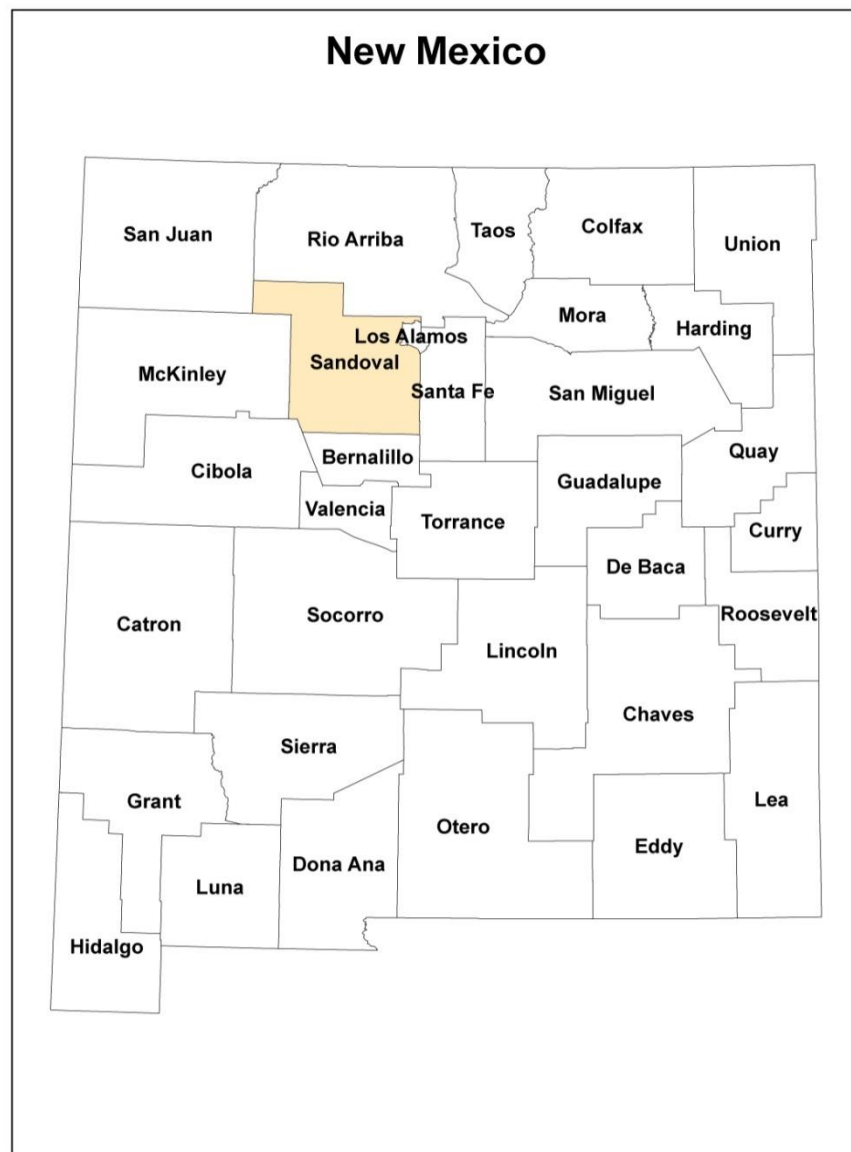


The Economic Base of Sandoval County, NM

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

DATE: July 2020



The Economic Base of Sandoval County, New Mexico

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 of Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. Our intent is to update these reports on an annual basis.

