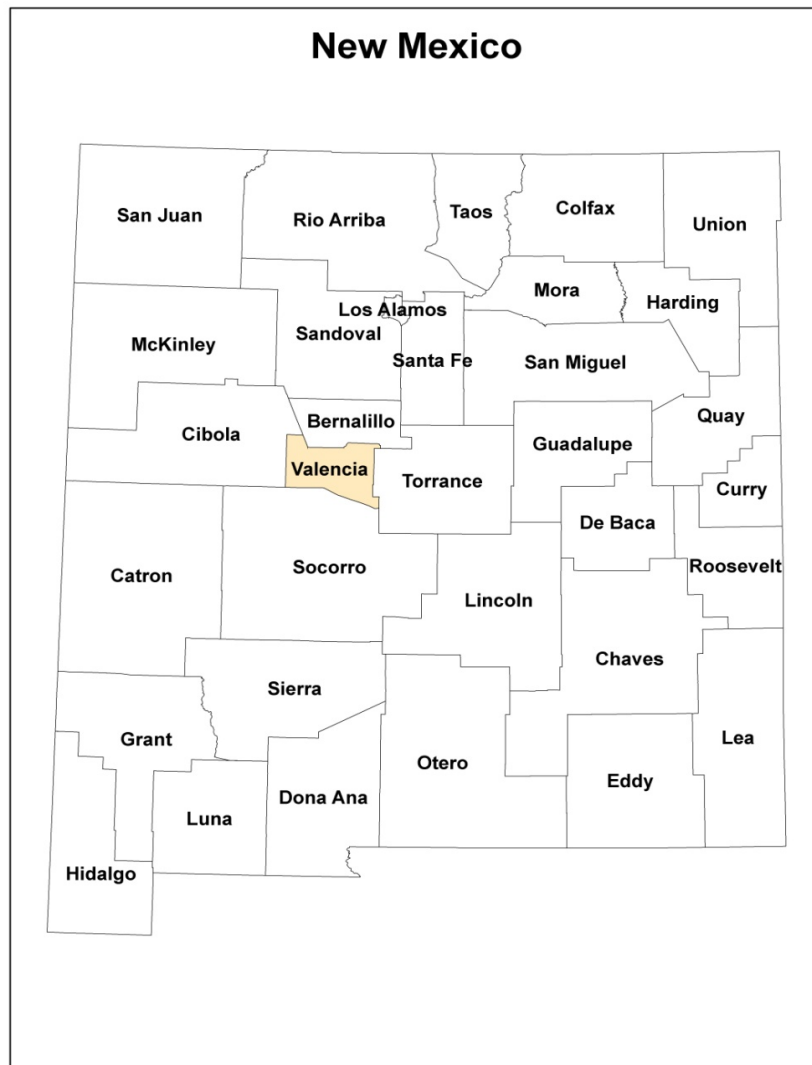




The Economic Base of Valencia County, NM

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New Mexico State University

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## The Economic Base of Valencia 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. Theophilus Djaba and Erin Sumner, graduate students in the NMSU Doctorate of Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to [jpeach@nmsu.edu](mailto:jpeach@nmsu.edu). Our intent is to update these reports on an annual basis.

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

The specific purposes of economic base studies include:

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

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

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent

of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

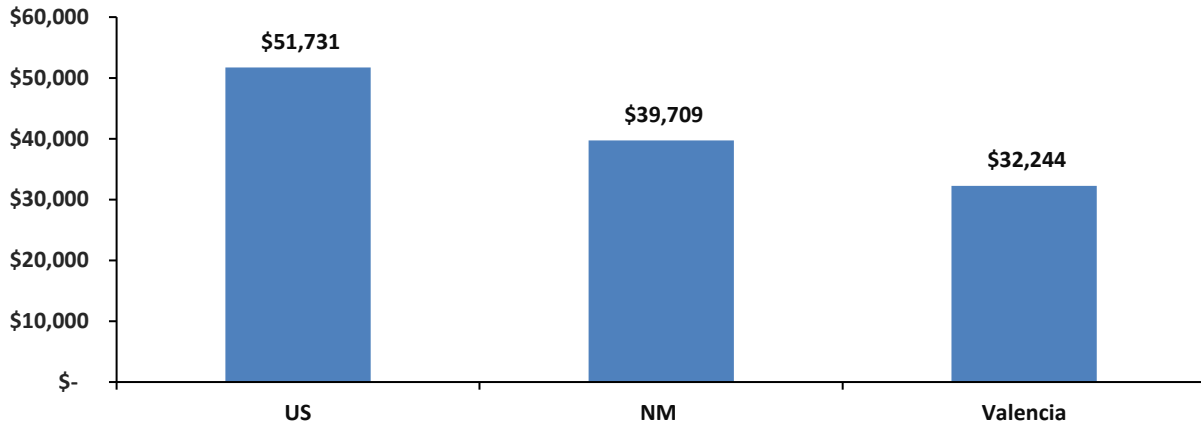
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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 Valencia County with the national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and for the four preceding years (2013-2017). 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).

