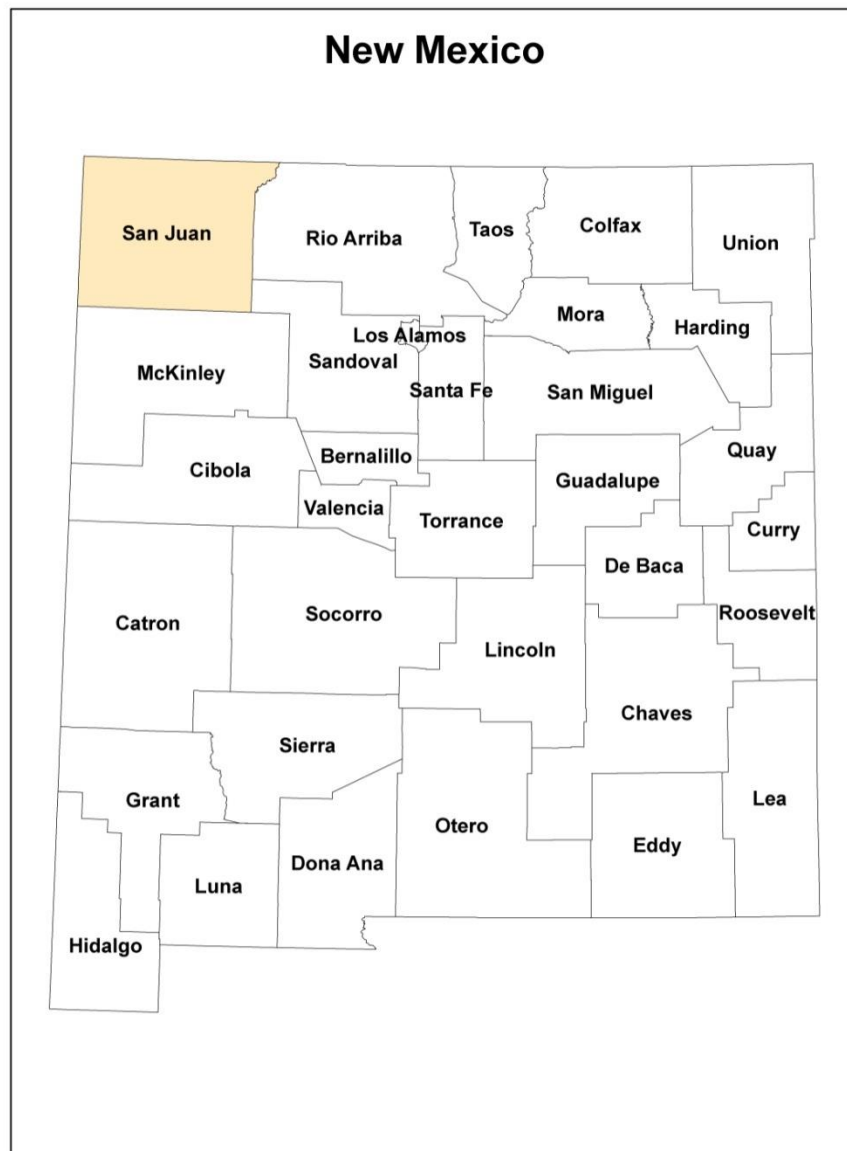


**The Economic Base of San Juan County, NM**

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

**DATE: July 2020**



## The Economic Base of San Juan 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](mailto: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:

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

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>.

