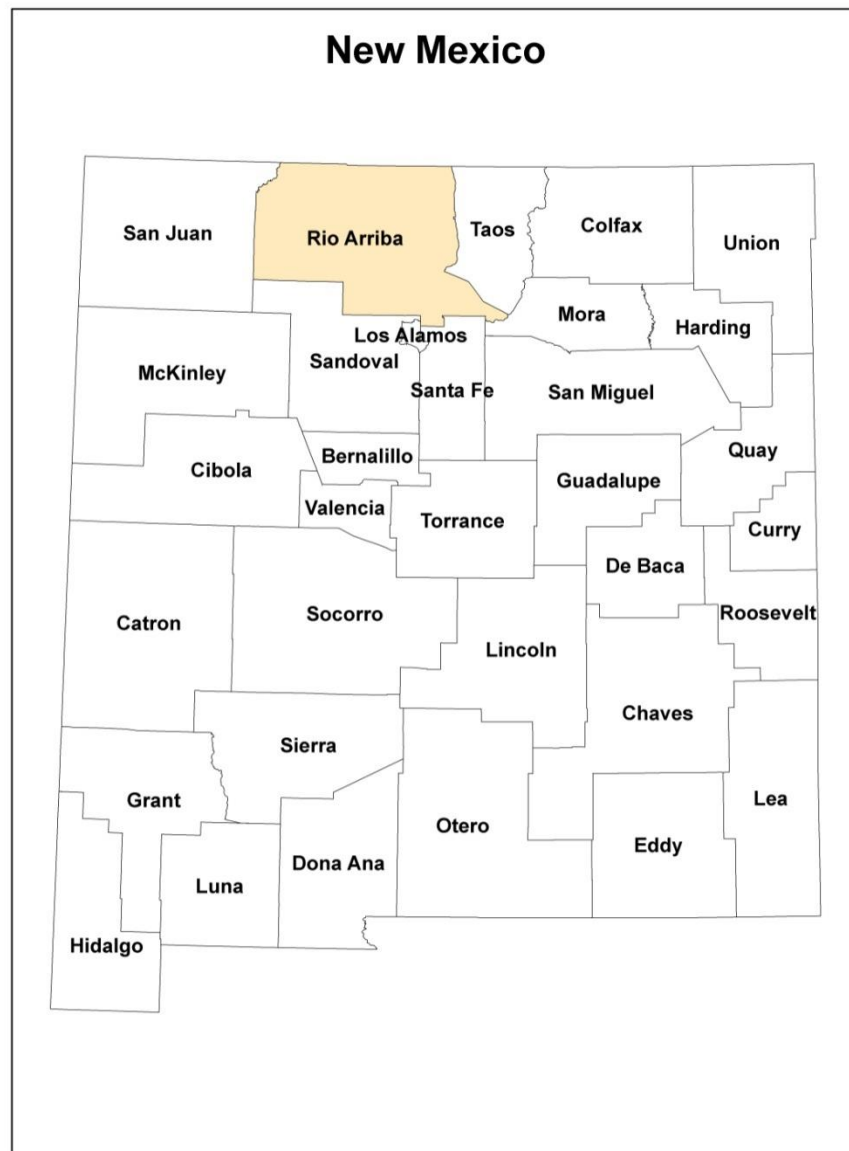




The Economic Base of Rio Arriba County, NM

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

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The Economic Base of Rio Arriba County, New Mexico

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:

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

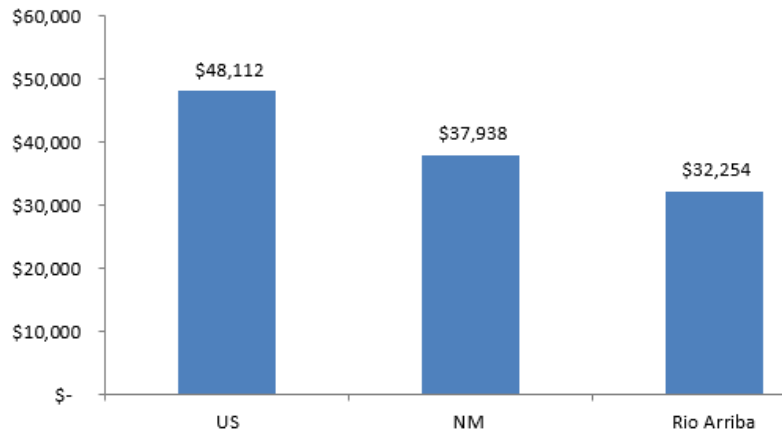
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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 Rio Arriba 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 which data are available and the four years preceding (2011-2015). 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.

Rio Arriba County, New Mexico

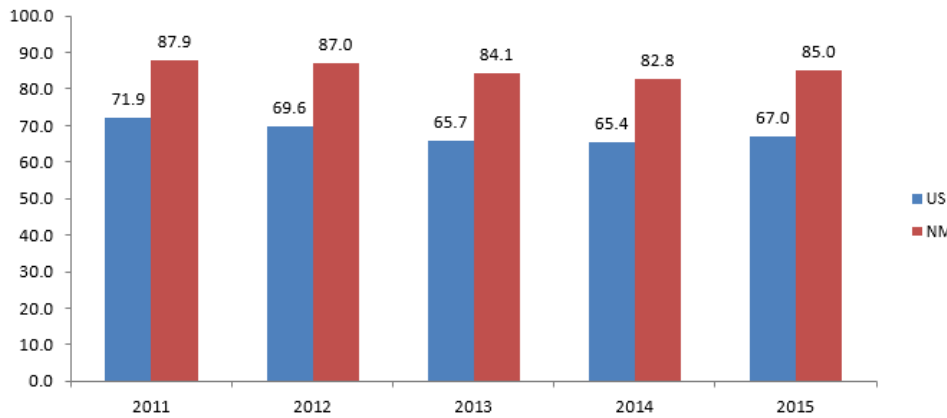
Rio Arriba County is located in northwestern New Mexico and contains 5,860.84 square miles, or 4.83 percent of the land area in New Mexico. The population of Rio Arriba County in 2015 was 39,465, or 1.9 percent of the state total, ranking 13th in New Mexico in terms of population. Between 2011 and 2015, the population of Rio Arriba County decreased by 2.13 percent. The Town of Española, with a population of 10,047 in 2015 represented 25.46 percent of the population of Rio Arriba County. During 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: Rio Arriba County (2015)



Per capita personal income in Rio Arriba County was \$32,254 and ranked 26th in the state in terms of per capita income in 2015. Per capita income for Rio Arriba County in 2015 was 85.0 percent of the corresponding state figure (\$37,938) and 67.0 percent of the national average (\$48,112) (See Figures 1 and 2). The percent growth of per capita income in Rio Arriba County between 2011 and 2015 was 5.64 percent, which was less than the state's (9.24) and nation's (13.33) growth rate for the same period

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



Total employment in Rio Arriba County was 15,553 in 2015. Between 2011 and 2015, total employment in Rio Arriba County decreased by 2.56 percent, while the state's total employment increased by 2.88 percent and the nation's employment increased by 7.89 percent for the same period. The Rio Arriba County employment to population ratio was 0.40 in 2015, 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 the county.

In 2015, 56.92 percent of Rio Arriba County was employed in the Private sector, while 31.04 percent were employed in Government and government enterprises, and 12.04 percent worked in Farm employment. The industries with the highest percentages of total employment included: Health care

and social assistance (11.46 percent), Retail trade (9.37), and Accommodation and food services (6.73). Within the public sector, Local government was the largest employer with 23.86 percent of total employment; State employment accounted for 4.63 percent, Federal / civilian accounted for 1.92 percent and Military for 0.64 percent. Employment for Rio Arriba County by sector is displayed in Table 3.

Basic and Non-Basic Industries in Rio Arriba County, New Mexico

Table 1 contains LQs for Rio Arriba County from 2011 to 2015 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Rio Arriba County from 2011 to 2015 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 importance of the Agricultural sector, here defined as Farm employment and Forestry, fishing, and related activities is reflected in the high LQs for both of these industries. Farm employment had an LQ of 8.67, with LQs greater than 7.61 for all years considered; Forestry, fishing, and related activities had an LQ of 2.02 in 2015 and LQs greater than 1.69 for all years considered. The Agricultural sector for Rio Arriba (Farm employment and Forestry, fishing, and related activities), is considered a basic sector.

Arts, entertainment, and recreation is also considered as a basic economic activity in Rio Arriba County. This sector had an LQ of 1.10 in 2015 and LQs exceeding 1.06 in all years considered, reflecting the substantial artist community in and around Española. Additionally, Rio Arriba County is home to Heron Lake State Park, Vado Lake State Park, and numerous attractions in and around Chama including the Cumbres and Toltec Scenic Railroad. Because these attract tourists from nearby Santa Fe and Taos counties, the Arts, entertainment, and recreation industry is considered a basic economic sector for this analysis.

Health care and social assistance had an LQ of 1.02 in 2015, as well as LQs in between .98 and 1.06 in all years considered. These LQs reflect the employment base of Rio Arriba's two medical centers, Los Alamos Medical Center and Española Hospital, both located in Española. Though the Health care and social assistance industry is often categorized as a non-basic industry, considering these hospitals' importance in serving several neighboring counties, this sector is considered as part of the basic economic base of Rio Arriba County.

Mining in the past was considered as a basic economic activity in Rio Arriba County. The Mining sector had an LQ of .62 in 2015, however, in previous years, the LQs fluctuated between .79 and 1.10.

The Mining sector includes pumice mining, especially in the Guaje Canyon Mine and the El Cajete Mine, both located in the Jemez Mountains, southwest of Española. Because the LQ for mining has decreased in the for two years well below the 1.0, it is not a basic industry this year. The other sector with a LQ above 1.0 in 2015 included Utilities (2.29). Nevertheless, this industry in Rio Arriba County is to be considered as non-basic or a support industry.

The entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. All government sectors, with the exception of Military employment, had LQs greater than 1.0 in 2015. State government had an LQ of 1.66 in 2015 and LQs greater than 1.66 in all years considered. State government reflects the employment base of the District Eleven New Mexico State Police and the New Mexico Environmental Improvement Office, both located in Española. Federal civilian employment had an LQ of 1.30 and LQs exceeding 1.30 in all years considered. This industry reflects the employment base of the East Rio Arriba Soil and Water Conservation District Office and the U.S. Rural Development Office, as well as Bandelier National Monument. For this analysis, Federal civilian and State government employment are considered as basic economic activities. Local government had an LQ of 3.22 in 2015. However, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Rio Arriba County will be considered as a non-basic industry.

The data and analysis suggest that in 2015 the following industries should be considered basic industries in Rio Arriba County:

1. The Agricultural sector, including Farm employment (1,917) and Forestry, fishing, and related industries (163), accounted for 2,080 total jobs.
2. Arts, entertainment, and recreation, accounted for 388 jobs.
3. Health care and social assistance, accounted for 1,824 jobs.
4. State government employment, accounted for 737 jobs.
5. Federal civilian employment, accounted for 305 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 Rio Arriba County, the multiplier is equal to 2.98 (15,920/ 5,334). This ratio suggests that the addition of each basic sector job in Rio Arriba County would be associated with an additional 2.98 non-basic sector jobs. The export base multiplier (2.98) calculated above reinforces the importance of basic (exporting) industries to the economy of Rio Arriba 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 Rio Arriba 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 of Rio Arriba County in 2015 was 39,465, a decrease of 0.56 percent from the population of 39,686 in 2014. Per capita personal income in Rio Arriba County in 2015 was \$32,254, an increase of 6.27 percent from \$30,351 in 2014. Because of a decreasing LQ for two years Mining was not considered a basic industry for this time period.

Tables 1 to 10 appear on pages 7-16

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

US Base	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.87	0.87	0.87	0.88	0.88
Proprietors employment	1.45	1.45	1.46	1.43	1.42
Farm proprietors employment	9.39	10.41	10.53	10.70	10.77
Nonfarm proprietors employment	1.05	1.01	1.02	1.00	1.00
By industry					
Farm employment	7.61	8.44	8.63	8.57	8.67
Nonfarm employment	0.90	0.89	0.89	0.89	0.89
Private nonfarm employment	0.66	0.64	0.65	0.66	0.66
Forestry, fishing, and related activities	1.69	1.76	1.83	1.99	2.02
Mining	1.10	0.96	1.03	0.79	0.62
Utilities	2.76	2.73	2.60	2.31	2.29
Construction	0.89	0.85	0.85	0.81	0.82
Manufacturing	0.30	0.31	0.27	0.25	0.26
Wholesale trade	0.25	0.25	0.24	0.25	0.24
Retail trade	0.93	0.93	0.91	0.91	0.93
Transportation and warehousing	0.38	0.35	0.35	0.33	0.45
Information	0.36	0.40	0.42	0.41	0.42
Finance and insurance	0.33	0.31	0.31	0.32	0.27
Real estate and rental and leasing	0.46	0.37	0.37	0.36	0.36
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	0.41	0.47	0.55	0.55	0.54
Educational services	0.60	0.51	0.52	0.61	0.66
Health care and social assistance	1.06	0.98	1.00	1.04	1.02
Arts, entertainment, and recreation	1.06	1.07	1.03	1.00	1.08
Accommodation and food services	0.79	0.79	0.82	0.90	0.91
Other services, except public administration	0.79	0.78	0.78	0.80	0.79
Government and government enterprises	2.35	2.44	2.43	2.44	2.45
Federal, civilian	1.39	1.40	1.39	1.38	1.30
Military	0.61	0.62	0.63	0.61	0.62
State and local	2.69	2.79	2.77	2.78	2.80
State government	1.72	1.86	1.91	1.78	1.66
Local government	3.05	3.14	3.10	3.16	3.22
Total employment	1.00	1.00	1.00	1.00	1.00

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

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

NM Based	2011	2012	2013	2014	2015
By type					
Wage and salary employment	0.86	0.87	0.86	0.87	0.87
Proprietors employment	1.50	1.49	1.52	1.50	1.47
Farm proprietors employment	5.14	5.34	5.35	5.38	5.31
Nonfarm proprietors employment	1.14	1.10	1.12	1.10	1.09
By industry					
Farm employment	4.44	4.65	4.61	4.69	4.59
Nonfarm employment	0.91	0.90	0.90	0.90	0.90
Private nonfarm employment	0.73	0.71	0.71	0.72	0.73
Forestry, fishing, and related activities	1.68	1.81	1.87	1.92	1.91
Mining	0.29	0.26	0.27	0.19	0.15
Utilities	2.11	2.05	1.90	1.70	1.70
Construction	0.79	0.78	0.78	0.75	0.77
Manufacturing	0.63	0.64	0.58	0.54	0.57
Wholesale trade	0.36	0.35	0.34	0.35	0.33
Retail trade	0.90	0.90	0.87	0.87	0.89
Transportation and warehousing	0.53	0.48	0.48	0.46	0.65
Information	0.42	0.47	0.51	0.50	0.52
Finance and insurance	0.55	0.50	0.52	0.52	0.43
Real estate and rental and leasing	0.56	0.45	0.46	0.45	0.45
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	0.49	0.58	0.67	0.68	0.69
Educational services	0.91	0.79	0.80	0.95	1.00
Health care and social assistance	1.02	0.96	0.98	1.00	0.97
Arts, entertainment, and recreation	1.07	1.07	1.04	1.02	1.07
Accommodation and food services	0.72	0.72	0.74	0.80	0.81
Other services, except public administration	0.89	0.88	0.89	0.91	0.90
Government and government enterprises	1.61	1.65	1.64	1.63	1.63
Federal, civilian	0.75	0.76	0.76	0.76	0.72
Military	0.42	0.42	0.41	0.40	0.42
State and local	1.92	1.97	1.94	1.92	1.92
State government	0.94	1.01	1.03	0.93	0.86
Local government	2.46	2.49	2.44	2.48	2.53
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: Rio Arriba County Total Employment by Industry 2015		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	10,878	68.33
Proprietors employment	5,042	31.67
Farm proprietors employment	1,645	10.33
Nonfarm proprietors employment	3,397	21.34
By industry		
Farm employment	1,917	12.04
Nonfarm employment	14,003	87.96
Private nonfarm employment	9,061	56.92
Forestry, fishing, and related activities	163	1.02
Mining	78	0.49
Utilities	113	0.71
Construction	679	4.27
Manufacturing	282	1.77
Wholesale trade	138	0.87
Retail trade	1,491	9.37
Transportation and warehousing	251	1.58
Information	120	0.75
Finance and insurance	218	1.37
Real estate and rental and leasing	264	1.66
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	(D)	N/A
Administrative and waste management services	542	3.40
Educational services	256	1.61
Health care and social assistance	1,824	11.46
Arts, entertainment, and recreation	388	2.44
Accommodation and food services	1,071	6.73
Other services, except public administration	727	4.57
Government and government enterprises	4,942	31.04
Federal, civilian	305	1.92
Military	102	0.64
State and local	4,535	28.49
State government	737	4.63
Local government	3,798	23.86
Total employment	15,920	100.00

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

Table 4: Rio Arriba County Employment by Industry 2011-2015

Number of jobs by industry	2011	2012	2013	2014	2015
By type					
Wage and salary employment	10,526	10,526	10,521	10,617	10,878
Proprietors employment	4,996	4,933	5,014	4,936	5,042
Farm proprietors employment	1,551	1,657	1,665	1,647	1,645
Nonfarm proprietors employment 2/	3,445	3,276	3,349	3,289	3,397
By industry					
Farm employment	1,768	1,910	1,945	1,894	1,917
Nonfarm employment	13,754	13,549	13,590	13,659	14,003
Private nonfarm employment	8,724	8,476	8,611	8,756	9,061
Forestry, fishing, and related activities	128	135	142	157	163
Mining	121	129	141	105	78
Utilities	140	136	128	112	113
Construction	686	658	666	647	679
Manufacturing	326	334	296	266	282
Wholesale trade	138	133	132	140	138
Retail trade	1,471	1,454	1,422	1,430	1,491
Transportation and warehousing	188	176	177	172	251
Information	101	111	118	114	120
Finance and insurance	285	256	262	259	218
Real estate and rental and leasing	322	250	255	254	264
Professional, scientific, and technical services	(D)	(D)	(D)	(D)	(D)
Management of companies and enterprises	(D)	(D)	(D)	(D)	(D)
Administrative and waste management services	389	447	528	535	542
Educational services	216	185	190	228	256
Health care and social assistance	1,808	1,708	1,751	1,803	1,824
Arts, entertainment, and recreation	362	366	355	351	388
Accommodation and food services	864	862	919	1,019	1,071
Other services, except public administration	715	698	698	725	727
Government and government enterprises	5,030	5,073	4,979	4,903	4,942
Federal, civilian	357	348	335	321	305
Military	111	110	109	101	102
State and local	4,562	4,615	4,535	4,481	4,535
State government	797	845	856	787	737
Local government	3,765	3,770	3,679	3,694	3,798
Total employment	15,522	15,459	15,535	15,553	15,920
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: Rio Arriba County, New Mexico and United States Percent of Employment by Industry 2015			
	United States	New Mexico	Rio Arriba County
By type			
Wage and salary employment	77.62	78.45	68.33
Proprietors employment	22.38	21.55	31.67
Farm proprietors employment	0.96	1.94	10.33
Nonfarm proprietors employment	21.42	19.61	21.34
By industry			
Farm employment	1.39	2.63	12.04
Nonfarm employment	98.61	97.37	87.96
Private nonfarm employment	85.92	78.34	56.92
Forestry, fishing, and related activities	0.51	0.54	1.02
Mining	0.79	3.28	0.49
Utilities	0.31	0.42	0.71
Construction	5.23	5.53	4.27
Manufacturing	6.88	3.11	1.77
Wholesale trade	3.57	2.61	0.87
Retail trade	10.07	10.56	9.37
Transportation and warehousing	3.47	2.41	1.58
Information	1.78	1.46	0.75
Finance and insurance	5.07	3.16	1.37
Real estate and rental and leasing	4.59	3.69	1.66
Professional, scientific, and technical services	6.96	7.08	N/A
Management of companies and enterprises	1.28	0.53	N/A
Administrative and waste management services	6.32	4.94	3.40
Educational services	2.45	1.60	1.61
Health care and social assistance	11.20	11.83	11.46
Arts, entertainment, and recreation	2.26	2.27	2.44
Accommodation and food services	7.38	8.27	6.73
Other services, except public administration	5.80	5.07	4.57
Government and government enterprises	12.69	19.03	31.04
Federal, civilian	1.48	2.66	1.92
Military	1.03	1.54	0.64
State and local	10.19	14.82	28.49
State government	2.79	5.38	4.63
Local government	7.40	9.45	23.86
Total employment	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>			

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

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	67.81	68.09	67.72	68.26	68.33
Proprietors employment	32.19	31.91	32.28	31.74	31.67
Farm proprietors employment	9.99	10.72	10.72	10.59	10.33
Nonfarm proprietors employment	22.19	21.19	21.56	21.15	21.34
By industry					
Farm employment	11.39	12.36	12.52	12.18	12.04
Nonfarm employment	88.61	87.64	87.48	87.82	87.96
Private nonfarm employment	56.20	54.83	55.43	56.30	56.92
Forestry, fishing, and related activities	0.82	0.87	0.91	1.01	1.02
Mining	0.78	0.83	0.91	0.68	0.49
Utilities	0.90	0.88	0.82	0.72	0.71
Construction	4.42	4.26	4.29	4.16	4.27
Manufacturing	2.10	2.16	1.91	1.71	1.77
Wholesale trade	0.89	0.86	0.85	0.90	0.87
Retail trade	9.48	9.41	9.15	9.19	9.37
Transportation and warehousing	1.21	1.14	1.14	1.11	1.58
Information	0.65	0.72	0.76	0.73	0.75
Finance and insurance	1.84	1.66	1.69	1.67	1.37
Real estate and rental and leasing	2.07	1.62	1.64	1.63	1.66
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	N/A	N/A	N/A	N/A	N/A
Administrative and waste management services	2.51	2.89	3.40	3.44	3.40
Educational services	1.39	1.20	1.22	1.47	1.61
Health care and social assistance	11.65	11.05	11.27	11.59	11.46
Arts, entertainment, and recreation	2.33	2.37	2.29	2.26	2.44
Accommodation and food services	5.57	5.58	5.92	6.55	6.73
Other services, except public administration	4.61	4.52	4.49	4.66	4.57
Government and government enterprises	32.41	32.82	32.05	31.52	31.04
Federal, civilian	2.30	2.25	2.16	2.06	1.92
Military	0.72	0.71	0.70	0.65	0.64
State and local	29.39	29.85	29.19	28.81	28.49
State government	5.13	5.47	5.51	5.06	4.63
Local government	24.26	24.39	23.68	23.75	23.86
Total employment	100.00	100.00	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					

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

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	78.60	78.65	78.72	78.80	78.45
Proprietors employment	21.40	21.35	21.28	21.20	21.55
Farm proprietors employment	1.94	2.01	2.00	1.97	1.94
Nonfarm proprietors employment	19.46	19.34	19.28	19.23	19.61
By industry					
Farm employment	2.56	2.66	2.72	2.60	2.63
Nonfarm employment	97.44	97.34	97.28	97.40	97.37
Private nonfarm employment	77.36	77.50	77.69	78.06	78.34
Forestry, fishing, and related activities	0.49	0.48	0.49	0.53	0.54
Mining	2.66	3.21	3.42	3.53	3.28
Utilities	0.43	0.43	0.43	0.42	0.42
Construction	5.57	5.43	5.51	5.52	5.53
Manufacturing	3.36	3.35	3.30	3.14	3.11
Wholesale trade	2.49	2.48	2.48	2.54	2.61
Retail trade	10.47	10.48	10.49	10.54	10.56
Transportation and warehousing	2.28	2.38	2.37	2.39	2.41
Information	1.55	1.54	1.49	1.45	1.46
Finance and insurance	3.34	3.29	3.24	3.20	3.16
Real estate and rental and leasing	3.73	3.58	3.58	3.63	3.69
Professional, scientific, and technical services	7.28	7.13	7.06	7.03	7.08
Management of companies and enterprises	0.52	0.51	0.51	0.52	0.53
Administrative and waste management services	5.14	5.00	5.08	5.03	4.94
Educational services	1.53	1.51	1.52	1.54	1.60
Health care and social assistance	11.42	11.54	11.51	11.54	11.83
Arts, entertainment, and recreation	2.17	2.22	2.21	2.22	2.27
Accommodation and food services	7.73	7.80	7.95	8.17	8.27
Other services, except public administration	5.18	5.12	5.05	5.11	5.07
Government and government enterprises	20.07	19.85	19.60	19.34	19.03
Federal, civilian	3.06	2.96	2.82	2.72	2.66
Military	1.70	1.70	1.71	1.62	1.54
State and local	15.31	15.18	15.07	15.00	14.82
State government	5.47	5.39	5.37	5.43	5.38
Local government	9.84	9.79	9.70	9.57	9.45
Total employment	100.00	100.00	100.00	100.00	100.00

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

Table 10: United States Percent of Employment by Industry 2011-2015

Description	2011	2012	2013	2014	2015
By type					
Wage and salary employment	77.78	78.02	77.86	77.79	77.62
Proprietors employment	22.22	21.98	22.14	22.21	22.38
Farm proprietors employment	1.06	1.03	1.02	0.99	0.96
Nonfarm proprietors employment	21.16	20.95	21.13	21.23	21.42
By industry					
Farm employment	1.50	1.46	1.45	1.42	1.39
Nonfarm employment	98.50	98.54	98.55	98.58	98.61
Private nonfarm employment	84.72	85.08	85.36	85.66	85.92
Forestry, fishing, and related activities	0.49	0.49	0.50	0.51	0.51
Mining	0.71	0.87	0.88	0.86	0.79
Utilities	0.33	0.32	0.32	0.31	0.31
Construction	4.98	4.99	5.07	5.15	5.23
Manufacturing	7.03	7.04	7.00	6.93	6.88
Wholesale trade	3.49	3.49	3.48	3.53	3.57
Retail trade	10.19	10.10	10.08	10.07	10.07
Transportation and warehousing	3.22	3.28	3.30	3.37	3.47
Information	1.83	1.80	1.79	1.79	1.78
Finance and insurance	5.53	5.42	5.38	5.17	5.07
Real estate and rental and leasing	4.50	4.39	4.42	4.52	4.59
Professional, scientific, and technical services	6.79	6.82	6.88	6.91	6.96
Management of companies and enterprises	1.18	1.22	1.24	1.27	1.28
Administrative and waste management services	6.10	6.16	6.23	6.30	6.32
Educational services	2.34	2.34	2.37	2.41	2.45
Health care and social assistance	11.02	11.23	11.25	11.19	11.20
Arts, entertainment, and recreation	2.20	2.22	2.22	2.25	2.26
Accommodation and food services	7.00	7.08	7.18	7.28	7.38
Other services, except public administration	5.80	5.82	5.77	5.85	5.80
Government and government enterprises	13.78	13.46	13.19	12.92	12.69
Federal, civilian	1.66	1.61	1.55	1.50	1.48
Military	1.18	1.15	1.11	1.06	1.03
State and local	10.94	10.71	10.52	10.36	10.19
State government	2.99	2.93	2.88	2.84	2.79
Local government	7.96	7.77	7.64	7.52	7.40
Total employment	100.00	100.00	100.00	100.00	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>					