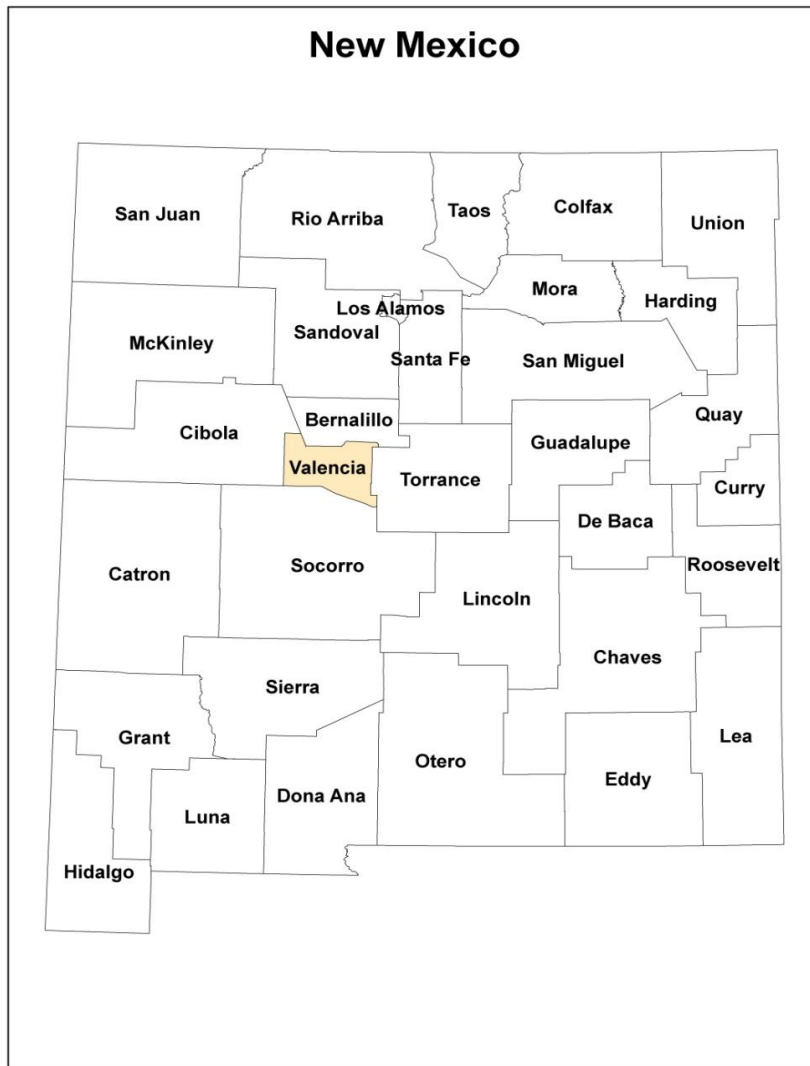


The Economic Base of Valencia County, NM

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

DATE: July 2020



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Introduction

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

The reports have been prepared under the direction of James Peach. Erin Sumner, a graduate student in the NMSU Doctorate of Economic Development program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. 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:

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

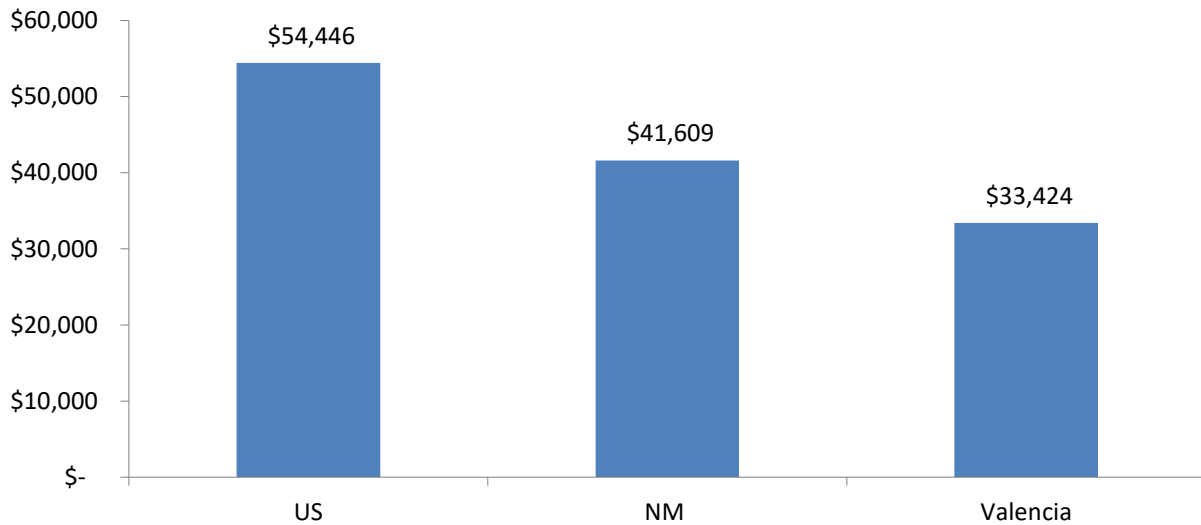
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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 (2014-2018). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Valencia County, New Mexico