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

The specific purposes of economic base studies include:

- Understand regional economic growth
- Make short and long-term forecasts
- Identify potential growth sectors
- Identify potential problem areas

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

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

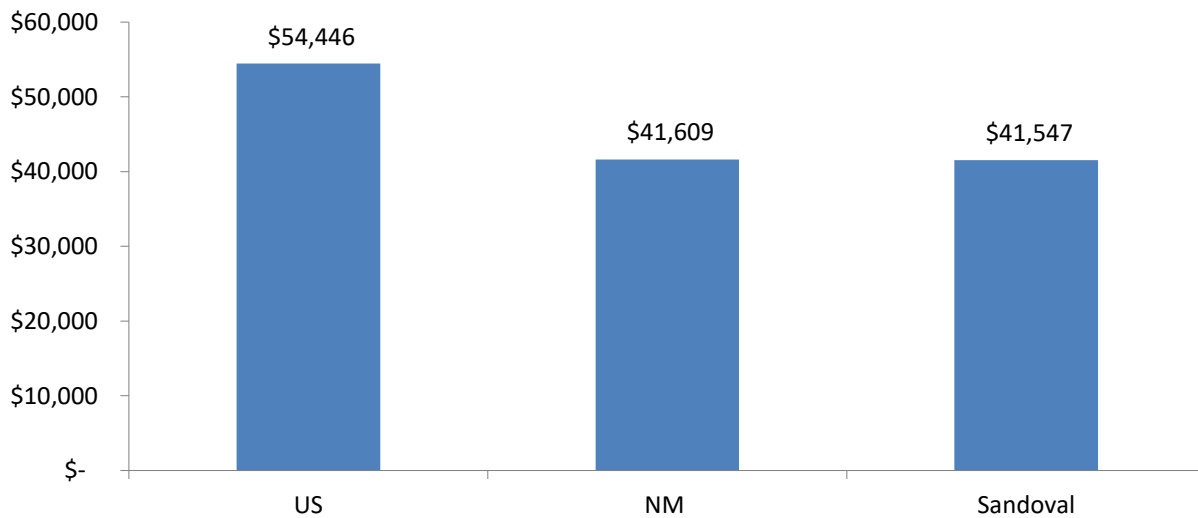
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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 for industries within Sandoval County with the national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and for the four preceding years (2014-2018). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Sandoval County, New Mexico

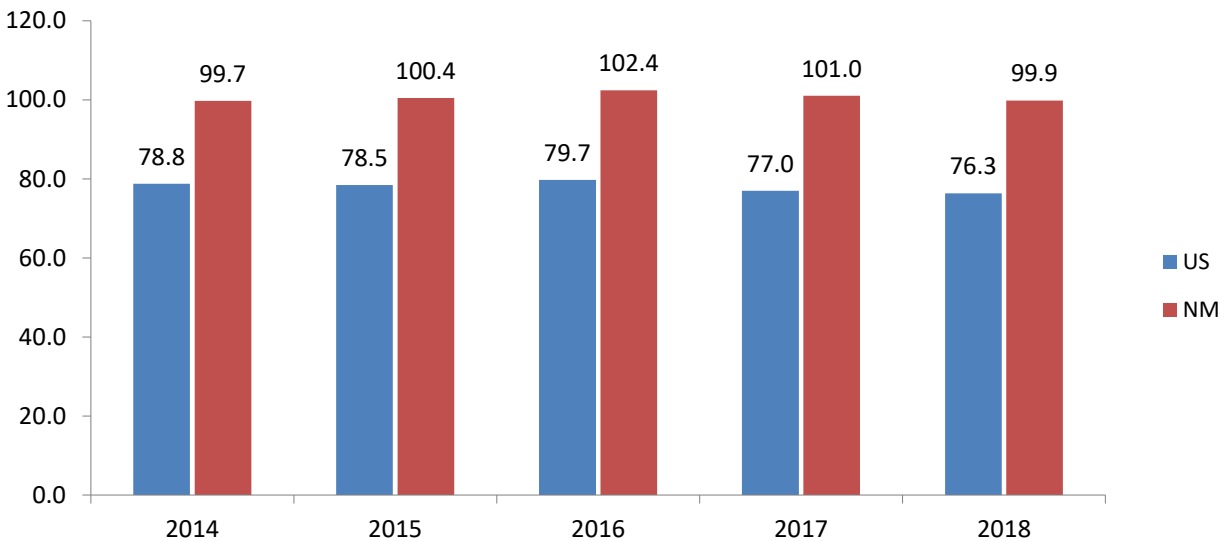
Sandoval County is located in northern central New Mexico and contains 3,710.65 square miles, or 3.06 percent of the land area in New Mexico. The population for Sandoval County in 2018 was 145,179, ranking as the 4th largest county in the state of New Mexico with 6.93 percent of the total population of the state. In 2018, the City of Rio Rancho is the most populated city in Sandoval County with a population of 98,016, containing 67.51 percent of the population in the county. Between 2014 and 2018, Sandoval County’s population increased by 5.94 percent. During the same period, New Mexico’s population increased by 0.24 percent and the nation’s population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: Sandoval County (2018)



