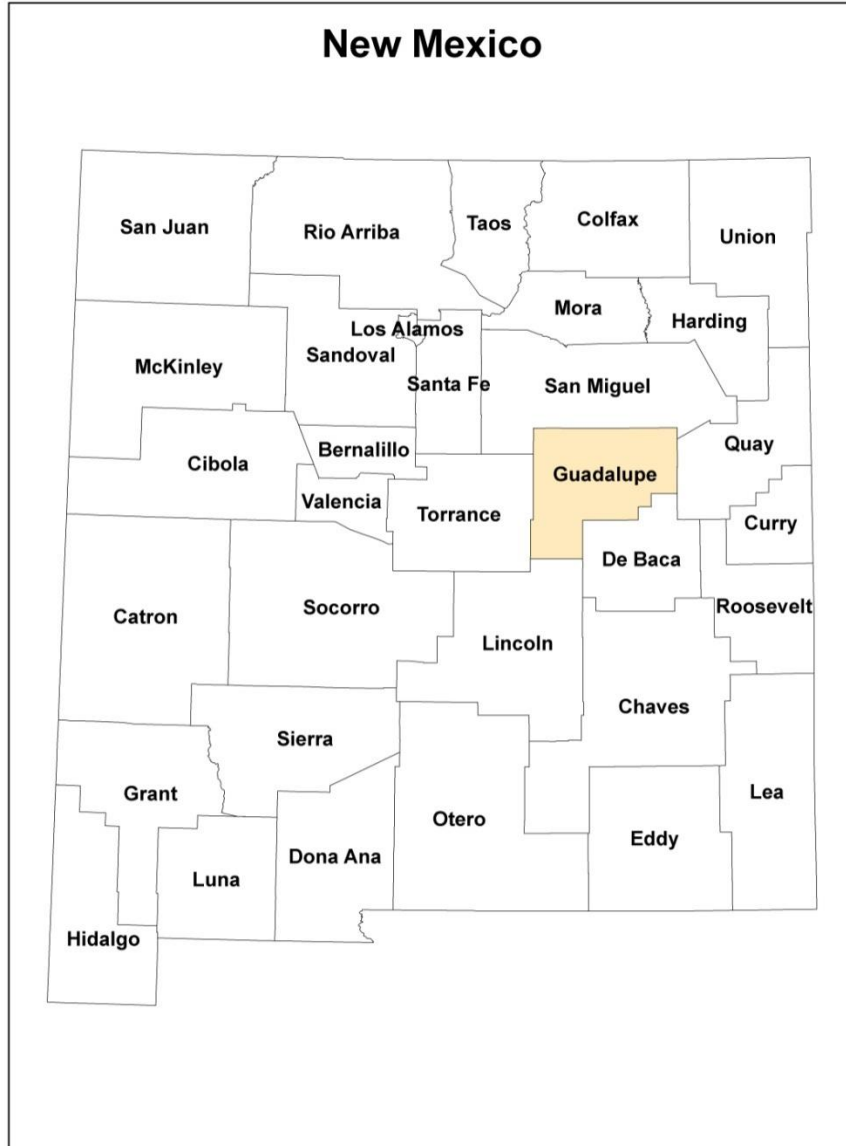


**The Economic Base of Guadalupe County, NM**

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

**DATE: July 2020**



## The Economic Base of Guadalupe 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 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](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, a 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>.

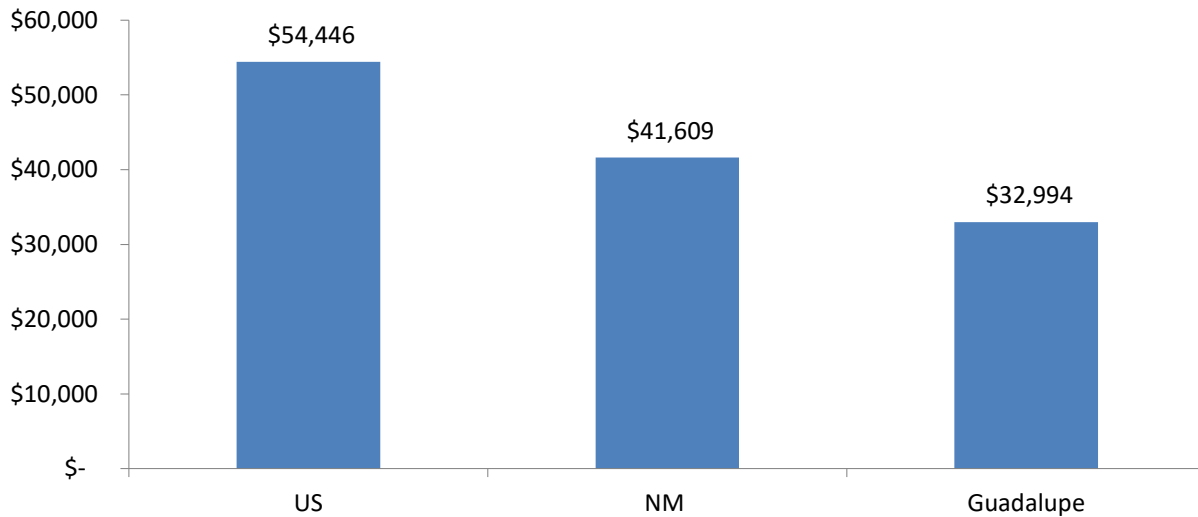
In this report, LQs are calculated for industries within Guadalupe County with national employment as basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). In this report, basic industries are identified using general 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).

## Guadalupe County, New Mexico

Guadalupe County is located in central eastern New Mexico and contains 3,030.48 square miles, or 2.50 percent of the land area in New Mexico. The population of Guadalupe County in 2018 was 4,341 or 0.21 percent of the state total, ranking 28<sup>th</sup> in the state of New Mexico in terms of population. The City of Santa Rosa, with a population of 3,426 in 2018 accounted for 78.92 percent of the population of Guadalupe County (U.S. Census Bureau, 2018). Between 2014 and 2018, the population of Guadalupe County decreased by 2.30 percent. During the period between 2014 and 2018, New Mexico's population increased by 0.24 percent and the United States' population increased by 2.76 percent.

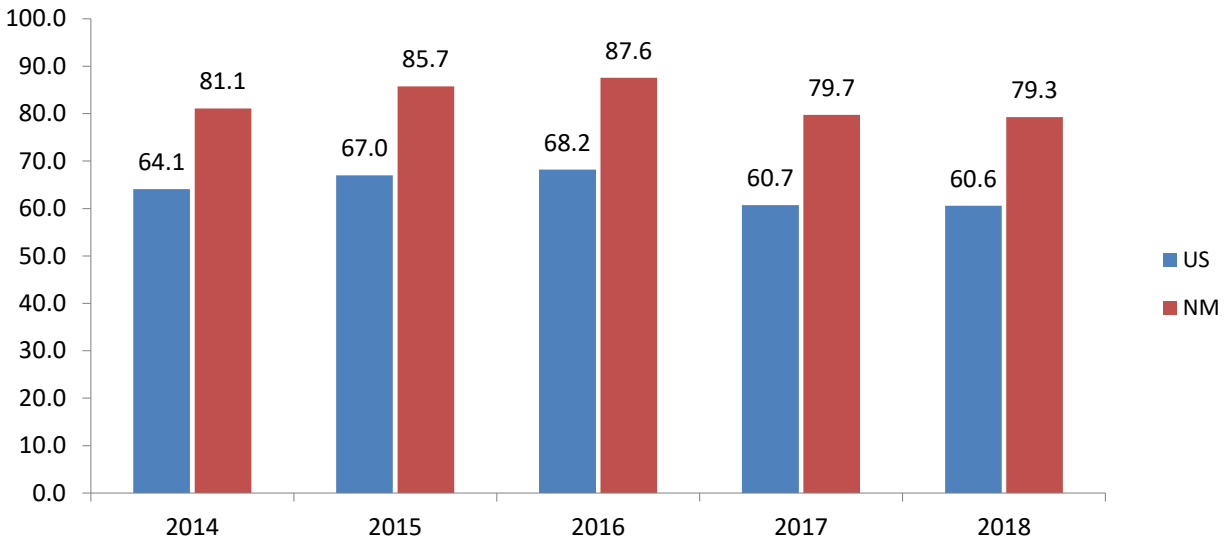
**Figure 1. Per Capita Personal Income: Guadalupe (2018)**

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Per capita personal income for Guadalupe County in 2018 was \$32,994. Per capita income for Guadalupe County was 79.30 percent of the corresponding state figure of \$41,609 and 60.60 percent of the national average of \$54,446 (See Figures 1 and 2). Between 2014 and 2018, the growth rate of per capita income in Guadalupe County increased by 9.42 percent, which was lower compared to the state (11.91 percent) and the nation (15.70 percent) for the same period.