### **Valencia County, New Mexico**

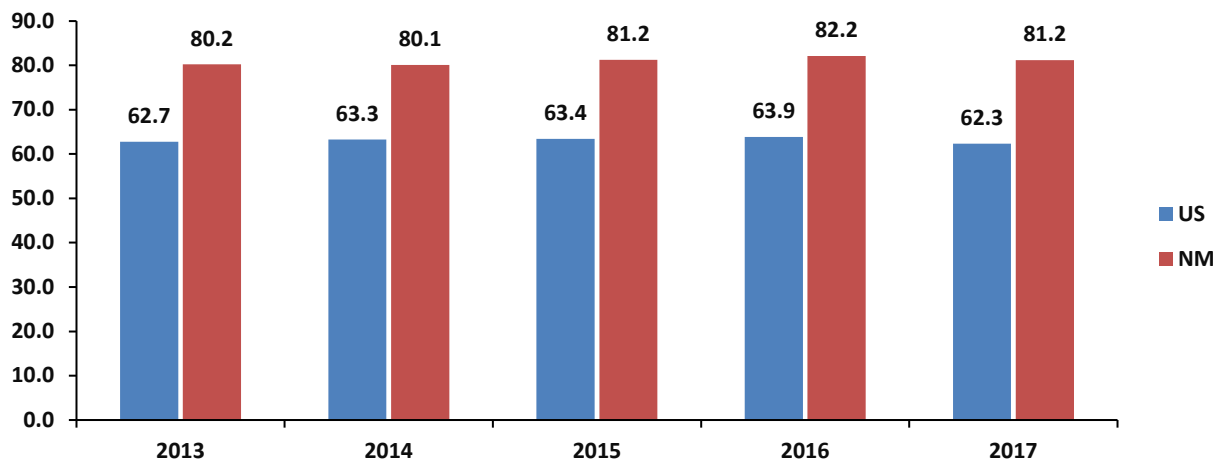
Valencia County is located in central New Mexico and contains 1,066 square miles, or 0.88 percent of the land area in New Mexico. Valencia County's population in 2017 was 75,940 (3.63 percent of the state total) and ranked 6<sup>th</sup> among New Mexico's counties in terms of population. The City of Los Lunas, with a population of 15,501 in 2017, contained 20.4 percent of Valencia County's population. Between 2013 and 2017, Valencia County's population decreased 0.49 percent, while New Mexico's population increased 0.03 percent and the nation's population increased 2.88 percent.

**Figure 1. Per Capita Personal Income: Valencia County (2017)**



Valencia County’s per capita personal income was \$32,244 and ranked 28<sup>th</sup> in the state in 2017 (See Figure 1). Valencia County’s 2017 per capita income was 81.20 percent of the corresponding state \$39,709, and 62.33 percent of the national average \$51,731 (See Figure 2). Valencia County’s per capita income growth rate of 14.57 percent from 2013 to 2017 is greater than New Mexico’s per capita income growth of 13.21 but less than the nation’s per capita income growth rate of 15.34.

**Figure 2. Per Capita Personal Income of Valencia County as a Percent of U.S. and New Mexico 2013-2017**



Total employment in Valencia County was 22,506 in 2017. Total employment in Valencia County increased by 6.72 percent between 2013 and 2017 compared to the increase experienced statewide (2.08 percent) and nationwide (7.57 percent). The Valencia County employment to population ratio in

2017 was 0.30. New Mexico's 2017 employment to population ratio was 0.52 and the nation's ratio was 0.60. The relatively low employment to population ratio in Valencia County probably reflects a large number of workers who commute to the City of Albuquerque.

The private sector employed 74.27 percent of all workers in Valencia County in 2017, while Government and government enterprises accounted for 18.36 percent, and Farm employment accounted for 7.37 percent of the total. The industries with the highest percentages of total employment included: Retail trade (12.59), and Transportation and warehousing (6.87), Construction (8.70), Accommodation and food services (6.85), and Health care and social assistance (10.24). State and Local government were the largest employers in the public sector, at 5.46 percent and 11.61 percent of total employment, respectively. Federal/civilian and Military employment accounted for 0.43 percent and 0.86 percent of the total. Valencia County employment by sector is displayed in Table 3.

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

Table 1 contains LQs for Valencia County from 2013 to 2017, calculated using data for the United States as basis for comparison. Table 2 contains LQs for Valencia County from 2013 to 2017 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 LQs greater than 1.0 have been shaded.

Agriculture, including Farm employment, should be considered a basic economic activity in Valencia County. The LQ for farm employment was 5.50 in 2017, and has been greater than 5.00 in all years considered. Though the Health care and social assistance industry had an LQ of less than 1 in all the years considered, the Los Lunas Hospital and Training School still remains a large employment base for the county.

Transportation and warehousing can also be considered a basic industry in Valencia County. This sector had a LQ of 1.76 in 2017, and LQs exceeding 1.70 in all years considered. Furthermore, other sectors with LQs above 1.0 in 2017 included Construction (1.60) and Retail trade (1.28) nevertheless, these industries in Valencia County are probably best viewed as non-basic or support activities.

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 greater than 1.0 in 2017 were State and Local government. State government had a LQ of 1.99 in 2017, reflecting the large employment base of the Central New Mexico Correctional Facility (CNMCF). Located in Los Lunas, CNMCF is one of the largest local employers; therefore, state government is considered a basic

economic activity in Valencia County. Local government employment had a LQ of 1.60 in 2017, but is best considered a non-basic economic sector.

The data for 2017 suggest that in Valencia County, the following industries are to be considered basic:

1. Agriculture and related industries, including Farm employment, accounted for 1,659 jobs.
2. Transportation and warehousing, accounted for 1,546 jobs.
3. State government employment, accounted for 1,228 jobs.

It is common in economic base studies to calculate an export-base multiplier. This employment multiplier is obtained by dividing total employment by total employment in the basic sectors. In Valencia County, the multiplier is equal to 5.08 (22,506/4,433). This ratio suggests that any additional basic sector job in Valencia County would be associated with an additional 5.08 non-basic sector jobs. Further, since farm proprietors have been included in the basic sector, it should be pointed out that farm proprietors often have more than one occupation and this fact may bias the 'multiplier' upward. The export base multiplier (5.08) calculated above reinforces the importance of basic (exporting) industries to the Valencia 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 appropriate mix of such policies is often a result of 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. The population of Valencia County increased by 0.40 percent between 2016 and 2017 from 75,639 in 2016 to 75,940 in 2017. Per capita income increased 1.17 percent from 2016 to 2017 from \$31,871 to \$32,244. Total employment increased by 2.68 percent from 2016 to 2017, with a gain of 587 jobs. Basic industries remained unchanged.

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

<b>Table 1: Location Quotients for Valencia County (US Base) 2013-2017</b>					
<b>US Base</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	0.88	0.89	0.90	0.90	0.90
Proprietors employment	1.42	1.39	1.35	1.35	1.33
Farm proprietors employment	6.83	6.94	6.96	6.96	6.95
Nonfarm proprietors employment	1.16	1.14	1.10	1.10	1.09
<b>By industry</b>					
Farm employment	5.54	5.50	5.54	5.62	5.50
Nonfarm employment	0.93	0.94	0.94	0.94	0.94
Private nonfarm employment	0.84	0.84	0.84	0.85	0.86
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.51	N/A	0.56	0.55	0.55
Utilities	0.96	0.92	0.88	0.96	1.09
Construction	1.36	1.31	1.33	1.33	1.60
Manufacturing	0.48	0.48	0.53	0.58	0.66
Wholesale trade	0.44	0.50	0.50	0.37	0.30
Retail trade	1.30	1.31	1.31	1.30	1.28
Transportation and warehousing	2.01	2.00	1.95	1.86	1.76
Information	0.43	0.38	0.35	0.31	0.34
Finance and insurance	0.58	0.59	0.53	0.57	0.56
Real estate and rental and leasing	0.73	0.76	0.77	0.75	0.72
Professional, scientific, and technical services	0.48	0.46	0.47	0.44	0.47
Management of companies and enterprises	0.52	0.39	0.36	0.47	0.43
Administrative and waste management services	0.45	0.43	0.42	0.51	0.50
Educational services	N/A	0.40	0.44	0.49	0.51
Health care and social assistance	N/A	0.86	0.90	0.93	0.90
Arts, entertainment, and recreation	0.72	0.74	N/A	N/A	N/A
Accommodation and food services	0.94	0.96	0.95	0.93	0.91
Other services, except public administration	1.03	1.03	0.99	1.03	1.02
Government and government enterprises	1.55	1.57	1.56	1.51	1.48
Federal, civilian	0.32	0.33	0.30	0.30	0.30
Military	0.88	0.85	0.87	0.88	0.87
State and local	1.80	1.82	1.82	1.75	1.71
State government	2.26	2.32	2.27	2.05	1.99
Local government	1.62	1.63	1.64	1.64	1.60
<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 2: Location Quotients for Valencia County (NM Base) 2013-2017</b>					
<b>NM Based</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	0.87	0.88	0.89	0.88	0.89
Proprietors employment	1.48	1.46	1.43	1.43	1.40
Farm proprietors employment	3.47	3.47	3.42	3.37	3.30
Nonfarm proprietors employment	1.27	1.25	1.22	1.24	1.21
<b>By industry</b>					
Farm employment	2.96	2.99	2.92	2.83	2.83
Nonfarm employment	0.95	0.95	0.95	0.95	0.95
Private nonfarm employment	0.92	0.92	0.93	0.94	0.94
Forestry, fishing, and related activities	N/	N/A	N/A	N/A	N/A
Mining	0.13	N/A	0.14	0.14	0.14
Utilities	0.70	0.68	0.65	0.69	0.79
Construction	1.26	1.23	1.26	1.29	1.52
Manufacturing	1.02	1.05	1.16	1.30	1.47
Wholesale trade	0.62	0.68	0.69	0.53	0.44
Retail trade	1.25	1.25	1.25	1.24	1.24
Transportation and warehousing	2.79	2.82	2.85	2.92	2.79
Information	0.52	0.47	0.43	0.37	0.42
Finance and insurance	0.97	0.95	0.87	0.91	0.89
Real estate and rental and leasing	0.90	0.95	0.97	0.94	0.91
Professional, scientific, and technical services	0.47	0.45	0.46	0.43	0.45
Management of companies and enterprises	1.25	0.95	0.84	1.09	0.99
Administrative and waste management services	0.55	0.54	0.54	0.64	0.61
Educational services	N/A	0.63	0.68	0.76	0.78
Health care and social assistance	N/A	0.84	0.85	0.85	0.83
Arts, entertainment, and recreation	0.72	0.75	N/A	N/A	N/A
Accommodation and food services	0.85	0.86	0.84	0.82	0.81
Other services, except public administration	1.18	1.18	1.14	1.16	1.15
Government and government enterprises	1.04	1.05	1.04	0.99	0.98
Federal, civilian	0.18	0.18	0.17	0.16	0.16
Military	0.58	0.56	0.58	0.56	0.54
State and local	1.25	1.26	1.24	1.19	1.17
State government	1.22	1.23	1.18	1.05	1.04
Local government	1.27	1.28	1.28	1.27	1.25
<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: Valencia County Total Employment by Industry 2017</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	15,745	69.96
Proprietors employment	6,761	30.04
Farm proprietors employment	1,445	6.42
Nonfarm proprietors employment	5,316	23.62
<b>By industry</b>		
Farm employment	1,659	7.37
Nonfarm employment	20,847	92.63
Private nonfarm employment	16,716	74.27
Forestry, fishing, and related activities	(D)	N/A
Mining	96	0.43
Utilities	83	0.37
Construction	1,958	8.70
Manufacturing	1,004	4.46
Wholesale trade	224	1.00
Retail trade	2,834	12.59
Transportation and warehousing	1,546	6.87
Information	133	0.59
Finance and insurance	672	2.99
Real estate and rental and leasing	756	3.36
Professional, scientific, and technical services	738	3.28
Management of companies and enterprises	131	0.58
Administrative and waste management services	692	3.07
Educational services	272	1.21
Health care and social assistance	2,304	10.24
Arts, entertainment, and recreation	(D)	N/A
Accommodation and food services	1,541	6.85
Other services, except public administration	1,306	5.80
Government and government enterprises	4,131	18.36
Federal, civilian	97	0.43
Military	193	0.86
State and local	3,841	17.07
State government	1,228	5.46
Local government	2,613	11.61
<b>Total employment</b>	<b>22,506</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 4: Valencia County Employment by Industry 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	14439	14672	15066	15269	15745
Proprietors employment	6650	6615	6541	6650	6761
Farm proprietors employment	1467	1462	1447	1439	1445
Nonfarm proprietors employment 2/	5183	5153	5094	5211	5316
<b>By industry</b>					
Farm employment	1694	1662	1667	1685	1659
Nonfarm employment	19395	19625	19940	20234	20847
Private nonfarm employment	15093	15306	15655	16073	16716
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	95	(D)	99	90	96
Utilities	64	61	60	68	83
Construction	1458	1437	1485	1558	1958
Manufacturing	712	702	786	866	1004
Wholesale trade	325	384	388	270	224
Retail trade	2768	2799	2839	2823	2834
Transportation and warehousing	1397	1433	1536	1564	1546
Information	163	146	133	119	133
Finance and insurance	664	650	593	655	672
Real estate and rental and leasing	678	730	758	755	756
Professional, scientific, and technical services	702	672	707	678	738
Management of companies and enterprises	135	105	98	138	131
Administrative and waste management services	586	574	567	690	692
Educational services	(D)	208	228	258	272
Health care and social assistance	(D)	2052	2185	2293	2304
Arts, entertainment, and recreation	336	356	(D)	(D)	(D)
Accommodation and food services	1424	1493	1504	1526	1541
Other services, except public administration	1253	1278	1261	1289	1306
Government and government enterprises	4302	4319	4285	4161	4131
Federal, civilian	106	104	97	96	97
Military	207	192	194	193	193
State and local	3989	4023	3994	3872	3841
State government	1387	1416	1378	1241	1228
Local government	2602	2607	2616	2631	2613
<b>Total employment</b>	<b>21089</b>	<b>21287</b>	<b>21607</b>	<b>21919</b>	<b>22506</b>

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

<b>Table 5: New Mexico Employment by Industry 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	846495	852348	860023	861222	862272
Proprietors employment	228970	231044	231850	231184	235600
Farm proprietors employment	21547	21473	21405	21291	21372
Nonfarm proprietors employment	207423	209571	210445	209893	214228
<b>By industry</b>					
Farm employment	29208	28262	28866	29641	28633
Nonfarm employment	1046257	1055130	1063007	1062765	1069239
Private nonfarm employment	835402	845778	854438	854243	862954
Forestry, fishing, and related activities	5235	5675	5540	5819	5658
Mining	36857	38222	36655	31808	33725
Utilities	4652	4591	4684	4900	5099
Construction	59142	59584	59709	60012	62633
Manufacturing	35463	34022	34158	33188	33239
Wholesale trade	26688	28856	28502	25379	24946
Retail trade	112726	113923	114888	113636	111443
Transportation and warehousing	25502	25903	27243	26672	27060
Information	16059	15725	15588	16001	15339
Finance and insurance	35010	34783	34461	35684	36737
Real estate and rental and leasing	38414	39111	39660	39866	40634
Professional, scientific, and technical services	75919	76116	77542	77751	79601
Management of companies and enterprises	5502	5631	5877	6337	6449
Administrative and waste management services	54597	54370	52998	53887	55307
Educational services	16426	16736	16965	17026	17020
Health care and social assistance	123737	124796	129720	134269	134712
Arts, entertainment, and recreation	23734	24225	24245	24151	24831
Accommodation and food services	85494	88296	90192	92521	93037
Other services, except public administration	54245	55213	55811	55336	55484
Government and government enterprises	210855	209352	208569	208522	206285
Federal, civilian	30400	29452	29188	29385	29288
Military	18350	17518	16923	17159	17348
State and local	162105	162382	162458	161978	159649
State government	57772	58752	58962	58703	57617
Local government	104333	103630	103496	103275	102032
<b>Total employment</b>	<b>1075465</b>	<b>1083392</b>	<b>1091873</b>	<b>1092406</b>	<b>1097872</b>

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

<b>Table 6: United States Employment by Industry 2013-2017</b>					
<b>Number of jobs by industry</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	141,932,000.00	144,722,000.00	147,635,000.00	149,904,000.00	151,825,000.00
Proprietors employment	40,393,100.00	41,513,800.00	42,682,800.00	43,464,900.00	44,307,200.00
Farm proprietors employment	1,856,000.00	1,842,000.00	1,832,000.00	1,823,000.00	1,812,000.00
Nonfarm proprietors employment	38,537,100.00	39,671,800.00	40,850,800.00	41,641,900.00	42,495,200.00
<b>By industry</b>					
Farm employment	2,645,000.00	2,645,000.00	2,649,000.00	2,643,000.00	2,631,000.00
Nonfarm employment	179,680,100.00	183,590,800.00	187,668,800.00	190,725,900.00	193,501,200.00
Private nonfarm employment	155,625,100.00	159,536,800.00	163,523,800.00	166,427,900.00	169,096,200.00
Forestry, fishing, and related activities	909,100.00	941,000.00	915,900.00	935,200.00	926,400.00
Mining	1,607,000.00	1,597,500.00	1,553,300.00	1,452,200.00	1,511,100.00
Utilities	578,300.00	580,600.00	597,400.00	622,000.00	663,500.00
Construction	9,237,800.00	9,564,300.00	9,844,900.00	10,322,100.00	10,634,600.00
Manufacturing	12,761,200.00	12,908,600.00	13,076,600.00	13,131,900.00	13,304,800.00
Wholesale trade	6,343,100.00	6,720,600.00	6,819,100.00	6,464,400.00	6,478,900.00
Retail trade	18,369,100.00	18,713,100.00	19,095,300.00	19,199,500.00	19,222,200.00
Transportation and warehousing	6,012,800.00	6,282,400.00	6,929,700.00	7,413,200.00	7,663,800.00
Information	3,264,600.00	3,327,000.00	3,316,400.00	3,384,900.00	3,384,400.00
Finance and insurance	9,815,300.00	9,621,000.00	9,844,600.00	10,187,400.00	10,510,200.00
Real estate and rental and leasing	8,056,800.00	8,405,800.00	8,668,300.00	8,868,200.00	9,105,900.00
Professional, scientific, and technical services	12,544,300.00	12,864,700.00	13,333,200.00	13,496,900.00	13,721,000.00
Management of companies and enterprises	2,265,000.00	2,360,300.00	2,425,500.00	2,603,800.00	2,667,400.00
Administrative and waste management services	11,366,900.00	11,719,200.00	11,770,600.00	12,033,600.00	12,088,500.00
Educational services	4,339,100.00	4,498,100.00	4,610,900.00	4,641,800.00	4,691,200.00
Health care and social assistance	20,499,200.00	20,798,400.00	21,351,100.00	21,817,100.00	22,201,200.00
Arts, entertainment, and recreation	4,043,800.00	4,223,300.00	4,220,100.00	4,363,100.00	4,455,500.00
Accommodation and food services	13,099,200.00	13,548,900.00	13,977,700.00	14,399,000.00	14,697,400.00
Other services, except public administration	10,512,500.00	10,862,000.00	11,173,200.00	11,091,600.00	11,168,200.00
Government and government enterprises	24,055,000.00	24,054,000.00	24,145,000.00	24,298,000.00	24,405,000.00
Federal, civilian	2,826,000.00	2,792,000.00	2,810,000.00	2,847,000.00	2,857,000.00
Military	2,032,000.00	1,975,000.00	1,956,000.00	1,927,000.00	1,929,000.00
State and local	19,197,000.00	19,287,000.00	19,379,000.00	19,524,000.00	19,619,000.00
State government	5,306,000.00	5,330,000.00	5,349,000.00	5,351,000.00	5,365,000.00
Local government	13,891,000.00	13,957,000.00	14,030,000.00	14,173,000.00	14,254,000.00
<b>Total employment</b>	<b>182,325,100.00</b>	<b>186,235,800.00</b>	<b>190,317,800.00</b>	<b>193,368,900.00</b>	<b>196,132,200.00</b>

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

<b>Table 7: Valencia County, New Mexico and United States Percent of Employment by Industry 2017</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>Valencia County</b>
<b>By type</b>			
Wage and salary employment	77.41	78.54	69.96
Proprietors employment	22.59	21.46	30.04
Farm proprietors employment	0.92	1.95	6.42
Nonfarm proprietors employment	21.67	19.51	23.62
<b>By industry</b>			
Farm employment	1.34	2.61	7.37
Nonfarm employment	98.66	97.39	92.63
Private nonfarm employment	86.22	78.60	74.27
Forestry, fishing, and related activities	0.47	0.52	N/A
Mining	0.77	3.07	0.43
Utilities	0.34	0.46	0.37
Construction	5.42	5.70	8.70
Manufacturing	6.78	3.03	4.46
Wholesale trade	3.30	2.27	1.00
Retail trade	9.80	10.15	12.59
Transportation and warehousing	3.91	2.46	6.87
Information	1.73	1.40	0.59
Finance and insurance	5.36	3.35	2.99
Real estate and rental and leasing	4.64	3.70	3.36
Professional, scientific, and technical services	7.00	7.25	3.28
Management of companies and enterprises	1.36	0.59	0.58
Administrative and waste management services	6.16	5.04	3.07
Educational services	2.39	1.55	1.21
Health care and social assistance	11.32	12.27	10.24
Arts, entertainment, and recreation	2.27	2.26	N/A
Accommodation and food services	7.49	8.47	6.85
Other services, except public administration	5.69	5.05	5.80
Government and government enterprises	12.44	18.79	18.36
Federal, civilian	1.46	2.67	0.43
Military	0.98	1.58	0.86
State and local	10.00	14.54	17.07
State government	2.74	5.25	5.46
Local government	7.27	9.29	11.61
<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: Valencia County Percent of Employment by Sectors 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	68.47	68.92	69.73	69.66	69.96
Proprietors employment	31.53	31.08	30.27	30.34	30.04
Farm proprietors employment	6.96	6.87	6.70	6.57	6.42
Nonfarm proprietors employment	24.58	24.21	23.58	23.77	23.62
<b>By industry</b>					
Farm employment	8.03	7.81	7.72	7.69	7.37
Nonfarm employment	91.97	92.19	92.28	92.31	92.63
Private nonfarm employment	71.57	71.90	72.45	73.33	74.27
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.45	N/A	0.46	0.41	0.43
Utilities	0.30	0.29	0.28	0.31	0.37
Construction	6.91	6.75	6.87	7.11	8.70
Manufacturing	3.38	3.30	3.64	3.95	4.46
Wholesale trade	1.54	1.80	1.80	1.23	1.00
Retail trade	13.13	13.15	13.14	12.88	12.59
Transportation and warehousing	6.62	6.73	7.11	7.14	6.87
Information	0.77	0.69	0.62	0.54	0.59
Finance and insurance	3.15	3.05	2.74	2.99	2.99
Real estate and rental and leasing	3.21	3.43	3.51	3.44	3.36
Professional, scientific, and technical services	3.33	3.16	3.27	3.09	3.28
Management of companies and enterprises	0.64	0.49	0.45	0.63	0.58
Administrative and waste management services	2.78	2.70	2.62	3.15	3.07
Educational services	N/A	0.98	1.06	1.18	1.21
Health care and social assistance	N/A	9.64	10.11	10.46	10.24
Arts, entertainment, and recreation	1.59	1.67	N/A	N/A	N/A
Accommodation and food services	6.75	7.01	6.96	6.96	6.85
Other services, except public administration	5.94	6.00	5.84	5.88	5.80
Government and government enterprises	20.40	20.29	19.83	18.98	18.36
Federal, civilian	0.50	0.49	0.45	0.44	0.43
Military	0.98	0.90	0.90	0.88	0.86
State and local	18.92	18.90	18.48	17.67	17.07
State government	6.58	6.65	6.38	5.66	5.46
Local government	12.34	12.25	12.11	12.00	11.61
<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 2013-2017</b>					
<b>Description</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>By type</b>					