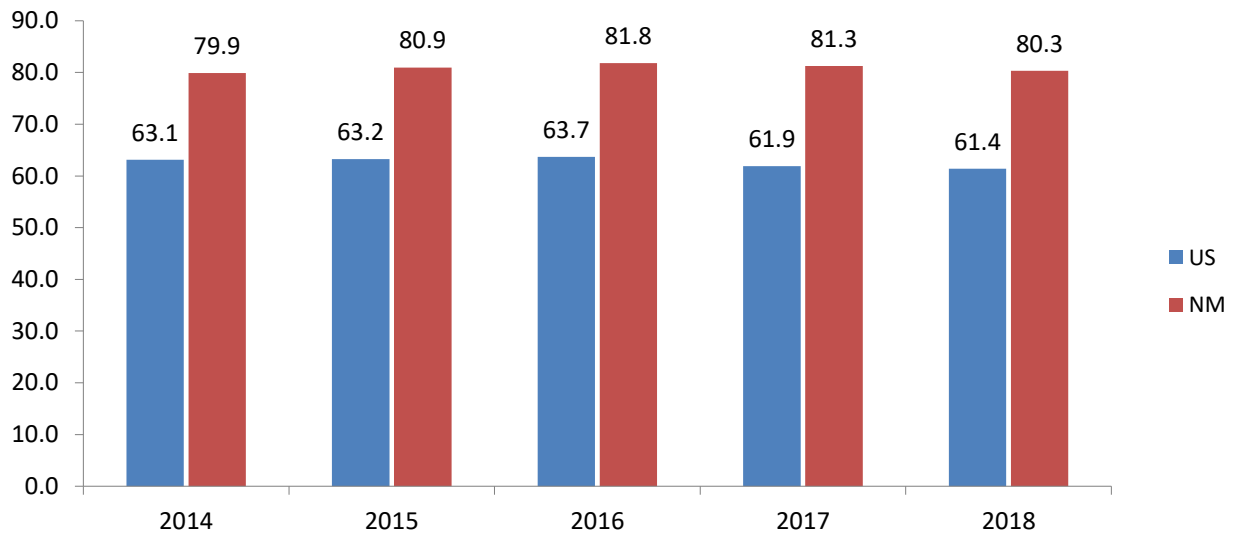
Valencia County is located in central New Mexico and contains 1,066 square miles, or 0.88 percent of the land area in New Mexico. Valencia County's population in 2018 was 76,456 (3.65 percent of the state total) and ranked 6th among New Mexico's counties in terms of population. The City of Los Lunas, with a population of 15,428 in 2018, contained 20.18 percent of Valencia County's population. Between 2014 and 2018, Valencia County's population increased by 0.71 percent, while New Mexico's population increased by 0.24 percent and the nation's population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: Valencia County (2018)



Valencia County's per capita personal income was \$33,424 in 2018 (See Figure 1). Valencia County's 2018 per capita income was 80.33 percent of the corresponding state figure of \$41,609, and 61.39 percent of the national average \$54,446 (See Figure 2). Valencia County's per capita income growth rate of 12.51 percent from 2014 to 2018 is greater than New Mexico's per capita income growth rate of 11.91 but less than the nation's per capita income growth rate of 15.70.

