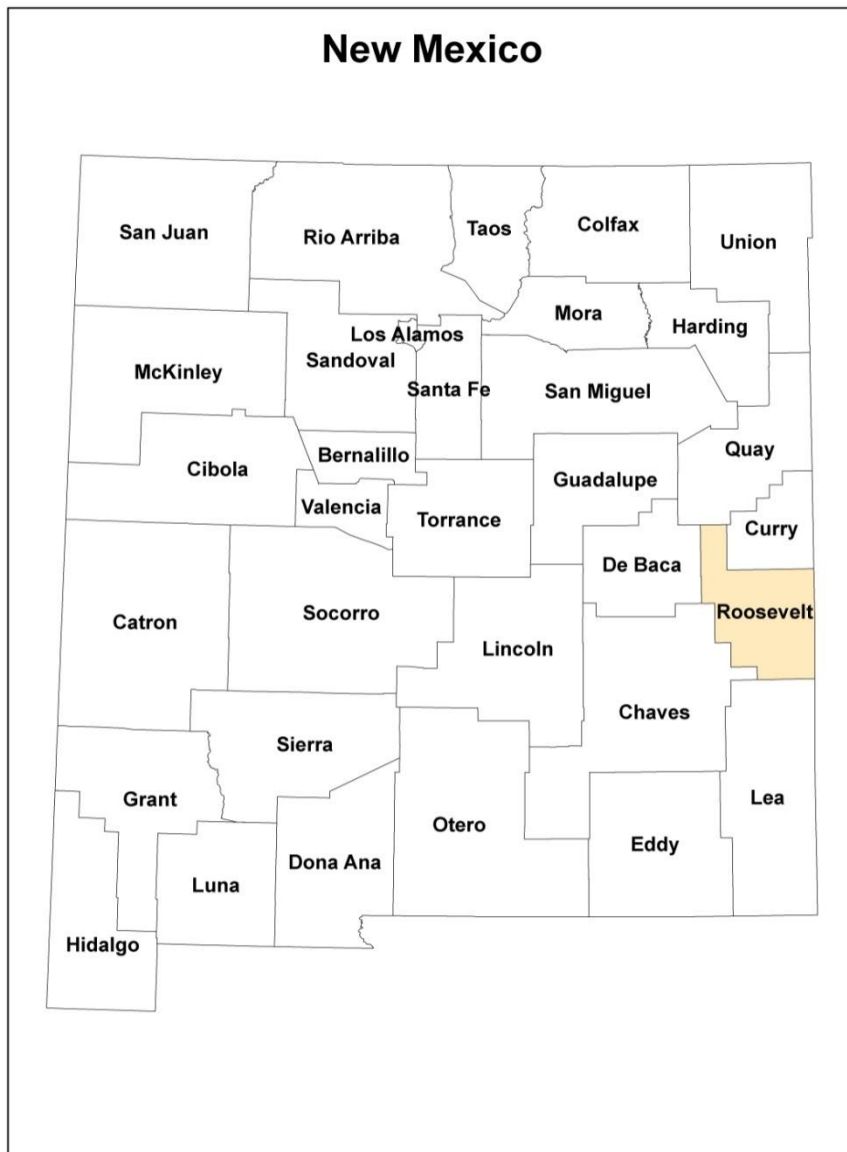




The Economic Base of Roosevelt County, NM

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

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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:

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

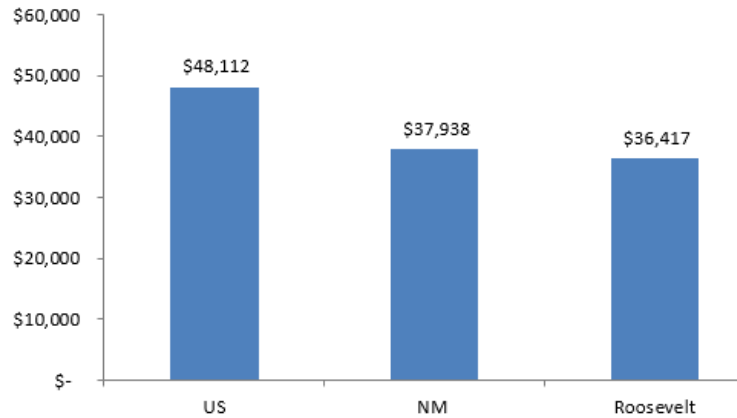
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national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

Roosevelt County, New Mexico

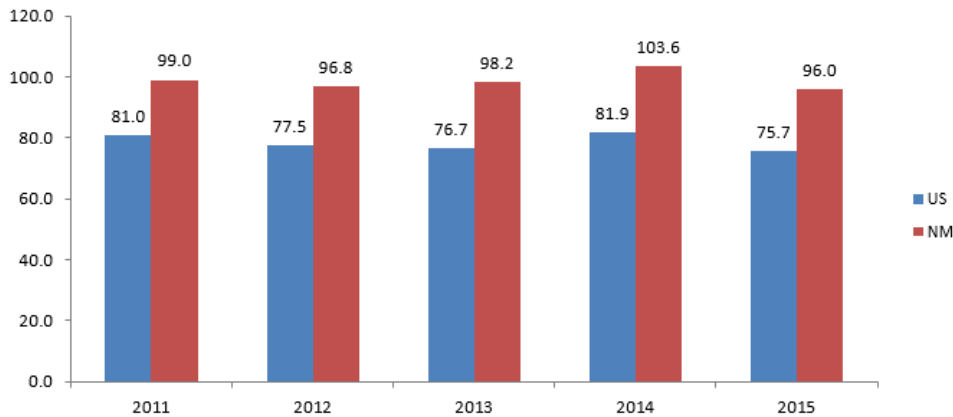
Roosevelt County is located in eastern central New Mexico and contains 2,447.43 square miles, or 2.02 percent of the land area in New Mexico. The population of Roosevelt County in 2015 was 19,120 or 0.92 percent of the state total population. The county population ranked 20th among New Mexico's counties in terms of population. In 2015, the City of Portales had a population of 11,960 representing 62.55 percent of the total population of Roosevelt County. Between 2011 and 2015, the population of Roosevelt County decreased by 6.53 percent. In the same period, New Mexico's population increased by .33 percent and the United States' population increased by 3.11 percent.

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



Per capita personal income in Roosevelt County was \$36,417 ranking 14th in the state in 2015. Per capita income, in 2015, for Roosevelt County was 96 percent of the state’s average per capita income (\$37,938) and 75.7 percent of the national average (\$48,112) (See Figures 1 and 2). The 5.96 percent growth rate of per capita income in Roosevelt County was lower than the state (9.24) and the nation (13.33) between 2011 and 2015.

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



Total employment in Roosevelt County was of 8,317 jobs in 2015. Between 2011 and 2015, total employment in Roosevelt County decreased by 3.77 percent, compared to the 2.88 employment increase occurring statewide and the 7.89 percent increase in employment nationwide. This 3.77 percent decrease represented a net decrease of 178 less jobs in the county between 2011 and 2015. The Roosevelt County employment to population ratio was 0.43, compared to the state ratio (0.53) and the nation’s ratio (0.59). This ratio represents a low rate of the population being employed.

In 2015, 61.15 percent of all workers in Roosevelt County were employed in the Private sector, while 25.39 percent were employed in Government and government enterprises and Farm employment accounted for 13.45 percent of total employment. Within the Private sector, the industries with the

highest percentages of total employment included: Retail Trade (10.45 percent), Accommodation and food services (7.71), Transportation and warehousing (5.33), Manufacturing (6.16). Data for Health care and Social assistance was not available from year 2011 through 2015. In the public sector, State and Local governments contained the largest percentage of public employment with 12.49 and 11.87 percent of total employment, respectively. Federal/civilian employment accounted for 0.47 percent and Military accounted for 0.57 percent of the total county employment. Employment for Roosevelt County by sector is displayed in Table 3.

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

Table 1 contains LQs for Roosevelt County from 2011 to 2015 calculated using data for the United States as the basis for comparison. Table 2 contains LQs for Roosevelt 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 (Table 1) is considered as a basic industry. The sectors with an LQ greater than 1.0 have been shaded.

In the private sector, the great importance of agriculture to the economic base of Roosevelt County is apparent in Table 1, in which farm employment has been highlighted with an LQ of 9.69 in 2015 and with LQs greater than 8.3 for all years considered.

Transportation and warehousing is also considered a basic economic activity in Roosevelt County with a LQ of 1.53 in 2015. In 2015, LQ of the Utilities and Retail trade sectors were 2.56 and 1.04 respectively. However, for Roosevelt County, these sectors are considered non-basic or support activities, given they do not bring outside dollars into the county. For this update retail trade, is now considered a basic sector with LQs exceeding 1.04 in all years considered.

The entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. In 2015, the government sectors with LQs greater than 1.0 included State and Local government. State government, with a LQ of 4.49 in 2015 reflects the particular importance of employment of Eastern New Mexico University (ENMU). Since ENMU provides educational services, State government is considered a basic sector for Roosevelt County. Local government had an LQ of 1.60 in 2015. However, this sector is considered a non-basic economic activity providing support to the rest of the basic industries.

For 2015, the data and analysis suggest that the following industries are considered basic industries in Roosevelt County:

1. Agricultural sector with 1,119 jobs.
2. Transportation and warehousing with 443 total jobs.

3. State government employment with 1,039 jobs.
4. Retail trade sector with 869 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 Roosevelt County, the multiplier is equal to 2.39 (8,317/ 3,470). This ratio suggests that any additional basic sector job in Roosevelt County is associated with additional 2.39 non-basic sector jobs. The export base multiplier (2.39) calculated above reinforces the importance of basic (exporting) industries to the economy of Roosevelt 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 Roosevelt 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.

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. From 2014 to 2015, the population of Roosevelt County decreased by 2.58 percent from 19,626 in 2014 to 19,120 in 2015. Per capita income for Roosevelt County in 2015 was \$ 36,417 a decrease of 4.14 percent from the previous year (\$37,991).

Tables 1 to 10 appear on pages 6-15

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

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.99	0.99	1.00	0.99	0.98
Proprietors employment	1.05	1.02	1.02	1.03	1.07
Farm proprietors employment	6.39	6.18	6.38	6.79	7.17
Nonfarm proprietors employment	0.78	0.77	0.76	0.76	0.79
By industry					
Farm employment	8.46	8.30	8.93	8.87	9.69
Nonfarm employment	0.89	0.89	0.88	0.89	0.88
Private nonfarm employment	0.71	0.71	0.71	0.70	0.71
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	1.91	1.94	2.07	2.26	2.56
Construction	0.83	0.85	0.89	0.82	0.85
Manufacturing	0.79	0.86	0.93	0.85	0.89
Wholesale trade	0.24	0.33	0.38	0.36	0.35
Retail trade	1.05	1.07	1.06	1.04	1.04
Transportation and warehousing	1.63	1.59	1.61	1.54	1.53
Information	0.66	0.65	0.59	0.54	0.47
Finance and insurance	0.35	0.37	0.38	0.39	0.39
Real estate and rental and leasing	0.67	0.59	0.61	0.63	0.68
Professional, scientific, and technical services	0.30	0.30	0.33	0.31	0.32
Management of companies and enterprises	0.15	N/A	N/A	0.00	0.00
Administrative and waste management services	0.32	0.29	0.31	0.29	0.25
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.44	0.40	0.41	0.46	0.52
Accommodation and food services	0.88	0.97	0.91	0.99	1.04
Other services, except public administration	0.76	0.73	0.71	0.76	0.78
Government and government enterprises	2.00	2.03	1.98	2.10	2.00
Federal, civilian	0.39	0.38	0.42	0.40	0.32
Military	0.53	0.53	0.54	0.53	0.55
State and local	2.40	2.44	2.36	2.50	2.39
State government	4.82	4.95	4.56	4.89	4.49
Local government	1.49	1.48	1.53	1.61	1.60
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 Roosevelt County (NM Base) 2011-2015

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.98	0.99	0.98	0.98	0.97
Proprietors employment	1.09	1.05	1.06	1.08	1.11
Farm proprietors employment	3.50	3.17	3.24	3.41	3.54
Nonfarm proprietors employment	0.85	0.83	0.83	0.84	0.87
By industry					
Farm employment	4.94	4.57	4.77	4.85	5.12
Nonfarm employment	0.90	0.90	0.89	0.90	0.89
Private nonfarm employment	0.77	0.78	0.78	0.77	0.78
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	1.46	1.46	1.51	1.67	1.90
Construction	0.74	0.78	0.82	0.76	0.81
Manufacturing	1.65	1.81	1.97	1.88	1.98
Wholesale trade	0.33	0.46	0.53	0.50	0.48
Retail trade	1.02	1.04	1.01	0.99	0.99
Transportation and warehousing	2.29	2.20	2.25	2.17	2.21
Information	0.78	0.76	0.71	0.66	0.57
Finance and insurance	0.57	0.60	0.62	0.63	0.62
Real estate and rental and leasing	0.81	0.73	0.76	0.79	0.85
Professional, scientific, and technical services	0.28	0.28	0.32	0.30	0.32
Management of companies and enterprises	0.34	N/A	N/A	0.00	0.00
Administrative and waste management services	0.38	0.36	0.38	0.36	0.32
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.44	0.40	0.41	0.46	0.51
Accommodation and food services	0.79	0.88	0.82	0.89	0.93
Other services, except public administration	0.85	0.83	0.81	0.87	0.89
Government and government enterprises	1.37	1.38	1.33	1.40	1.33
Federal, civilian	0.21	0.21	0.23	0.22	0.18
Military	0.37	0.35	0.35	0.35	0.37
State and local	1.72	1.72	1.65	1.73	1.64
State government	2.63	2.70	2.45	2.55	2.32
Local government	1.21	1.18	1.21	1.26	1.26
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 3: Roosevelt County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	6,331	76.12
Proprietors employment	1,986	23.88
Farm proprietors employment	572	6.88
Nonfarm proprietors employment	1,414	17.00
By industry		
Farm employment	1,119	13.45
Nonfarm employment	7,198	86.55
Private nonfarm employment	5,086	61.15
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	66	0.79
Construction	371	4.46
Manufacturing	512	6.16
Wholesale trade	105	1.26
Retail trade	869	10.45
Transportation and warehousing	443	5.33
Information	69	0.83
Finance and insurance	163	1.96
Real estate and rental and leasing	260	3.13
Professional, scientific, and technical services	187	2.25
Management of companies and enterprises	0	0.00
Administrative and waste management services	132	1.59
Educational services	(D)	N/A
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	97	1.17
Accommodation and food services	641	7.71
Other services, except public administration	376	4.52
Government and government enterprises	2,112	25.39
Federal, civilian	39	0.47
Military	47	0.57
State and local	2,026	24.36
State government	1,039	12.49
Local government	987	11.87
Total employment	8,317	100.00

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

Table 4: Roosevelt County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	6,633	6,804	6,734	6,558	6,331
Proprietors employment	2,010	1,976	1,955	1,937	1,986
Farm proprietors employment	588	559	564	571	572
Nonfarm proprietors employment 2/	1,422	1,417	1,391	1,366	1,414
By industry					
Farm employment	1,095	1,067	1,126	1,070	1,119
Nonfarm employment	7,548	7,713	7,563	7,425	7,198
Private nonfarm employment	5,167	5,317	5,295	5,123	5,086
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)
Utilities	54	55	57	60	66
Construction	358	374	392	357	371
Manufacturing	478	533	563	503	512
Wholesale trade	71	101	114	107	105
Retail trade	921	953	924	886	869
Transportation and warehousing	453	458	463	441	443
Information	104	103	92	82	69
Finance and insurance	166	174	176	170	163
Real estate and rental and leasing	262	229	235	242	260
Professional, scientific, and technical services	174	177	199	180	187
Management of companies and enterprises	15	(L)	(L)	0	0
Administrative and waste management services	169	157	166	155	132
Educational services	(D)	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	(D)	(D)	(D)
Arts, entertainment, and recreation	83	78	79	87	97
Accommodation and food services	531	604	568	614	641
Other services, except public administration	380	373	357	377	376
Government and government enterprises	2,381	2,396	2,268	2,302	2,112
Federal, civilian	56	54	57	51	39
Military	54	53	52	48	47
State and local	2,271	2,289	2,159	2,203	2,026
State government	1,244	1,276	1,142	1,177	1,039
Local government	1,027	1,013	1,017	1,026	987
Total employment	8,643	8,780	8,689	8,495	8,317

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
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N</i>					

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

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

Table 7: Roosevelt County, New Mexico and United States Percent of Employment by Industry 2015

	United States	New Mexico	Roosevelt County
By type			
Wage and salary employment	77.62	78.45	76.12
Proprietors employment	22.38	21.55	23.88
Farm proprietors employment	0.96	1.94	6.88
Nonfarm proprietors employment	21.42	19.61	17.00
By industry			
Farm employment	1.39	2.63	13.45
Nonfarm employment	98.61	97.37	86.55
Private nonfarm employment	85.92	78.34	61.15
Forestry, fishing, and related activities	0.51	0.54	N/A
Mining	0.79	3.28	N/A
Utilities	0.31	0.42	0.79
Construction	5.23	5.53	4.46
Manufacturing	6.88	3.11	6.16
Wholesale trade	3.57	2.61	1.26
Retail trade	10.07	10.56	10.45
Transportation and warehousing	3.47	2.41	5.33
Information	1.78	1.46	0.83
Finance and insurance	5.07	3.16	1.96
Real estate and rental and leasing	4.59	3.69	3.13
Professional, scientific, and technical services	6.96	7.08	2.25
Management of companies and enterprises	1.28	0.53	0.00
Administrative and waste management services	6.32	4.94	1.59
Educational services	2.45	1.60	N/A
Health care and social assistance	11.20	11.83	N/A
Arts, entertainment, and recreation	2.26	2.27	1.17
Accommodation and food services	7.38	8.27	7.71
Other services, except public administration	5.80	5.07	4.52
Government and government enterprises	12.69	19.03	25.39
Federal, civilian	1.48	2.66	0.47
Military	1.03	1.54	0.57
State and local	10.19	14.82	24.36
State government	2.79	5.38	12.49
Local government	7.40	9.45	11.87
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: Roosevelt County Percent of Employment by Sectors 2011-2015					
Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	76.74	77.49	77.50	77.20	76.12
Proprietors employment	23.26	22.51	22.50	22.80	23.88
Farm proprietors employment	6.80	6.37	6.49	6.72	6.88
Nonfarm proprietors employment	16.45	16.14	16.01	16.08	17.00
By industry					
Farm employment	12.67	12.15	12.96	12.60	13.45
Nonfarm employment	87.33	87.85	87.04	87.40	86.55
Private nonfarm employment	59.78	60.56	60.94	60.31	61.15
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	0.62	0.63	0.66	0.71	0.79
Construction	4.14	4.26	4.51	4.20	4.46
Manufacturing	5.53	6.07	6.48	5.92	6.16
Wholesale trade	0.82	1.15	1.31	1.26	1.26
Retail trade	10.66	10.85	10.63	10.43	10.45
Transportation and warehousing	5.24	5.22	5.33	5.19	5.33
Information	1.20	1.17	1.06	0.97	0.83
Finance and insurance	1.92	1.98	2.03	2.00	1.96
Real estate and rental and leasing	3.03	2.61	2.70	2.85	3.13
Professional, scientific, and technical services	2.01	2.02	2.29	2.12	2.25
Management of companies and enterprises	0.17	N/A	N/A	0.00	0.00
Administrative and waste management services	1.96	1.79	1.91	1.82	1.59
Educational services	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	N/A	N/A	N/A
Arts, entertainment, and recreation	0.96	0.89	0.91	1.02	1.17
Accommodation and food services	6.14	6.88	6.54	7.23	7.71
Other services, except public administration	4.40	4.25	4.11	4.44	4.52
Government and government enterprises	27.55	27.29	26.10	27.10	25.39
Federal, civilian	0.65	0.62	0.66	0.60	0.47
Military	0.62	0.60	0.60	0.57	0.57
State and local	26.28	26.07	24.85	25.93	24.36
State government	14.39	14.53	13.14	13.86	12.49
Local government	11.88	11.54	11.70	12.08	11.87
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
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculations</i>					

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