Wage and salary employment	78.71	78.67	78.77	78.84	78.54
Proprietors employment	21.29	21.33	21.23	21.16	21.46
Farm proprietors employment	2.00	1.98	1.96	1.95	1.95
Nonfarm proprietors employment	19.29	19.34	19.27	19.21	19.51
<b>By industry</b>					
Farm employment	2.72	2.61	2.64	2.71	2.61
Nonfarm employment	97.28	97.39	97.36	97.29	97.39
Private nonfarm employment	77.68	78.07	78.25	78.20	78.60
Forestry, fishing, and related activities	0.49	0.52	0.51	0.53	0.52
Mining	3.43	3.53	3.36	2.91	3.07
Utilities	0.43	0.42	0.43	0.45	0.46
Construction	5.50	5.50	5.47	5.49	5.70
Manufacturing	3.30	3.14	3.13	3.04	3.03
Wholesale trade	2.48	2.66	2.61	2.32	2.27
Retail trade	10.48	10.52	10.52	10.40	10.15
Transportation and warehousing	2.37	2.39	2.50	2.44	2.46
Information	1.49	1.45	1.43	1.46	1.40
Finance and insurance	3.26	3.21	3.16	3.27	3.35
Real estate and rental and leasing	3.57	3.61	3.63	3.65	3.70
Professional, scientific, and technical services	7.06	7.03	7.10	7.12	7.25
Management of companies and enterprises	0.51	0.52	0.54	0.58	0.59
Administrative and waste management services	5.08	5.02	4.85	4.93	5.04
Educational services	1.53	1.54	1.55	1.56	1.55
Health care and social assistance	11.51	11.52	11.88	12.29	12.27
Arts, entertainment, and recreation	2.21	2.24	2.22	2.21	2.26
Accommodation and food services	7.95	8.15	8.26	8.47	8.47
Other services, except public administration	5.04	5.10	5.11	5.07	5.05
Government and government enterprises	19.61	19.32	19.10	19.09	18.79
Federal, civilian	2.83	2.72	2.67	2.69	2.67
Military	1.71	1.62	1.55	1.57	1.58
State and local	15.07	14.99	14.88	14.83	14.54
State government	5.37	5.42	5.40	5.37	5.25
Local government	9.70	9.57	9.48	9.45	9.29
<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 2013-2017</b>					
<b>Description</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>By type</b>					
Wage and salary employment	77.85	77.71	77.57	77.52	77.41
Proprietors employment	22.15	22.29	22.43	22.48	22.59
Farm proprietors employment	1.02	0.99	0.96	0.94	0.92
Nonfarm proprietors employment	21.14	21.30	21.46	21.53	21.67
<b>By industry</b>					
Farm employment	1.45	1.42	1.39	1.37	1.34
Nonfarm employment	98.55	98.58	98.61	98.63	98.66
Private nonfarm employment	85.36	85.66	85.92	86.07	86.22
Forestry, fishing, and related activities	0.50	0.51	0.48	0.48	0.47
Mining	0.88	0.86	0.82	0.75	0.77
Utilities	0.32	0.31	0.31	0.32	0.34
Construction	5.07	5.14	5.17	5.34	5.42
Manufacturing	7.00	6.93	6.87	6.79	6.78
Wholesale trade	3.48	3.61	3.58	3.34	3.30
Retail trade	10.07	10.05	10.03	9.93	9.80
Transportation and warehousing	3.30	3.37	3.64	3.83	3.91
Information	1.79	1.79	1.74	1.75	1.73
Finance and insurance	5.38	5.17	5.17	5.27	5.36
Real estate and rental and leasing	4.42	4.51	4.55	4.59	4.64
Professional, scientific, and technical services	6.88	6.91	7.01	6.98	7.00
Management of companies and enterprises	1.24	1.27	1.27	1.35	1.36
Administrative and waste management services	6.23	6.29	6.18	6.22	6.16
Educational services	2.38	2.42	2.42	2.40	2.39
Health care and social assistance	11.24	11.17	11.22	11.28	11.32
Arts, entertainment, and recreation	2.22	2.27	2.22	2.26	2.27
Accommodation and food services	7.18	7.28	7.34	7.45	7.49
Other services, except public administration	5.77	5.83	5.87	5.74	5.69
Government and government enterprises	13.19	12.92	12.69	12.57	12.44
Federal, civilian	1.55	1.50	1.48	1.47	1.46
Military	1.11	1.06	1.03	1.00	0.98
State and local	10.53	10.36	10.18	10.10	10.00
State government	2.91	2.86	2.81	2.77	2.74
Local government	7.62	7.49	7.37	7.33	7.27
<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