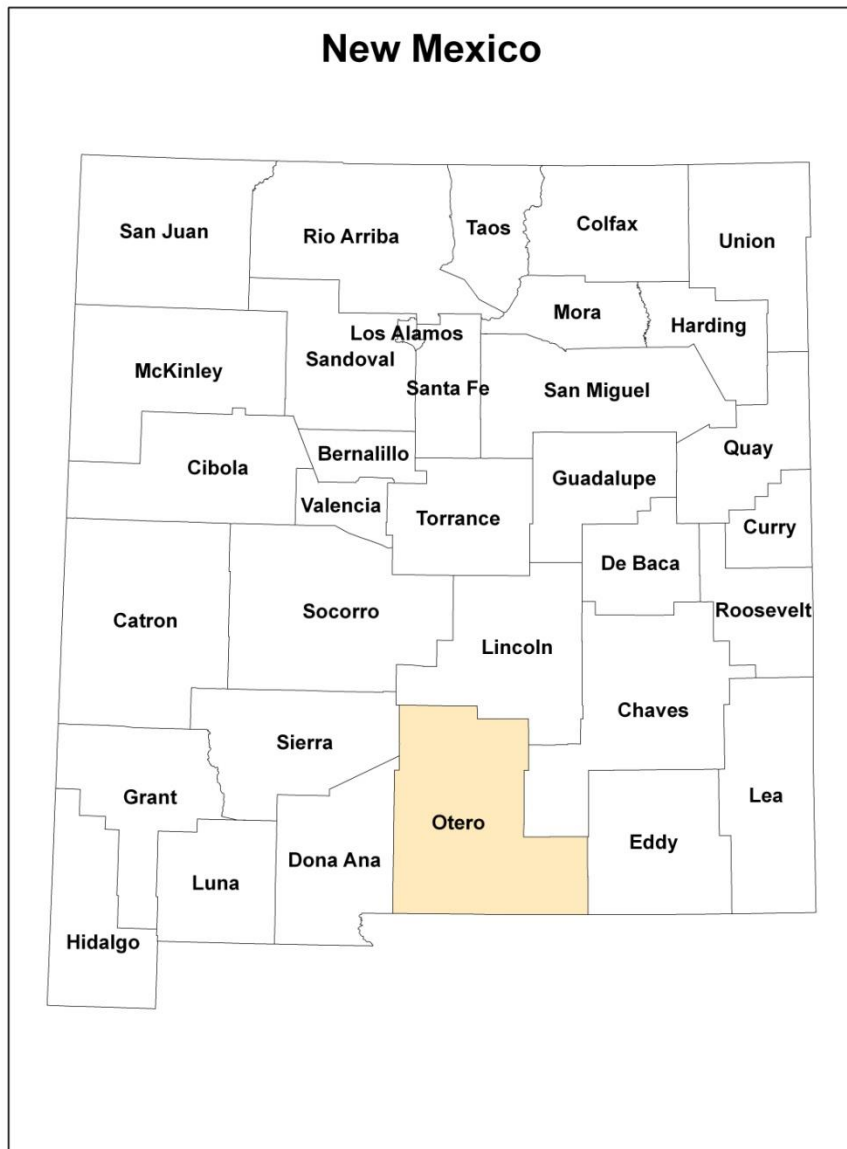




The Economic Base of Otero County, NM

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

DATE: July 2016



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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 the 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 assist local and regional businesses to 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. The economic base 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:

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

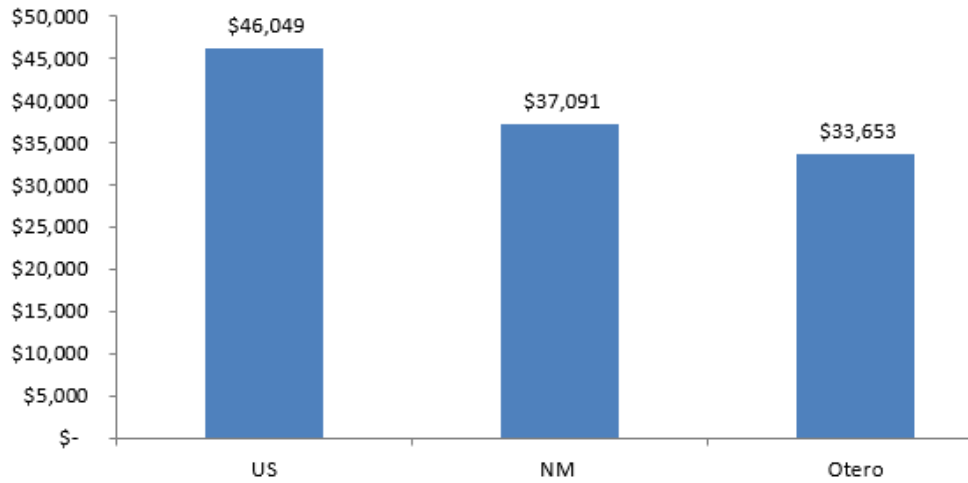
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, an LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see <http://arrowheadcenter.nmsu.edu/wp-content/uploads/2015/06/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated and analyzed for the industries within Otero County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). For the purposes of 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 are available and the four years preceding (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.

Otero County, New Mexico

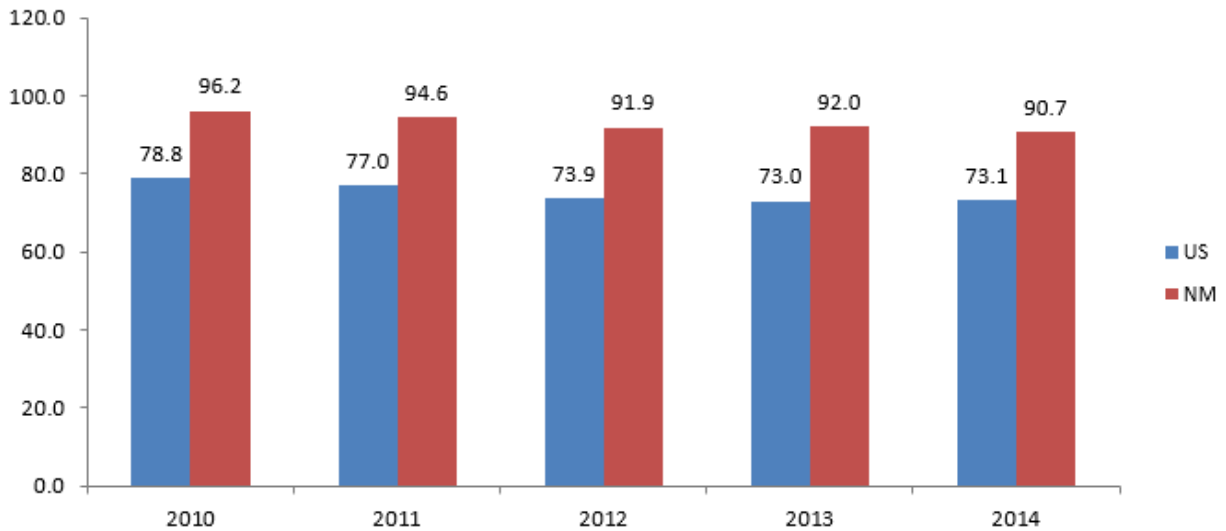
Otero County is located in south central New Mexico and is the 3rd largest county in terms of land area in the state, with 6,613.21 square miles. Otero County represents 5.45 percent of the land area in the state of New Mexico. The population of Otero County in 2014 was 65,082, 3.12 percent of the state total, and ranked 10th in the state in terms of population. Alamogordo, with a population of 31,224 in 2014, represented 47.97 percent of the total population for Otero County. Between 2010 and 2014, the population of Otero County increased by 1.07 percent. During the same period, New Mexico's population increased by 1.0 percent and the United States' population increased by 3.07 percent.

Figure 1. Per Capita Personal Income 2014



Per capita income for Otero County in 2014 was \$33,653, ranking 19th in the state in terms of per capita income. Per capita income for Otero County in 2014 was 90.7 percent of the state average (\$37,091) and 73.1 percent of the national average (\$46,049) (See Figures 1 and 2). The percent growth of per capita income in Otero County between 2010 and 2014 of 5.97 percent was significantly less than the state (12.33 percent) and the nation (14.33 percent).

Figure 2: Per Capita Income of Otero County as Percent of U.S. and New Mexico, 2010-2014



Total employment in Otero County was 28,221 in 2014. Between 2010 and 2014, total employment in Otero County decreased by 3.83 percent, compared to the statewide and nationwide employment increase of 2.20 percent and 7.38 percent, respectively. Otero County's employment-to-population ratio was 0.43 compared to the state ratio (0.52) and the national ratio (0.58). This ratio represents a low rate of the population being employed.

In 2014, 61.09 of all workers in Otero County were employed in the Private sector, while 1.85 percent worked in Farm employment, and 37.05 percent were employed in Government and government enterprises. Within the private sector, the industries with the highest percentages of total employment included: Retail trade (10.26 percent), Health care and social assistance (9.59), Accommodation and food service (6.55), and Construction (5.64). In the public sector, Military and Local government were the largest employers. Military employed 14.91 percent of the total employment and Local Government employed 13.15 percent of total employment. Federal/civilian employed 6.05 percent and State government employed 2.95 percent. Employment for Otero County by sector is displayed in Table 3.

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

Table 1 contains LQs for Otero County from 2010 to 2014 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Otero County from 2010 to 2014 calculated with respect to the state of New Mexico. For the purposes of this report, an LQ greater than 1.0 with respect to the U.S. employment is considered as a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

The great relevance of the government sector to the economic base of Otero County is evident by its LQs above 1.0 for all sectors except the state government. Government and government enterprises are the aggregate figure of all government levels listed as government categories. Military had an LQ of 13.98 in 2014 and LQs exceeding 12.96 for all years considered. This reflects the large employment base at Holloman Air Force Base located outside of Alamogordo. Federal/civilian government had an LQ of 4.03 in 2014. The majority of these jobs are also related to Holloman Air Force Base. Federal government, including Military and Federal/civilian employment, are considered as a basic industry in Otero County for 2014. State government had an LQ of 1.04; this sector will not be considered a basic industry for Otero County in 2014 as the LQ has remained at this level or below for all years considered. Local government employment in Otero County had an LQ of 1.75. Even when local government is greater than 1.0, 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 Otero County will be considered as a non-basic industry.

In the private sector, Farm employment is considered a basic industry for Otero County with a LQ of 1.30 in 2014. In 2010, 2011, and 2014 Forestry, fisheries and related activities had a LQ of 1.31 and is considered a basic industry for 2014. Retail trade had a LQ of 1.02 and it is also to be considered a

basic industry for Otero County. The other sectors with LQs above 1.0 in 2014 included Utilities (1.39) and Construction (1.09). However, these sectors in Otero County are considered non-basic or support industries.

The data and analysis suggest that in 2014 the following industries should be considered basic industries in Otero County:

1. Federal government employment, accounted for 4,209 jobs for Military, and 1,706 jobs for Federal/civilian jobs.
2. The Agricultural sector, including Farm employment (523) and Forestry, fishing, and related industries (187), accounted for 710 total jobs.
3. Retail trade, accounted for 2,896 jobs.

It is common in economic base studies to calculate an export-base employment multiplier. This employment multiplier is obtained by dividing total employment by total employment in the basic sectors. In the case of Otero County, the multiplier is equal to 2.96 (28,221 / 9,521). This ratio suggests that the addition of each basic sector job in Otero County would be associated with additional 2.96 non-basic sector jobs. The export base multiplier (2.96) calculated above reinforces the importance of basic (exporting) industries to the economy of Otero County. 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. In the case of Otero County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

Local economic development policy actions such as the creation of industrial parks, tax abatement and financing, and workforce development projects are often used by local communities to expand an area's economic base. The development of a community economic development plan is to include the appropriate combination of policies, which often result from public and private sector interaction.

Summary of Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for the economic data and the U.S. Census for population data. The population for Otero County in 2013 was 65,900 decreasing to 65,082 in 2014, a decrease of 1.24 percent. Per capita personal income for Otero County in 2014 was \$33,653, a 3.71 percent increase from \$32,448 in 2013. Basic industries remain unchanged in 2014.

Tables 1 to 10 appear on pages 6-15.

Table 1: Location Quotients for Otero County (US Base) 2010-2014					
US Base	2010	2011	2012	2013	2014
By type					
Wage and salary employment	1.03	1.04	1.03	1.04	1.03
Proprietors employment	0.89	0.86	0.88	0.85	0.89
Farm proprietors employment	1.26	1.35	1.41	1.44	1.51
Nonfarm proprietors employment	0.87	0.84	0.85	0.82	0.86
By industry					
Farm employment	1.14	1.19	1.24	1.28	1.30
Nonfarm employment	1.00	1.00	1.00	1.00	1.00
Private nonfarm employment	0.72	0.71	0.71	0.70	0.71
Forestry, fishing, and related activities	1.49	1.51	N/A	N/A	1.31
Mining	0.87	0.58	0.72	N/A	0.80
Utilities	1.21	1.26	1.30	1.35	1.39
Construction	1.18	1.11	1.05	1.04	1.09
Manufacturing	0.16	0.14	0.15	0.16	0.15
Wholesale trade	0.27	0.27	0.29	0.29	0.25
Retail trade	0.99	0.99	1.02	1.00	1.02
Transportation and warehousing	0.58	0.50	0.49	0.50	0.50
Information	0.55	0.56	0.61	0.60	0.58
Finance and insurance	0.40	0.40	0.44	0.43	0.45
Real estate and rental and leasing	0.74	0.73	0.72	0.68	0.70
Professional, scientific, and technical services	0.59	0.57	N/A	0.66	0.64
Management of companies and enterprises	N/A	N/A	N/A	0.07	0.06
Administrative and waste management services	N/A	N/A	0.87	0.92	0.94
Educational services	0.36	0.42	0.50	0.37	0.34
Health care and social assistance	0.87	0.92	0.87	0.83	0.86
Arts, entertainment, and recreation	0.51	0.49	0.46	0.43	0.43
Accommodation and food services	0.88	0.90	0.93	0.91	0.90
Other services, except public administration	0.84	0.86	0.88	0.84	0.85
Government and government enterprises	2.65	2.77	2.79	2.88	2.86
Federal, civilian	3.90	4.18	4.13	4.12	4.03
Military	12.96	13.76	13.74	14.09	13.98
State and local	1.35	1.37	1.42	1.51	1.55
State government	1.00	0.98	0.99	1.00	1.04
Local government	1.48	1.51	1.58	1.70	1.75
Total employment	1.00	1.00	1.00	1.00	1.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

Table 2: Location Quotients for Otero County (NM Base) 2010-2014					
NM Based	2010	2011	2012	2013	2014
By type					
Wage and salary employment	1.02	1.03	1.02	1.02	1.02
Proprietors employment	0.92	0.90	0.91	0.89	0.92
Farm proprietors employment	0.76	0.74	0.72	0.79	0.75
Nonfarm proprietors employment	0.93	0.92	0.93	0.90	0.94
By industry					
Farm employment	0.72	0.69	0.68	0.75	0.71
Nonfarm employment	1.01	1.01	1.01	1.01	1.01
Private nonfarm employment	0.78	0.78	0.78	0.78	0.78
Forestry, fishing, and related activities	1.50	1.50	N/A	N/A	1.27
Mining	0.25	0.15	0.19	N/A	0.20
Utilities	0.94	0.97	0.98	1.00	1.02
Construction	1.04	0.99	0.96	0.95	1.02
Manufacturing	0.34	0.29	0.32	0.33	0.32
Wholesale trade	0.37	0.39	0.41	0.41	0.36
Retail trade	0.97	0.97	0.98	0.97	0.98
Transportation and warehousing	0.84	0.70	0.67	0.71	0.69
Information	0.64	0.66	0.72	0.70	0.72
Finance and insurance	0.66	0.66	0.73	0.71	0.73
Real estate and rental and leasing	0.87	0.88	0.88	0.79	0.86
Professional, scientific, and technical services	0.54	0.53	N/A	0.61	0.62
Management of companies and enterprises	N/A	N/A	N/A	0.16	0.14
Administrative and waste management services	N/A	N/A	1.07	1.10	1.18
Educational services	0.53	0.64	0.78	0.54	0.52
Health care and social assistance	0.85	0.88	0.85	0.82	0.83
Arts, entertainment, and recreation	0.51	0.50	0.47	0.43	0.44
Accommodation and food services	0.80	0.81	0.85	0.85	0.81
Other services, except public administration	0.94	0.96	1.00	1.01	0.98
Government and government enterprises	1.84	1.90	1.89	1.89	1.92
Federal, civilian	2.15	2.26	2.23	2.09	2.22
Military	9.72	9.57	9.25	9.20	9.20
State and local	0.97	0.97	1.00	1.04	1.08
State government	0.54	0.54	0.54	0.53	0.55
Local government	1.22	1.22	1.25	1.32	1.37
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: Otero County Total Employment by Industry 2014		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	22,713	80.48
Proprietors employment	5,508	19.52
Farm proprietors employment	422	1.50
Nonfarm proprietors employment	5,086	18.02
By industry		
Farm employment	523	1.85
Nonfarm employment	27,698	98.15
Private nonfarm employment	17,241	61.09
Forestry, fishing, and related activities	187	0.66
Mining	205	0.73
Utilities	123	0.44
Construction	1,591	5.64
Manufacturing	293	1.04
Wholesale trade	244	0.86
Retail trade	2,896	10.26
Transportation and warehousing	471	1.67
Information	293	1.04
Finance and insurance	667	2.36
Real estate and rental and leasing	868	3.08
Professional, scientific, and technical services	1,241	4.40
Management of companies and enterprises	20	0.07
Administrative and waste management services	1,678	5.95
Educational services	228	0.81
Health care and social assistance	2,707	9.59
Arts, entertainment, and recreation	270	0.96
Accommodation and food services	1,848	6.55
Other services, except public administration	1,411	5.00
Government and government enterprises	10,457	37.05
Federal, civilian	1,706	6.05
Military	4,209	14.91
State and local	4,542	16.09
State government	832	2.95
Local government	3,710	13.15
Total employment	28,221	100.00

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

Table 4: Otero County Employment by Industry 2010-2014

Number of jobs by industry	2010	2011	2012	2013	2014
By type					
Wage and salary employment	23,689	23,753	23,329	23,397	22,713
Proprietors employment	5,655	5,642	5,593	5,441	5,508
Farm proprietors employment	402	421	421	423	422
Nonfarm proprietors employment 2/	5,253	5,221	5,172	5,018	5,086
By industry					
Farm employment	508	523	524	537	523
Nonfarm employment	28,836	28,872	28,398	28,301	27,698
Private nonfarm employment	17,733	17,671	17,529	17,353	17,241
Forestry, fishing, and related activities	216	217	(D)	(D)	187
Mining	188	121	180	(D)	205
Utilities	119	121	121	123	123
Construction	1,765	1,624	1,510	1,529	1,591
Manufacturing	322	284	306	317	293
Wholesale trade	274	282	290	291	244
Retail trade	2,964	2,976	2,982	2,910	2,896
Transportation and warehousing	543	470	460	472	471
Information	303	302	320	308	293
Finance and insurance	631	646	694	673	667
Real estate and rental and leasing	965	972	912	863	868
Professional, scientific, and technical services	1,180	1,144	(D)	1,306	1,241
Management of companies and enterprises	(D)	(D)	(D)	24	20
Administrative and waste management services	(D)	(D)	1,544	1,660	1,678
Educational services	247	287	340	256	228
Health care and social assistance	2,816	2,968	2,834	2,689	2,707
Arts, entertainment, and recreation	325	316	298	273	270
Accommodation and food services	1,794	1,853	1,913	1,888	1,848
Other services, except public administration	1,393	1,467	1,474	1,396	1,411
Government and government enterprises	11,103	11,201	10,869	10,948	10,457
Federal, civilian	2,006	2,034	1,917	1,841	1,706
Military	4,614	4,776	4,561	4,528	4,209
State and local	4,483	4,391	4,391	4,579	4,542
State government	896	862	841	836	832
Local government	3,587	3,529	3,550	3,743	3,710
Total employment	29,344	29,395	28,922	28,838	28,221

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

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	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 2/	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: Otero County, New Mexico and United States Percent of Employment by Industry 2014			
	United States	New Mexico	Otero County
By type			
Wage and salary employment	77.98	78.77	80.48
Proprietors employment	22.02	21.23	19.52
Farm proprietors employment	0.99	1.98	1.50
Nonfarm proprietors employment	21.03	19.24	18.02
By industry			
Farm employment	1.42	2.61	1.85
Nonfarm employment	98.58	97.39	98.15
Private nonfarm employment	85.64	78.10	61.09
Forestry, fishing, and related activities	0.50	0.52	0.66
Mining	0.91	3.64	0.73
Utilities	0.31	0.43	0.44
Construction	5.17	5.54	5.64
Manufacturing	6.99	3.21	1.04
Wholesale trade	3.46	2.42	0.86
Retail trade	10.07	10.49	10.26
Transportation and warehousing	3.35	2.41	1.67
Information	1.78	1.44	1.04
Finance and insurance	5.29	3.25	2.36
Real estate and rental and leasing	4.38	3.57	3.08
Professional, scientific, and technical services	6.90	7.06	4.40
Management of companies and enterprises	1.26	0.51	0.07
Administrative and waste management services	6.32	5.05	5.95
Educational services	2.39	1.56	0.81
Health care and social assistance	11.21	11.57	9.59
Arts, entertainment, and recreation	2.23	2.20	0.96
Accommodation and food services	7.25	8.12	6.55
Other services, except public administration	5.86	5.13	5.00
Government and government enterprises	12.93	19.29	37.05
Federal, civilian	1.50	2.73	6.05
Military	1.07	1.62	14.91
State and local	10.36	14.94	16.09
State government	2.84	5.37	2.95
Local government	7.52	9.57	13.15
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: Otero County Percent of Employment by Sectors 2010-2014

Description	2010	2011	2012	2013	2014
By type					
Wage and salary employment	80.73	80.81	80.66	81.13	80.48
Proprietors employment	19.27	19.19	19.34	18.87	19.52
Farm proprietors employment	1.37	1.43	1.46	1.47	1.50
Nonfarm proprietors employment	17.90	17.76	17.88	17.40	18.02
By industry					
Farm employment	1.73	1.78	1.81	1.86	1.85
Nonfarm employment	98.27	98.22	98.19	98.14	98.15
Private nonfarm employment	60.43	60.12	60.61	60.17	61.09
Forestry, fishing, and related activities	0.74	0.74	N/A	N/A	0.66
Mining	0.64	0.41	0.62	N/A	0.73
Utilities	0.41	0.41	0.42	0.43	0.44
Construction	6.01	5.52	5.22	5.30	5.64
Manufacturing	1.10	0.97	1.06	1.10	1.04
Wholesale trade	0.93	0.96	1.00	1.01	0.86
Retail trade	10.10	10.12	10.31	10.09	10.26
Transportation and warehousing	1.85	1.60	1.59	1.64	1.67
Information	1.03	1.03	1.11	1.07	1.04
Finance and insurance	2.15	2.20	2.40	2.33	2.36
Real estate and rental and leasing	3.29	3.31	3.15	2.99	3.08
Professional, scientific, and technical services	4.02	3.89	N/A	4.53	4.40
Management of companies and enterprises	N/A	N/A	N/A	0.08	0.07
Administrative and waste management services	N/A	N/A	5.34	5.76	5.95
Educational services	0.84	0.98	1.18	0.89	0.81
Health care and social assistance	9.60	10.10	9.80	9.32	9.59
Arts, entertainment, and recreation	1.11	1.08	1.03	0.95	0.96
Accommodation and food services	6.11	6.30	6.61	6.55	6.55
Other services, except public administration	4.75	4.99	5.10	4.84	5.00
Government and government enterprises	37.84	38.11	37.58	37.96	37.05
Federal, civilian	6.84	6.92	6.63	6.38	6.05
Military	15.72	16.25	15.77	15.70	14.91
State and local	15.28	14.94	15.18	15.88	16.09
State government	3.05	2.93	2.91	2.90	2.95
Local government	12.22	12.01	12.27	12.98	13.15
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	79.61	78.77
Proprietors employment	20.98	21.29	21.22	21.13	21.23
Farm proprietors employment	1.80	1.95	2.01	1.86	1.98
Nonfarm proprietors employment	19.18	19.35	19.21	19.27	19.24
By industry					
Farm employment	2.42	2.57	2.66	2.47	2.61
Nonfarm employment	97.58	97.43	97.34	97.53	97.39
Private nonfarm employment	77.06	77.33	77.46	77.47	78.10
Forestry, fishing, and related activities	0.49	0.49	0.48	0.50	0.52
Mining	2.55	2.67	3.21	2.92	3.64
Utilities	0.43	0.42	0.43	0.43	0.43
Construction	5.78	5.57	5.44	5.60	5.54
Manufacturing	3.26	3.35	3.35	3.32	3.21
Wholesale trade	2.53	2.48	2.45	2.44	2.42
Retail trade	10.40	10.47	10.48	10.43	10.49
Transportation and warehousing	2.20	2.28	2.37	2.30	2.41
Information	1.62	1.55	1.54	1.52	1.44
Finance and insurance	3.26	3.33	3.29	3.30	3.25
Real estate and rental and leasing	3.77	3.74	3.60	3.81	3.57
Professional, scientific, and technical services	7.39	7.28	7.13	7.37	7.06
Management of companies and enterprises	0.51	0.52	0.51	0.52	0.51
Administrative and waste management services	5.12	5.15	5.01	5.22	5.05
Educational services	1.58	1.52	1.51	1.65	1.56
Health care and social assistance	11.27	11.42	11.55	11.43	11.57
Arts, entertainment, and recreation	2.17	2.16	2.21	2.19	2.20
Accommodation and food services	7.66	7.74	7.80	7.74	8.12
Other services, except public administration	5.08	5.19	5.11	4.80	5.13
Government and government enterprises	20.52	20.10	19.88	20.06	19.29
Federal, civilian	3.18	3.07	2.97	3.06	2.73
Military	1.62	1.70	1.71	1.71	1.62
State and local	15.72	15.34	15.21	15.29	14.94
State government	5.70	5.48	5.40	5.46	5.37
Local government	10.02	9.86	9.81	9.83	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
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					