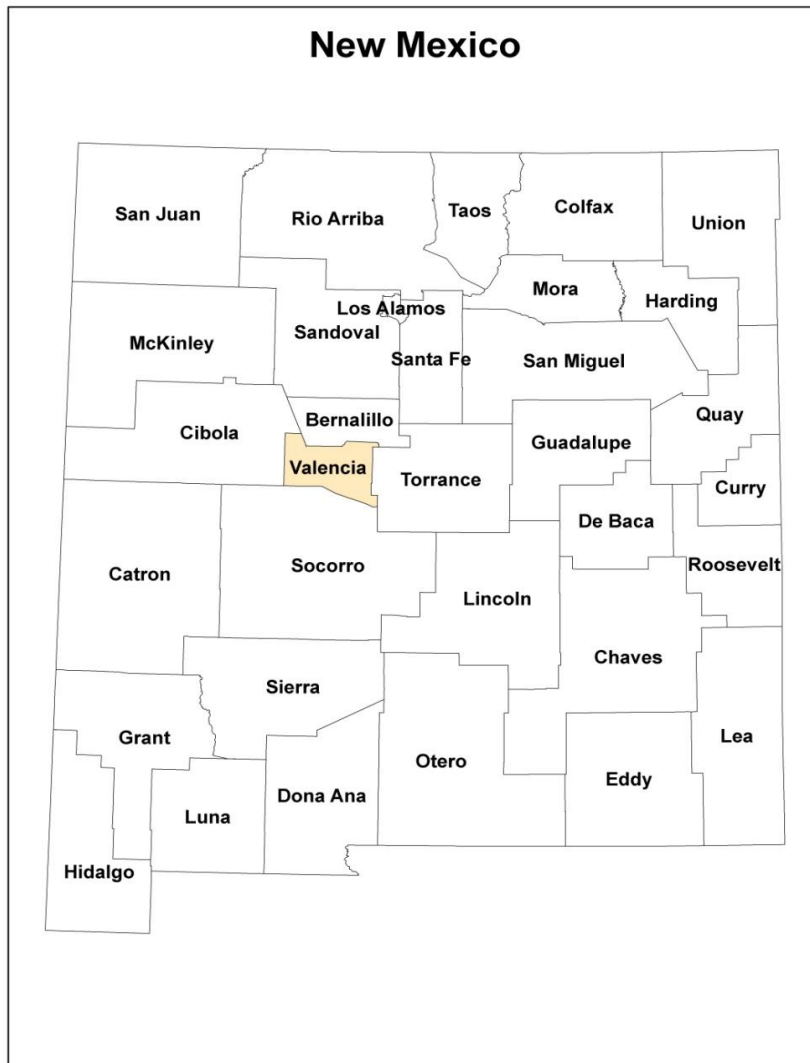




The Economic Base of Valencia County, NM

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New Mexico State University

DATE: July 2017



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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. 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:

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

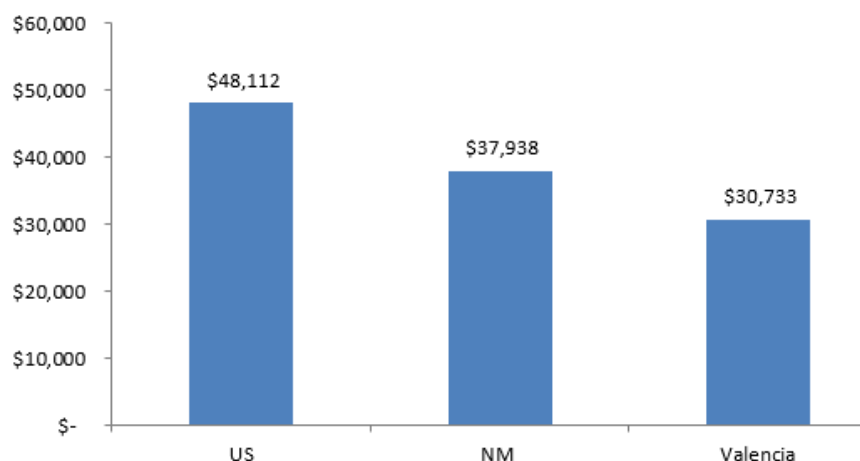
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, 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 (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.