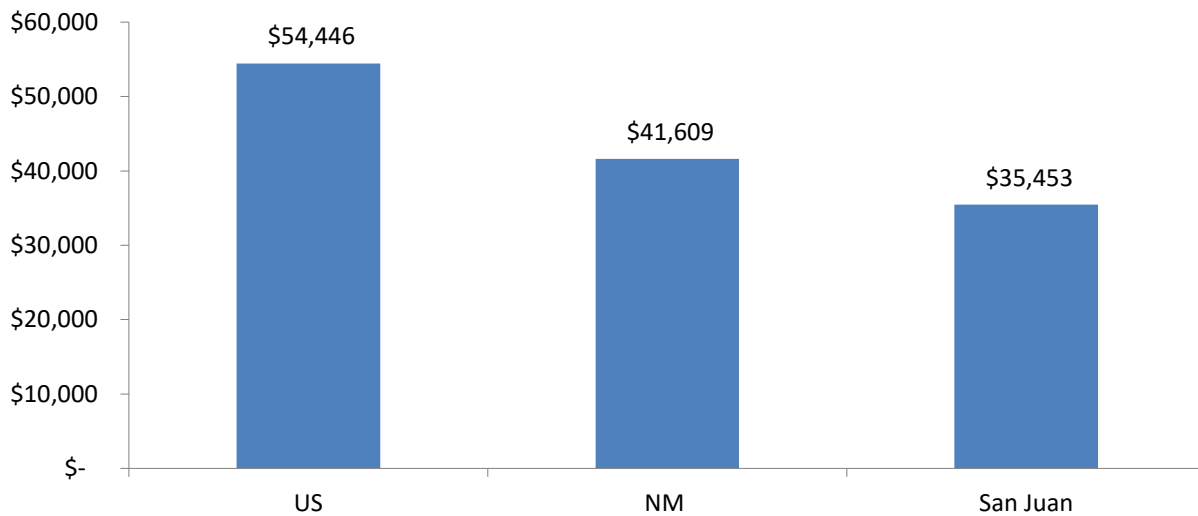
In this report, LQs are calculated for industries within San Juan County with the national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using 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](http://www.bea.gov).

## San Juan County, New Mexico

San Juan County is located in the northwestern corner of New Mexico and contains 5,513.07 square miles, or 4.54 percent of the land area in New Mexico. In 2018, the population of San Juan County was 125,043, equivalent to 5.97 percent of the state total population and ranked 5<sup>th</sup> among New Mexico's counties in terms of population. In 2018, the City of Farmington had a population of 45,582 representing 36.45 percent of the population of the county. Between 2014 and 2018, the population for San Juan County decreased by 3.14 percent, while New Mexico's population increased 0.24 percent and the nation's population increased by 2.76 percent during the same period.

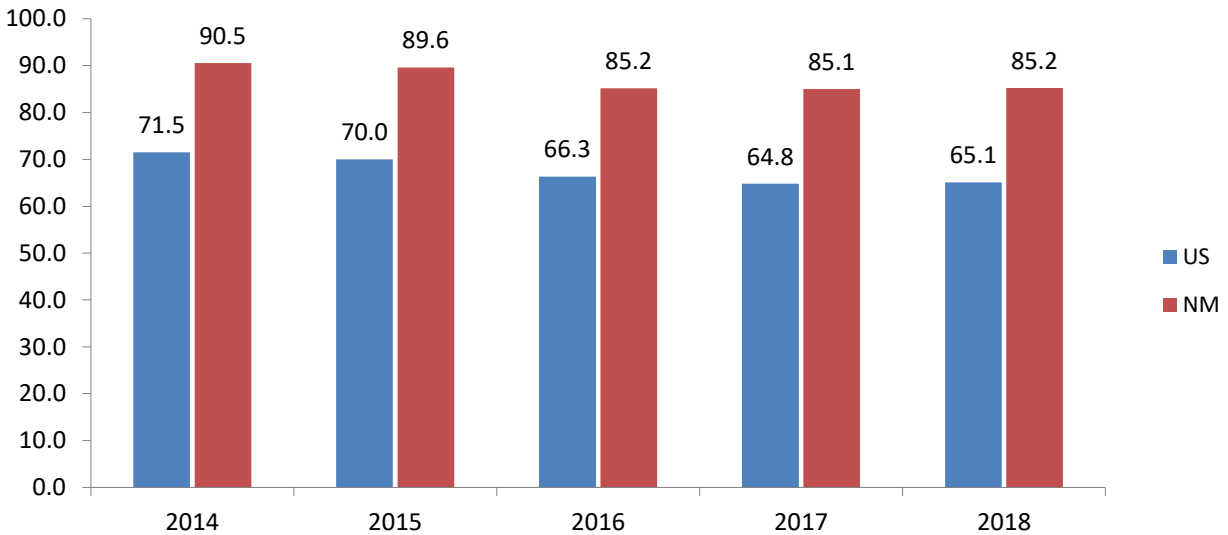
**Figure 1. Per Capita Personal Income: San Juan County (2018)**

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In 2018, per capita personal income for San Juan County was \$35,453 (See Figure 1). Per capita personal income for San Juan County was 85.21 percent of the state average (\$41,609) and 65.12 percent of the national average (\$54,446) (See Figure 2). Between 2014 and 2018, San Juan County experienced a 5.31 percent growth rate in per capita income, lower than New Mexico (11.91 percent) and also the nation (15.70 percent).

