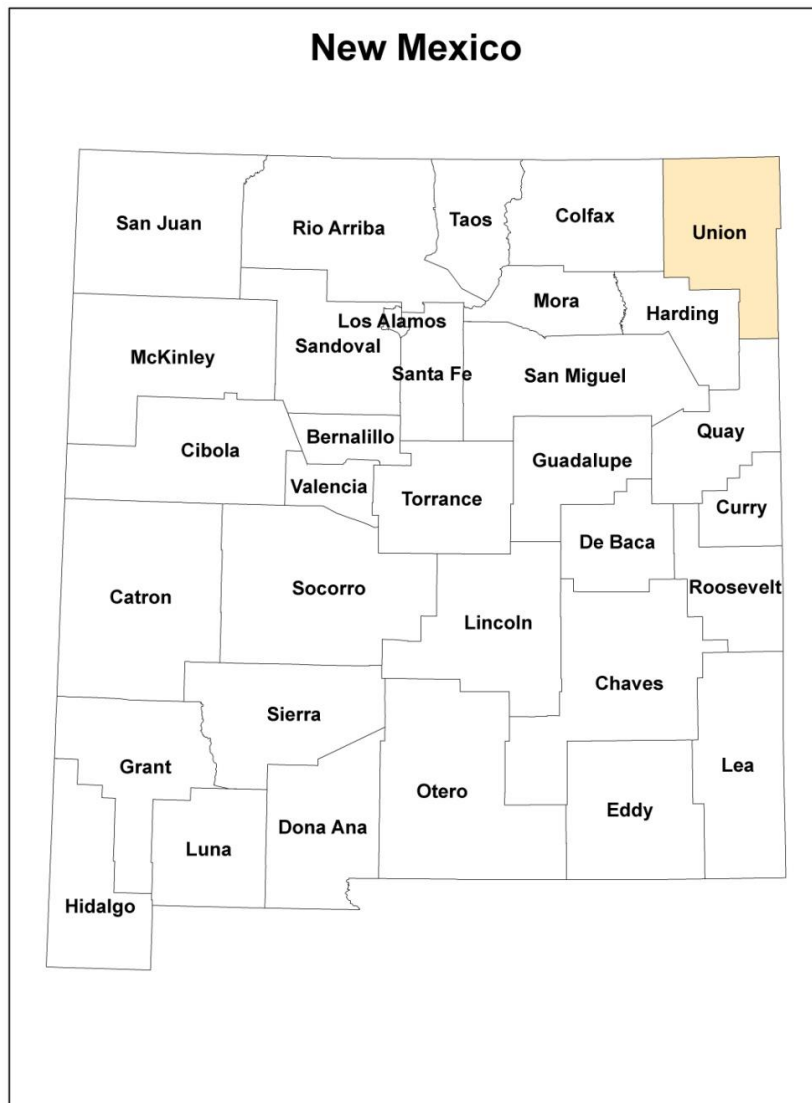




**The Economic Base of Union County, NM**

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

**DATE: July 2017**



## The Economic Base of Union 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, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

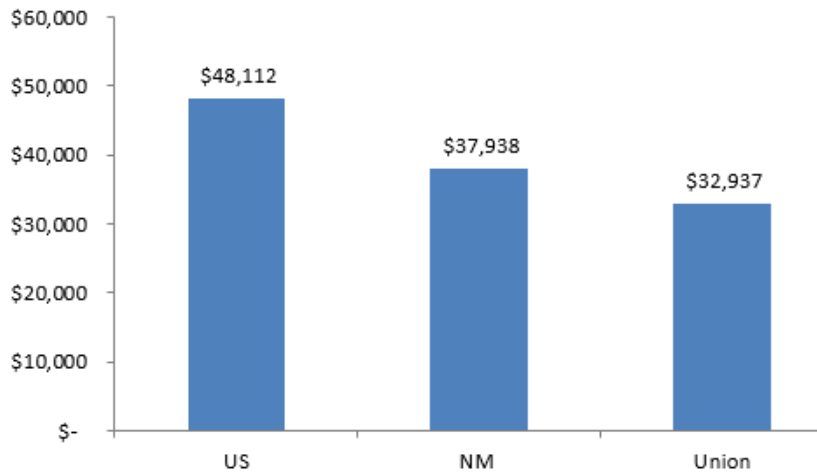
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, 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 Union County with the national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). In this report, basic industries are identified utilizing 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).

