in Eddy County would be associated with additional 3.10 non-basic sector jobs. The export base multiplier (3.10) calculated above reinforces the importance of basic (exporting) industries to the economy of Eddy 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 Eddy 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 Eddy County increased by 1.76 percent, from 56,583 in 2014 to 57,578 in 2015. From 2014 to 2015, per capita income increased by 3.65 percent, from \$51,720 in 2014 to \$53,609 in 2015. Total employment increased by 792 jobs or 2.2 percent.

Tables 1 to 10 appear on pages 6-15

Table 1: Location Quotients for Eddy County (US Base) 2011-2015					
US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	1.06	1.04	1.05	1.06	1.06
Proprietors employment	0.78	0.85	0.83	0.79	0.78
Farm proprietors employment	1.38	1.39	1.36	1.35	1.36
Nonfarm proprietors employment	0.75	0.82	0.81	0.76	0.76
By industry					
Farm employment	1.68	1.69	1.71	1.59	1.66
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	1.00	1.01	1.01	1.01	1.01
Forestry, fishing, and related activities	0.94	0.85	0.71	0.73	0.75
Mining	26.16	25.14	27.75	29.28	30.41
Utilities	1.89	1.86	1.89	2.11	2.20
Construction	1.56	1.50	1.40	1.40	1.46
Manufacturing	0.41	0.41	0.40	0.40	0.43
Wholesale trade	0.66	0.62	0.61	0.58	0.62
Retail trade	0.93	0.96	0.93	0.91	0.92
Transportation and warehousing	0.94	1.06	1.17	1.27	1.20
Information	N/A	N/A	0.51	0.46	0.45
Finance and insurance	0.61	0.51	0.48	0.47	0.46
Real estate and rental and leasing	0.66	0.56	0.61	0.66	0.64
Professional, scientific, and technical services	N/A	0.39	N/A	0.38	0.42
Management of companies and enterprises	N/A	0.42	N/A	0.46	0.28
Administrative and waste management services	0.95	0.85	0.73	0.72	0.71
Educational services	0.55	0.48	0.39	0.42	0.40
Health care and social assistance	0.84	0.80	0.73	0.71	0.72
Arts, entertainment, and recreation	0.30	0.28	0.25	0.26	0.28
Accommodation and food services	0.94	0.93	0.91	0.94	0.93
Other services, except public administration	0.94	N/A	0.88	0.82	0.84
Government and government enterprises	0.92	0.89	0.87	0.86	0.87
Federal, civilian	1.50	1.31	1.19	1.13	1.16
Military	0.40	0.39	0.39	0.38	0.39
State and local	0.89	0.88	0.87	0.87	0.88
State government	0.75	0.71	0.69	0.68	0.65
Local government	0.94	0.95	0.94	0.94	0.96
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 Eddy County (NM Base) 2011-2015					
NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	1.05	1.03	1.04	1.05	1.05
Proprietors employment	0.81	0.87	0.86	0.83	0.81
Farm proprietors employment	0.76	0.72	0.69	0.68	0.67
Nonfarm proprietors employment	0.81	0.89	0.88	0.84	0.83
By industry					
Farm employment	0.98	0.93	0.91	0.87	0.88
Nonfarm employment	1.00	1.00	1.00	1.00	1.00
Private nonfarm employment	1.10	1.10	1.11	1.11	1.11
Forestry, fishing, and related activities	0.94	0.88	0.73	0.70	0.71
Mining	6.93	6.79	7.14	7.10	7.34
Utilities	1.45	1.40	1.38	1.55	1.63
Construction	1.39	1.38	1.29	1.30	1.39
Manufacturing	0.86	0.85	0.85	0.88	0.94
Wholesale trade	0.93	0.88	0.86	0.81	0.85
Retail trade	0.90	0.93	0.89	0.87	0.88
Transportation and warehousing	1.32	1.46	1.63	1.80	1.72
Information	N/A	N/A	0.61	0.57	0.55
Finance and insurance	1.01	0.85	0.80	0.76	0.74
Real estate and rental and leasing	0.80	0.68	0.75	0.82	0.80
Professional, scientific, and technical services	N/A	0.38	N/A	0.37	0.42
Management of companies and enterprises	N/A	0.99	N/A	1.13	0.68
Administrative and waste management services	1.12	1.04	0.90	0.90	0.91
Educational services	0.84	0.74	0.61	0.65	0.62
Health care and social assistance	0.81	0.77	0.71	0.69	0.69
Arts, entertainment, and recreation	0.30	0.28	0.25	0.26	0.28
Accommodation and food services	0.86	0.84	0.82	0.84	0.83
Other services, except public administration	1.06	N/A	1.01	0.94	0.96
Government and government enterprises	0.63	0.61	0.58	0.57	0.58
Federal, civilian	0.81	0.71	0.65	0.62	0.64
Military	0.28	0.26	0.26	0.25	0.26
State and local	0.63	0.62	0.61	0.60	0.60
State government	0.41	0.38	0.37	0.35	0.34
Local government	0.76	0.76	0.74	0.74	0.75
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: Eddy County, Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	30,268	82.45
Proprietors employment	6,442	17.55
Farm proprietors employment	479	1.30
Nonfarm proprietors employment	5,963	16.24
By industry		
Farm employment	847	2.31
Nonfarm employment	35,863	97.69
Private nonfarm employment	31,805	86.64
Forestry, fishing, and related activities	140	0.38
Mining	8,830	24.05
Utilities	250	0.68
Construction	2,813	7.66
Manufacturing	1,075	2.93
Wholesale trade	812	2.21
Retail trade	3,410	9.29
Transportation and warehousing	1,528	4.16
Information	293	0.80
Finance and insurance	853	2.32
Real estate and rental and leasing	1,080	2.94
Professional, scientific, and technical services	1,086	2.96
Management of companies and enterprises	133	0.36
Administrative and waste management services	1,643	4.48
Educational services	362	0.99
Health care and social assistance	2,979	8.11
Arts, entertainment, and recreation	231	0.63
Accommodation and food services	2,507	6.83
Other services, except public administration	1,780	4.85
Government and government enterprises	4,058	11.05
Federal, civilian	629	1.71
Military	148	0.40
State and local	3,281	8.94
State government	669	1.82
Local government	2,612	7.12
Total employment	36,710	100.00

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

Table 4: Eddy County Employment by Industry 2011-2015					
Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	26222	26842	28120	29621	30268
Proprietors employment	5494	6161	6344	6297	6442
Farm proprietors employment	466	474	478	479	479
Nonfarm proprietors employment 2/	5028	5687	5866	5818	5963
By industry					
Farm employment	798	816	856	813	847
Nonfarm employment	30918	32187	33608	35105	35863
Private nonfarm employment	26907	28222	29664	31118	31805
Forestry, fishing, and related activities	146	139	123	132	140
Mining	5855	7188	8420	9002	8830
Utilities	196	198	206	236	250
Construction	2463	2479	2449	2580	2813
Manufacturing	916	942	962	997	1075
Wholesale trade	731	719	737	741	812
Retail trade	3002	3213	3230	3276	3410
Transportation and warehousing	957	1142	1328	1540	1528
Information	(D)	(D)	314	296	293
Finance and insurance	1073	919	897	870	853
Real estate and rental and leasing	944	804	930	1070	1080
Professional, scientific, and technical services	(D)	883	(D)	935	1086
Management of companies and enterprises	(D)	167	(D)	211	133
Administrative and waste management services	1830	1719	1579	1621	1643
Educational services	408	369	322	362	362
Health care and social assistance	2948	2951	2830	2846	2979
Arts, entertainment, and recreation	208	204	189	210	231
Accommodation and food services	2098	2164	2241	2463	2507
Other services, except public administration	1737	(D)	1754	1730	1780
Government and government enterprises	4011	3965	3944	3987	4058
Federal, civilian	786	693	633	609	629
Military	148	148	151	144	148
State and local	3077	3124	3160	3234	3281
State government	709	683	687	691	669
Local government	2368	2441	2473	2543	2612
Total employment	31716	33003	34464	35918	36710

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

Table 5: New Mexico Employment by Industry 2011-2015

	2011	2012	2013	2014	2015
Number of jobs by industry					
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: Eddy County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Eddy County
By type			
Wage and salary employment	77.62	78.45	82.45
Proprietors employment	22.38	21.55	17.55
Farm proprietors employment	0.96	1.94	1.30
Nonfarm proprietors employment	21.42	19.61	16.24
By industry			
Farm employment	1.39	2.63	2.31
Nonfarm employment	98.61	97.37	97.69
Private nonfarm employment	85.92	78.34	86.64
Forestry, fishing, and related activities	0.51	0.54	0.38
Mining	0.79	3.28	24.05
Utilities	0.31	0.42	0.68
Construction	5.23	5.53	7.66
Manufacturing	6.88	3.11	2.93
Wholesale trade	3.57	2.61	2.21
Retail trade	10.07	10.56	9.29
Transportation and warehousing	3.47	2.41	4.16
Information	1.78	1.46	0.80
Finance and insurance	5.07	3.16	2.32
Real estate and rental and leasing	4.59	3.69	2.94
Professional, scientific, and technical services	6.96	7.08	2.96
Management of companies and enterprises	1.28	0.53	0.36
Administrative and waste management services	6.32	4.94	4.48
Educational services	2.45	1.60	0.99
Health care and social assistance	11.20	11.83	8.11
Arts, entertainment, and recreation	2.26	2.27	0.63
Accommodation and food services	7.38	8.27	6.83
Other services, except public administration	5.80	5.07	4.85
Government and government enterprises	12.69	19.03	11.05
Federal, civilian	1.48	2.66	1.71
Military	1.03	1.54	0.40
State and local	10.19	14.82	8.94
State government	2.79	5.38	1.82
Local government	7.40	9.45	7.12
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: Eddy County Percent of Employment by Sectors 2011-2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	82.68	81.33	81.59	82.47	82.45
Proprietors employment	17.32	18.67	18.41	17.53	17.55
Farm proprietors employment	1.47	1.44	1.39	1.33	1.30
Nonfarm proprietors employment	15.85	17.23	17.02	16.20	16.24
By industry					
Farm employment	2.52	2.47	2.48	2.26	2.31
Nonfarm employment	97.48	97.53	97.52	97.74	97.69
Private nonfarm employment	84.84	85.51	86.07	86.64	86.64
Forestry, fishing, and related activities	0.46	0.42	0.36	0.37	0.38
Mining	18.46	21.78	24.43	25.06	24.05
Utilities	0.62	0.60	0.60	0.66	0.68
Construction	7.77	7.51	7.11	7.18	7.66
Manufacturing	2.89	2.85	2.79	2.78	2.93
Wholesale trade	2.30	2.18	2.14	2.06	2.21
Retail trade	9.47	9.74	9.37	9.12	9.29
Transportation and warehousing	3.02	3.46	3.85	4.29	4.16
Information	N/A	N/A	0.91	0.82	0.80
Finance and insurance	3.38	2.78	2.60	2.42	2.32
Real estate and rental and leasing	2.98	2.44	2.70	2.98	2.94
Professional, scientific, and technical services	N/A	2.68	N/A	2.60	2.96
Management of companies and enterprises	N/A	0.51	N/A	0.59	0.36
Administrative and waste management services	5.77	5.21	4.58	4.51	4.48
Educational services	1.29	1.12	0.93	1.01	0.99
Health care and social assistance	9.29	8.94	8.21	7.92	8.11
Arts, entertainment, and recreation	0.66	0.62	0.55	0.58	0.63
Accommodation and food services	6.61	6.56	6.50	6.86	6.83
Other services, except public administration	5.48	N/A	5.09	4.82	4.85
Government and government enterprises	12.65	12.01	11.44	11.10	11.05
Federal, civilian	2.48	2.10	1.84	1.70	1.71
Military	0.47	0.45	0.44	0.40	0.40
State and local	9.70	9.47	9.17	9.00	8.94
State government	2.24	2.07	1.99	1.92	1.82
Local government	7.47	7.40	7.18	7.08	7.12
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