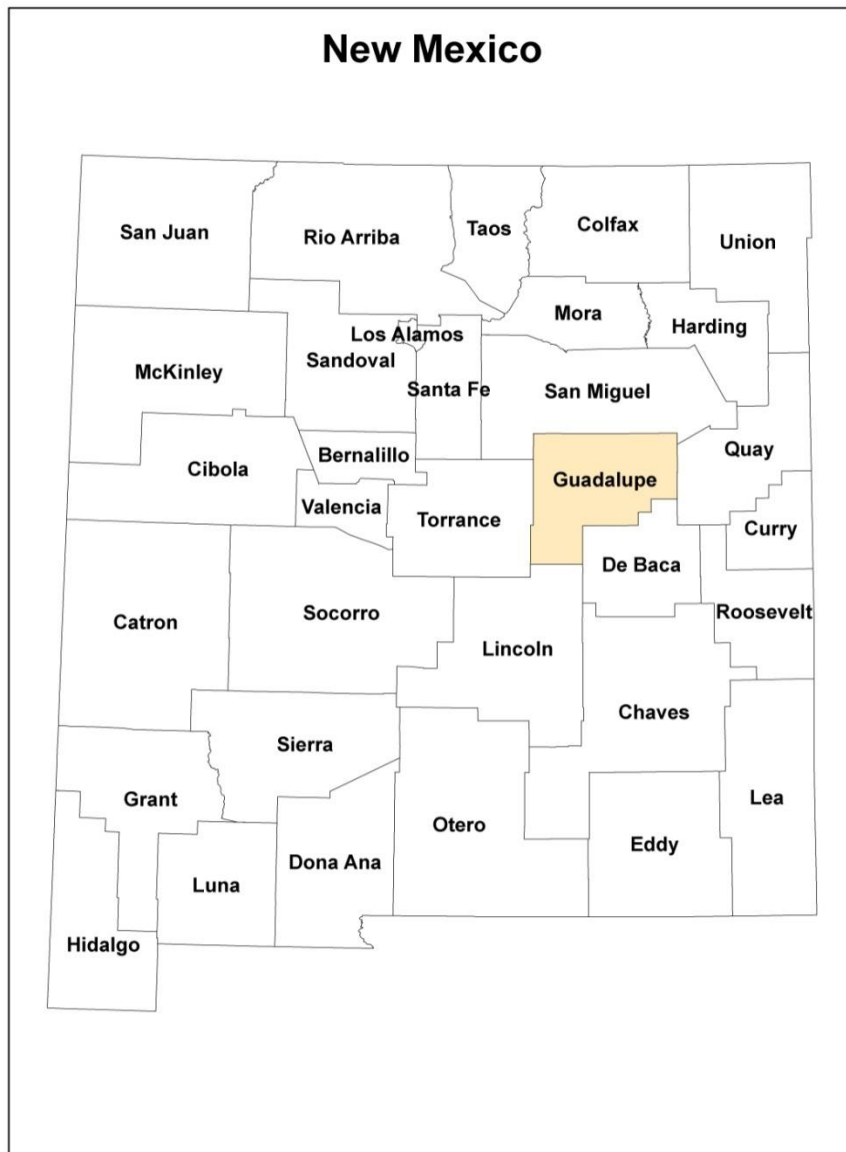




**The Economic Base of Guadalupe County, NM**

**PREPARED BY: The Office of Policy Analysis at Arrowhead Center,  
New Mexico State University**

**DATE: July 2017**



## The Economic Base of Guadalupe County, New Mexico

### Introduction

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

The reports have been prepared under the direction of James Peach, Director of the Office of Policy Analysis. Leonardo Delgado and Noel Martinez, graduate students in the NMSU Doctorate in Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to [jpeach@nmsu.edu](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:

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

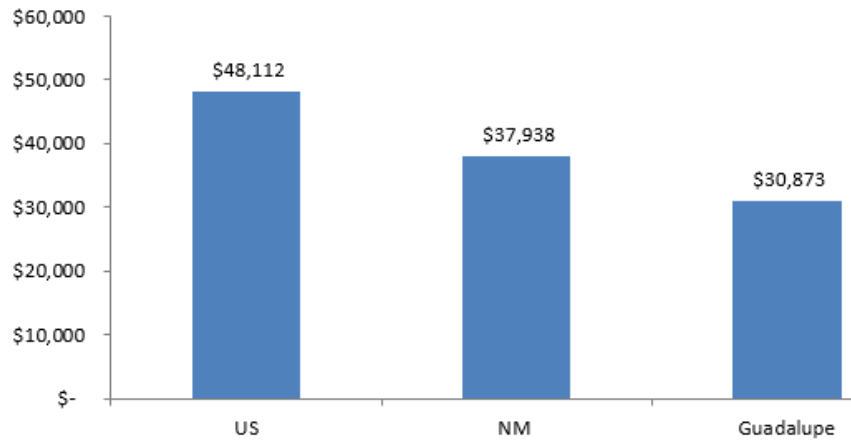
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, a LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see <http://arrowheadcenter.nmsu.edu/wp-content/uploads/2015/06/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated 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 (2011-2015). 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**

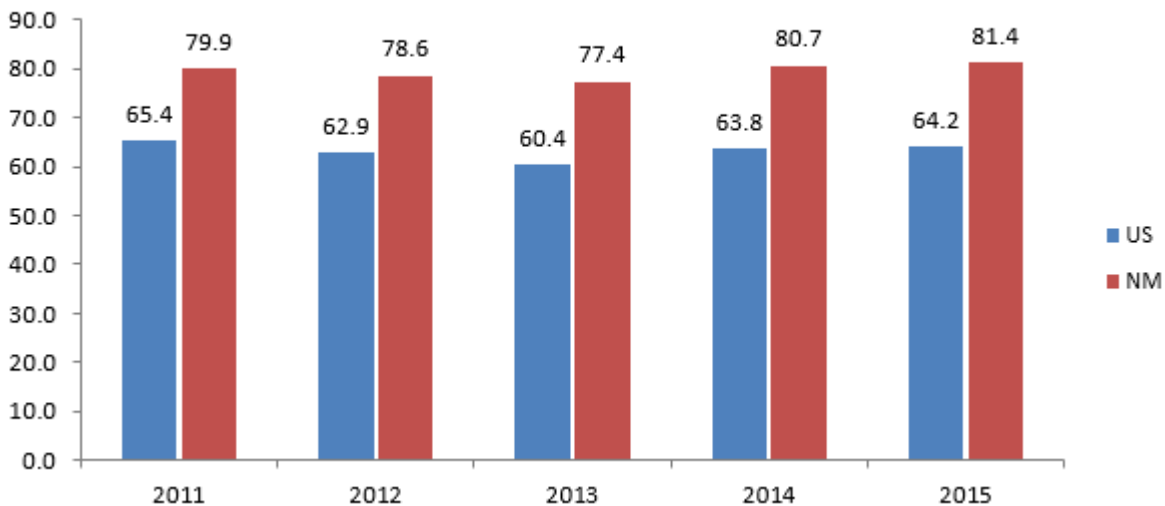
Guadalupe County is located in central eastern New Mexico and contains 3,030.48 square miles, or 2.50 percent of the land area in New Mexico. The population of Guadalupe County in 2015 was 4,371 or .21 percent of the state total, ranking 29<sup>th</sup> in the state of New Mexico in terms of population. Between 2011 and 2015, the population of Guadalupe County decreased by 6.02 percent. The City of Santa Rosa, with a population of 2,671 in 2015 accounted for 61.1 percent of the population of Guadalupe County (U.S. Census Bureau, 2017). During the period between 2011 and 2015, New Mexico's population increased by .33 percent the United States' population increased by 3.11 percent.

**Figure 1. Per Capita Personal Income: Guadalupe County (2015)**



Per capita personal income for Guadalupe County in 2015 was \$30,873 ranking 28<sup>th</sup> in the state. Per capita income for Guadalupe County was 81.4 percent of the corresponding state figure of \$37,938 and 64.2 percent of the national average of \$48,112 (See Figures 1 and 2). Between 2011 and 2015, the growth rate of per capita income in Guadalupe County increased by 11.19 percent, slightly higher when compared to the state (9.24 percent) and lower compared to the nation (13.33 percent) for the same period. Per capita income growth rate was positive for all years considered. However, given the low levels of per capita income in the county, this percent growth rate represented \$3,108 increase between 2011 and 2015.

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



Total employment for Guadalupe County in 2015 was 2,229. Between 2011 and 2015, total employment in Guadalupe County increased by 13.61 percent, compared to the increase in employment of 2.88 percent for the state and increase of 7.89 percent for the nation. The employment to population

ratio for Guadalupe County was .51, compared to the state ratio (0.53) and the national ratio (0.59). 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 2015, the Private sector employed 63.08 percent of workers in Guadalupe County, while Government and government enterprises accounted for 19.43 percent and Farm employment accounted for 17.5 percent of total employment. The industries in the Private sector with the highest percentage of total employment included: Accommodation and Food services (19.16 percent), Retail trade (11.35), and Health care and Social assistance (8.3). Employment in public sector is largely concentrated in Local government (13.86 percent of total employment). State government had 4.17 percent, while Federal/civilian accounted for 0.94 percent and Military employment accounted for 0.45 percent of public employment. Employment for Guadalupe County by sector is displayed in Table 3.

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

Table 1 contains LQs for Guadalupe County from 2011 to 2015 calculated using data for the United States as the basis for comparison. Table 2 contains LQs for Guadalupe County from 2011 to 2015 calculated with respect to the state of New Mexico. For the purposes of this report, a LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with a LQ greater than 1.0 have been shaded.

Guadalupe County level of specialization in agricultural sector is reflected in a higher LQ for this county, farm employment with a LQ of 12.60, which has been greater than 12.26 in all years considered. Farm employment is to be considered a basic industry for Guadalupe County. Accommodation and food services should also be considered basic economic sector in Guadalupe County. This industry had a LQ of 2.60 in 2015 and LQs exceeding 2.52 in all years considered. These LQs reflects the influence of tourism in the economy and tourism in Santa Rosa and its surroundings, including a large choice of lakes. Tourism has resulted in increases in the number of hotel rooms available in Santa Rosa on or near heavily traveled Interstate 40. Retail trade with LQ of 1.13 in 2015 is also considered a basic industry for Guadalupe County in, due to the demand of tourism on retail activities. Transportation and Warehousing had a LQ of .63 for 2015 and is not considered a basic industry.

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 2015 were

State government with a LQ of 1.50 and Local government with a LQ of 1.87. 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. Federal/civilian employment has decreased in importance for Guadalupe, having LQs smaller than 1.0 since 2011.

The data and analysis for 2015 suggest the following industries should be considered basic in Guadalupe County:

1. Farm employment accounted for 390 jobs.
2. Accommodation and Food services accounted for 427 jobs.
3. State government accounted for 93 jobs.
4. Retail Trade accounted for 253 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment by total employment in the basic sectors. In the case of Guadalupe County, the multiplier is equal to 1.92 (2,229/1,163). This ratio suggests that the addition of each basic sector job in Guadalupe County would be associated with additional 1.92 non-basic sector jobs. The export base multiplier (1.92) 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 2014 and 2015 the population in Guadalupe County decreased by 1.62 percent, from 4,443 in 2014 to 4,371 in 2015. Between 2014 and 2015, per

capita income for Guadalupe County increased by 4.32 percent from \$29,594 in 2014 to \$30,873 in 2015. Finally, during this same period, total employment increased by .02 percent or 53 jobs.

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

<b>Table 1: Location Quotients for Guadalupe County (US Base) 2011-2015</b>					
<b>US Base</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	0.90	0.89	0.93	0.94	0.95
Proprietors employment	1.33	1.38	1.24	1.21	1.19
Farm proprietors employment	15.13	16.60	15.26	15.65	15.76
Nonfarm proprietors employment	0.64	0.63	0.56	0.54	0.53
<b>By industry</b>					
Farm employment	12.26	13.37	12.41	12.45	12.60
Nonfarm employment	0.83	0.82	0.83	0.83	0.84
Private nonfarm employment	0.70	0.68	0.72	0.73	0.73
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.69	0.60	0.74	0.54	0.43
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	1.24	1.22	1.11	1.17	1.13
Transportation and warehousing	0.87	0.88	0.79	0.68	0.63
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	N/A	N/A	1.35	1.36	N/A
Educational services	N/A	N/A	N/A	0.19	0.20
Health care and social assistance	0.69	0.65	0.60	0.67	0.74
Arts, entertainment, and recreation	0.37	0.41	0.37	0.37	0.36
Accommodation and food services	2.82	2.76	2.54	2.52	2.60
Other services, except public administration	0.60	0.58	0.53	0.53	0.53
Government and government enterprises	1.60	1.65	1.53	1.54	1.53
Federal, civilian	0.80	0.76	0.71	0.70	0.64
Military	0.47	0.49	0.45	0.43	0.44
State and local	1.84	1.91	1.76	1.78	1.77
State government	1.64	1.66	1.57	1.56	1.50
Local government	1.92	2.00	1.83	1.86	1.87
<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 CA25N and author's calculation



<b>Table 2: Location Quotients for Guadalupe County (NM Base) 2011-2015</b>					
	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>NM Based</b>					
<b>By type</b>					
Wage and salary employment	0.89	0.89	0.92	0.93	0.94
Proprietors employment	1.39	1.42	1.29	1.27	1.23
Farm proprietors employment	8.28	8.52	7.75	7.86	7.78
Nonfarm proprietors employment	0.70	0.68	0.62	0.60	0.58
<b>By industry</b>					
Farm employment	7.15	7.37	6.63	6.81	6.66
Nonfarm employment	0.84	0.83	0.84	0.85	0.85
Private nonfarm employment	0.77	0.75	0.80	0.80	0.81
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	0.61	0.55	0.68	0.51	0.41
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	1.21	1.18	1.07	1.12	1.07
Transportation and warehousing	1.23	1.22	1.10	0.96	0.91
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	N/A	N/A	1.66	1.71	N/A
Educational services	N/A	N/A	N/A	0.30	0.31
Health care and social assistance	0.67	0.63	0.59	0.64	0.70
Arts, entertainment, and recreation	0.38	0.41	0.37	0.37	0.36
Accommodation and food services	2.56	2.51	2.30	2.25	2.32
Other services, except public administration	0.67	0.65	0.61	0.61	0.60
Government and government enterprises	1.10	1.12	1.03	1.03	1.02
Federal, civilian	0.43	0.41	0.39	0.39	0.35
Military	0.33	0.33	0.30	0.28	0.29
State and local	1.31	1.35	1.23	1.23	1.22
State government	0.89	0.90	0.84	0.81	0.78
Local government	1.55	1.59	1.45	1.46	1.47
<b>Total employment</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N and author's calculation

<b>Table 3: Guadalupe County Total Employment by Industry 2015</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	1,637	73.44
Proprietors employment	592	26.56
Farm proprietors employment	337	15.12
Nonfarm proprietors employment	255	11.44
<b>By industry</b>		
Farm employment	390	17.50
Nonfarm employment	1,839	82.50
Private nonfarm employment	1,406	63.08
Forestry, fishing, and related activities	(D)	N/A
Mining	(L)	N/A
Utilities	(D)	N/A
Construction	50	2.24
Manufacturing	(D)	N/A
Wholesale trade	(D)	N/A
Retail trade	253	11.35
Transportation and warehousing	49	2.20
Information	(D)	N/A
Finance and insurance	(D)	N/A
Real estate and rental and leasing	(D)	N/A
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	(D)	#VALUE!
Educational services	11	0.49
Health care and social assistance	185	8.30
Arts, entertainment, and recreation	18	0.81
Accommodation and food services	427	19.16
Other services, except public administration	68	3.05
Government and government enterprises	433	19.43
Federal, civilian	21	0.94
Military	10	0.45
State and local	402	18.03
State government	93	4.17
Local government	309	13.86
<b>Total employment</b>	<b>2,229</b>	<b>100.00</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N and author's calculation

<b>Table 4: Guadalupe County Employment by Industry 2011-2015</b>					
<b>Number of jobs by industry</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	1380	1373	1584	1590	1637
Proprietors employment	582	598	599	586	592
Farm proprietors employment	316	337	339	337	337
Nonfarm proprietors employment 2/	266	261	260	249	255
<b>By industry</b>					
Farm employment	360	386	393	385	390
Nonfarm employment	1602	1585	1790	1791	1839
Private nonfarm employment	1170	1147	1350	1358	1406
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(L)
Utilities	(D)	(D)	(D)	(D)	(D)
Construction	67	59	82	61	50
Manufacturing	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)
Retail trade	248	243	245	256	253
Transportation and warehousing	55	57	57	50	49
Information	(D)	(D)	(D)	(D)	(D)
Finance and insurance	(D)	(D)	(D)	(D)	(D)
Real estate and rental and leasing	(D)	(D)	(D)	(D)	(D)
Professional, scientific, and technical services	(D)	(D)	(D)	(D)	(D)
Management of companies and enterprises	0	0	0	0	0
Administrative and waste management services	(D)	(D)	184	187	(D)
Educational services	(L)	(L)	(L)	10	11
Health care and social assistance	150	143	148	162	185
Arts, entertainment, and recreation	16	18	18	18	18
Accommodation and food services	388	385	399	400	427
Other services, except public administration	68	66	67	68	68
Government and government enterprises	432	438	440	433	433
Federal, civilian	26	24	24	23	21
Military	11	11	11	10	10
State and local	395	403	405	400	402
State government	96	96	99	96	93
Local government	299	307	306	304	309
<b>Total employment</b>	<b>1962</b>	<b>1971</b>	<b>2183</b>	<b>2176</b>	<b>2229</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N

**Table 5: New Mexico Employment by Industry 2011-2015**

<b>Number of jobs by industry</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	837,281	839,789	846,896	852,861	859,738
Proprietors employment	228,010	227,968	228,971	229,416	236,211
Farm proprietors employment	20,715	21,436	21,547	21,322	21,311
Nonfarm proprietors employment 2/	207,295	206,532	207,424	208,094	214,900
<b>By industry</b>					
Farm employment	27,323	28,370	29,218	28,111	28,772
Nonfarm employment	1,037,968	1,039,387	1,046,649	1,054,166	1,067,177
Private nonfarm employment	824,157	827,488	835,812	844,809	858,620
Forestry, fishing, and related activities	5,237	5,138	5,247	5,682	5,884
Mining	28,362	34,232	36,831	38,198	35,898
Utilities	4,554	4,583	4,667	4,591	4,573
Construction	59,382	58,032	59,248	59,713	60,555
Manufacturing	35,750	35,771	35,469	34,032	34,076
Wholesale trade	26,513	26,486	26,694	27,496	28,567
Retail trade	111,583	111,908	112,808	114,086	115,724
Transportation and warehousing	24,333	25,361	25,505	25,846	26,447
Information	16,508	16,473	16,059	15,723	16,006
Finance and insurance	35,632	35,138	34,903	34,602	34,612
Real estate and rental and leasing	39,760	38,275	38,513	39,253	40,479
Professional, scientific, and technical services	77,591	76,152	75,940	76,094	77,546
Management of companies and enterprises	5,491	5,449	5,503	5,632	5,814
Administrative and waste management services	54,746	53,440	54,622	54,418	54,184
Educational services	16,280	16,152	16,404	16,716	17,553
Health care and social assistance	121,675	123,264	123,782	124,943	129,672
Arts, entertainment, and recreation	23,142	23,722	23,743	24,052	24,885
Accommodation and food services	82,391	83,232	85,532	88,375	90,601
Other services, except public administration	55,227	54,680	54,342	55,357	55,544
Government and government enterprises	213,811	211,899	210,837	209,357	208,557
Federal, civilian	32,611	31,631	30,389	29,462	29,200
Military	18,057	18,178	18,350	17,518	16,917
State and local	163,143	162,090	162,098	162,377	162,440
State government	58,306	57,523	57,763	58,753	58,916
Local government	104,837	104,567	104,335	103,624	103,524
<b>Total employment</b>	<b>1,065,291</b>	<b>1,067,757</b>	<b>1,075,867</b>	<b>1,082,277</b>	<b>1,095,949</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N

<b>Table 6: United States Employment by Industry 2011-2015</b>					
<b>Number of jobs by industry</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	137,105,000	139,721,000	142,015,000	144,811,000	147,634,000
Proprietors employment	39,173,700	39,360,700	40,393,100	41,357,100	42,561,400
Farm proprietors employment	1,876,000	1,844,000	1,856,000	1,842,000	1,825,000
Nonfarm proprietors employment 2/	37,297,700	37,516,700	38,537,100	39,515,100	40,736,400
<b>By industry</b>					
Farm employment	2,639,000	2,623,000	2,646,000	2,645,000	2,642,000
Nonfarm employment	173,639,700	176,458,700	179,762,100	183,523,100	187,553,400
Private nonfarm employment	149,350,700	152,356,700	155,708,100	159,476,100	163,411,400
Forestry, fishing, and related activities	860,600	886,400	911,100	943,000	962,000
Mining	1,244,000	1,551,200	1,606,000	1,593,500	1,504,600
Utilities	575,500	577,600	578,300	580,600	588,500
Construction	8,774,800	8,944,800	9,251,800	9,582,300	9,948,900
Manufacturing	12,385,700	12,605,200	12,760,200	12,905,600	13,091,200
Wholesale trade	6,160,300	6,243,500	6,345,100	6,574,900	6,785,600
Retail trade	17,954,300	18,085,800	18,383,100	18,744,100	19,149,000
Transportation and warehousing	5,684,800	5,872,400	6,020,800	6,273,400	6,605,300
Information	3,230,000	3,224,700	3,264,600	3,327,000	3,376,600
Finance and insurance	9,751,500	9,702,300	9,816,300	9,617,000	9,645,700
Real estate and rental and leasing	7,936,300	7,859,200	8,060,800	8,421,800	8,727,200
Professional, scientific, and technical services	11,970,100	12,211,200	12,549,300	12,867,700	13,242,900
Management of companies and enterprises	2,080,600	2,180,200	2,265,000	2,366,300	2,431,800
Administrative and waste management services	10,753,600	11,035,400	11,371,900	11,730,200	12,022,900
Educational services	4,122,600	4,198,200	4,329,100	4,488,100	4,662,000
Health care and social assistance	19,417,200	20,112,500	20,514,200	20,830,400	21,309,800
Arts, entertainment, and recreation	3,873,300	3,980,900	4,045,800	4,182,300	4,289,000
Accommodation and food services	12,343,400	12,670,500	13,105,200	13,560,900	14,032,200
Other services, except public administration	10,232,100	10,414,700	10,529,500	10,887,000	11,036,200
Government and government enterprises	24,289,000	24,102,000	24,054,000	24,047,000	24,142,000
Federal, civilian	2,918,000	2,875,000	2,825,000	2,793,000	2,811,000
Military	2,081,000	2,056,000	2,032,000	1,975,000	1,955,000
State and local	19,290,000	19,171,000	19,197,000	19,279,000	19,376,000
State government	5,266,000	5,254,000	5,262,000	5,278,000	5,297,000
Local government	14,024,000	13,917,000	13,935,000	14,001,000	14,079,000
<b>Total employment</b>	<b>176,278,700</b>	<b>179,081,700</b>	<b>182,408,100</b>	<b>186,168,100</b>	<b>190,195,400</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N

**Table 7: Guadalupe County, New Mexico and United States Percent of Employment by Industry 2015**

	United States	New Mexico	Guadalupe County
<b>By type</b>			
Wage and salary employment	77.62	78.45	73.44
Proprietors employment	22.38	21.55	26.56
Farm proprietors employment	0.96	1.94	15.12
Nonfarm proprietors employment	21.42	19.61	11.44
<b>By industry</b>			
Farm employment	1.39	2.63	17.50
Nonfarm employment	98.61	97.37	82.50
Private nonfarm employment	85.92	78.34	63.08
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	N/A
Construction	5.23	5.53	2.24
Manufacturing	6.88	3.11	N/A
Wholesale trade	3.57	2.61	N/A
Retail trade	10.07	10.56	11.35
Transportation and warehousing	3.47	2.41	2.20
Information	1.78	1.46	N/A
Finance and insurance	5.07	3.16	N/A
Real estate and rental and leasing	4.59	3.69	N/A
Professional, scientific, and technical services	6.96	7.08	N/A
Management of companies and enterprises	1.28	0.53	0.00
Administrative and waste management services	6.32	4.94	N/A
Educational services	2.45	1.60	0.49
Health care and social assistance	11.20	11.83	8.30
Arts, entertainment, and recreation	2.26	2.27	0.81
Accommodation and food services	7.38	8.27	19.16
Other services, except public administration	5.80	5.07	3.05
Government and government enterprises	12.69	19.03	19.43
Federal, civilian	1.48	2.66	0.94
Military	1.03	1.54	0.45
State and local	10.19	14.82	18.03
State government	2.79	5.38	4.17
Local government	7.40	9.45	13.86
<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 CA25N and author's calculation

<b>Table 8: Guadalupe County Percent of Employment by Sectors 2011-2015</b>					
<b>Description</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	70.34	69.66	72.56	73.07	73.44
Proprietors employment	29.66	30.34	27.44	26.93	26.56
Farm proprietors employment	16.11	17.10	15.53	15.49	15.12
Nonfarm proprietors employment	13.56	13.24	11.91	11.44	11.44
<b>By industry</b>					
Farm employment	18.35	19.58	18.00	17.69	17.50
Nonfarm employment	81.65	80.42	82.00	82.31	82.50
Private nonfarm employment	59.63	58.19	61.84	62.41	63.08
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A
Construction	3.41	2.99	3.76	2.80	2.24
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	12.64	12.33	11.22	11.76	11.35
Transportation and warehousing	2.80	2.89	2.61	2.30	2.20
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	N/A	N/A	8.43	8.59	N/A
Educational services	N/A	N/A	N/A	0.46	0.49
Health care and social assistance	7.65	7.26	6.78	7.44	8.30
Arts, entertainment, and recreation	0.82	0.91	0.82	0.83	0.81
Accommodation and food services	19.78	19.53	18.28	18.38	19.16
Other services, except public administration	3.47	3.35	3.07	3.13	3.05
Government and government enterprises	22.02	22.22	20.16	19.90	19.43
Federal, civilian	1.33	1.22	1.10	1.06	0.94
Military	0.56	0.56	0.50	0.46	0.45
State and local	20.13	20.45	18.55	18.38	18.03
State government	4.89	4.87	4.54	4.41	4.17
Local government	15.24	15.58	14.02	13.97	13.86
<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 CA25N and author's calculation

<b>Table 9: New Mexico Percent of Employment by Industry 2011 - 2015</b>					
<b>Description</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	78.60	78.65	78.72	78.80	78.45
Proprietors employment	21.40	21.35	21.28	21.20	21.55
Farm proprietors employment	1.94	2.01	2.00	1.97	1.94
Nonfarm proprietors employment	19.46	19.34	19.28	19.23	19.61
<b>By industry</b>					
Farm employment	2.56	2.66	2.72	2.60	2.63
Nonfarm employment	97.44	97.34	97.28	97.40	97.37
Private nonfarm employment	77.36	77.50	77.69	78.06	78.34
Forestry, fishing, and related activities	0.49	0.48	0.49	0.53	0.54
Mining	2.66	3.21	3.42	3.53	3.28
Utilities	0.43	0.43	0.43	0.42	0.42
Construction	5.57	5.43	5.51	5.52	5.53
Manufacturing	3.36	3.35	3.30	3.14	3.11
Wholesale trade	2.49	2.48	2.48	2.54	2.61
Retail trade	10.47	10.48	10.49	10.54	10.56
Transportation and warehousing	2.28	2.38	2.37	2.39	2.41
Information	1.55	1.54	1.49	1.45	1.46
Finance and insurance	3.34	3.29	3.24	3.20	3.16
Real estate and rental and leasing	3.73	3.58	3.58	3.63	3.69
Professional, scientific, and technical services	7.28	7.13	7.06	7.03	7.08
Management of companies and enterprises	0.52	0.51	0.51	0.52	0.53
Administrative and waste management services	5.14	5.00	5.08	5.03	4.94
Educational services	1.53	1.51	1.52	1.54	1.60
Health care and social assistance	11.42	11.54	11.51	11.54	11.83
Arts, entertainment, and recreation	2.17	2.22	2.21	2.22	2.27
Accommodation and food services	7.73	7.80	7.95	8.17	8.27
Other services, except public administration	5.18	5.12	5.05	5.11	5.07
Government and government enterprises	20.07	19.85	19.60	19.34	19.03
Federal, civilian	3.06	2.96	2.82	2.72	2.66
Military	1.70	1.70	1.71	1.62	1.54
State and local	15.31	15.18	15.07	15.00	14.82
State government	5.47	5.39	5.37	5.43	5.38
Local government	9.84	9.79	9.70	9.57	9.45
<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 CA25N and author's calculations



<b>Table 10: United States Percent of Employment by Industry 2011 - 2015</b>					
<b>Description</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	77.78	78.02	77.86	77.79	77.62
Proprietors employment	22.22	21.98	22.14	22.21	22.38
Farm proprietors employment	1.06	1.03	1.02	0.99	0.96
Nonfarm proprietors employment	21.16	20.95	21.13	21.23	21.42
<b>By industry</b>					
Farm employment	1.50	1.46	1.45	1.42	1.39
Nonfarm employment	98.50	98.54	98.55	98.58	98.61
Private nonfarm employment	84.72	85.08	85.36	85.66	85.92
Forestry, fishing, and related activities	0.49	0.49	0.50	0.51	0.51
Mining	0.71	0.87	0.88	0.86	0.79
Utilities	0.33	0.32	0.32	0.31	0.31
Construction	4.98	4.99	5.07	5.15	5.23
Manufacturing	7.03	7.04	7.00	6.93	6.88
Wholesale trade	3.49	3.49	3.48	3.53	3.57
Retail trade	10.19	10.10	10.08	10.07	10.07
Transportation and warehousing	3.22	3.28	3.30	3.37	3.47
Information	1.83	1.80	1.79	1.79	1.78
Finance and insurance	5.53	5.42	5.38	5.17	5.07
Real estate and rental and leasing	4.50	4.39	4.42	4.52	4.59
Professional, scientific, and technical services	6.79	6.82	6.88	6.91	6.96
Management of companies and enterprises	1.18	1.22	1.24	1.27	1.28
Administrative and waste management services	6.10	6.16	6.23	6.30	6.32
Educational services	2.34	2.34	2.37	2.41	2.45
Health care and social assistance	11.02	11.23	11.25	11.19	11.20
Arts, entertainment, and recreation	2.20	2.22	2.22	2.25	2.26
Accommodation and food services	7.00	7.08	7.18	7.28	7.38
Other services, except public administration	5.80	5.82	5.77	5.85	5.80
Government and government enterprises	13.78	13.46	13.19	12.92	12.69
Federal, civilian	1.66	1.61	1.55	1.50	1.48
Military	1.18	1.15	1.11	1.06	1.03
State and local	10.94	10.71	10.52	10.36	10.19
State government	2.99	2.93	2.88	2.84	2.79
Local government	7.96	7.77	7.64	7.52	7.40
<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 CA25N and author's calculation