Valencia County, New Mexico

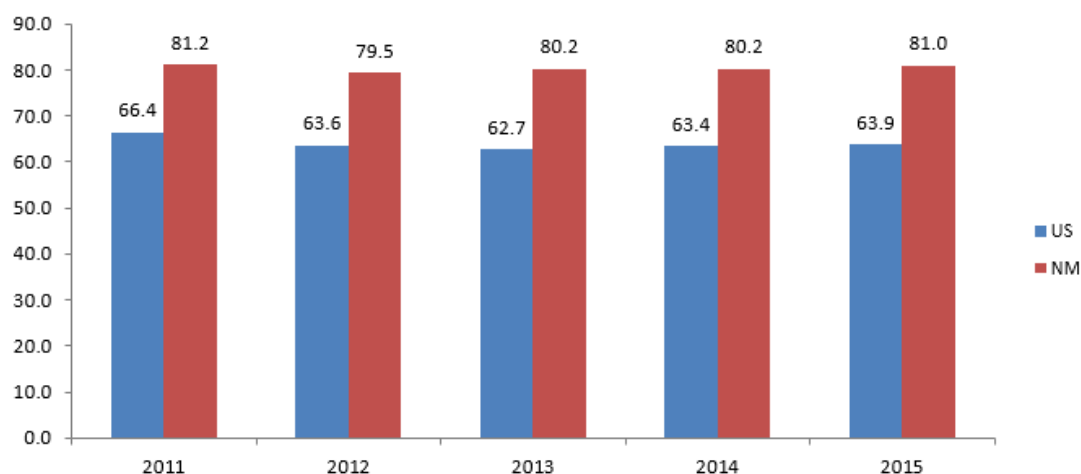
Valencia County is located in central New Mexico and contains 1,066 square miles, or 0.88 percent of the land area in New Mexico. Valencia County's population in 2015 was 75,737 (3.63 percent of the state total) and ranked 7th among New Mexico's counties. The City of Los Lunas, had a population of 15,292 in 2015, contained 20.19 percent of Valencia County's population. Between 2011 and 2015, Valencia County's population decreased 1.52 percent, while New Mexico's population increased .33 percent and the nation's population increased 3.11 percent.

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



Valencia County's per capita personal income was \$30,733 and ranked 29th in the state in 2015 (See Figure 1). Valencia County's 2015 per capita income was 81 percent of the corresponding state \$37,938, and 63.9 percent of the national average \$48,112 (See Figure 2). Valencia County's per capita income growth rate of 8.97 percent from 2011 to 2015 compared to New Mexico's per capita income growth of 9.24 and nation's per capita income growth rate of 13.33.

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



Total employment in Valencia County was 21,814 in 2015. Total employment in Valencia County decreased by .02 percent between 2011 and 2015 compared to the increase experienced statewide (2.88 percent) and nationwide (7.89 percent). The Valencia County employment to population ratio in 2015 was 0.29. New Mexico's 2015 employment to population ratio was 0.53 and the nation's ratio was 0.59. 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 72.75 percent of all workers in Valencia County in 2015, while Government and government enterprises accounted for 19.65 percent, and Farm employment accounted for 7.61 percent of the total. The industries with the highest percentages of total employment included: Retail trade (13.19), and Transportation and warehousing (7.17), Construction (6.95), Accommodation and food services (7.06). State and Local government were the largest employers in the public sector, at 6.32 percent and 11.99 percent of total employment, respectively; while Federal/civilian and Military employment accounted for 0.44 percent and 0.89 percent of the total, respectively. 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 2011 to 2015, calculated using data for the United States as basis for comparison. Table 2 contains LQs for Valencia County from 2011 to 2015 calculated with respect to the state of New Mexico. For the purposes of this report, a LQ greater than 1.0 with respect to U.S. employment is considered as a basic industry. Sectors with 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 5.47 in 2015, and has been greater than 4.62 in all years considered. The Health care and social assistance industry had an LQ of 1.12 in 2011 reflecting the large employment base of the Los Lunas Hospital and Training School. Because this hospital exports education and training outside of Valencia County. However, the data for this sector was not disclosed by the BEA in 2012 and 2013, and the LQ for 2015 dropped to .89. In subsequent updates the LQ is expected to return to an LQ of 1 or above. Because of the area, population, and industry Health care and social assistance is still considered a basic industry.

Transportation and warehousing can also be considered a basic industry in Valencia County. This sector had a LQ of 2.06 in 2015, and LQs exceeding 1.91 in all years considered. Furthermore, other sectors with LQs above 1.0 in 2015 included Construction (1.33) and Retail trade (1.31) 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 2015 were State and Local government. State government had a LQ of 2.27 in 2015, 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 1.62 in 2015, but is best considered a non-basic economic sector.

The data for 2015 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 1,563 total jobs.
3. State government employment, which accounted for 1,379 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 4.7 (21,814/ 4,601). This ratio suggests that any additional basic sector job in Valencia County would be associated with an additional 4.7 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 (4.7) 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 decreased by 0.13 percent between 2014 and 2015 from 75,833 in 2014 to 75,737 in 2015. Per capita income increased 4.5 percent from 2014 to 2015 from \$29,409 to \$30,733. Total employment increased by 2.41 percent from 2014 to 2015, with a gain of 515 jobs. Basic industries remained unchanged.

Tables 1 to 10 appear on pages 6-15

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

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.89	0.88	0.88	0.89	0.89
Proprietors employment	1.40	1.42	1.42	1.39	1.38
Farm proprietors employment	5.72	6.56	6.82	6.83	6.87
Nonfarm proprietors employment	1.18	1.17	1.16	1.13	1.13
By industry					
Farm employment	4.62	5.26	5.52	5.42	5.47
Nonfarm employment	0.94	0.94	0.93	0.94	0.94
Private nonfarm employment	0.86	0.85	0.84	0.84	0.85
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.62	0.59	0.49	N/A	0.68
Utilities	0.80	0.96	0.95	0.92	0.80
Construction	1.24	1.28	1.36	1.31	1.33
Manufacturing	0.57	0.47	0.48	0.48	0.49
Wholesale trade	0.40	0.42	0.44	0.47	0.47
Retail trade	1.30	1.29	1.30	1.31	1.31
Transportation and warehousing	2.03	1.91	2.07	2.06	2.06
Information	N/A	0.39	0.43	0.38	0.34
Finance and insurance	0.52	0.56	0.59	0.59	0.57
Real estate and rental and leasing	0.79	0.75	0.73	0.76	0.78
Professional, scientific, and technical services	0.47	0.47	0.48	0.46	0.46
Management of companies and enterprises	0.42	0.35	0.51	0.39	0.35
Administrative and waste management services	0.46	0.49	0.44	0.43	0.42
Educational services	0.39	N/A	N/A	0.40	0.44
Health care and social assistance	1.12	N/A	N/A	0.86	0.89
Arts, entertainment, and recreation	0.71	0.69	0.71	0.74	N/A
Accommodation and food services	0.88	0.92	0.94	0.96	0.96
Other services, except public administration	1.03	1.02	1.03	1.03	1.01
Government and government enterprises	1.45	1.49	1.54	1.57	1.55
Federal, civilian	0.32	0.32	0.32	0.33	0.30
Military	0.82	0.84	0.88	0.85	0.87
State and local	1.69	1.73	1.79	1.82	1.80
State government	2.17	2.18	2.27	2.34	2.27
Local government	1.52	1.56	1.61	1.63	1.62
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

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

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.88	0.87	0.87	0.88	0.88
Proprietors employment	1.46	1.47	1.48	1.45	1.43
Farm proprietors employment	3.13	3.36	3.46	3.43	3.39
Nonfarm proprietors employment	1.29	1.27	1.27	1.25	1.24
By industry					
Farm employment	2.70	2.90	2.95	2.96	2.90
Nonfarm employment	0.96	0.95	0.95	0.95	0.95
Private nonfarm employment	0.94	0.93	0.92	0.92	0.93
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.17	0.16	0.13	N/A	0.16
Utilities	0.61	0.72	0.70	0.68	0.59
Construction	1.11	1.18	1.25	1.23	1.26
Manufacturing	1.20	0.99	1.02	1.05	1.09
Wholesale trade	0.57	0.59	0.62	0.65	0.64
Retail trade	1.26	1.24	1.25	1.25	1.25
Transportation and warehousing	2.87	2.64	2.89	2.91	2.97
Information	N/A	0.45	0.52	0.47	0.41
Finance and insurance	0.86	0.92	0.97	0.95	0.92
Real estate and rental and leasing	0.95	0.92	0.90	0.95	0.97
Professional, scientific, and technical services	0.44	0.45	0.47	0.45	0.45
Management of companies and enterprises	0.95	0.82	1.25	0.95	0.85
Administrative and waste management services	0.55	0.61	0.55	0.54	0.54
Educational services	0.60	N/A	N/A	0.63	0.68
Health care and social assistance	1.08	N/A	N/A	0.84	0.84
Arts, entertainment, and recreation	0.72	0.69	0.72	0.75	N/A
Accommodation and food services	0.79	0.83	0.85	0.86	0.85
Other services, except public administration	1.15	1.15	1.17	1.18	1.16
Government and government enterprises	1.00	1.01	1.04	1.05	1.03
Federal, civilian	0.17	0.17	0.18	0.18	0.17
Military	0.57	0.56	0.57	0.56	0.58
State and local	1.21	1.22	1.25	1.26	1.24
State government	1.18	1.19	1.22	1.22	1.18
Local government	1.23	1.24	1.27	1.28	1.27
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 3: Valencia County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	15,091	69.18
Proprietors employment	6,723	30.82
Farm proprietors employment	1,439	6.60
Nonfarm proprietors employment	5,284	24.22
By industry		
Farm employment	1,659	7.61
Nonfarm employment	20,155	92.39
Private nonfarm employment	15,869	72.75
Forestry, fishing, and related activities	(D)	N/A
Mining	117	0.54
Utilities	54	0.25
Construction	1,517	6.95
Manufacturing	740	3.39
Wholesale trade	364	1.67
Retail trade	2,877	13.19
Transportation and warehousing	1,563	7.17
Information	130	0.60
Finance and insurance	636	2.92
Real estate and rental and leasing	779	3.57
Professional, scientific, and technical services	699	3.20
Management of companies and enterprises	98	0.45
Administrative and waste management services	586	2.69
Educational services	237	1.09
Health care and social assistance	2,172	9.96
Arts, entertainment, and recreation	(D)	N/A
Accommodation and food services	1,541	7.06
Other services, except public administration	1,282	5.88
Government and government enterprises	4,286	19.65
Federal, civilian	97	0.44
Military	194	0.89
State and local	3,995	18.31
State government	1,379	6.32
Local government	2,616	11.99
Total employment	21,814	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

Table 4: Valencia County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	15,023	14,857	14,495	14,737	15,091
Proprietors employment	6,795	6,770	6,649	6,562	6,723
Farm proprietors employment	1,328	1,461	1,467	1,440	1,439
Nonfarm proprietors employment 2/	5,467	5,309	5,182	5,122	5,284
By industry					
Farm employment	1,509	1,666	1,694	1,640	1,659
Nonfarm employment	20,309	19,961	19,450	19,659	20,155
Private nonfarm employment	15,939	15,635	15,148	15,340	15,869
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	96	110	91	(D)	117
Utilities	57	67	64	61	54
Construction	1,347	1,385	1,459	1,440	1,517
Manufacturing	875	717	712	702	740
Wholesale trade	308	314	325	354	364
Retail trade	2,886	2,812	2,772	2,806	2,877
Transportation and warehousing	1,429	1,356	1,447	1,480	1,563
Information	(D)	150	163	146	130
Finance and insurance	626	657	666	649	636
Real estate and rental and leasing	776	711	680	733	779
Professional, scientific, and technical services	696	696	703	673	699
Management of companies and enterprises	107	91	135	105	98
Administrative and waste management services	616	658	586	573	586
Educational services	199	(D)	(D)	207	237
Health care and social assistance	2,693	(D)	(D)	2,054	2,172
Arts, entertainment, and recreation	340	333	335	355	(D)
Accommodation and food services	1,338	1,405	1,424	1,495	1,541
Other services, except public administration	1,302	1,277	1,254	1,281	1,282
Government and government enterprises	4,370	4,326	4,302	4,319	4,286
Federal, civilian	114	112	106	104	97
Military	210	208	207	192	194
State and local	4,046	4,006	3,989	4,023	3,995
State government	1,415	1,383	1,386	1,415	1,379
Local government	2,631	2,623	2,603	2,608	2,616
Total employment	21,818	21,627	21,144	21,299	21,814
Source: Bureau of Economic Analysis at www.bea.gov , table CA25N					