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



Total employment in Valencia County was 23,710 in 2018. Total employment in Valencia County increased by 11.31 percent between 2014 and 2018 compared to the increase experienced statewide (2.93 percent) and nationwide (7.79 percent). The Valencia County employment to population ratio in 2018 was 0.31. New Mexico’s 2018 employment to population ratio was 0.53 and the nation’s ratio was 0.61. 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 75.79 percent of all workers in Valencia County in 2018, while Government and Government Enterprises accounted for 17.25 percent, and Farm employment accounted for 6.96 percent of the total. The industries with the highest percentages of total employment included: Retail Trade (12.78), Transportation and Warehousing (7.30), Construction (10.46), Accommodation and Food Services (6.98), and Healthcare and Social Assistance (9.93). State and Local government were the largest employers in the public sector, at 5.00 percent and 11.04 percent of total employment, respectively. Federal/civilian and Military employment accounted for 0.40 percent and 0.81 percent of the total. Valencia County employment by sector is displayed in Table 1.

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

Table 2 contains LQs for Valencia County from 2014 to 2018, calculated using data for the United States as basis for comparison. Table 3 contains LQs for Valencia County from 2014 to 2018 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with 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 5.36 in 2018 and has been greater than 5.51 in all years considered. Though the Healthcare and Social Assistance industry had an LQ of less than 1.00 (0.88) 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 an LQ of 1.56 in 2018 and LQs exceeding 1.56 in all years considered. Furthermore, other sectors with LQs above 1.0 in 2018 included Construction (1.91), Retail Trade (1.33), and Other Services Except Public Administration (1.00), however 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 2018 were State and Local government. State government had an LQ of 1.86 in 2018, 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 an LQ of 1.54 in 2018 but is best considered a non-basic economic sector.

The data for 2018 suggest that in Valencia County, the following industries are to be considered basic:

1. Farm employment, accounted for 1,650 jobs.
2. Transportation and Warehousing, accounted for 1,730 jobs.
3. State government employment, accounted for 1,186 jobs.

It is common in economic base studies to calculate an export-base multiplier. This employment multiplier is obtained by dividing total employment in Valencia County by total employment in the basic sectors. In Valencia County, the multiplier is equal to 5.19 (23,710/4,566). This ratio suggests that any additional basic sector job in Valencia County would be associated with an additional 5.19 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 (5.19) 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 0.61 percent between 2017 and 2018 from 75,994 in 2017 to 76,456 in 2018. Per capita income increased by 4.09 percent from 2017 to 2018 from \$32,111 to \$33,424. Total employment increased by 4.79 percent from 2017 to 2018, with a gain of 1,083 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Valencia Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	14679	15059	15266	15765	16710
Proprietors employment	6621	6553	6665	6862	7000
Farm proprietors employment	1467	1459	1456	1450	1431
Nonfarm proprietors employment 2/	5154	5094	5209	5412	5569
By industry					
Farm employment	1667	1679	1702	1672	1650
Nonfarm employment	19633	19933	20229	20955	22060
Private nonfarm employment	15304	15652	16069	16829	17969
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	99	90	88	N/A
Utilities	61	60	68	60	60
Construction	1437	1485	1557	1898	2481
Manufacturing	702	786	866	961	1125
Wholesale trade	383	387	270	243	235
Retail trade	2799	2839	2823	2870	3031
Transportation and warehousing	1433	1536	1564	1650	1730
Information	146	133	119	158	204
Finance and insurance	650	593	655	601	609
Real estate and rental and leasing	730	758	754	803	795
Professional, scientific, and technical services	672	707	678	742	710
Management of companies and enterprises	105	98	138	109	107
Administrative and waste management services	574	567	690	745	709
Educational services	208	228	258	292	294
Health care and social assistance	2052	2185	2293	2320	2355
Arts, entertainment, and recreation	356	(D)	(D)	(D)	339
Accommodation and food services	1493	1504	1526	1573	1655
Other services, except public administration	1277	1259	1287	1273	1330
Government and government enterprises	4329	4281	4160	4126	4091
Federal, civilian	104	97	96	97	96
Military	202	190	191	192	191
State and local	4023	3994	3873	3837	3804
State government	1416	1378	1241	1226	1186
Local government	2607	2616	2632	2611	2618
Total employment	21,300	21,612	21,931	22,627	23,710