### **Union County, New Mexico**

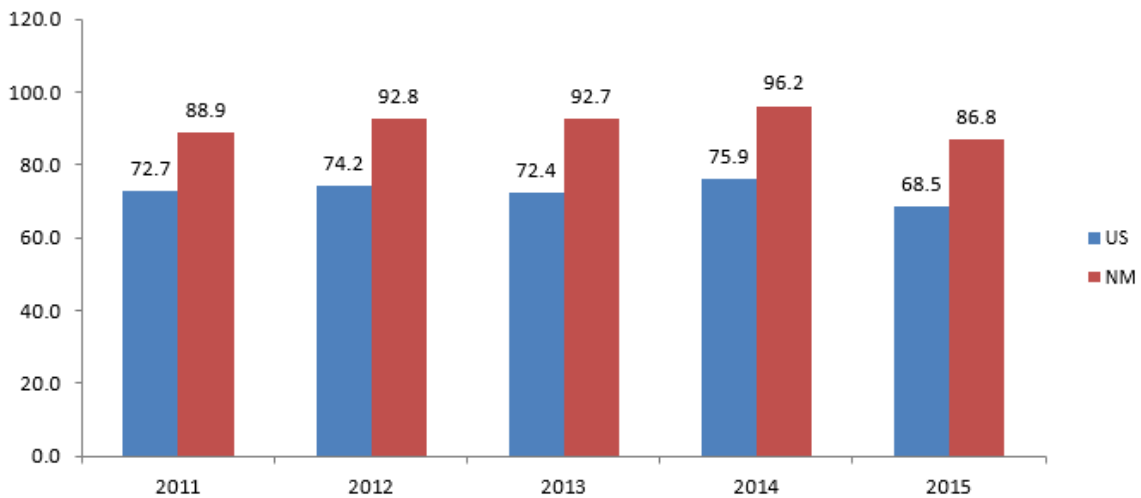
Union County is located in the northeast corner of New Mexico and contains 3,823.74 square miles, or 3.15 percent of the land area in New Mexico. The population of Union County in 2015 was 4,201 accounting for 0.20 percent of the state total and ranked 30<sup>th</sup> among New Mexico's counties. The Town of Clayton, with a population of 2,773 in 2015, contained 66 percent of Union County's population. Between 2011 and 2015, Union County's population decreased 5.21 percent, while New Mexico's population increased .33 percent, and the nation's increased 3.11 percent.

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



Union County's per capita personal income was \$ 32,937 and ranked 22<sup>nd</sup> in the state in 2015. Per capita income for Union County in 2015 was 86.8 percent of the corresponding state figure of \$37,938, and 68.5 percent of the national average \$48,112 (See Figure 2). Between 2011 and 2015, per capita income growth rate of Union County increased by 6.7 percent compared to the state and national growth of 9.24 percent and 13.33 percent respectively.

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



Total employment in Union County was 2,362 in 2015. Total employment in Union County increased 6.78 percent between 2011 and 2015, compared to the 2.88 percent employment growth experienced by the state and the 7.89 percent employment growth experienced by the nation. In 2015, the Union County employment to population ratio was 0.56 compared to New Mexico's employment to population ratio of 0.53 and the nation's ratio of 0.59.

Data on employment by industry for Union County is somewhat limited, unfortunately, as the BEA does not disclose certain data for industries with few competing businesses due to confidentiality requirements. Also, those industries with fewer than 10 total employees are not disclosed either. For both of these cases, however, industries data are included in annual countywide totals.

The Private sector employed 67.78 percent of all workers in Union County in 2015, while Farm employment accounted for 17.91 percent and Government and government enterprises accounted for 14.31 percent of the total. The industry with the highest percentage of total employment was Health care and social assistance with 9.4 percent of total employment. Local government was the largest employer in the public sector, at 9.86 percent of total employment, while Federal/civilian and State employment accounted for 1.78 percent, and 2.29 percent of the total, respectively. Military data was not available for this update. Union County employment by sector is displayed in Table 1.

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

Table 1 contains Location Quotients for Union County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Union County from 2011 to 2015 calculated with respect to the state of New Mexico. In this analysis, a basic industry is defined as an industry with an LQ greater than 1.0 with respect to the U.S. employment. Sectors with LQs greater than 1.0 have been shaded.

Agriculture is important to the economic base of Union County as indicated by the 12.89 LQ for Farm employment. The LQ for farm employment has exceeded 12.35 in years considered.

The Information sector is a basic industry with LQ of 1.22 in 2015 and LQ greater than 1.17 in most of the years considered. Data was not available for this sector in 2011. The accommodation and food services had LQs higher than 1 in two of the years considered. However, data was not available for 2014 and for 2015 it had an LQ of .99. It is not considered a basic category for this update.

The entry labeled government and government enterprises is not a separate industry, but merely the aggregate of the other government categories. The only government sectors with LQs higher than 1.0 in 2015 were Federal, civilian and Local government employment. The LQ for Federal, civilian employment was 1.20 in 2015 and higher than 1.20 in all years considered, reflecting the employment base of the USDA Rural Development Office, located in Clayton. Federal civilian employment is therefore considered a basic economic activity in Union County. Although the LQ for local government was 1.33 in 2015, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including

employment. Following this practice, local government for Torrance County will be considered as a non-basic industry.

The data for 2015 suggest that in Union County, the following industries are to be considered basic:

1. Farm employment accounted for 423 jobs.
2. Federal civilian employment accounted for 42 jobs.
3. Information accounted for 51 jobs

It is common in economic base studies to calculate what is known as an export-base multiplier. This multiplier is obtained by dividing total employment by basic sector employment. In the case of Union County, the multiplier is equal to 4.57 (2,362/ 516). This ratio suggests that the addition of each basic sector job in Union County would be associated with an additional 4.57 non-basic sector jobs. The export base multiplier (4.57) calculated above reinforces the importance of basic (exporting) industries to the Union County economy. 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.

### **Changes from Prior Year**

This document has been revised to reflect data figures obtained from the BEA for economic data and the U.S. Census for population data. From 2014 to 2015, the population of Union County decreased by 1.59 percent with a population of 4,269 in 2014 to 4,201 in 2015. Per capita income decreased 6.55 percent from 2014 to 2015 from \$35,246 to \$32,937. Total employment increased by .55 percent from 2014 to 2015, with a gain of 13 jobs in 2015.

**Tables 1 to 10 appear on pages 6-15**

**Table 1: Location Quotients for Union County (US Base) 2011-2015**

<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	0.84	0.82	0.87	0.85	0.85
Proprietors employment	1.56	1.64	1.44	1.51	1.51
Farm proprietors employment	12.57	13.37	12.61	13.04	13.37
Nonfarm proprietors employment	1.01	1.06	0.90	0.97	0.98
<b>By industry</b>					
Farm employment	12.44	12.90	12.46	12.35	12.89
Nonfarm employment	0.83	0.82	0.83	0.84	0.83
Private nonfarm employment	0.76	0.76	0.78	0.79	0.79
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	3.88	4.01	3.90	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	0.59	0.61
Retail trade	0.88	0.84	0.83	0.82	0.84
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	N/A	1.23	1.21	1.17	1.22
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	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	0.18	0.19
Health care and social assistance	N/A	1.03	0.81	0.84	0.84
Arts, entertainment, and recreation	0.41	0.62	0.58	N/A	0.51
Accommodation and food services	1.14	1.12	0.97	N/A	0.99
Other services, except public administration	0.83	0.91	0.80	0.87	0.83
Government and government enterprises	1.22	1.20	1.15	1.14	1.13
Federal, civilian	1.56	1.50	1.40	1.36	1.20
Military	0.42	0.40	0.38	N/A	N/A
State and local	1.26	1.24	1.19	1.19	1.19
State government	0.77	0.82	0.77	0.81	0.82
Local government	1.44	1.40	1.36	1.33	1.33
<b>Total employment</b>	1.00	1.00	1.00	1.00	1.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

**Table 2: Location Quotients for Union County (NM Base) 2011-2015**

<b>NM Based</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>By type</b>					
Wage and salary employment	0.83	0.81	0.87	0.84	0.84
Proprietors employment	1.62	1.69	1.50	1.58	1.57
Farm proprietors employment	6.88	6.86	6.41	6.55	6.60
Nonfarm proprietors employment	1.10	1.15	0.99	1.07	1.07
<b>By industry</b>					
Farm employment	7.26	7.11	6.65	6.75	6.82
Nonfarm employment	0.84	0.83	0.84	0.85	0.84
Private nonfarm employment	0.83	0.84	0.86	0.87	0.87
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	2.96	3.01	2.85	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	0.82	0.83
Retail trade	0.85	0.81	0.80	0.78	0.80
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	N/A	1.44	1.46	1.44	1.48
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	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	0.28	0.29
Health care and social assistance	N/A	1.00	0.80	0.81	0.79
Arts, entertainment, and recreation	0.42	0.62	0.58	N/A	0.50
Accommodation and food services	1.03	1.02	0.88	N/A	0.88
Other services, except public administration	0.93	1.03	0.91	0.99	0.95
Government and government enterprises	0.84	0.81	0.77	0.76	0.75
Federal, civilian	0.84	0.81	0.77	0.75	0.67
Military	0.29	0.27	0.25	N/A	N/A
State and local	0.90	0.88	0.83	0.82	0.82
State government	0.42	0.45	0.41	0.42	0.43
Local government	1.17	1.11	1.07	1.04	1.04
<b>Total employment</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
<i>Source: Bureau of Economic Analysis at <a href="http://www.bea.gov">www.bea.gov</a>, table CA25N and author's calculation</i>					



<b>Table 3: Union 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	1,562	66.13
Proprietors employment	800	33.87
Farm proprietors employment	303	12.83
Nonfarm proprietors employment	497	21.04
<b>By industry</b>		
Farm employment	423	17.91
Nonfarm employment	1,939	82.09
Private nonfarm employment	1,601	67.78
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	(D)	N/A
Construction	(D)	N/A
Manufacturing	(D)	N/A
Wholesale trade	51	2.16
Retail trade	199	8.43
Transportation and warehousing	(D)	N/A
Information	51	2.16
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)	N/A
Educational services	11	0.47
Health care and social assistance	222	9.40
Arts, entertainment, and recreation	27	1.14
Accommodation and food services	172	7.28
Other services, except public administration	114	4.83
Government and government enterprises	338	14.31
Federal, civilian	42	1.78
Military	(L)	N/A
State and local	287	12.15
State government	54	2.29
Local government	233	9.86
<b>Total employment</b>	<b>2,362</b>	<b>100.00</b>

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

**Table 4: Union County 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	1,443	1,384	1,598	1,562	1,562
Proprietors employment	769	780	748	787	800
Farm proprietors employment	296	298	301	303	303
Nonfarm proprietors employment 2/	473	482	447	484	497
<b>By industry</b>					
Farm employment	412	409	424	412	423
Nonfarm employment	1,800	1,755	1,922	1,937	1,939
Private nonfarm employment	1,427	1,405	1,566	1,591	1,601
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	28	28	29	(D)	(D)
Construction	(D)	(D)	(D)	(D)	(D)
Manufacturing	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	49	51
Retail trade	198	183	197	194	199
Transportation and warehousing	(D)	(D)	(D)	(D)	(D)
Information	(D)	48	51	49	51
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)	(D)	(D)	(D)
Educational services	(D)	(L)	(L)	10	11
Health care and social assistance	(D)	250	215	220	222
Arts, entertainment, and recreation	20	30	30	(D)	27
Accommodation and food services	176	172	164	(D)	172
Other services, except public administration	107	114	108	119	114
Government and government enterprises	373	350	356	346	338
Federal, civilian	57	52	51	48	42
Military	11	10	10	(L)	(L)
State and local	305	288	295	289	287
State government	51	52	52	54	54
Local government	254	236	243	235	233
<b>Total employment</b>	<b>2,212</b>	<b>2,164</b>	<b>2,346</b>	<b>2,349</b>	<b>2,362</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**

Number of jobs by industry	2011	2012	2013	2014	2015
<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	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

**Table 6: United States 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	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	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

<b>Table 7: Union County, New Mexico and United States Percent of Employment by Industry 2015</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>Union County</b>
<b>By type</b>			
Wage and salary employment	77.62	78.45	66.13
Proprietors employment	22.38	21.55	33.87
Farm proprietors employment	0.96	1.94	12.83
Nonfarm proprietors employment	21.42	19.61	21.04
<b>By industry</b>			
Farm employment	1.39	2.63	17.91
Nonfarm employment	98.61	97.37	82.09
Private nonfarm employment	85.92	78.34	67.78
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	N/A
Manufacturing	6.88	3.11	N/A
Wholesale trade	3.57	2.61	2.16
Retail trade	10.07	10.56	8.43
Transportation and warehousing	3.47	2.41	N/A
Information	1.78	1.46	2.16
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	0.47
Health care and social assistance	11.20	11.83	9.40
Arts, entertainment, and recreation	2.26	2.27	1.14
Accommodation and food services	7.38	8.27	7.28
Other services, except public administration	5.80	5.07	4.83
Government and government enterprises	12.69	19.03	14.31
Federal, civilian	1.48	2.66	1.78
Military	1.03	1.54	N/A
State and local	10.19	14.82	12.15
State government	2.79	5.38	2.29
Local government	7.40	9.45	9.86
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<i>Source: Bureau of Economic Analysis at <a href="http://www.bea.gov">www.bea.gov</a>, table CA25N and author's calculation</i>			

**Table 8: Union County Percent of Employment by Sectors 2011-2015**

Description	2011	2012	2013	2014	2015
<b>By type</b>					
Wage and salary employment	65.24	63.96	68.12	66.50	66.13
Proprietors employment	34.76	36.04	31.88	33.50	33.87
Farm proprietors employment	13.38	13.77	12.83	12.90	12.83
Nonfarm proprietors employment	21.38	22.27	19.05	20.60	21.04
<b>By industry</b>					
Farm employment	18.63	18.90	18.07	17.54	17.91
Nonfarm employment	81.37	81.10	81.93	82.46	82.09
Private nonfarm employment	64.51	64.93	66.75	67.73	67.78
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	1.27	1.29	1.24	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	2.09	2.16
Retail trade	8.95	8.46	8.40	8.26	8.43
Transportation and warehousing	N/A	N/A	N/A	N/A	N/A
Information	N/A	2.22	2.17	2.09	2.16
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	N/A	N/A	N/A
Educational services	N/A	N/A	N/A	0.43	0.47
Health care and social assistance	N/A	11.55	9.16	9.37	9.40
Arts, entertainment, and recreation	0.90	1.39	1.28	N/A	1.14
Accommodation and food services	7.96	7.95	6.99	N/A	7.28
Other services, except public administration	4.84	5.27	4.60	5.07	4.83
Government and government enterprises	16.86	16.17	15.17	14.73	14.31
Federal, civilian	2.58	2.40	2.17	2.04	1.78
Military	0.50	0.46	0.43	N/A	N/A
State and local	13.79	13.31	12.57	12.30	12.15
State government	2.31	2.40	2.22	2.30	2.29
Local government	11.48	10.91	10.36	10.00	9.86
<b>Total employment</b>	100.00	100.00	100.00	100.00	100.00

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

**Table 9: New Mexico Percent of Employment by Industry 2011-2015**

Description	2011	2012	2013	2014	2015
<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

**Table 10: United States Percent of Employment by Industry 2011-2015**

Description	2011	2012	2013	2014	2015
<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