Table 5: New Mexico Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
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
By industry					
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
Total employment	1,065,291	1,067,757	1,075,867	1,082,277	1,095,949

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N

Table 6: United States Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
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
By industry					
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
Total employment	176,278,700	179,081,700	182,408,100	186,168,100	190,195,400
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N</i>					

Table 7: Valencia County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Valencia County
By type			
Wage and salary employment	77.62	78.45	69.18
Proprietors employment	22.38	21.55	30.82
Farm proprietors employment	0.96	1.94	6.60
Nonfarm proprietors employment	21.42	19.61	24.22
By industry			
Farm employment	1.39	2.63	7.61
Nonfarm employment	98.61	97.37	92.39
Private nonfarm employment	85.92	78.34	72.75
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	0.54
Utilities	0.31	0.42	0.25
Construction	5.23	5.53	6.95
Manufacturing	6.88	3.11	3.39
Wholesale trade	3.57	2.61	1.67
Retail trade	10.07	10.56	13.19
Transportation and warehousing	3.47	2.41	7.17
Information	1.78	1.46	0.60
Finance and insurance	5.07	3.16	2.92
Real estate and rental and leasing	4.59	3.69	3.57
Professional, scientific, and technical services	6.96	7.08	3.20
Management of companies and enterprises	1.28	0.53	0.45
Administrative and waste management services	6.32	4.94	2.69
Educational services	2.45	1.60	1.09
Health care and social assistance	11.20	11.83	9.96
Arts, entertainment, and recreation	2.26	2.27	N/A
Accommodation and food services	7.38	8.27	7.06
Other services, except public administration	5.80	5.07	5.88
Government and government enterprises	12.69	19.03	19.65
Federal, civilian	1.48	2.66	0.44
Military	1.03	1.54	0.89
State and local	10.19	14.82	18.31
State government	2.79	5.38	6.32
Local government	7.40	9.45	11.99
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation

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

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	68.86	68.70	68.55	69.19	69.18
Proprietors employment	31.14	31.30	31.45	30.81	30.82
Farm proprietors employment	6.09	6.76	6.94	6.76	6.60
Nonfarm proprietors employment	25.06	24.55	24.51	24.05	24.22
By industry					
Farm employment	6.92	7.70	8.01	7.70	7.61
Nonfarm employment	93.08	92.30	91.99	92.30	92.39
Private nonfarm employment	73.05	72.29	71.64	72.02	72.75
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	0.44	0.51	0.43	N/A	0.54
Utilities	0.26	0.31	0.30	0.29	0.25
Construction	6.17	6.40	6.90	6.76	6.95
Manufacturing	4.01	3.32	3.37	3.30	3.39
Wholesale trade	1.41	1.45	1.54	1.66	1.67
Retail trade	13.23	13.00	13.11	13.17	13.19
Transportation and warehousing	6.55	6.27	6.84	6.95	7.17
Information	N/A	0.69	0.77	0.69	0.60
Finance and insurance	2.87	3.04	3.15	3.05	2.92
Real estate and rental and leasing	3.56	3.29	3.22	3.44	3.57
Professional, scientific, and technical services	3.19	3.22	3.32	3.16	3.20
Management of companies and enterprises	0.49	0.42	0.64	0.49	0.45
Administrative and waste management services	2.82	3.04	2.77	2.69	2.69
Educational services	0.91	N/A	N/A	0.97	1.09
Health care and social assistance	12.34	N/A	N/A	9.64	9.96
Arts, entertainment, and recreation	1.56	1.54	1.58	1.67	N/A
Accommodation and food services	6.13	6.50	6.73	7.02	7.06
Other services, except public administration	5.97	5.90	5.93	6.01	5.88
Government and government enterprises	20.03	20.00	20.35	20.28	19.65
Federal, civilian	0.52	0.52	0.50	0.49	0.44
Military	0.96	0.96	0.98	0.90	0.89
State and local	18.54	18.52	18.87	18.89	18.31
State government	6.49	6.39	6.56	6.64	6.32
Local government	12.06	12.13	12.31	12.24	11.99
Total employment	100.00	100.00	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

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

Description	2011	2012	2013	2014	2015
By type					
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
By industry					
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
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at 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
By type					
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
By industry					
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
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation