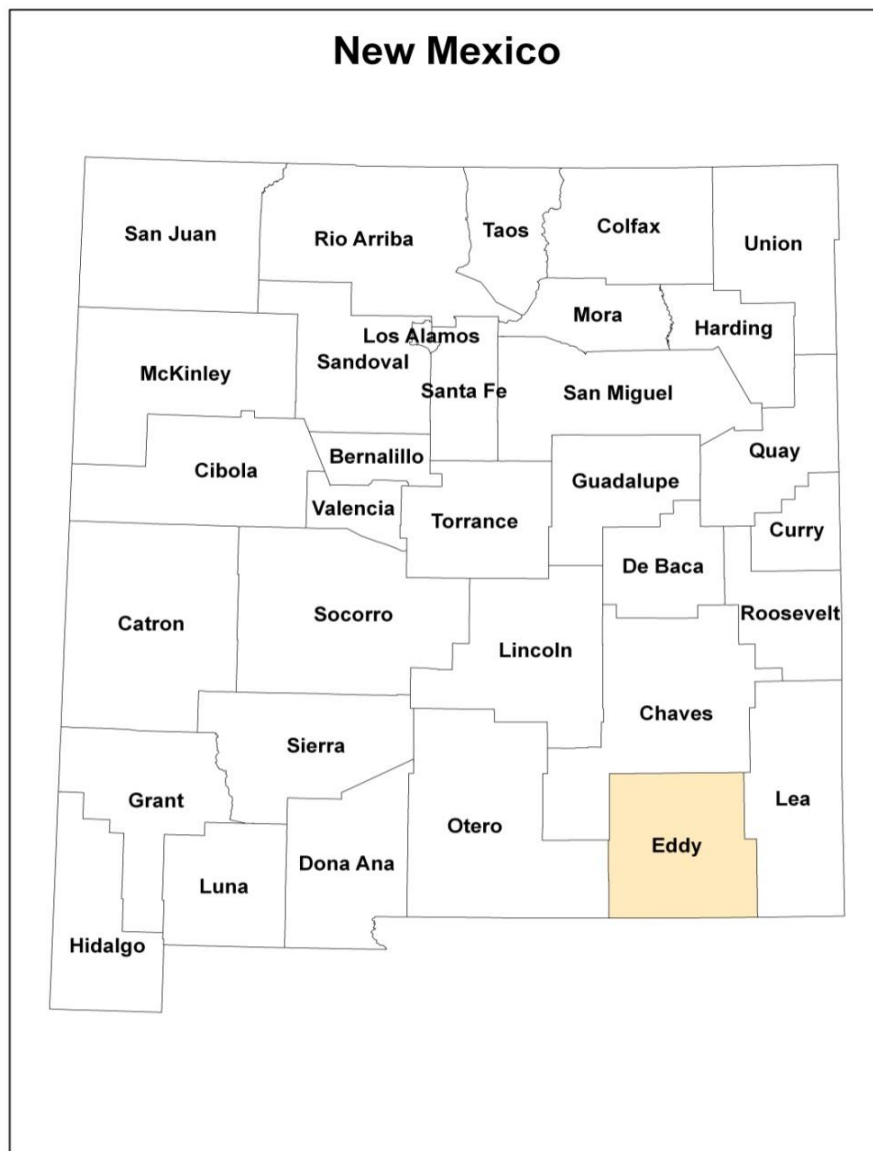


The Economic Base of Eddy County, NM

**PREPARED BY: Arrowhead Center,
New Mexico State University**

DATE: July 2020



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Introduction

This report is one of 35 economic base studies prepared by New Mexico State University's (NMSU) Arrowhead Center. Of the 35 reports, 33 describe the economic base of New Mexico's counties. There are separate reports for the State of New Mexico and for the Albuquerque Metropolitan Statistical Area (MSA). New Mexico has three additional MSAs (Las Cruces, Santa Fe, and Farmington) all of which are single county MSAs; separate reports for these MSAs were not prepared. All 35 reports may be found at <http://arrowheadcenter.nmsu.edu/economic-and-policy-studies/>.

The reports have been prepared under the direction of James Peach. Erin Sumner, a graduate student in the NMSU Doctorate in Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. Our intent is to update these reports on an annual basis.

An economic base study is a descriptive tool used to analyze the composition of local economic activity. Economic base studies are often conducted to help guide local economic development activities and to help economic development officials make decisions such as what type of firms they should attempt to attract to local areas. Economic base studies can also 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:

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

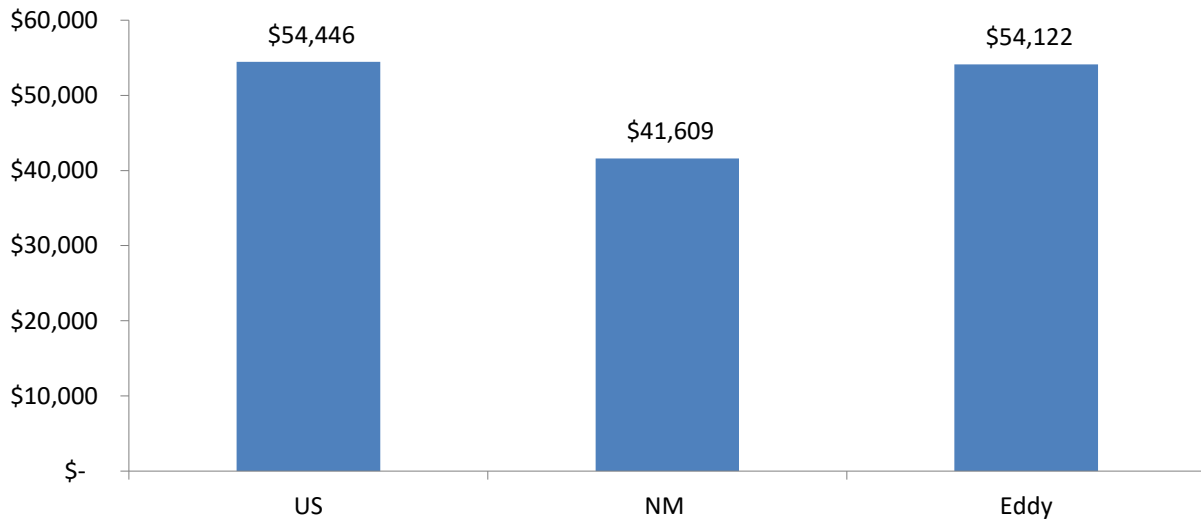
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 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 (2014-2018). 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

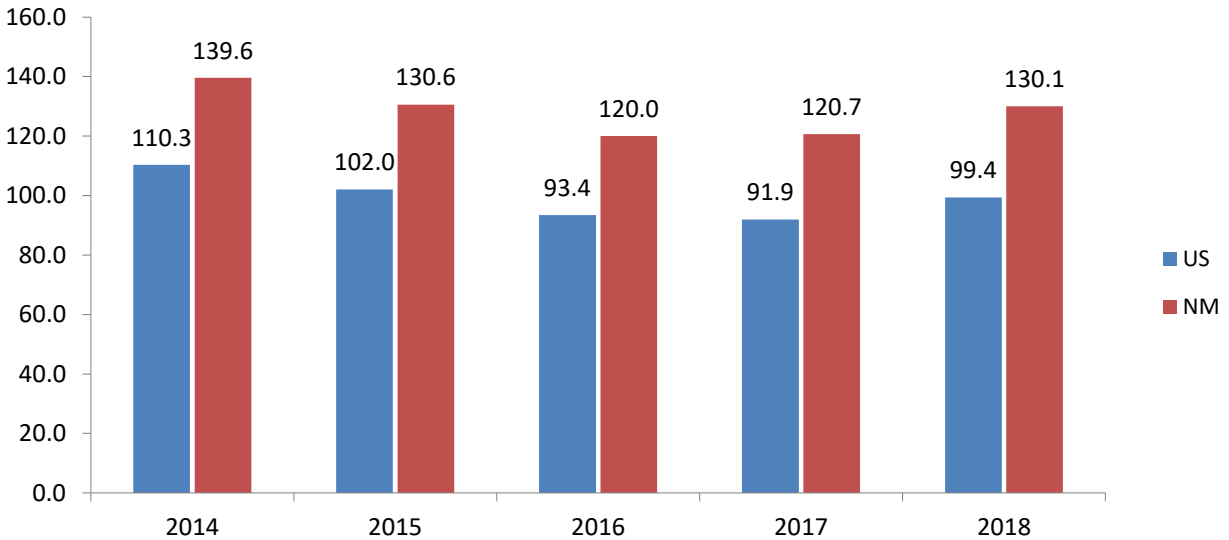
Eddy County is located in southeastern New Mexico and encompasses 4,175.73 square miles, or 3.44 percent of the land area in New Mexico. The population of Eddy County in 2018 was 57,900, or 2.76 percent of the state total, ranking 11th in the state of New Mexico in terms of population. The City of Carlsbad, with a population of 28,838 in 2018, accounted for 49.81 percent of the population of Eddy County (U.S Census Bureau, 2018). Between 2014 and 2018, the population of Eddy County increased by 2.13 percent. For comparison purposes, New Mexico's population increased by 0.24 percent and the United States population increased by 2.76 percent between 2014 and 2018.

Figure 1. Per Capita Personal Income: Eddy (2018)



Per capita personal income in Eddy County in 2018 was \$54,122. Per capita income for Eddy County was 130.07 percent of the state's per capita personal income (\$41,609) and 99.40 percent of the national average (\$54,446) (See Figure 1 and 2). Between 2014 and 2018, the growth rate of per capita income in Eddy County increased by 4.28 percent, substantially lower than the state growth rate (11.91) and the nation (15.70) for the same period.

Figure 2. Per Capita Income of Eddy County as a Percent of U.S. and New Mexico (2014-2018)



Total employment in Eddy County in 2018 was 39,510. Between 2014 and 2018, total employment in Eddy County increased by 9.93 percent, higher than the state which had an increase in employment of 2.93 percent and the nation which had a 7.79 percent increase in employment. The employment to population ratio for Eddy County was 0.68, compared to the state (0.53) and the nation (0.61).

In 2018, 87.59 percent of all workers in Eddy County were employed in the private sector, while 10.27 percent were employed in Government and Government Enterprises, and 2.14 percent were accounted for in Farm employment. Within the private sector, the industries with the highest percentages of total employment included: Mining (25.12), Retail Trade (8.72), Construction (8.25), and Healthcare and Social Assistance (7.60). Government employment is largely concentrated in Local government with 6.69 percent of total employment. Federal/civilian, Military, and State government employment each accounted for 1.74, 0.37, and 1.48 percent of total employment, respectively. Employment for Eddy County by sector is displayed in Table 1.

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

Table 2 contains LQs for Eddy County from 2014 and 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Eddy County from 2014 and

2018 calculated with respect to the state of New Mexico. For the purposes of this report, an 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 (37.26) in 2018. 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 28.83 for all years considered. The mining industry in Eddy County includes potash, oil, natural gas extraction, sulfur, salt and gravel.

For 2018, all other industries in Eddy County had a relatively low LQ compared to the LQ for mining. Farm employment (1.65) is considered a basic industry for Eddy County. Transportation and Warehousing (1.04) is also considered a basic industry for Eddy County. Other industries with LQs above 1.0 include: Utilities (2.13) and Construction (1.51). 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 1.22 is considered a basic industry. Military and State Government in Eddy County both had LQs lower than 1.0 and are not considered basic industries.

In brief, the data and analysis suggest that for 2018, the following industries should be considered basic industries in Eddy County:

1. Mining, accounted for 9,926 jobs.
2. Farm employment, accounted for 846 jobs.
3. Transportation and Warehousing, accounted for 1,913 jobs.
4. Federal/civilian employment, accounted for 686 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment in Eddy County by total employment in the basic sectors. In the case of Eddy County, the multiplier is equal to 2.95 (39,510/13,371). This ratio suggests that the addition of each basic sector job in Eddy County would be associated with additional 2.95 non-basic sector jobs. The export base multiplier (2.95) 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 2017 and 2018, the population of Eddy County increased by 1.21 percent, from 57,205 in 2017 to 57,900 in 2018. From 2017 to 2018, per capita income increased by 13.49 percent, from \$47,687 in 2017 to \$54,122 in 2018. Total employment increased by 3,579 jobs, or 9.96 percent.

Tables 1 to 10 appear on pages 7-16

Table 1: Eddy Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	29622	30302	28357	29208	32695
Proprietors employment	6319	6533	6652	6723	6815
Farm proprietors employment	478	484	483	486	479
Nonfarm proprietors employment 2/	5841	6049	6169	6237	6336
By industry					
Farm employment	812	852	895	857	846
Nonfarm employment	35129	35983	34114	35074	38664
Private nonfarm employment	31133	31928	29971	30983	34605
Forestry, fishing, and related activities	132	130	154	145	166
Mining	9007	9037	7581	8004	9926
Utilities	236	256	249	247	247
Construction	2575	2835	2552	2705	3261
Manufacturing	998	1082	1021	1040	1106
Wholesale trade	762	829	726	726	717
Retail trade	3270	3394	3317	3291	3444
Transportation and warehousing	1546	1565	1415	1608	1913
Information	296	282	261	245	263
Finance and insurance	871	848	872	906	902
Real estate and rental and leasing	1067	1052	976	1001	1111
Professional, scientific, and technical services	935	1028	1026	1102	1458
Management of companies and enterprises	211	141	148	153	174
Administrative and waste management services	1623	1642	1756	1842	1828
Educational services	361	357	388	361	291
Health care and social assistance	2843	2950	3024	2979	3002
Arts, entertainment, and recreation	211	228	250	258	274
Accommodation and food services	2462	2494	2537	2627	2652
Other services, except public administration	1727	1778	1718	1743	1870
Government and government enterprises	3996	4055	4143	4091	4059
Federal, civilian	609	628	682	692	686
Military	152	145	146	145	145
State and local	3235	3282	3315	3254	3228
State government	692	670	625	600	586
Local government	2543	2612	2690	2654	2642
Total employment	35,941	36,835	35,009	35,931	39,510

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

Table 2: Location Quotients for Eddy (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.06	1.06	1.04	1.05	1.08
Proprietors employment	0.79	0.79	0.85	0.82	0.75
Farm proprietors employment	1.35	1.37	1.47	1.48	1.36
Nonfarm proprietors employment	0.76	0.77	0.82	0.79	0.72
By industry					
Farm employment	1.59	1.66	1.87	1.79	1.65
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	1.01	1.01	0.99	1.00	1.01
Forestry, fishing, and related activities	0.73	0.73	0.91	0.85	0.87
Mining	29.22	30.06	28.83	33.19	37.26
Utilities	2.11	2.21	2.21	2.29	2.13
Construction	1.40	1.49	1.37	1.40	1.51
Manufacturing	0.40	0.43	0.43	0.43	0.42
Wholesale trade	0.59	0.63	0.62	0.61	0.57
Retail trade	0.91	0.92	0.95	0.93	0.91
Transportation and warehousing	1.28	1.17	1.05	1.03	1.04
Information	0.46	0.44	0.43	0.39	0.39
Finance and insurance	0.47	0.45	0.47	0.48	0.44
Real estate and rental and leasing	0.66	0.63	0.61	0.60	0.59
Professional, scientific, and technical services	0.38	0.40	0.42	0.44	0.52
Management of companies and enterprises	0.46	0.30	0.31	0.33	0.33
Administrative and waste management services	0.72	0.72	0.81	0.83	0.74
Educational services	0.42	0.40	0.46	0.42	0.31
Health care and social assistance	0.71	0.71	0.77	0.73	0.67
Arts, entertainment, and recreation	0.26	0.28	0.32	0.31	0.30
Accommodation and food services	0.94	0.92	0.97	0.97	0.89
Other services, except public administration	0.82	0.82	0.86	0.86	0.84
Government and government enterprises	0.86	0.87	0.94	0.92	0.84
Federal, civilian	1.13	1.15	1.32	1.33	1.22
Military	0.40	0.38	0.42	0.41	0.38
State and local	0.87	0.88	0.94	0.91	0.83
State government	0.67	0.65	0.64	0.61	0.55
Local government	0.94	0.96	1.05	1.02	0.93
Total employment	1.00	1.00	1.00	1.00	1.00

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

Table 3: Location Quotients for Eddy (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	1.05	1.04	1.03	1.03	1.05
Proprietors employment	0.82	0.83	0.90	0.87	0.80
Farm proprietors employment	0.67	0.66	0.70	0.69	0.64
Nonfarm proprietors employment	0.84	0.85	0.92	0.89	0.82
By industry					
Farm employment	0.86	0.87	0.93	0.90	0.83
Nonfarm employment	1.00	1.00	1.00	1.00	1.00
Private nonfarm employment	1.11	1.11	1.09	1.10	1.11
Forestry, fishing, and related activities	0.70	0.70	0.83	0.74	0.76
Mining	7.11	7.31	7.44	7.84	8.13
Utilities	1.55	1.62	1.59	1.63	1.52
Construction	1.30	1.41	1.33	1.33	1.43
Manufacturing	0.88	0.94	0.96	0.98	0.93
Wholesale trade	0.80	0.86	0.89	0.89	0.82
Retail trade	0.87	0.88	0.91	0.90	0.87
Transportation and warehousing	1.80	1.70	1.66	1.64	1.64
Information	0.57	0.54	0.51	0.48	0.49
Finance and insurance	0.76	0.73	0.76	0.78	0.71
Real estate and rental and leasing	0.82	0.79	0.76	0.76	0.75
Professional, scientific, and technical services	0.37	0.39	0.41	0.42	0.50
Management of companies and enterprises	1.13	0.71	0.73	0.76	0.76
Administrative and waste management services	0.90	0.92	1.02	1.00	0.90
Educational services	0.65	0.62	0.71	0.65	0.48
Health care and social assistance	0.69	0.67	0.70	0.68	0.62
Arts, entertainment, and recreation	0.26	0.28	0.32	0.31	0.30
Accommodation and food services	0.84	0.82	0.86	0.86	0.79
Other services, except public administration	0.94	0.94	0.97	0.97	0.94
Government and government enterprises	0.57	0.58	0.62	0.61	0.56
Federal, civilian	0.62	0.64	0.72	0.72	0.67
Military	0.26	0.26	0.27	0.26	0.23
State and local	0.60	0.60	0.64	0.62	0.57
State government	0.36	0.34	0.33	0.32	0.29
Local government	0.74	0.75	0.81	0.79	0.73
Total employment	1.00	1.00	1.00	1.00	1.00

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

Table 4: Eddy, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	32,695	82.75
Proprietors employment	6,815	17.25
Farm proprietors employment	479	1.21
Nonfarm proprietors employment	6,336	16.04
By industry		
Farm employment	846	2.14
Nonfarm employment	38,664	97.86
Private nonfarm employment	34,605	87.59
Forestry, fishing, and related activities	166	0.42
Mining	9,926	25.12
Utilities	247	0.63
Construction	3,261	8.25
Manufacturing	1,106	2.80
Wholesale trade	717	1.81
Retail trade	3,444	8.72
Transportation and warehousing	1,913	4.84
Information	263	0.67
Finance and insurance	902	2.28
Real estate and rental and leasing	1,111	2.81
Professional, scientific, and technical services	1,458	3.69
Management of companies and enterprises	174	0.44
Administrative and waste management services	1,828	4.63
Educational services	291	0.74
Health care and social assistance	3,002	7.60
Arts, entertainment, and recreation	274	0.69
Accommodation and food services	2,652	6.71
Other services, except public administration	1,870	4.73
Government and government enterprises	4,059	10.27
Federal, civilian	686	1.74
Military	145	0.37
State and local	3,228	8.17
State government	586	1.48
Local government	2,642	6.69
Total employment	39,510	100.00

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

Table 5: New Mexico Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	852,638	859,962	861,216	862,809	875,574
Proprietors employment	231,134	232,022	231,421	234,860	240,000
Farm proprietors employment	21,557	21,579	21,534	21,511	21,243
Nonfarm proprietors employment 2/	209,577	210,443	209,887	213,349	218,757
By industry					
Farm employment	28,346	29,040	29,884	29,031	28,687
Nonfarm employment	1,055,426	1,062,944	1,062,753	1,068,638	1,086,887
Private nonfarm employment	845,767	854,456	854,248	862,552	881,228
Forestry, fishing, and related activities	5,674	5,541	5,820	5,989	6,157
Mining	38,214	36,656	31,809	31,204	34,490
Utilities	4,591	4,684	4,900	4,623	4,576
Construction	59,584	59,707	60,008	62,061	64,328
Manufacturing	34,027	34,157	33,187	32,562	33,596
Wholesale trade	28,854	28,501	25,380	24,989	24,563
Retail trade	113,924	114,887	113,636	111,466	111,663
Transportation and warehousing	25,905	27,245	26,673	30,016	32,916
Information	15,725	15,587	16,001	15,491	15,297
Finance and insurance	34,781	34,461	35,685	35,674	36,018
Real estate and rental and leasing	39,111	39,659	39,865	40,497	41,842
Professional, scientific, and technical services	76,116	77,543	77,750	79,918	81,618
Management of companies and enterprises	5,632	5,875	6,336	6,143	6,488
Administrative and waste management services	54,370	52,996	53,892	56,396	57,515
Educational services	16,709	16,959	17,013	17,048	17,004
Health care and social assistance	124,796	129,722	134,264	134,791	135,667
Arts, entertainment, and recreation	24,227	24,245	24,150	25,154	26,008
Accommodation and food services	88,297	90,194	92,523	93,512	95,173
Other services, except public administration	55,230	55,837	55,356	55,018	56,309
Government and government enterprises	209,659	208,488	208,505	206,086	205,659
Federal, civilian	29,451	29,188	29,385	29,281	28,881
Military	17,809	16,837	17,132	17,346	17,588
State and local	162,399	162,463	161,988	159,459	159,190
State government	58,771	58,969	58,707	57,448	57,079
Local government	103,628	103,494	103,281	102,011	102,111
Total employment	1,083,772	1,091,984	1,092,637	1,097,669	1,115,574

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

Table 6: United States Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	144,722,000	147,636,000	149,912,000	151,860,000	154,375,000
Proprietors employment	41,511,800	42,679,800	43,459,900	44,965,300	46,371,000
Farm proprietors employment	1,840,000	1,829,000	1,818,000	1,802,000	1,790,000
Nonfarm proprietors employment	39,671,800	40,850,800	41,641,900	43,163,300	44,581,000
By industry					
Farm employment	2,643,000	2,646,000	2,638,000	2,621,000	2,604,000
Nonfarm employment	183,590,800	187,669,800	190,733,900	194,204,300	198,142,000
Private nonfarm employment	159,535,800	163,523,800	166,428,900	169,778,300	173,599,000
Forestry, fishing, and related activities	941,000	915,900	935,200	938,300	969,400
Mining	1,597,500	1,553,300	1,452,200	1,320,900	1,353,700
Utilities	580,600	597,400	622,000	590,800	589,700
Construction	9,564,300	9,844,900	10,322,100	10,557,000	10,973,300
Manufacturing	12,907,600	13,076,600	13,131,900	13,235,200	13,501,300
Wholesale trade	6,719,600	6,817,100	6,463,400	6,492,900	6,422,200
Retail trade	18,713,100	19,092,300	19,195,500	19,345,100	19,307,500
Transportation and warehousing	6,282,400	6,932,700	7,418,200	8,520,900	9,364,300
Information	3,327,000	3,316,400	3,384,900	3,404,500	3,460,100
Finance and insurance	9,621,000	9,845,600	10,188,400	10,250,300	10,394,600
Real estate and rental and leasing	8,405,800	8,668,300	8,868,200	9,203,700	9,504,800
Professional, scientific, and technical services	12,864,700	13,333,200	13,496,900	13,848,200	14,203,900
Management of companies and enterprises	2,361,300	2,425,500	2,603,800	2,568,700	2,669,500
Administrative and waste management services	11,719,200	11,770,600	12,034,600	12,212,600	12,472,900
Educational services	4,498,100	4,610,900	4,641,800	4,702,400	4,771,700
Health care and social assistance	20,798,400	21,351,100	21,816,100	22,214,300	22,619,800
Arts, entertainment, and recreation	4,223,300	4,220,100	4,363,100	4,518,600	4,684,900
Accommodation and food services	13,548,900	13,977,700	14,399,000	14,788,400	15,077,500
Other services, except public administration	10,862,000	11,174,200	11,091,600	11,065,500	11,257,900
Government and government enterprises	24,055,000	24,146,000	24,305,000	24,426,000	24,543,000
Federal, civilian	2,792,000	2,810,000	2,847,000	2,857,000	2,849,000
Military	1,975,000	1,957,000	1,928,000	1,929,000	1,922,000
State and local	19,288,000	19,379,000	19,530,000	19,640,000	19,772,000
State government	5,330,000	5,349,000	5,356,000	5,383,000	5,395,000
Local government	13,958,000	14,030,000	14,174,000	14,257,000	14,377,000
Total employment	186,233,800	190,315,800	193,371,900	196,825,300	200,746,000

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

Table 7: Eddy, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Eddy
By type			
Wage and salary employment	76.90	78.49	82.75
Proprietors employment	23.10	21.51	17.25
Farm proprietors employment	0.89	1.90	1.21
Nonfarm proprietors employment	22.21	19.61	16.04
By industry			
Farm employment	1.30	2.57	2.14
Nonfarm employment	98.70	97.43	97.86
Private nonfarm employment	86.48	78.99	87.59
Forestry, fishing, and related activities	0.48	0.55	0.42
Mining	0.67	3.09	25.12
Utilities	0.29	0.41	0.63
Construction	5.47	5.77	8.25
Manufacturing	6.73	3.01	2.80
Wholesale trade	3.20	2.20	1.81
Retail trade	9.62	10.01	8.72
Transportation and warehousing	4.66	2.95	4.84
Information	1.72	1.37	0.67
Finance and insurance	5.18	3.23	2.28
Real estate and rental and leasing	4.73	3.75	2.81
Professional, scientific, and technical services	7.08	7.32	3.69
Management of companies and enterprises	1.33	0.58	0.44
Administrative and waste management services	6.21	5.16	4.63
Educational services	2.38	1.52	0.74
Health care and social assistance	11.27	12.16	7.60
Arts, entertainment, and recreation	2.33	2.33	0.69
Accommodation and food services	7.51	8.53	6.71
Other services, except public administration	5.61	5.05	4.73
Government and government enterprises	12.23	18.44	10.27
Federal, civilian	1.42	2.59	1.74
Military	0.96	1.58	0.37
State and local	9.85	14.27	8.17
State government	2.69	5.12	1.48
Local government	7.16	9.15	6.69
Total employment	100.00	100.00	100.00

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

Table 8: Eddy Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	82.42	82.26	81.00	81.29	82.75
Proprietors employment	17.58	17.74	19.00	18.71	17.25
Farm proprietors employment	1.33	1.31	1.38	1.35	1.21
Nonfarm proprietors employment	16.25	16.42	17.62	17.36	16.04
By industry					
Farm employment	2.26	2.31	2.56	2.39	2.14
Nonfarm employment	97.74	97.69	97.44	97.61	97.86
Private nonfarm employment	86.62	86.68	85.61	86.23	87.59
Forestry, fishing, and related activities	0.37	0.35	0.44	0.40	0.42
Mining	25.06	24.53	21.65	22.28	25.12
Utilities	0.66	0.69	0.71	0.69	0.63
Construction	7.16	7.70	7.29	7.53	8.25
Manufacturing	2.78	2.94	2.92	2.89	2.80
Wholesale trade	2.12	2.25	2.07	2.02	1.81
Retail trade	9.10	9.21	9.47	9.16	8.72
Transportation and warehousing	4.30	4.25	4.04	4.48	4.84
Information	0.82	0.77	0.75	0.68	0.67
Finance and insurance	2.42	2.30	2.49	2.52	2.28
Real estate and rental and leasing	2.97	2.86	2.79	2.79	2.81
Professional, scientific, and technical services	2.60	2.79	2.93	3.07	3.69
Management of companies and enterprises	0.59	0.38	0.42	0.43	0.44
Administrative and waste management services	4.52	4.46	5.02	5.13	4.63
Educational services	1.00	0.97	1.11	1.00	0.74
Health care and social assistance	7.91	8.01	8.64	8.29	7.60
Arts, entertainment, and recreation	0.59	0.62	0.71	0.72	0.69
Accommodation and food services	6.85	6.77	7.25	7.31	6.71
Other services, except public administration	4.81	4.83	4.91	4.85	4.73
Government and government enterprises	11.12	11.01	11.83	11.39	10.27
Federal, civilian	1.69	1.70	1.95	1.93	1.74
Military	0.42	0.39	0.42	0.40	0.37
State and local	9.00	8.91	9.47	9.06	8.17
State government	1.93	1.82	1.79	1.67	1.48
Local government	7.08	7.09	7.68	7.39	6.69
Total employment	100.00	100.00	100.00	100.00	100.00

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

Table 9: New Mexico Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
By industry					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
Total employment	100.00	100.00	100.00	100.00	100.00

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

Table 10: United States Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	77.71	77.57	77.53	77.15	76.90
Proprietors employment	22.29	22.43	22.47	22.85	23.10
Farm proprietors employment	0.99	0.96	0.94	0.92	0.89
Nonfarm proprietors employment	21.30	21.46	21.53	21.93	22.21
By industry					
Farm employment	1.42	1.39	1.36	1.33	1.30
Nonfarm employment	98.58	98.61	98.64	98.67	98.70
Private nonfarm employment	85.66	85.92	86.07	86.26	86.48
Forestry, fishing, and related activities	0.51	0.48	0.48	0.48	0.48
Mining	0.86	0.82	0.75	0.67	0.67
Utilities	0.31	0.31	0.32	0.30	0.29
Construction	5.14	5.17	5.34	5.36	5.47
Manufacturing	6.93	6.87	6.79	6.72	6.73
Wholesale trade	3.61	3.58	3.34	3.30	3.20
Retail trade	10.05	10.03	9.93	9.83	9.62
Transportation and warehousing	3.37	3.64	3.84	4.33	4.66
Information	1.79	1.74	1.75	1.73	1.72
Finance and insurance	5.17	5.17	5.27	5.21	5.18
Real estate and rental and leasing	4.51	4.55	4.59	4.68	4.73
Professional, scientific, and technical services	6.91	7.01	6.98	7.04	7.08
Management of companies and enterprises	1.27	1.27	1.35	1.31	1.33
Administrative and waste management services	6.29	6.18	6.22	6.20	6.21
Educational services	2.42	2.42	2.40	2.39	2.38
Health care and social assistance	11.17	11.22	11.28	11.29	11.27
Arts, entertainment, and recreation	2.27	2.22	2.26	2.30	2.33
Accommodation and food services	7.28	7.34	7.45	7.51	7.51
Other services, except public administration	5.83	5.87	5.74	5.62	5.61
Government and government enterprises	12.92	12.69	12.57	12.41	12.23
Federal, civilian	1.50	1.48	1.47	1.45	1.42
Military	1.06	1.03	1.00	0.98	0.96
State and local	10.36	10.18	10.10	9.98	9.85
State government	2.86	2.81	2.77	2.73	2.69
Local government	7.49	7.37	7.33	7.24	7.16
Total employment	100.00	100.00	100.00	100.00	100.00

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