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 2: Location Quotients for Valencia (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.89	0.90	0.90	0.90	0.92
Proprietors employment	1.39	1.35	1.35	1.33	1.28
Farm proprietors employment	6.97	7.02	7.06	7.00	6.77
Nonfarm proprietors employment	1.14	1.10	1.10	1.09	1.06
By industry					
Farm employment	5.51	5.59	5.69	5.55	5.36
Nonfarm employment	0.94	0.94	0.94	0.94	0.94
Private nonfarm employment	0.84	0.84	0.85	0.86	0.88
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	0.56	0.55	0.58	N/A
Utilities	0.92	0.88	0.96	0.88	0.86
Construction	1.31	1.33	1.33	1.56	1.91
Manufacturing	0.48	0.53	0.58	0.63	0.71
Wholesale trade	0.50	0.50	0.37	0.33	0.31
Retail trade	1.31	1.31	1.30	1.29	1.33
Transportation and warehousing	1.99	1.95	1.86	1.68	1.56
Information	0.38	0.35	0.31	0.40	0.50
Finance and insurance	0.59	0.53	0.57	0.51	0.50
Real estate and rental and leasing	0.76	0.77	0.75	0.76	0.71
Professional, scientific, and technical services	0.46	0.47	0.44	0.47	0.42
Management of companies and enterprises	0.39	0.36	0.47	0.37	0.34
Administrative and waste management services	0.43	0.42	0.51	0.53	0.48
Educational services	0.40	0.44	0.49	0.54	0.52
Health care and social assistance	0.86	0.90	0.93	0.91	0.88
Arts, entertainment, and recreation	0.74	N/A	N/A	N/A	0.61
Accommodation and food services	0.96	0.95	0.93	0.93	0.93
Other services, except public administration	1.03	0.99	1.02	1.00	1.00
Government and government enterprises	1.57	1.56	1.51	1.47	1.41
Federal, civilian	0.33	0.30	0.30	0.30	0.29
Military	0.89	0.85	0.87	0.87	0.84
State and local	1.82	1.81	1.75	1.70	1.63
State government	2.32	2.27	2.04	1.98	1.86
Local government	1.63	1.64	1.64	1.59	1.54
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 3: Location Quotients for Valencia (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.88	0.88	0.88	0.89	0.90
Proprietors employment	1.46	1.43	1.43	1.42	1.37
Farm proprietors employment	3.46	3.42	3.37	3.27	3.17
Nonfarm proprietors employment	1.25	1.22	1.24	1.23	1.20
By industry					
Farm employment	2.99	2.92	2.84	2.79	2.71
Nonfarm employment	0.95	0.95	0.95	0.95	0.95
Private nonfarm employment	0.92	0.93	0.94	0.95	0.96
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	0.14	0.14	0.14	N/A
Utilities	0.68	0.65	0.69	0.63	0.62
Construction	1.23	1.26	1.29	1.48	1.81
Manufacturing	1.05	1.16	1.30	1.43	1.58
Wholesale trade	0.68	0.69	0.53	0.47	0.45
Retail trade	1.25	1.25	1.24	1.25	1.28
Transportation and warehousing	2.81	2.85	2.92	2.67	2.47
Information	0.47	0.43	0.37	0.49	0.63
Finance and insurance	0.95	0.87	0.91	0.82	0.80
Real estate and rental and leasing	0.95	0.97	0.94	0.96	0.89
Professional, scientific, and technical services	0.45	0.46	0.43	0.45	0.41
Management of companies and enterprises	0.95	0.84	1.09	0.86	0.78
Administrative and waste management services	0.54	0.54	0.64	0.64	0.58
Educational services	0.63	0.68	0.76	0.83	0.81
Health care and social assistance	0.84	0.85	0.85	0.83	0.82
Arts, entertainment, and recreation	0.75	N/A	N/A	N/A	0.61
Accommodation and food services	0.86	0.84	0.82	0.82	0.82
Other services, except public administration	1.18	1.14	1.16	1.12	1.11
Government and government enterprises	1.05	1.04	0.99	0.97	0.94
Federal, civilian	0.18	0.17	0.16	0.16	0.16
Military	0.58	0.57	0.56	0.54	0.51
State and local	1.26	1.24	1.19	1.17	1.12
State government	1.23	1.18	1.05	1.04	0.98
Local government	1.28	1.28	1.27	1.24	1.21
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 4: Valencia, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	16,710	70.48
Proprietors employment	7,000	29.52
Farm proprietors employment	1,431	6.04
Nonfarm proprietors employment	5,569	23.49
By industry		
Farm employment	1,650	6.96
Nonfarm employment	22,060	93.04
Private nonfarm employment	17,969	75.79
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	60	0.25
Construction	2,481	10.46
Manufacturing	1,125	4.74
Wholesale trade	235	0.99
Retail trade	3,031	12.78
Transportation and warehousing	1,730	7.30
Information	204	0.86
Finance and insurance	609	2.57
Real estate and rental and leasing	795	3.35
Professional, scientific, and technical services	710	2.99
Management of companies and enterprises	107	0.45
Administrative and waste management services	709	2.99
Educational services	294	1.24
Health care and social assistance	2,355	9.93
Arts, entertainment, and recreation	339	1.43
Accommodation and food services	1,655	6.98
Other services, except public administration	1,330	5.61
Government and government enterprises	4,091	17.25
Federal, civilian	96	0.40
Military	191	0.81
State and local	3,804	16.04
State government	1,186	5.00
Local government	2,618	11.04
Total employment	23,710	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 5: New Mexico Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	852,638	859,962	861,216	862,809	875,574
Proprietors employment	231,134	232,022	231,421	234,860	240,000
Farm proprietors employment	21,557	21,579	21,534	21,511	21,243
Nonfarm proprietors employment 2/	209,577	210,443	209,887	213,349	218,757
By industry					
Farm employment	28,346	29,040	29,884	29,031	28,687
Nonfarm employment	1,055,426	1,062,944	1,062,753	1,068,638	1,086,887
Private nonfarm employment	845,767	854,456	854,248	862,552	881,228
Forestry, fishing, and related activities	5,674	5,541	5,820	5,989	6,157
Mining	38,214	36,656	31,809	31,204	34,490
Utilities	4,591	4,684	4,900	4,623	4,576
Construction	59,584	59,707	60,008	62,061	64,328
Manufacturing	34,027	34,157	33,187	32,562	33,596
Wholesale trade	28,854	28,501	25,380	24,989	24,563
Retail trade	113,924	114,887	113,636	111,466	111,663
Transportation and warehousing	25,905	27,245	26,673	30,016	32,916
Information	15,725	15,587	16,001	15,491	15,297
Finance and insurance	34,781	34,461	35,685	35,674	36,018
Real estate and rental and leasing	39,111	39,659	39,865	40,497	41,842
Professional, scientific, and technical services	76,116	77,543	77,750	79,918	81,618
Management of companies and enterprises	5,632	5,875	6,336	6,143	6,488
Administrative and waste management services	54,370	52,996	53,892	56,396	57,515
Educational services	16,709	16,959	17,013	17,048	17,004
Health care and social assistance	124,796	129,722	134,264	134,791	135,667
Arts, entertainment, and recreation	24,227	24,245	24,150	25,154	26,008
Accommodation and food services	88,297	90,194	92,523	93,512	95,173
Other services, except public administration	55,230	55,837	55,356	55,018	56,309
Government and government enterprises	209,659	208,488	208,505	206,086	205,659
Federal, civilian	29,451	29,188	29,385	29,281	28,881
Military	17,809	16,837	17,132	17,346	17,588
State and local	162,399	162,463	161,988	159,459	159,190
State government	58,771	58,969	58,707	57,448	57,079
Local government	103,628	103,494	103,281	102,011	102,111
Total employment	1,083,772	1,091,984	1,092,637	1,097,669	1,115,574

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 6: United States Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	144,722,000	147,636,000	149,912,000	151,860,000	154,375,000
Proprietors employment	41,511,800	42,679,800	43,459,900	44,965,300	46,371,000
Farm proprietors employment	1,840,000	1,829,000	1,818,000	1,802,000	1,790,000
Nonfarm proprietors employment	39,671,800	40,850,800	41,641,900	43,163,300	44,581,000
By industry					
Farm employment	2,643,000	2,646,000	2,638,000	2,621,000	2,604,000
Nonfarm employment	183,590,800	187,669,800	190,733,900	194,204,300	198,142,000
Private nonfarm employment	159,535,800	163,523,800	166,428,900	169,778,300	173,599,000
Forestry, fishing, and related activities	941,000	915,900	935,200	938,300	969,400
Mining	1,597,500	1,553,300	1,452,200	1,320,900	1,353,700
Utilities	580,600	597,400	622,000	590,800	589,700
Construction	9,564,300	9,844,900	10,322,100	10,557,000	10,973,300
Manufacturing	12,907,600	13,076,600	13,131,900	13,235,200	13,501,300
Wholesale trade	6,719,600	6,817,100	6,463,400	6,492,900	6,422,200
Retail trade	18,713,100	19,092,300	19,195,500	19,345,100	19,307,500
Transportation and warehousing	6,282,400	6,932,700	7,418,200	8,520,900	9,364,300
Information	3,327,000	3,316,400	3,384,900	3,404,500	3,460,100
Finance and insurance	9,621,000	9,845,600	10,188,400	10,250,300	10,394,600
Real estate and rental and leasing	8,405,800	8,668,300	8,868,200	9,203,700	9,504,800
Professional, scientific, and technical services	12,864,700	13,333,200	13,496,900	13,848,200	14,203,900
Management of companies and enterprises	2,361,300	2,425,500	2,603,800	2,568,700	2,669,500
Administrative and waste management services	11,719,200	11,770,600	12,034,600	12,212,600	12,472,900
Educational services	4,498,100	4,610,900	4,641,800	4,702,400	4,771,700
Health care and social assistance	20,798,400	21,351,100	21,816,100	22,214,300	22,619,800
Arts, entertainment, and recreation	4,223,300	4,220,100	4,363,100	4,518,600	4,684,900
Accommodation and food services	13,548,900	13,977,700	14,399,000	14,788,400	15,077,500
Other services, except public administration	10,862,000	11,174,200	11,091,600	11,065,500	11,257,900
Government and government enterprises	24,055,000	24,146,000	24,305,000	24,426,000	24,543,000
Federal, civilian	2,792,000	2,810,000	2,847,000	2,857,000	2,849,000
Military	1,975,000	1,957,000	1,928,000	1,929,000	1,922,000
State and local	19,288,000	19,379,000	19,530,000	19,640,000	19,772,000
State government	5,330,000	5,349,000	5,356,000	5,383,000	5,395,000
Local government	13,958,000	14,030,000	14,174,000	14,257,000	14,377,000
Total employment	186,233,800	190,315,800	193,371,900	196,825,300	200,746,000

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 7: Valencia, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Valencia
By type			
Wage and salary employment	76.90	78.49	70.48
Proprietors employment	23.10	21.51	29.52
Farm proprietors employment	0.89	1.90	6.04
Nonfarm proprietors employment	22.21	19.61	23.49
By industry			
Farm employment	1.30	2.57	6.96
Nonfarm employment	98.70	97.43	93.04
Private nonfarm employment	86.48	78.99	75.79
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	0.25
Construction	5.47	5.77	10.46
Manufacturing	6.73	3.01	4.74
Wholesale trade	3.20	2.20	0.99
Retail trade	9.62	10.01	12.78
Transportation and warehousing	4.66	2.95	7.30
Information	1.72	1.37	0.86
Finance and insurance	5.18	3.23	2.57
Real estate and rental and leasing	4.73	3.75	3.35
Professional, scientific, and technical services	7.08	7.32	2.99
Management of companies and enterprises	1.33	0.58	0.45
Administrative and waste management services	6.21	5.16	2.99
Educational services	2.38	1.52	1.24
Health care and social assistance	11.27	12.16	9.93
Arts, entertainment, and recreation	2.33	2.33	1.43
Accommodation and food services	7.51	8.53	6.98
Other services, except public administration	5.61	5.05	5.61
Government and government enterprises	12.23	18.44	17.25
Federal, civilian	1.42	2.59	0.40
Military	0.96	1.58	0.81
State and local	9.85	14.27	16.04
State government	2.69	5.12	5.00
Local government	7.16	9.15	11.04
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 8: Valencia Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	68.92	69.68	69.61	69.67	70.48
Proprietors employment	31.08	30.32	30.39	30.33	29.52
Farm proprietors employment	6.89	6.75	6.64	6.41	6.04
Nonfarm proprietors employment	24.20	23.57	23.75	23.92	23.49
By industry					
Farm employment	7.83	7.77	7.76	7.39	6.96
Nonfarm employment	92.17	92.23	92.24	92.61	93.04
Private nonfarm employment	71.85	72.42	73.27	74.38	75.79
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	0.46	0.41	0.39	N/A
Utilities	0.29	0.28	0.31	0.27	0.25
Construction	6.75	6.87	7.10	8.39	10.46
Manufacturing	3.30	3.64	3.95	4.25	4.74
Wholesale trade	1.80	1.79	1.23	1.07	0.99
Retail trade	13.14	13.14	12.87	12.68	12.78
Transportation and warehousing	6.73	7.11	7.13	7.29	7.30
Information	0.69	0.62	0.54	0.70	0.86
Finance and insurance	3.05	2.74	2.99	2.66	2.57
Real estate and rental and leasing	3.43	3.51	3.44	3.55	3.35
Professional, scientific, and technical services	3.15	3.27	3.09	3.28	2.99
Management of companies and enterprises	0.49	0.45	0.63	0.48	0.45
Administrative and waste management services	2.69	2.62	3.15	3.29	2.99
Educational services	0.98	1.05	1.18	1.29	1.24
Health care and social assistance	9.63	10.11	10.46	10.25	9.93
Arts, entertainment, and recreation	1.67	N/A	N/A	N/A	1.43
Accommodation and food services	7.01	6.96	6.96	6.95	6.98
Other services, except public administration	6.00	5.83	5.87	5.63	5.61
Government and government enterprises	20.32	19.81	18.97	18.23	17.25
Federal, civilian	0.49	0.45	0.44	0.43	0.40
Military	0.95	0.88	0.87	0.85	0.81
State and local	18.89	18.48	17.66	16.96	16.04
State government	6.65	6.38	5.66	5.42	5.00
Local government	12.24	12.10	12.00	11.54	11.04
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
By industry					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculations

Table 10: United States Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	77.71	77.57	77.53	77.15	76.90
Proprietors employment	22.29	22.43	22.47	22.85	23.10
Farm proprietors employment	0.99	0.96	0.94	0.92	0.89
Nonfarm proprietors employment	21.30	21.46	21.53	21.93	22.21
By industry					
Farm employment	1.42	1.39	1.36	1.33	1.30
Nonfarm employment	98.58	98.61	98.64	98.67	98.70
Private nonfarm employment	85.66	85.92	86.07	86.26	86.48
Forestry, fishing, and related activities	0.51	0.48	0.48	0.48	0.48
Mining	0.86	0.82	0.75	0.67	0.67
Utilities	0.31	0.31	0.32	0.30	0.29
Construction	5.14	5.17	5.34	5.36	5.47
Manufacturing	6.93	6.87	6.79	6.72	6.73
Wholesale trade	3.61	3.58	3.34	3.30	3.20
Retail trade	10.05	10.03	9.93	9.83	9.62
Transportation and warehousing	3.37	3.64	3.84	4.33	4.66
Information	1.79	1.74	1.75	1.73	1.72
Finance and insurance	5.17	5.17	5.27	5.21	5.18
Real estate and rental and leasing	4.51	4.55	4.59	4.68	4.73
Professional, scientific, and technical services	6.91	7.01	6.98	7.04	7.08
Management of companies and enterprises	1.27	1.27	1.35	1.31	1.33
Administrative and waste management services	6.29	6.18	6.22	6.20	6.21
Educational services	2.42	2.42	2.40	2.39	2.38
Health care and social assistance	11.17	11.22	11.28	11.29	11.27
Arts, entertainment, and recreation	2.27	2.22	2.26	2.30	2.33
Accommodation and food services	7.28	7.34	7.45	7.51	7.51
Other services, except public administration	5.83	5.87	5.74	5.62	5.61
Government and government enterprises	12.92	12.69	12.57	12.41	12.23
Federal, civilian	1.50	1.48	1.47	1.45	1.42
Military	1.06	1.03	1.00	0.98	0.96
State and local	10.36	10.18	10.10	9.98	9.85
State government	2.86	2.81	2.77	2.73	2.69
Local government	7.49	7.37	7.33	7.24	7.16
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation