



The Economic Base of the Albuquerque, NM, Metropolitan Statistical Area

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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, a LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

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>.

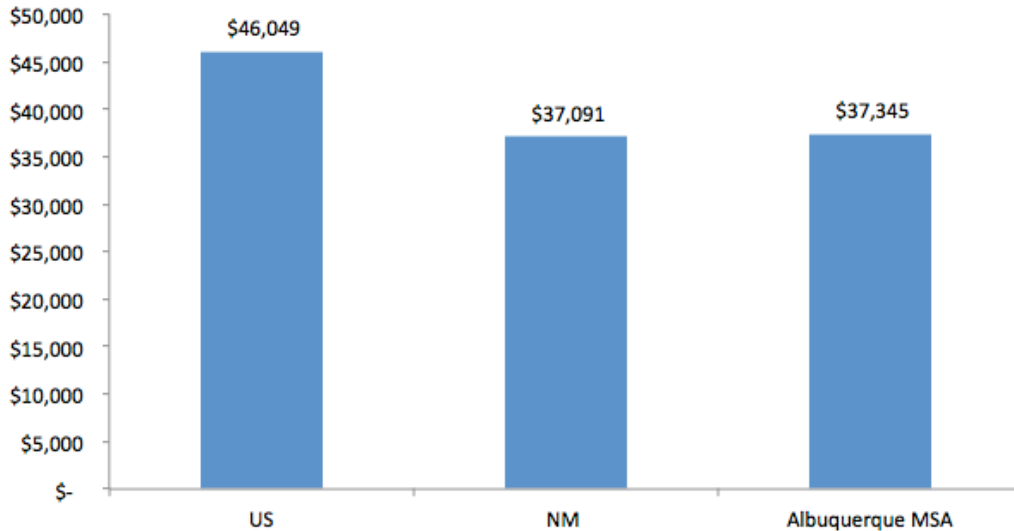
In this report, LQs are calculated for industries within Bernalillo County with national employment as basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general 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 (2010-2014). The economic 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.

The Albuquerque, New Mexico, MSA

The Albuquerque MSA is located in central New Mexico and consists of Bernalillo, Torrance, Sandoval, and Valencia counties. The four counties combined encompass 9,283 square miles, or 7.66 percent of the land area of New Mexico. The population of the Albuquerque MSA in 2014 was 904,587 or 43.4 percent of the New Mexico's total population. The population of the city of Albuquerque, estimated by the U.S. Census Bureau, was 557,894 in 2014 as well as contained 61.67 percent of the Albuquerque MSA's population. The City of Albuquerque, the most populated city in the state, contained 26.75 percent of the state's population in 2014. Between 2010 and 2014, the Albuquerque MSA's population increased by .14 percent, while New Mexico's population increased by 1.0 percent and the nation's population increased by 3.07 percent.

Per capita personal income in the Albuquerque MSA in 2014 was \$37,345 (See Figure 1). The growth of per capita personal income in the Albuquerque MSA between 2010 and 2014 was 9.25 percent, lower than the growth in per capita personal income in New Mexico (12.33 percent) and the nation (14.33 percent).

Figure 1. Per Capita Personal Income: Albuquerque MSA (2014)



Albuquerque MSA's per capita income was 100.7 percent of the corresponding state figure (\$37,091), and 81.1 percent of the national average (\$46,049) (See Figure 2).

Figure 2 : Per Capita Income of Albuquerque MSA as a Percent of U.S. and New Mexico 2010-2014



Total employment in the Albuquerque MSA in 2014 was 487,905. Total employment in the Albuquerque MSA increased by 1.11 percent between 2010 and 2014—a rate of growth lower than that

of the state which experienced an increase 2.20 percent and the nation, which experienced an increase of 7.38 percent. The Albuquerque MSA employment to population ratio was 0.54 in 2014, while New Mexico's employment to population ratio was 0.52 and the nation's ratio was 0.58.

The private sector employed 81.48 percent of all workers in the Albuquerque MSA in 2014, while government and government enterprises accounted for 17.65 percent, and farm employment accounted for 0.88 percent of the total. The industries with the highest percentages of total employment included: Retail trade (10.53 percent of total employment), and Construction (5.66 percent). State and Local government were the largest employers in the public sector, at 5.27 percent and 8.25 percent of total employment, respectively. Compared to Federal/civilian and military employment accounted for 2.94 percent and 1.18 percent of the total, respectively. Albuquerque MSA employment by sector is displayed in Table 1.

Basic and Non-Basic Industries in the Albuquerque MSA

Table 2 contains Location Quotients for the Albuquerque MSA from 2010 to 2014, calculated using data for the United States as the basis of comparison. An LQ greater than 1.0 qualifies an industry for consideration as a basic industry. Industries with LQs very near to 1.0 as well as industries such as local government and construction that typically support the local economy rather than export goods and services outside the region are not included here as basic industries.

The importance of Professional and technical services to the economic base of the Albuquerque MSA is obvious in Table 2, in which those sectors with an LQ greater than 1 have been shaded. The Professional and technical services sector had an LQ of 1.28 in 2012; however, the data for the sector was not disclosed for 2013 to 2014. The high LQs in the previous years are in part due to the large employment base of Sandia National Laboratory, a government-owned and contractor-operated technical laboratory located in southeast Albuquerque.

The Information sector should also be considered a basic economic industry in the Albuquerque MSA, with an LQ of 1.14 in 2014, with LQs greater than 1.10 in all previous years. This LQ is largely due to the employment base of Intel Corporation, located in Rio Rancho, a large technological manufacturing and innovation firm which employs many information workers.

Accommodation and food services, with an LQ of 1.07 in 2012 and its LQs exceeding 1.06 between 2010 and 2012 as well as was considered a basic economic sector within the Albuquerque MSA in 2012. These consistently high LQs reflect the large tourism base of Albuquerque and surrounding areas. However, the data was not disclosed from 2013 to 2014, therefore will not be considered a basic

industry for 2014. Other sectors with LQs above 1.0 in 2014 include: Construction (1.09), and Retail trade (1.05). Nevertheless, these industries in the Albuquerque MSA are probably best viewed as non-basic or support industries.

The entry labeled government and government enterprises is not a separate industry but merely the sum of the other government categories. In 2014, all of the government sector's LQs were substantially greater than 1.0. In 2014, military and federal/civilian employment had LQs of 1.11 and 1.96, respectively, and both are considered basic industries for Albuquerque MSA. These LQs partly reflect the level of employment base of Kirtland Air Force base, located in southeastern Albuquerque. Sandia National Laboratories, National Security Initiatives, and Federally Funded Research and Development Center (FFRDC) also contribute to federal/civilian employment.

State government employment had an LQ of 1.86 in 2014 and LQs exceeding 1.70 in all years considered, due to the large employment base of the University of New Mexico, located in downtown Albuquerque, which exports research and educational services, as well as the Central New Mexico Correctional Facility (CNMCF) in Los Lunas, one of the largest local employers in Valencia County. Hence, state government is considered a basic economic sector in the Albuquerque MSA as well.

Local government is generally categorized as non-basic given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for the Albuquerque MSA will be considered a non-basic industry.

In brief, the data and analysis suggest that the following industries should be considered basic industries in the Albuquerque MSA:

1. Information, accounted for 9,870 jobs.
2. Federal government employment, including 14,340 federal/civilian jobs and 5,775 military jobs and, accounted for a total of 20,115 jobs.
3. State government employment, accounted for 25,731 jobs.

It is common in economic base studies to calculate what is known as an export-base multiplier. This multiplier is obtained by dividing total employment by basic sector employment. In the case of the Albuquerque MSA, the multiplier is 8.76 (487,905/ 55,716). This ratio suggests that the addition of each basic sector job in the Albuquerque MSA would be associated with an additional 8.76 non-basic sector jobs. Caution in the interpretation of this multiplier is appropriate, as this ratio may or may not apply in future years.

The export base multiplier (8.76) calculated above reinforces the importance of basic (exporting) industries to the Albuquerque MSA economy. 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 in the context of the development of a community economic development plan.

Changes from Prior Year

This document has been revised to reflect 2014 data. The Bureau of Economic Analysis (www.bea.gov) recently updated employment, per capita personal income for the nation, the State of New Mexico, and New Mexico Counties along with recently released population estimates from the U.S. Census Bureau were accounted for in the 2014 Base Study Report revisions. Population in the Albuquerque MSA increased 0.14 percent from 903,345 in 2013 to 904,587 in 2014 (U.S. Census Bureau, 2015). Per capita personal income increased by 4.08 percent from \$35,881 in 2013 to \$37,345 in 2014. The data for Professional, scientific, and technical services, and Accommodation and food services were not disclosed in 2014, so they were not considered basic industries for 2014.

Tables 1 to 6 appear on pages 7-16

Table 1: Albuquerque MSA Employment by Industry 2010-2014					
Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	389134	387050	386594	389059	392094
Proprietors employment	93431	94799	94449	94540	95811
Farm proprietors employment	3029	3445	3712	3729	3716
Nonfarm proprietors employment 2/	90402	91354	90737	90811	92095
By industry					
Farm employment	3521	3967	4283	4361	4274
Nonfarm employment	479044	477882	476760	479238	483631
Private nonfarm employment	390231	389612	389570	392440	397530
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	568
Mining	1,557	1,315	1,828	(D)	2156
Utilities	(D)	886	(D)	(D)	(D)
Construction	28920	27417	26480	27168	27608
Manufacturing	19453	19864	20045	19850	19172
Wholesale trade	14887	14132	14141	14027	14257
Retail trade	50162	50463	50309	50871	51370
Transportation and warehousing	10,295	10,628	10,783	(D)	(D)
Information	10,675	10,295	10582	10136	9870
Finance and insurance	19,028	19173	18723	18455	19081
Real estate and rental and leasing	20,711	20510	19893	19792	19721
Professional, scientific, and technical services	42,592	42,323	41,880	(D)	(D)
Management of companies and enterprises	3478	3650	3654	3665	3667
Administrative and waste management services	31,945	32,023	31,015	(D)	(D)
Educational services	9492	9113	8736	(D)	9414
Health care and social assistance	53764	54938	53957	(D)	58492
Arts, entertainment, and recreation	10,233	10,279	11,005	(D)	(D)
Accommodation and food services	35,494	35,824	36,394	(D)	(D)
Other services, except public administration	24142	24968	24807	24532	25181
Government and government enterprises	88813	88270	87190	86798	86101
Federal, civilian	15893	15744	15234	14634	14340
Military	5970	6127	6182	6072	5775
State and local	66950	66399	65774	66092	65986
State government	25142	24795	24800	25283	25731
Local government	41808	41604	40974	40809	40255
Total employment	482565	481849	481043	483599	487905

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

Table 2: Location Quotients for Albuquerque MSA (US Base) 2010-2014					
US Base	2010	2011	2012	2013	2014
By type					
Wage and salary employment	1.03	1.03	1.03	1.03	1.03
Proprietors employment	0.89	0.89	0.89	0.88	0.89
Farm proprietors employment	0.58	0.67	0.75	0.76	0.77
Nonfarm proprietors employment	0.91	0.90	0.90	0.89	0.90
By industry					
Farm employment	0.48	0.55	0.61	0.62	0.62
Nonfarm employment	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	0.96	0.95	0.95	0.95	0.95
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	0.23
Mining	0.44	0.39	0.44	N/A	0.49
Utilities	N/A	0.56	N/A	N/A	N/A
Construction	1.18	1.14	1.10	1.11	1.09
Manufacturing	0.58	0.59	0.59	0.59	0.56
Wholesale trade	0.89	0.84	0.84	0.83	0.85
Retail trade	1.02	1.03	1.04	1.04	1.05
Transportation and warehousing	0.67	0.68	0.68	N/A	N/A
Information	1.19	1.17	1.22	1.17	1.14
Finance and insurance	0.74	0.72	0.72	0.71	0.74
Real estate and rental and leasing	0.96	0.95	0.94	0.93	0.92
Professional, scientific, and technical services	1.30	1.29	1.28	N/A	N/A
Management of companies and enterprises	0.62	0.64	0.62	0.61	0.60
Administrative and waste management services	1.10	1.09	1.05	N/A	N/A
Educational services	0.83	0.81	0.77	N/A	0.81
Health care and social assistance	1.01	1.04	1.00	N/A	1.07
Arts, entertainment, and recreation	0.97	0.97	1.03	N/A	N/A
Accommodation and food services	1.06	1.06	1.07	N/A	N/A
Other services, except public administration	0.89	0.89	0.89	0.88	0.88
Government and government enterprises	1.29	1.33	1.35	1.36	1.36
Federal, civilian	1.88	1.97	1.97	1.95	1.96
Military	1.02	1.08	1.12	1.13	1.11
State and local	1.23	1.26	1.28	1.30	1.30
State government	1.70	1.72	1.76	1.81	1.86
Local government	1.05	1.09	1.10	1.11	1.10
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: Location Quotients for Albuquerque MSA (NM Base) 2010-2014

	2010	2011	2012	2013	2014
NM Based					
By type					
Wage and salary employment	1.02	1.02	1.02	1.02	1.02
Proprietors employment	0.92	0.92	0.93	0.93	0.93
Farm proprietors employment	0.35	0.37	0.38	0.38	0.38
Nonfarm proprietors employment	0.98	0.98	0.98	0.98	0.98
By industry					
Farm employment	0.30	0.32	0.33	0.33	0.34
Nonfarm employment	1.02	1.02	1.02	1.02	1.02
Private nonfarm employment	1.05	1.05	1.05	1.05	1.04
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	0.22
Mining	0.13	0.10	0.12	N/A	0.12
Utilities	N/A	0.43	N/A	N/A	N/A
Construction	1.04	1.02	1.01	1.02	1.02
Manufacturing	1.24	1.23	1.25	1.24	1.22
Wholesale trade	1.22	1.18	1.20	1.19	1.21
Retail trade	1.00	1.00	1.00	1.00	1.00
Transportation and warehousing	0.97	0.97	0.94	N/A	N/A
Information	1.37	1.38	1.42	1.40	1.41
Finance and insurance	1.21	1.19	1.18	1.18	1.20
Real estate and rental and leasing	1.14	1.14	1.15	1.14	1.13
Professional, scientific, and technical services	1.19	1.21	1.22	N/A	N/A
Management of companies and enterprises	1.41	1.46	1.48	1.48	1.48
Administrative and waste management services	1.29	1.29	1.29	N/A	N/A
Educational services	1.25	1.24	1.20	N/A	1.24
Health care and social assistance	0.99	1.00	0.97	N/A	1.04
Arts, entertainment, and recreation	0.98	0.99	1.03	N/A	N/A
Accommodation and food services	0.96	0.96	0.97	N/A	N/A
Other services, except public administration	0.99	1.00	1.01	1.01	1.01
Government and government enterprises	0.90	0.91	0.91	0.91	0.91
Federal, civilian	1.03	1.07	1.07	1.07	1.08
Military	0.76	0.75	0.75	0.73	0.73
State and local	0.88	0.90	0.90	0.90	0.91
State government	0.91	0.94	0.96	0.97	0.98
Local government	0.86	0.88	0.87	0.87	0.86
Total employment	1.0	1.0	1.0	1.00	1.00

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

Table 4: Albuquerque MSA, Total Employment by Industry 2014		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	392,094	80.36
Proprietors employment	95,811	19.64
Farm proprietors employment	3,716	0.76
Nonfarm proprietors employment	92,095	18.88
By industry		
Farm employment	4,274	0.88
Nonfarm employment	483,631	99.12
Private nonfarm employment	397,530	81.48
Forestry, fishing, and related activities	568	0.12
Mining	2,156	0.44
Utilities	(D)	N/A
Construction	27,608	5.66
Manufacturing	19,172	3.93
Wholesale trade	14,257	2.92
Retail trade	51,370	10.53
Transportation and warehousing	(D)	N/A
Information	9,870	2.02
Finance and insurance	19,081	3.91
Real estate and rental and leasing	19,721	4.04
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	3,667	0.75
Administrative and waste management services	(D)	N/A
Educational services	9,414	1.93
Health care and social assistance	58,492	11.99
Arts, entertainment, and recreation	(D)	N/A
Accommodation and food services	(D)	N/A
Other services, except public administration	25,181	5.16
Government and government enterprises	86,101	17.65
Federal, civilian	14,340	2.94
Military	5,775	1.18
State and local	65,986	13.52
State government	25,731	5.27
Local government	40,255	8.25
Total employment	487,905	100.00

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

Table 5: New Mexico Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	837,320	837,281	839,789	846,885	853,031
Proprietors employment	222,287	226,512	226,191	226,600	229,851
Farm proprietors employment	19,083	20,715	21,436	21,547	21,470
Nonfarm proprietors employment 2/	203,204	205,797	204,755	205,053	208,381
By industry					
Farm employment	25,630	27,323	28,370	29,218	28,250
Nonfarm employment	1,033,977	1,036,470	1,037,610	1,044,267	1,054,632
Private nonfarm employment	816,542	822,659	825,711	833,413	845,765
Forestry, fishing, and related activities	5,215	5,237	5,149	5,260	5,641
Mining	27,022	28,356	34,227	36,850	39,435
Utilities	4,565	4,508	4,542	4,623	4,612
Construction	61,238	59,293	57,937	59,216	59,945
Manufacturing	34,537	35,613	35,664	35,444	34,774
Wholesale trade	26,801	26,373	26,083	26,136	26,159
Retail trade	110,226	111,331	111,668	112,557	113,598
Transportation and warehousing	23,351	24,281	25,294	25,408	26,133
Information	17,114	16,469	16,468	16,070	15,567
Finance and insurance	34,550	35,451	35,046	34,666	35,153
Real estate and rental and leasing	39,916	39,833	38,412	38,437	38,678
Professional, scientific, and technical services	78,331	77,473	76,057	75,807	76,505
Management of companies and enterprises	5,406	5,504	5,457	5,514	5,504
Administrative and waste management services	54,266	54,742	53,383	54,572	54,708
Educational services	16,734	16,208	16,094	16,326	16,855
Health care and social assistance	119,378	121,489	123,078	123,434	125,250
Arts, entertainment, and recreation	22,981	23,007	23,586	23,621	23,803
Accommodation and food services	81,122	82,309	83,126	85,409	87,918
Other services, except public administration	53,789	55,182	54,440	54,063	55,527
Government and government enterprises	217,435	213,811	211,899	210,854	208,867
Federal, civilian	33,728	32,611	31,631	30,389	29,538
Military	17,136	18,057	18,178	18,350	17,563
State and local	166,571	163,143	162,090	162,115	161,766
State government	60,408	58,306	57,523	57,775	58,152
Local government	106,163	104,837	104,567	104,340	103,614
Total employment	1,059,607	1,063,793	1,065,980	1,073,485	1,082,882

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

Table 6: United States Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	135,526,000	137,105,000	139,721,000	141,997,000	144,891,000
Proprietors employment	37,508,700	39,173,700	39,360,700	40,393,100	40,907,800
Farm proprietors employment	1,882,000	1,876,000	1,844,000	1,856,000	1,841,000
Nonfarm proprietors employment	35,626,700	37,297,700	37,516,700	38,537,100	39,066,800
By industry					
Farm employment	2,636,000	2,639,000	2,623,000	2,646,000	2,643,000
Nonfarm employment	170,398,700	173,639,700	176,458,700	179,744,100	183,155,800
Private nonfarm employment	145,726,700	149,350,700	152,356,700	155,707,100	159,125,800
Forestry, fishing, and related activities	855,400	860,600	886,400	913,100	937,000
Mining	1,268,000	1,244,000	1,551,200	1,605,000	1,692,000
Utilities	582,200	575,500	577,600	578,300	582,400
Construction	8,793,700	8,774,800	8,944,800	9,260,800	9,610,400
Manufacturing	12,102,900	12,385,700	12,605,200	12,765,200	12,993,400
Wholesale trade	6,024,000	6,160,300	6,243,500	6,342,100	6,419,700
Retail trade	17,591,600	17,954,300	18,085,800	18,391,100	18,710,900
Transportation and warehousing	5,474,200	5,684,800	5,872,400	6,004,800	6,225,000
Information	3,222,600	3,230,000	3,224,700	3,266,600	3,302,000
Finance and insurance	9,202,400	9,751,500	9,702,300	9,817,300	9,833,100
Real estate and rental and leasing	7,697,000	7,936,300	7,859,200	8,062,800	8,135,100
Professional, scientific, and technical services	11,755,800	11,970,100	12,211,200	12,540,300	12,822,700
Management of companies and enterprises	2,019,400	2,080,600	2,180,200	2,264,000	2,336,000
Administrative and waste management services	10,402,200	10,753,600	11,035,400	11,380,900	11,734,900
Educational services	4,089,900	4,122,600	4,198,200	4,325,100	4,439,000
Health care and social assistance	19,089,900	19,417,200	20,112,500	20,486,200	20,832,900
Arts, entertainment, and recreation	3,788,400	3,873,300	3,980,900	4,048,800	4,149,400
Accommodation and food services	11,986,300	12,343,400	12,670,500	13,103,200	13,476,300
Other services, except public administration	9,780,800	10,232,100	10,414,700	10,551,500	10,893,600
Government and government enterprises	24,672,000	24,289,000	24,102,000	24,037,000	24,030,000
Federal, civilian	3,035,000	2,918,000	2,875,000	2,825,000	2,790,000
Military	2,100,000	2,081,000	2,056,000	2,032,000	1,982,000
State and local	19,537,000	19,290,000	19,171,000	19,180,000	19,258,000
State government	5,293,000	5,266,000	5,254,000	5,263,000	5,280,000
Local government	14,244,000	14,024,000	13,917,000	13,917,000	13,978,000
Total employment	173,034,700	176,278,700	179,081,700	182,390,100	185,798,800

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

Table 7: Albuquerque MSA, New Mexico and United States Percent of Employment by Industry 2014			
	United States	New Mexico	Albuquerque MSA
By type			
Wage and salary employment	77.98	78.77	80.36
Proprietors employment	22.02	21.23	19.64
Farm proprietors employment	0.99	1.98	0.76
Nonfarm proprietors employment	21.03	19.24	18.88
By industry			
Farm employment	1.42	2.61	0.88
Nonfarm employment	98.58	97.39	99.12
Private nonfarm employment	85.64	78.10	81.48
Forestry, fishing, and related activities	0.50	0.52	0.12
Mining	0.91	3.64	0.44
Utilities	0.31	0.43	N/A
Construction	5.17	5.54	5.66
Manufacturing	6.99	3.21	3.93
Wholesale trade	3.46	2.42	2.92
Retail trade	10.07	10.49	10.53
Transportation and warehousing	3.35	2.41	N/A
Information	1.78	1.44	2.02
Finance and insurance	5.29	3.25	3.91
Real estate and rental and leasing	4.38	3.57	4.04
Professional, scientific, and technical services	6.90	7.06	N/A
Management of companies and enterprises	1.26	0.51	0.75
Administrative and waste management services	6.32	5.05	N/A
Educational services	2.39	1.56	1.93
Health care and social assistance	11.21	11.57	11.99
Arts, entertainment, and recreation	2.23	2.20	N/A
Accommodation and food services	7.25	8.12	N/A
Other services, except public administration	5.86	5.13	5.16
Government and government enterprises	12.93	19.29	17.65
Federal, civilian	1.50	2.73	2.94
Military	1.07	1.62	1.18
State and local	10.36	14.94	13.52
State government	2.84	5.37	5.27
Local government	7.52	9.57	8.25
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: Albuquerque MSA Percent of Employment by Sectors 2010-2014					
Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	80.64	80.33	80.37	80.45	80.36
Proprietors employment	19.36	19.67	19.63	19.55	19.64
Farm proprietors employment	0.63	0.71	0.77	0.77	0.76
Nonfarm proprietors employment	18.73	18.96	18.86	18.78	18.88
By industry					
Farm employment	0.73	0.82	0.89	0.90	0.88
Nonfarm employment	99.27	99.18	99.11	99.10	99.12
Private nonfarm employment	80.87	80.86	80.98	81.15	81.48
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	0.12
Mining	0.32	0.27	0.38	N/A	0.44
Utilities	N/A	0.18	N/A	N/A	N/A
Construction	5.99	5.69	5.50	5.62	5.66
Manufacturing	4.03	4.12	4.17	4.10	3.93
Wholesale trade	3.08	2.93	2.94	2.90	2.92
Retail trade	10.39	10.47	10.46	10.52	10.53
Transportation and warehousing	2.13	2.21	2.24	N/A	N/A
Information	2.21	2.14	2.20	2.10	2.02
Finance and insurance	3.94	3.98	3.89	3.82	3.91
Real estate and rental and leasing	4.29	4.26	4.14	4.09	4.04
Professional, scientific, and technical services	8.83	8.78	8.71	N/A	N/A
Management of companies and enterprises	0.72	0.76	0.76	0.76	0.75
Administrative and waste management services	6.62	6.65	6.45	N/A	N/A
Educational services	1.97	1.89	1.82	N/A	1.93
Health care and social assistance	11.14	11.40	11.22	N/A	11.99
Arts, entertainment, and recreation	2.12	2.13	2.29	N/A	N/A
Accommodation and food services	7.36	7.43	7.57	N/A	N/A
Other services, except public administration	5.00	5.18	5.16	5.07	5.16
Government and government enterprises	18.40	18.32	18.13	17.95	17.65
Federal, civilian	3.29	3.27	3.17	3.03	2.94
Military	1.24	1.27	1.29	1.26	1.18
State and local	13.87	13.78	13.67	13.67	13.52
State government	5.21	5.15	5.16	5.23	5.27
Local government	8.66	8.63	8.52	8.44	8.25
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

Table 9: New Mexico Percent of Employment by Industry 2010 - 2014

Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	79.02	78.71	78.78	78.89	78.77
Proprietors employment	20.98	21.29	21.22	21.11	21.23
Farm proprietors employment	1.80	1.95	2.01	2.01	1.98
Nonfarm proprietors employment	19.18	19.35	19.21	19.10	19.24
By industry					
Farm employment	2.42	2.57	2.66	2.72	2.61
Nonfarm employment	97.58	97.43	97.34	97.28	97.39
Private nonfarm employment	77.06	77.33	77.46	77.64	78.10
Forestry, fishing, and related activities	0.49	0.49	0.48	0.49	0.52
Mining	2.55	2.67	3.21	3.43	3.64
Utilities	0.43	0.42	0.43	0.43	0.43
Construction	5.78	5.57	5.44	5.52	5.54
Manufacturing	3.26	3.35	3.35	3.30	3.21
Wholesale trade	2.53	2.48	2.45	2.43	2.42
Retail trade	10.40	10.47	10.48	10.49	10.49
Transportation and warehousing	2.20	2.28	2.37	2.37	2.41
Information	1.62	1.55	1.54	1.50	1.44
Finance and insurance	3.26	3.33	3.29	3.23	3.25
Real estate and rental and leasing	3.77	3.74	3.60	3.58	3.57
Professional, scientific, and technical services	7.39	7.28	7.13	7.06	7.06
Management of companies and enterprises	0.51	0.52	0.51	0.51	0.51
Administrative and waste management services	5.12	5.15	5.01	5.08	5.05
Educational services	1.58	1.52	1.51	1.52	1.56
Health care and social assistance	11.27	11.42	11.55	11.50	11.57
Arts, entertainment, and recreation	2.17	2.16	2.21	2.20	2.20
Accommodation and food services	7.66	7.74	7.80	7.96	8.12
Other services, except public administration	5.08	5.19	5.11	5.04	5.13
Government and government enterprises	20.52	20.10	19.88	19.64	19.29
Federal, civilian	3.18	3.07	2.97	2.83	2.73
Military	1.62	1.70	1.71	1.71	1.62
State and local	15.72	15.34	15.21	15.10	14.94
State government	5.70	5.48	5.40	5.38	5.37
Local government	10.02	9.86	9.81	9.72	9.57
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 2010 - 2014					
Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	78.32	77.78	78.02	77.85	77.98
Proprietors employment	21.68	22.22	21.98	22.15	22.02
Farm proprietors employment	1.09	1.06	1.03	1.02	0.99
Nonfarm proprietors employment	20.59	21.16	20.95	21.13	21.03
By industry					
Farm employment	1.52	1.50	1.46	1.45	1.42
Nonfarm employment	98.48	98.50	98.54	98.55	98.58
Private nonfarm employment	84.22	84.72	85.08	85.37	85.64
Forestry, fishing, and related activities	0.49	0.49	0.49	0.50	0.50
Mining	0.73	0.71	0.87	0.88	0.91
Utilities	0.34	0.33	0.32	0.32	0.31
Construction	5.08	4.98	4.99	5.08	5.17
Manufacturing	6.99	7.03	7.04	7.00	6.99
Wholesale trade	3.48	3.49	3.49	3.48	3.46
Retail trade	10.17	10.19	10.10	10.08	10.07
Transportation and warehousing	3.16	3.22	3.28	3.29	3.35
Information	1.86	1.83	1.80	1.79	1.78
Finance and insurance	5.32	5.53	5.42	5.38	5.29
Real estate and rental and leasing	4.45	4.50	4.39	4.42	4.38
Professional, scientific, and technical services	6.79	6.79	6.82	6.88	6.90
Management of companies and enterprises	1.17	1.18	1.22	1.24	1.26
Administrative and waste management services	6.01	6.10	6.16	6.24	6.32
Educational services	2.36	2.34	2.34	2.37	2.39
Health care and social assistance	11.03	11.02	11.23	11.23	11.21
Arts, entertainment, and recreation	2.19	2.20	2.22	2.22	2.23
Accommodation and food services	6.93	7.00	7.08	7.18	7.25
Other services, except public administration	5.65	5.80	5.82	5.79	5.86
Government and government enterprises	14.26	13.78	13.46	13.18	12.93
Federal, civilian	1.75	1.66	1.61	1.55	1.50
Military	1.21	1.18	1.15	1.11	1.07
State and local	11.29	10.94	10.71	10.52	10.36
State government	3.06	2.99	2.93	2.89	2.84
Local government	8.23	7.96	7.77	7.63	7.52
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