In 2018, per capita personal income in Sandoval County was \$41,547 (See Figure 1). Per capita income for Sandoval County was 99.85 percent of the corresponding state figure of \$41,609 and 76.31 percent of the national average of \$54,446 in 2018 (See Figure 2). The 12.07 percent growth rate for per capita income in Sandoval County between 2014 and 2018 was higher than the state’s percent growth rate of 11.91 percent and lower than the nation’s percent growth rate of 15.70 percent.

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



In 2018, total employment in Sandoval County was 48,129. Between 2014 and 2018, total employment in Sandoval County increased by 5.82 percent, compared to the increase of just 2.93 percent for the state and the 7.79 percent increase for the nation. The Sandoval County employment to population ratio in 2018 was 0.33. This is a relatively low rate compared to the rate for the state of 0.53 and nation with 0.61.

In 2018, 81.14 percent of all employment in Sandoval County was in the Private sector, while Government and Government Enterprises accounted for 16.89 percent and Farm employment accounted for 1.97 percent of the total. In the private sector, industries with the highest percentages included: Administrative and Waste Management Services (11.67), Retail Trade (10.22), Healthcare and Social Assistance (10.05), Accommodations and Food Services (7.72), and Manufacturing (6.05 percent).

For the public sector, the Government and Government Enterprises entry is the aggregate figure of all government levels listed as government categories. Local government was the largest employer in the public sector with a 14.65 percent of total employment. Federal/civilian, Military, and State government employment represented small shares compared to Local government with 0.76, 0.76, and 0.71 percent, respectively. Sandoval County employment by sector is displayed in Table 1.

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

Table 2 contains LQs for Sandoval County from 2014 to 2018 calculated using data for the United States as basis for comparison. Table 3 contains LQs for Sandoval County from 2014 to 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 the U.S. employment is considered as a basic industry. Sectors with LQs greater than 1.0 have been shaded.

In the private sector, with an LQ of 1.32 in 2018 and LQs higher than 1.31 in all years considered, the Arts, Entertainment, and Recreation industry is considered a basic industry in Sandoval County. Retail Trade and Farm employment with LQs of 1.06 and 1.52 respectively are also considered basic industries in Sandoval county in 2018. Mining had an LQ of 1.02 in 2018 and is considered a basic industry.

Other sectors with LQs above 1.0 included: Construction (1.00), Accommodation and Food Services (1.03), Real Estate and Rental and Leasing (1.00), Other Services Except Public Administration (1.00), and Local government (2.05). Nevertheless, these industries in Sandoval County are best viewed as non-basic or support industries. Local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Sandoval County will be considered a non-basic industry.

The data for 2018 suggest that in Sandoval County the following industries are to be considered basic:

1. Arts, Entertainment, and Recreation, accounted for 1,487 jobs.
2. Retail Trade, accounted for 4,918 total jobs.
3. Farm employment, accounted for 949 jobs.
4. Mining, accounted for 331 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 Sandoval County by total employment in the basic sectors. In Sandoval County, the multiplier is equal to 6.26 (48,129/7,685). This ratio suggests that any additional basic sector job in Sandoval County

would be associated with additional 6.26 non-basic sector jobs. The export base multiplier (6.26) calculated above reinforces the importance of basic (exporting) industries to the economy of Sandoval 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.

Local economic development policy actions such as the creation of industrial parks, tax abatement and financing, and workforce development projects are often used by local communities to expand an area's economic base. The development of a community economic development plan is to include the appropriate combination of policies, which often result from public and private sector interaction.

Summary of Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for economic data and the U.S. Census for population data. Between 2017 and 2018, Sandoval County's population increased by 1.79 percent from a population of 142,624 to 145,179. Sandoval County saw a 4.05 percent increase in per capita income between 2017 and 2018 from \$39,928 to \$41,547. Total employment increased by 1.47 percent between 2017 and 2018, an increase of 695 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Sandoval Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	31576	31861	32038	32545	32890
Proprietors employment	13906	14211	14250	14889	15239
Farm proprietors employment	870	866	864	861	850
Nonfarm proprietors employment 2/	13036	13345	13386	14028	14389
By industry					
Farm employment	960	965	975	961	949
Nonfarm employment	44522	45107	45313	46473	47180
Private nonfarm employment	36536	37044	37131	38539	39051
Forestry, fishing, and related activities	101	92	N/A	N/A	N/A
Mining	342	384	299	N/A	331
Utilities	69	72	85	78	79
Construction	2599	2546	2493	2601	2629
Manufacturing	3892	3768	3179	2777	2912
Wholesale trade	874	821	948	742	723
Retail trade	4785	4879	4963	4836	4918
Transportation and warehousing	672	730	741	981	1065
Information	931	858	641	433	434
Finance and insurance	1444	1403	1481	1424	1563
Real estate and rental and leasing	2043	2104	2195	2224	2282
Professional, scientific, and technical services	2704	2729	2654	2734	2822
Management of companies and enterprises	101	72	N/A	79	N/A
Administrative and waste management services	3918	4114	4515	5917	5616
Educational services	846	879	774	722	717
Health care and social assistance	3456	3955	4267	4693	4837
Arts, entertainment, and recreation	1544	1491	1475	1431	1487
Accommodation and food services	3665	3498	3593	3752	3714
Other services, except public administration	2550	2649	2642	2675	2710
Government and government enterprises	7986	8063	8182	7934	8129
Federal, civilian	358	367	367	366	367
Military	371	353	360	366	367
State and local	7257	7343	7455	7202	7395
State government	245	275	356	340	342
Local government	7012	7068	7099	6862	7053
Total employment	45,482	46,072	46,288	47,434	48,129

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

Table 2: Location Quotients for Sandoval (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.89	0.89	0.89	0.89	0.89
Proprietors employment	1.37	1.38	1.37	1.37	1.37
Farm proprietors employment	1.94	1.96	1.99	1.98	1.98
Nonfarm proprietors employment	1.35	1.35	1.34	1.35	1.35
By industry					
Farm employment	1.49	1.51	1.54	1.52	1.52
Nonfarm employment	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	0.94	0.94	0.93	0.94	0.94
Forestry, fishing, and related activities	0.44	0.41	N/A	N/A	N/A
Mining	0.88	1.02	0.86	N/A	1.02
Utilities	0.49	0.50	0.57	0.55	0.56
Construction	1.11	1.07	1.01	1.02	1.00
Manufacturing	1.23	1.19	1.01	0.87	0.90
Wholesale trade	0.53	0.50	0.61	0.47	0.47
Retail trade	1.05	1.06	1.08	1.04	1.06
Transportation and warehousing	0.44	0.43	0.42	0.48	0.47
Information	1.15	1.07	0.79	0.53	0.52
Finance and insurance	0.61	0.59	0.61	0.58	0.63
Real estate and rental and leasing	1.00	1.00	1.03	1.00	1.00
Professional, scientific, and technical services	0.86	0.85	0.82	0.82	0.83
Management of companies and enterprises	0.18	0.12	N/A	0.13	N/A
Administrative and waste management services	1.37	1.44	1.57	2.01	1.88
Educational services	0.77	0.79	0.70	0.64	0.63
Health care and social assistance	0.68	0.77	0.82	0.88	0.89
Arts, entertainment, and recreation	1.50	1.46	1.41	1.31	1.32
Accommodation and food services	1.11	1.03	1.04	1.05	1.03
Other services, except public administration	0.96	0.98	1.00	1.00	1.00
Government and government enterprises	1.36	1.38	1.41	1.35	1.38
Federal, civilian	0.53	0.54	0.54	0.53	0.54
Military	0.77	0.75	0.78	0.79	0.80
State and local	1.54	1.57	1.59	1.52	1.56
State government	0.19	0.21	0.28	0.26	0.26
Local government	2.06	2.08	2.09	2.00	2.05
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 Sandoval (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.88	0.88	0.88	0.87	0.87
Proprietors employment	1.43	1.45	1.45	1.47	1.47
Farm proprietors employment	0.96	0.95	0.95	0.93	0.93
Nonfarm proprietors employment	1.48	1.50	1.51	1.52	1.52
By industry					
Farm employment	0.81	0.79	0.77	0.77	0.77
Nonfarm employment	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	1.03	1.03	1.03	1.03	1.03
Forestry, fishing, and related activities	0.42	0.39	N/A	N/A	N/A
Mining	0.21	0.25	0.22	N/A	0.22
Utilities	0.36	0.36	0.41	0.39	0.40
Construction	1.04	1.01	0.98	0.97	0.95
Manufacturing	2.73	2.61	2.26	1.97	2.01
Wholesale trade	0.72	0.68	0.88	0.69	0.68
Retail trade	1.00	1.01	1.03	1.00	1.02
Transportation and warehousing	0.62	0.64	0.66	0.76	0.75
Information	1.41	1.30	0.95	0.65	0.66
Finance and insurance	0.99	0.96	0.98	0.92	1.01
Real estate and rental and leasing	1.24	1.26	1.30	1.27	1.26
Professional, scientific, and technical services	0.85	0.83	0.81	0.79	0.80
Management of companies and enterprises	0.43	0.29	N/A	0.30	N/A
Administrative and waste management services	1.72	1.84	1.98	2.43	2.26
Educational services	1.21	1.23	1.07	0.98	0.98
Health care and social assistance	0.66	0.72	0.75	0.81	0.83
Arts, entertainment, and recreation	1.52	1.46	1.44	1.32	1.33
Accommodation and food services	0.99	0.92	0.92	0.93	0.90
Other services, except public administration	1.10	1.12	1.13	1.13	1.12
Government and government enterprises	0.91	0.92	0.93	0.89	0.92
Federal, civilian	0.29	0.30	0.29	0.29	0.29
Military	0.50	0.50	0.50	0.49	0.48
State and local	1.06	1.07	1.09	1.05	1.08
State government	0.10	0.11	0.14	0.14	0.14
Local government	1.61	1.62	1.62	1.56	1.60
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: Sandoval, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	32,890	68.34
Proprietors employment	15,239	31.66
Farm proprietors employment	850	1.77
Nonfarm proprietors employment	14,389	29.90
By industry		
Farm employment	949	1.97
Nonfarm employment	47,180	98.03
Private nonfarm employment	39,051	81.14
Forestry, fishing, and related activities	N/A	N/A
Mining	331	0.69
Utilities	79	0.16
Construction	2,629	5.46
Manufacturing	2,912	6.05
Wholesale trade	723	1.50
Retail trade	4,918	10.22
Transportation and warehousing	1,065	2.21
Information	434	0.90
Finance and insurance	1,563	3.25
Real estate and rental and leasing	2,282	4.74
Professional, scientific, and technical services	2,822	5.86
Management of companies and enterprises	N/A	N/A
Administrative and waste management services	5,616	11.67
Educational services	717	1.49
Health care and social assistance	4,837	10.05
Arts, entertainment, and recreation	1,487	3.09
Accommodation and food services	3,714	7.72
Other services, except public administration	2,710	5.63
Government and government enterprises	8,129	16.89
Federal, civilian	367	0.76
Military	367	0.76
State and local	7,395	15.36
State government	342	0.71
Local government	7,053	14.65
Total employment	48,129	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: Sandoval, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Sandoval
By type			
Wage and salary employment	76.90	78.49	68.34
Proprietors employment	23.10	21.51	31.66
Farm proprietors employment	0.89	1.90	1.77
Nonfarm proprietors employment	22.21	19.61	29.90
By industry			
Farm employment	1.30	2.57	1.97
Nonfarm employment	98.70	97.43	98.03
Private nonfarm employment	86.48	78.99	81.14
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	0.69
Utilities	0.29	0.41	0.16
Construction	5.47	5.77	5.46
Manufacturing	6.73	3.01	6.05
Wholesale trade	3.20	2.20	1.50
Retail trade	9.62	10.01	10.22
Transportation and warehousing	4.66	2.95	2.21
Information	1.72	1.37	0.90
Finance and insurance	5.18	3.23	3.25
Real estate and rental and leasing	4.73	3.75	4.74
Professional, scientific, and technical services	7.08	7.32	5.86
Management of companies and enterprises	1.33	0.58	N/A
Administrative and waste management services	6.21	5.16	11.67
Educational services	2.38	1.52	1.49
Health care and social assistance	11.27	12.16	10.05
Arts, entertainment, and recreation	2.33	2.33	3.09
Accommodation and food services	7.51	8.53	7.72
Other services, except public administration	5.61	5.05	5.63
Government and government enterprises	12.23	18.44	16.89
Federal, civilian	1.42	2.59	0.76
Military	0.96	1.58	0.76
State and local	9.85	14.27	15.36
State government	2.69	5.12	0.71
Local government	7.16	9.15	14.65
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: Sandoval Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	69.43	69.15	69.21	68.61	68.34
Proprietors employment	30.57	30.85	30.79	31.39	31.66
Farm proprietors employment	1.91	1.88	1.87	1.82	1.77
Nonfarm proprietors employment	28.66	28.97	28.92	29.57	29.90
By industry					
Farm employment	2.11	2.09	2.11	2.03	1.97
Nonfarm employment	97.89	97.91	97.89	97.97	98.03
Private nonfarm employment	80.33	80.40	80.22	81.25	81.14
Forestry, fishing, and related activities	0.22	0.20	N/A	N/A	N/A
Mining	0.75	0.83	0.65	N/A	0.69
Utilities	0.15	0.16	0.18	0.16	0.16
Construction	5.71	5.53	5.39	5.48	5.46
Manufacturing	8.56	8.18	6.87	5.85	6.05
Wholesale trade	1.92	1.78	2.05	1.56	1.50
Retail trade	10.52	10.59	10.72	10.20	10.22
Transportation and warehousing	1.48	1.58	1.60	2.07	2.21
Information	2.05	1.86	1.38	0.91	0.90
Finance and insurance	3.17	3.05	3.20	3.00	3.25
Real estate and rental and leasing	4.49	4.57	4.74	4.69	4.74
Professional, scientific, and technical services	5.95	5.92	5.73	5.76	5.86
Management of companies and enterprises	0.22	0.16	N/A	0.17	N/A
Administrative and waste management services	8.61	8.93	9.75	12.47	11.67
Educational services	1.86	1.91	1.67	1.52	1.49
Health care and social assistance	7.60	8.58	9.22	9.89	10.05
Arts, entertainment, and recreation	3.39	3.24	3.19	3.02	3.09
Accommodation and food services	8.06	7.59	7.76	7.91	7.72
Other services, except public administration	5.61	5.75	5.71	5.64	5.63
Government and government enterprises	17.56	17.50	17.68	16.73	16.89
Federal, civilian	0.79	0.80	0.79	0.77	0.76
Military	0.82	0.77	0.78	0.77	0.76
State and local	15.96	15.94	16.11	15.18	15.36
State government	0.54	0.60	0.77	0.72	0.71
Local government	15.42	15.34	15.34	14.47	14.65
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