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



In 2018, total employment in San Juan County was 61,839. Between 2014 and 2018, total employment in San Juan County decreased by 5.51 percent compared to the employment growth of 2.93 percent and 7.79 percent occurring at the state and national level, respectively. The San Juan County employment to population ratio was 0.49, while New Mexico's employment to population ratio was 0.53 and the nation's ratio in 2018 was 0.61.

In 2018, 77.43 percent of all employment in San Juan County was in the Private sector, while 18.32 percent of employment was in Government and Government Enterprises, and Farm employment was 4.25 percent of total employment. In the public sector, Federal/civilian accounted for 2.41 percent of employment. Military employment represented a small percentage of the total with 0.51 percent of employment. State and Local government employment information was not released in 2018 for San Juan County. In the private sector, the industries with the highest percentages of total employment included: Healthcare and Social Assistance (11.92), Retail Trade (11.22), Mining (10.01), Accommodation and Food Services (7.98), and Construction (6.88). San Juan County employment by sector is displayed in Table 1.

## **Basic and Non-Basic Industries in San Juan County, New Mexico**

Table 2 contains LQs for San Juan County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for San Juan 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 a basic industry. Sectors with LQs greater than 1.0 have been shaded.

The high importance that the Mining sector represents to the economic base of San Juan County may be observed through an LQ of 14.84 for 2018 and with LQs exceeding 14.52 in all years considered. These LQs are reflective of the prevalence of oil and gas mining, especially in and around the City of Farmington.

Utilities are also considered a basic economic activity in San Juan County, with an LQ of 4.27 in 2018 and LQs exceeding 4.22 in the prior years. The large LQs are also directly linked to the importance of oil and gas production. Additionally, the Four Corners Power Plant located in the town of Fruitland within San Juan County is one of the largest coal-fired generating stations in the United States. Retail Trade and Healthcare and Social Assistance, with LQs of 1.17 and 1.06 respectively are both considered basic industries in San Juan County. The Accommodation and Food Services sector is also considered a basic industry, with an LQ of 1.06 in 2018. This sector has a large employment base due to the tourism activities around Farmington, including Aztec Ruins National Monument and Navajo Lake State Park, as well as other outdoor recreation areas. The Agricultural sector through Farm employment is considered a basic industry with an LQ of 3.27 for 2018. Construction had an LQ larger than 1.0; however, given that the industry is providing support to previously mentioned basic industries, the construction industry is considered as non-basic or support industry.

For the public sector, the entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. In 2018, the government sector with an LQ higher than 1.0 was Federal/civilian employment. Federal/civilian employment had an LQ of 1.70 in 2018 and LQs exceeding 1.52 in all years considered. These large LQs reflect the employment base of the Navajo Indian Irrigation Project

Office, based in Farmington and the U.S. Indian Health Service, located in the town of Huerfano. Federal civilian employment is to be considered a basic economic activity in 2018.

The data and analysis for 2018 suggest that the following industries are considered basic industries in San Juan County:

1. Mining, accounted for 6,188 jobs.
2. Utilities, accounted for 776 jobs.
3. Retail Trade, accounted for 6,940 jobs.
4. Farm employment, accounted for 2,626 jobs.
5. Healthcare and Social Assistance, accounted for 7,370 jobs.
6. Federal/civilian employment, accounted for 1,488 jobs.
7. Accommodation and Food Services, accounted for 4,936 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 San Juan County by total employment in the basic sectors. In San Juan County, the multiplier is equal to 2.04 (61,839/30,324). This ratio suggests that any additional basic sector job in San Juan County would be associated with additional 2.04 non-basic sector jobs. In the case of San Juan County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation. 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 Years**

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, the

population of San Juan decreased by 1.46 percent, from a total population of 126,902 in 2017 to 125,043 in 2018. The per capita income in San Juan County increased by 5.47 percent between 2017 and 2018 from \$33,613 to \$35,453. Total employment decreased by 0.62 percent from 2017 to 2018, a decrease of 386 jobs.