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



Total employment for Guadalupe County in 2018 was 2,243. Between 2014 and 2018, total employment in Guadalupe County increased by 3.36 percent, compared to the increase in employment of 2.93 percent for the state and increase of 7.79 percent for the nation. The employment to population ratio for Guadalupe County was 0.52, compared to the state’s ratio (0.53) and the nation’s ratio (0.61). Given the small population and limited number of establishments in Guadalupe County, released BEA data on employment by industry for the county is very limited to protect confidentiality. Data for industries with fewer than 10 employees was not released. Industry data for both are included in annual countywide totals.

In 2018, the Private sector employed 64.16 percent of workers in Guadalupe County, while Government and Government Enterprises accounted for 18.55 percent and Farm employment accounted for 17.30 percent of total employment. The industries in the Private sector with the highest percentage of total employment included: Accommodation and Food Services (19.53), Retail Trade (13.78), and Healthcare and Social Assistance (7.98). Employment in the public sector is largely concentrated in Local government with 14.36 percent of total employment. State government had 2.67 percent of employment, while Federal/civilian accounted for 1.07 percent and Military employment accounted for 0.45 percent of public employment. Employment for Guadalupe County by sector is displayed in Table 1.

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

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

Guadalupe County's level of specialization in the agricultural sector and Farm employment is reflected in a high LQ. In 2018, Farm employment had an LQ of 13.34 which has been greater than 12.38 in all years considered. Farm employment is considered a basic industry in Guadalupe County. Accommodation and Food Services is also considered a basic industry. This industry had an LQ of 2.60 in 2018 and had LQs exceeding 2.51 in all years considered. Retail Trade, with an LQ of 1.43 in 2018, is considered a basic industry in Guadalupe County due to the demand of tourism on retail activities. Additionally, Mining had an LQ of 1.26 in 2018. This is considered a basic industry for Guadalupe County.

Government and Government Enterprises are the aggregate figures of all government levels listed as government categories. The only government sectors with LQs greater than 1.0 in 2018 were State government with a LQ of 1.00 and Local government with a LQ of 2.00. In this analysis, only state government will be considered a basic industry. Local government is generally categorized as non-basic given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Guadalupe County will be considered a non-basic industry.

The data and analysis for 2018 suggest the following industries should be considered basic in Guadalupe County:

1. Farm employment, accounted for 388 jobs.
2. Accommodation and Food Services, accounted for 438 jobs.
3. State government, accounted for 60 jobs.
4. Retail Trade, accounted for 309 jobs.
5. Mining, accounted for 19 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 Guadalupe County by total employment in the basic sectors. In the case of Guadalupe County, the multiplier is equal to 1.85 (2,243/1,214). This ratio suggests that the addition of each basic sector job in Guadalupe County would be associated with additional 1.85 non-basic sector jobs. The export base multiplier (1.85) calculated above reinforces the importance of basic (exporting) industries to the economy of Guadalupe 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 Guadalupe 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 economic data and the U.S. Census Bureau for population data. Between 2017 and 2018 the population in Guadalupe County decreased by 1.54 percent, from 4,409 in 2017 to 4,341 in 2018. Between 2017 and 2018, per capita income for Guadalupe County increased by 4.74 percent from \$31,501 in 2017 to \$32,994 in 2018. During this same period, total employment decreased by 0.49 percent or 11 jobs.

**Tables 1 to 10 appear on pages 7-16**

<b>Table 1: Guadalupe 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	1579	1628	1712	1640	1625
Proprietors employment	591	620	650	614	618
Farm proprietors employment	339	341	340	340	336
Nonfarm proprietors employment 2/	252	279	310	274	282
<b>By industry</b>					
Farm employment	387	394	399	393	388
Nonfarm employment	1783	1854	1963	1861	1855
Private nonfarm employment	1349	1421	1547	1453	1439
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	14	27	20	19
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	65	67	72	47	41
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	256	250	323	322	309
Transportation and warehousing	50	50	50	63	69
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	187	N/A	N/A	N/A	N/A
Educational services	8	10	11	9	9
Health care and social assistance	145	168	179	168	179
Arts, entertainment, and recreation	18	11	14	19	20
Accommodation and food services	396	447	453	441	438
Other services, except public administration	67	65	62	62	64
Government and government enterprises	434	433	416	408	416
Federal, civilian	23	21	22	24	24
Military	11	10	10	10	10
State and local	400	402	384	374	382
State government	96	92	71	64	60
Local government	304	310	313	310	322
<b>Total employment</b>	<b>2,170</b>	<b>2,248</b>	<b>2,362</b>	<b>2,254</b>	<b>2,243</b>

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



<b>Table 2: Location Quotients for Guadalupe (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	0.94	0.93	0.93	0.94	0.94
Proprietors employment	1.22	1.23	1.22	1.19	1.19
Farm proprietors employment	15.81	15.78	15.31	16.48	16.80
Nonfarm proprietors employment	0.55	0.58	0.61	0.55	0.57
<b>By industry</b>					
Farm employment	12.57	12.61	12.38	13.09	13.34
Nonfarm employment	0.83	0.84	0.84	0.84	0.84
Private nonfarm employment	0.73	0.74	0.76	0.75	0.74
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	0.76	1.52	1.32	1.26
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.58	0.58	0.57	0.39	0.33
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	1.17	1.11	1.38	1.45	1.43
Transportation and warehousing	0.68	0.61	0.55	0.65	0.66
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	1.37	N/A	N/A	N/A	N/A
Educational services	0.15	0.18	0.19	0.17	0.17
Health care and social assistance	0.60	0.67	0.67	0.66	0.71
Arts, entertainment, and recreation	0.37	0.22	0.26	0.37	0.38
Accommodation and food services	2.51	2.71	2.58	2.60	2.60
Other services, except public administration	0.53	0.49	0.46	0.49	0.51
Government and government enterprises	1.55	1.52	1.40	1.46	1.52
Federal, civilian	0.71	0.63	0.63	0.73	0.75
Military	0.48	0.43	0.42	0.45	0.47
State and local	1.78	1.76	1.61	1.66	1.73
State government	1.55	1.46	1.09	1.04	1.00
Local government	1.87	1.87	1.81	1.90	2.00
<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 Guadalupe (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	0.92	0.92	0.92	0.93	0.92
Proprietors employment	1.28	1.30	1.30	1.27	1.28
Farm proprietors employment	7.85	7.68	7.30	7.70	7.87
Nonfarm proprietors employment	0.60	0.64	0.68	0.63	0.64
<b>By industry</b>					
Farm employment	6.82	6.59	6.18	6.59	6.73
Nonfarm employment	0.84	0.85	0.85	0.85	0.85
Private nonfarm employment	0.80	0.81	0.84	0.82	0.81
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	0.19	0.39	0.31	0.27
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.54	0.55	0.56	0.37	0.32
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	1.12	1.06	1.31	1.41	1.38
Transportation and warehousing	0.96	0.89	0.87	1.02	1.04
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	1.72	N/A	N/A	N/A	N/A
Educational services	0.24	0.29	0.30	0.26	0.26
Health care and social assistance	0.58	0.63	0.62	0.61	0.66
Arts, entertainment, and recreation	0.37	0.22	0.27	0.37	0.38
Accommodation and food services	2.24	2.41	2.26	2.30	2.29
Other services, except public administration	0.61	0.57	0.52	0.55	0.57
Government and government enterprises	1.03	1.01	0.92	0.96	1.01
Federal, civilian	0.39	0.35	0.35	0.40	0.41
Military	0.31	0.29	0.27	0.28	0.28
State and local	1.23	1.20	1.10	1.14	1.19
State government	0.82	0.76	0.56	0.54	0.52
Local government	1.47	1.46	1.40	1.48	1.57
<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: Guadalupe, Total Employment by Industry 2018</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	1,625	72.45
Proprietors employment	618	27.55
Farm proprietors employment	336	14.98
Nonfarm proprietors employment	282	12.57
<b>By industry</b>		
Farm employment	388	17.30
Nonfarm employment	1,855	82.70
Private nonfarm employment	1,439	64.16
Forestry, fishing, and related activities	N/A	N/A
Mining	19	0.85
Utilities	N/A	N/A
Construction	41	1.83
Manufacturing	N/A	N/A
Wholesale trade	N/A	N/A
Retail trade	309	13.78
Transportation and warehousing	69	3.08
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	0	0.00
Administrative and waste management services	N/A	N/A
Educational services	9	0.40
Health care and social assistance	179	7.98
Arts, entertainment, and recreation	20	0.89
Accommodation and food services	438	19.53
Other services, except public administration	64	2.85
Government and government enterprises	416	18.55
Federal, civilian	24	1.07
Military	10	0.45
State and local	382	17.03
State government	60	2.67
Local government	322	14.36
<b>Total employment</b>	<b>2,243</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>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

**Table 7: Guadalupe, New Mexico and United States Percent of Employment by Industry 2018**

	United States	New Mexico	Guadalupe
<b>By type</b>			
Wage and salary employment	76.90	78.49	72.45
Proprietors employment	23.10	21.51	27.55
Farm proprietors employment	0.89	1.90	14.98
Nonfarm proprietors employment	22.21	19.61	12.57
<b>By industry</b>			
Farm employment	1.30	2.57	17.30
Nonfarm employment	98.70	97.43	82.70
Private nonfarm employment	86.48	78.99	64.16
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	0.85
Utilities	0.29	0.41	N/A
Construction	5.47	5.77	1.83
Manufacturing	6.73	3.01	N/A
Wholesale trade	3.20	2.20	N/A
Retail trade	9.62	10.01	13.78
Transportation and warehousing	4.66	2.95	3.08
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	0.00
Administrative and waste management services	6.21	5.16	N/A
Educational services	2.38	1.52	0.40
Health care and social assistance	11.27	12.16	7.98
Arts, entertainment, and recreation	2.33	2.33	0.89
Accommodation and food services	7.51	8.53	19.53
Other services, except public administration	5.61	5.05	2.85
Government and government enterprises	12.23	18.44	18.55
Federal, civilian	1.42	2.59	1.07
Military	0.96	1.58	0.45
State and local	9.85	14.27	17.03
State government	2.69	5.12	2.67
Local government	7.16	9.15	14.36
<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: Guadalupe 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	72.76	72.42	72.48	72.76	72.45
Proprietors employment	27.24	27.58	27.52	27.24	27.55
Farm proprietors employment	15.62	15.17	14.39	15.08	14.98
Nonfarm proprietors employment	11.61	12.41	13.12	12.16	12.57
<b>By industry</b>					
Farm employment	17.83	17.53	16.89	17.44	17.30
Nonfarm employment	82.17	82.47	83.11	82.56	82.70
Private nonfarm employment	62.17	63.21	65.50	64.46	64.16
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	0.62	1.14	0.89	0.85
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	3.00	2.98	3.05	2.09	1.83
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A
Retail trade	11.80	11.12	13.67	14.29	13.78
Transportation and warehousing	2.30	2.22	2.12	2.80	3.08
Information	N/A	N/A	N/A	N/A	N/A
Finance and insurance	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	N/A	N/A	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	8.62	N/A	N/A	N/A	N/A
Educational services	0.37	0.44	0.47	0.40	0.40
Health care and social assistance	6.68	7.47	7.58	7.45	7.98
Arts, entertainment, and recreation	0.83	0.49	0.59	0.84	0.89
Accommodation and food services	18.25	19.88	19.18	19.57	19.53
Other services, except public administration	3.09	2.89	2.62	2.75	2.85
Government and government enterprises	20.00	19.26	17.61	18.10	18.55
Federal, civilian	1.06	0.93	0.93	1.06	1.07
Military	0.51	0.44	0.42	0.44	0.45
State and local	18.43	17.88	16.26	16.59	17.03
State government	4.42	4.09	3.01	2.84	2.67
Local government	14.01	13.79	13.25	13.75	14.36
<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