**Tables 1 to 10 appear on pages 8-17**



**Table 1: San Juan Employment by Industry 2014-2018**

<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	53335	53288	50921	50907	50369
Proprietors employment	12112	11826	11626	11318	11470
Farm proprietors employment	2354	2327	2322	2306	2277
Nonfarm proprietors employment 2/	9758	9499	9304	9012	9193
<b>By industry</b>					
Farm employment	2671	2676	2713	2658	2626
Nonfarm employment	62776	62438	59834	59567	59213
Private nonfarm employment	51091	50785	48181	48113	47885
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	8543	7776	6820	6227	6188
Utilities	923	868	850	823	776
Construction	4418	4656	3915	4375	4253
Manufacturing	1643	1504	1250	1368	1536
Wholesale trade	2251	2139	1800	1817	1793
Retail trade	7376	7428	7131	6988	6940
Transportation and warehousing	1792	1806	1552	1647	1837
Information	356	N/A	N/A	N/A	N/A
Finance and insurance	1403	1393	1356	1303	N/A
Real estate and rental and leasing	2097	2144	2088	2076	N/A
Professional, scientific, and technical services	1699	1727	1702	1711	N/A
Management of companies and enterprises	291	316	313	295	304
Administrative and waste management services	1767	1698	1580	1632	N/A
Educational services	605	623	632	724	752
Health care and social assistance	7128	7354	7637	7669	7370
Arts, entertainment, and recreation	N/A	850	865	903	N/A
Accommodation and food services	4597	4839	5037	4999	4936
Other services, except public administration	3089	3143	3083	2999	3057
Government and government enterprises	11685	11653	11653	11454	11328
Federal, civilian	1494	1490	1505	1510	1488
Military	350	327	329	326	316
State and local	9841	9836	9819	9618	9524
State government	462	451	462	457	N/A
Local government	9379	9385	9357	9161	N/A
<b>Total employment</b>	<b>65,447</b>	<b>65,114</b>	<b>62,547</b>	<b>62,225</b>	<b>61,839</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 2: Location Quotients for San Juan (US Base) 2014-2018</b>					
<b>US Base</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	1.05	1.05	1.05	1.06	1.06
Proprietors employment	0.83	0.81	0.83	0.80	0.80
Farm proprietors employment	3.64	3.72	3.95	4.05	4.13
Nonfarm proprietors employment	0.70	0.68	0.69	0.66	0.67
<b>By industry</b>					
Farm employment	2.88	2.96	3.18	3.21	3.27
Nonfarm employment	0.97	0.97	0.97	0.97	0.97
Private nonfarm employment	0.91	0.91	0.90	0.90	0.90
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	15.22	14.63	14.52	14.91	14.84
Utilities	4.52	4.25	4.22	4.41	4.27
Construction	1.31	1.38	1.17	1.31	1.26
Manufacturing	0.36	0.34	0.29	0.33	0.37
Wholesale trade	0.95	0.92	0.86	0.89	0.91
Retail trade	1.12	1.14	1.15	1.14	1.17
Transportation and warehousing	0.81	0.76	0.65	0.61	0.64
Information	0.30	N/A	N/A	N/A	N/A
Finance and insurance	0.41	0.41	0.41	0.40	N/A
Real estate and rental and leasing	0.71	0.72	0.73	0.71	N/A
Professional, scientific, and technical services	0.38	0.38	0.39	0.39	N/A
Management of companies and enterprises	0.35	0.38	0.37	0.36	0.37
Administrative and waste management services	0.43	0.42	0.41	0.42	N/A
Educational services	0.38	0.39	0.42	0.49	0.51
Health care and social assistance	0.98	1.01	1.08	1.09	1.06
Arts, entertainment, and recreation	N/A	0.59	0.61	0.63	N/A
Accommodation and food services	0.97	1.01	1.08	1.07	1.06
Other services, except public administration	0.81	0.82	0.86	0.86	0.88
Government and government enterprises	1.38	1.41	1.48	1.48	1.50
Federal, civilian	1.52	1.55	1.63	1.67	1.70
Military	0.50	0.49	0.53	0.53	0.53
State and local	1.45	1.48	1.55	1.55	1.56
State government	0.25	0.25	0.27	0.27	N/A
Local government	1.91	1.96	2.04	2.03	N/A
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 3: Location Quotients for San Juan (NM Base) 2014-2018</b>					
<b>NM Based</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	1.04	1.04	1.03	1.04	1.04
Proprietors employment	0.87	0.85	0.88	0.85	0.86
Farm proprietors employment	1.81	1.81	1.88	1.89	1.93
Nonfarm proprietors employment	0.77	0.76	0.77	0.75	0.76
<b>By industry</b>					
Farm employment	1.56	1.55	1.59	1.62	1.65
Nonfarm employment	0.98	0.99	0.98	0.98	0.98
Private nonfarm employment	1.00	1.00	0.99	0.98	0.98
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	3.70	3.56	3.75	3.52	3.24
Utilities	3.33	3.11	3.03	3.14	3.06
Construction	1.23	1.31	1.14	1.24	1.19
Manufacturing	0.80	0.74	0.66	0.74	0.82
Wholesale trade	1.29	1.26	1.24	1.28	1.32
Retail trade	1.07	1.08	1.10	1.11	1.12
Transportation and warehousing	1.15	1.11	1.02	0.97	1.01
Information	0.37	N/A	N/A	N/A	N/A
Finance and insurance	0.67	0.68	0.66	0.64	N/A
Real estate and rental and leasing	0.89	0.91	0.91	0.90	N/A
Professional, scientific, and technical services	0.37	0.37	0.38	0.38	N/A
Management of companies and enterprises	0.86	0.90	0.86	0.85	0.85
Administrative and waste management services	0.54	0.54	0.51	0.51	N/A
Educational services	0.60	0.62	0.65	0.75	0.80
Health care and social assistance	0.95	0.95	0.99	1.00	0.98
Arts, entertainment, and recreation	N/A	0.59	0.63	0.63	N/A
Accommodation and food services	0.86	0.90	0.95	0.94	0.94
Other services, except public administration	0.93	0.94	0.97	0.96	0.98
Government and government enterprises	0.92	0.94	0.98	0.98	0.99
Federal, civilian	0.84	0.86	0.89	0.91	0.93
Military	0.33	0.33	0.34	0.33	0.32
State and local	1.00	1.02	1.06	1.06	1.08
State government	0.13	0.13	0.14	0.14	N/A
Local government	1.50	1.52	1.58	1.58	N/A
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 4: San Juan, Total Employment by Industry 2018</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	50,369	81.45
Proprietors employment	11,470	18.55
Farm proprietors employment	2,277	3.68
Nonfarm proprietors employment	9,193	14.87
<b>By industry</b>		
Farm employment	2,626	4.25
Nonfarm employment	59,213	95.75
Private nonfarm employment	47,885	77.43
Forestry, fishing, and related activities	N/A	N/A
Mining	6,188	10.01
Utilities	776	1.25
Construction	4,253	6.88
Manufacturing	1,536	2.48
Wholesale trade	1,793	2.90
Retail trade	6,940	11.22
Transportation and warehousing	1,837	2.97
Information	N/A	N/A
Finance and insurance	N/A	N/A
Real estate and rental and leasing	N/A	N/A
Professional, scientific, and technical services	N/A	N/A
Management of companies and enterprises	304	0.49
Administrative and waste management services	N/A	N/A
Educational services	752	1.22
Health care and social assistance	7,370	11.92
Arts, entertainment, and recreation	N/A	N/A
Accommodation and food services	4,936	7.98
Other services, except public administration	3,057	4.94
Government and government enterprises	11,328	18.32
Federal, civilian	1,488	2.41
Military	316	0.51
State and local	9,524	15.40
State government	N/A	N/A
Local government	N/A	N/A
<b>Total employment</b>	<b>61,839</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 5: New Mexico Employment by Industry 2014-2018</b>					
<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<b>Total employment</b>	<b>1,083,772</b>	<b>1,091,984</b>	<b>1,092,637</b>	<b>1,097,669</b>	<b>1,115,574</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 6: United States Employment by Industry 2014-2018</b>					
<b>Number of jobs by industry</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<b>Total employment</b>	<b>186,233,800</b>	<b>190,315,800</b>	<b>193,371,900</b>	<b>196,825,300</b>	<b>200,746,000</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

<b>Table 7: San Juan, New Mexico and United States Percent of Employment by Industry 2018</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>San Juan</b>
<b>By type</b>			
Wage and salary employment	76.90	78.49	81.45
Proprietors employment	23.10	21.51	18.55
Farm proprietors employment	0.89	1.90	3.68
Nonfarm proprietors employment	22.21	19.61	14.87
<b>By industry</b>			
Farm employment	1.30	2.57	4.25
Nonfarm employment	98.70	97.43	95.75
Private nonfarm employment	86.48	78.99	77.43
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	10.01
Utilities	0.29	0.41	1.25
Construction	5.47	5.77	6.88
Manufacturing	6.73	3.01	2.48
Wholesale trade	3.20	2.20	2.90
Retail trade	9.62	10.01	11.22
Transportation and warehousing	4.66	2.95	2.97
Information	1.72	1.37	N/A
Finance and insurance	5.18	3.23	N/A
Real estate and rental and leasing	4.73	3.75	N/A
Professional, scientific, and technical services	7.08	7.32	N/A
Management of companies and enterprises	1.33	0.58	0.49
Administrative and waste management services	6.21	5.16	N/A
Educational services	2.38	1.52	1.22
Health care and social assistance	11.27	12.16	11.92
Arts, entertainment, and recreation	2.33	2.33	N/A
Accommodation and food services	7.51	8.53	7.98
Other services, except public administration	5.61	5.05	4.94
Government and government enterprises	12.23	18.44	18.32
Federal, civilian	1.42	2.59	2.41
Military	0.96	1.58	0.51
State and local	9.85	14.27	15.40
State government	2.69	5.12	N/A
Local government	7.16	9.15	N/A
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

<b>Table 8: San Juan Percent of Employment by Sectors 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
Wage and salary employment	81.49	81.84	81.41	81.81	81.45
Proprietors employment	18.51	18.16	18.59	18.19	18.55
Farm proprietors employment	3.60	3.57	3.71	3.71	3.68
Nonfarm proprietors employment	14.91	14.59	14.88	14.48	14.87
<b>By industry</b>					
Farm employment	4.08	4.11	4.34	4.27	4.25
Nonfarm employment	95.92	95.89	95.66	95.73	95.75
Private nonfarm employment	78.06	77.99	77.03	77.32	77.43
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	13.05	11.94	10.90	10.01	10.01
Utilities	1.41	1.33	1.36	1.32	1.25
Construction	6.75	7.15	6.26	7.03	6.88
Manufacturing	2.51	2.31	2.00	2.20	2.48
Wholesale trade	3.44	3.29	2.88	2.92	2.90
Retail trade	11.27	11.41	11.40	11.23	11.22
Transportation and warehousing	2.74	2.77	2.48	2.65	2.97
Information	0.54	N/A	N/A	N/A	N/A
Finance and insurance	2.14	2.14	2.17	2.09	N/A
Real estate and rental and leasing	3.20	3.29	3.34	3.34	N/A
Professional, scientific, and technical services	2.60	2.65	2.72	2.75	N/A
Management of companies and enterprises	0.44	0.49	0.50	0.47	0.49
Administrative and waste management services	2.70	2.61	2.53	2.62	N/A
Educational services	0.92	0.96	1.01	1.16	1.22
Health care and social assistance	10.89	11.29	12.21	12.32	11.92
Arts, entertainment, and recreation	N/A	1.31	1.38	1.45	N/A
Accommodation and food services	7.02	7.43	8.05	8.03	7.98
Other services, except public administration	4.72	4.83	4.93	4.82	4.94
Government and government enterprises	17.85	17.90	18.63	18.41	18.32
Federal, civilian	2.28	2.29	2.41	2.43	2.41
Military	0.53	0.50	0.53	0.52	0.51
State and local	15.04	15.11	15.70	15.46	15.40
State government	0.71	0.69	0.74	0.73	N/A
Local government	14.33	14.41	14.96	14.72	N/A
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation



<b>Table 9: New Mexico Percent of Employment by Industry 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculations

<b>Table 10: United States Percent of Employment by Industry 2014-2018</b>					
<b>Description</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>By type</b>					
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
<b>By industry</b>					
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
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation