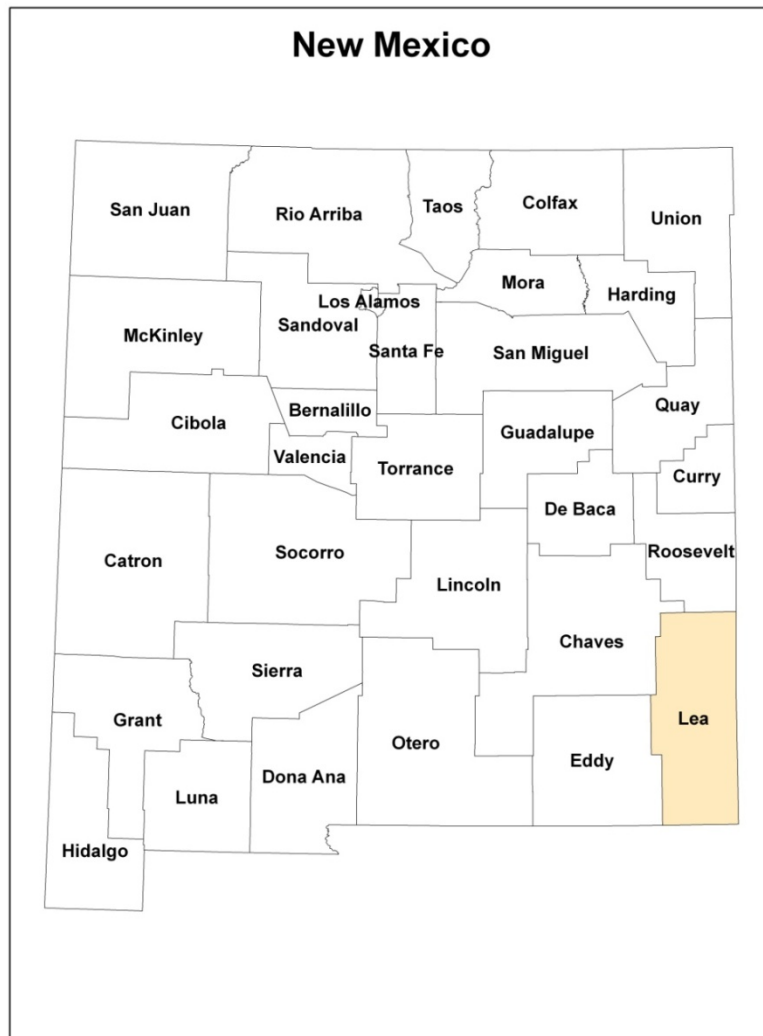




The Economic Base of Lea County, NM

**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. Ugo Ogbue, a graduate student in the NMSU Masters of Art in Economics 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:

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

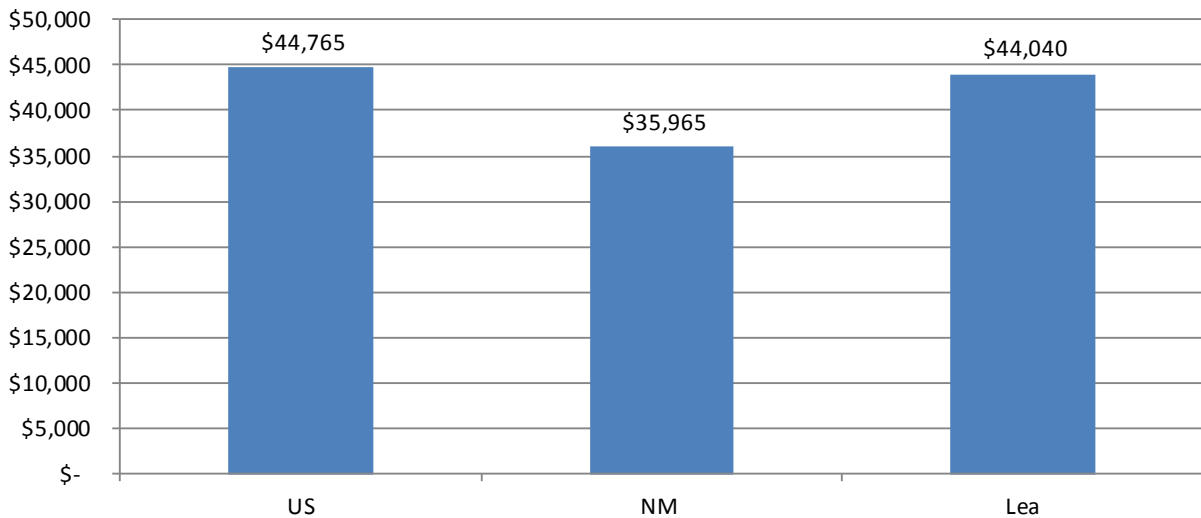
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the 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/sites/default/files/uploadecd/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated and analyzed for the industries within Lea 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 six years preceding (2007-2013). 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.

Lea County, New Mexico

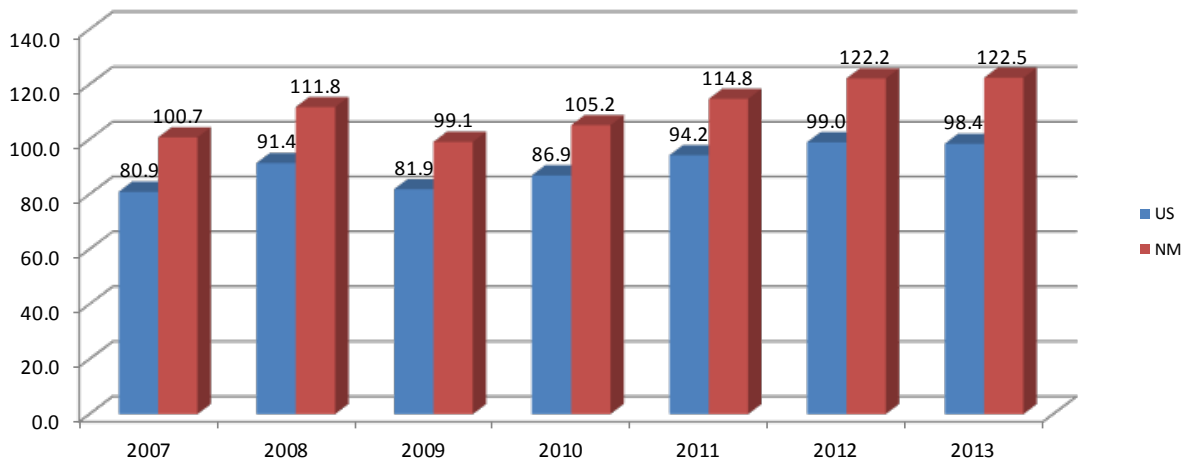
Lea County is located in the southeastern corner of New Mexico and encompasses 4,390.93 square miles of land, or 3.62 percent of the total land area in New Mexico. The population of Lea County in 2013 was of 66,062, or 3.26 percent of the state total, ranking 8th in the state in terms of population. Between 2007 and 2013, the population of Lea County increased by 8.49 percent. The City of Hobbs, with a population of 36,041 in 2013, represented 54.56 percent of the total population of Lea County. During the period between 2007 and 2013, New Mexico's population increased by 4.78 percent and the United States' population increased by 4.95 percent.

Figure 1. Per Capita Personal Income 2013



Per capita income for Lea County in 2013 was \$44,040, ranking sixth in the state in terms of per capita income. Per capita income for Lea County was 122.5 percent of the corresponding state figure (\$35,965) and 98.4 percent of the national average (\$45,765), (see figure 1). Between 2007 and 2013, the percentage growth in per capita income in Lea County was 36.71 percent, substantially higher than the state percentage growth (12.46) the nation (12.46) for the same period. With a growth rate of 0.68 percent in 2013, per capita income has not fully recovered from a decrease 13.70 percent in 2009 which represented a drop of \$5,115 from the 2008 annual per capital income of \$37,347 to \$32,232 in 2009 .

Figure 2 : Per Capita Income of Lea County as Percent of U.S. and New Mexico, 2007-2013



Total employment in Lea County in 2013 was 40,541, with an increase of 14.34 percent from 2007 to 2013, compared to the decrease of 2.30 percent for the state and an increase of 1.33 percent

for the nation. In 2013, Lea County's employment to population ratio was 0.60, compared to the state (0.52) and the nation (0.58).

In 2013, 88.58 percent of all workers in Lea County were employed in the Private sector, while 9.34 percent were employed in Government and government enterprises, and 2.08 percent were employed in Farm employment. Within the Private sector, the industries with the highest percentage of total employment included: Mining (24.38 percent), Retail trade (9.00), and Construction (9.24). From the public sector, Local government was the largest employer with 8.01 percent of total employment. Federal/civilian, Military, and State employment each accounted for less than 1.0 percent of total employment. Employment for Lea County by sector is displayed in Table 3.

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

Table 1 contains LQs for Lea County from 2007 to 2013 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Lea County from 2007 to 2013 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 pronounced importance of Mining within the private sector is represented by the highest LQ for Lea County of 27.65 in 2013. The mining sector has historically been an important economic sector for Lea County with LQs greater than 27.35 for all years considered. The mining industry in Lea County includes potash, oil, and natural gas extraction; mining is classified here as a basic economic activity for the county. Oil and gas production rankings shows the importance of the industry to the county where Lea County ranked second in oil production and fourth in gas production in the state in 2013.

For 2013, all other industries in Lea County have relative low LQs compared to its LQ for mining. Farm employment, with an LQ of 1.44 is to be considered a basic industry for Lea County. LQs for farm employment in Lea County have exceeded 1.34 in all years considered. Transportation and warehousing (1.55) is also to be considered a basic industry for Lea County. Other industries with LQs above 1.0 include Utilities (2.65) and Construction (1.82). However, the later industries are considered as non-basic industries for Lea County.

Government and government enterprises is the aggregate figure of all government levels listed as government categories. For all years considered, the only government sector with an LQ greater than 1.0 was local government. 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 Lea County is considered a non-basic industry.

In brief, the data and analysis suggest that in 2013, the following industries should be considered basic industries in Lea County:

1. Mining, accounted for 9,882 jobs.
2. Farm employment, accounted for 843 jobs.
3. Transportation and warehousing, accounted for 2,070 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 Lea County the multiplier is equal to 3.17 ($40,541 / 12,795$). This ratio suggests that the addition of each basic sector job in Lea County would be associated with additional 3.17 non-basic sector jobs. The export base multiplier (3.17) calculated above reinforces the importance of basic (exporting) industries to the economy of Lea 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 Lea 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 often includes appropriate combination of policies, which 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 the economic data and the U.S. Census for population data. Between 2012 and 2013, the population of Lea increased by 2.87 percent, from 66,165 in 2012 to 68,062 in 2013. Total employment increased from 2012 to 2013 by 4.93 percent or 1,903 jobs. Per capita income in Lea County increased from \$43,743 in 2012 to \$44,040 in 2013. Lea County retained their sixth position rank in terms of per capita income from the prior year.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Lea County (US Base) 2007 - 2013

US Base	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	1.04	1.06	1.05	1.05	1.07	1.06	1.07
Proprietors employment	0.85	0.78	0.80	0.82	0.77	0.78	0.76
Farm proprietors employment	1.26	1.20	1.25	1.31	1.35	1.35	1.32
Nonfarm proprietors employment	0.83	0.76	0.78	0.80	0.74	0.75	0.74
By industry							
Farm employment	1.46	1.34	1.42	1.42	1.43	1.43	1.44
Nonfarm employment	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	1.03	1.04	1.03	1.03	1.03	1.04	1.04
Forestry, fishing, and related activities	N/A	0.59	N/A	N/A	N/A	N/A	N/A
Mining	38.90	33.15	29.74	28.37	28.76	27.35	27.65
Utilities	3.84	3.99	2.52	2.81	2.81	2.72	2.65
Construction	1.20	1.53	1.63	1.60	1.77	1.63	1.82
Manufacturing	0.26	0.28	0.38	0.40	0.42	0.43	0.42
Wholesale trade	0.96	0.92	0.93	0.86	0.88	0.90	0.86
Retail trade	0.89	0.86	0.94	0.95	0.97	0.91	0.89
Transportation and warehousing	1.25	1.33	1.31	1.21	1.48	1.65	1.55
Information	0.51	0.53	0.55	0.54	0.53	0.53	0.50
Finance and insurance	0.48	0.46	0.47	0.49	0.46	0.39	0.39
Real estate and rental and leasing	0.68	0.62	0.65	0.67	0.68	0.70	0.70
Professional, scientific, and technical services	0.42	0.39	0.42	0.41	0.39	0.38	0.37
Management of companies and enterprises	0.33	0.37	0.40	0.41	0.33	0.30	0.29
Administrative and waste management services	0.88	0.90	0.95	0.97	0.97	0.89	0.85
Educational services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	0.79	0.73	0.68	N/A	N/A
Arts, entertainment, and recreation	0.80	0.77	0.74	0.67	0.66	0.61	0.56
Accommodation and food services	0.89	0.85	0.91	0.91	0.91	0.87	0.88
Other services, except public administration	0.96	0.95	0.92	0.90	0.90	0.88	0.86
Government and government enterprises	0.76	0.74	0.79	0.78	0.74	0.71	0.71
Federal, civilian	0.19	0.18	0.19	0.20	0.16	0.14	0.14
Military	0.38	0.39	0.40	0.41	0.41	0.40	0.40
State and local	0.88	0.86	0.91	0.91	0.87	0.82	0.82
State government	0.28	0.27	0.28	0.27	0.25	0.24	0.23
Local government	1.10	1.07	1.15	1.15	1.10	1.04	1.05
Total employment	1.00	1.00	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 Lea County (NM Base) 2007 - 2013

NM Based	2007	2008	2009	2010	2011	2012	2013	
By type								
Wage and salary employment	1.04	1.06	1.05	1.04	1.05	1.05	1.06	
Proprietors employment	0.84	0.78	0.82	0.85	0.80	0.82	0.79	
Farm proprietors employment	0.81	0.80	0.82	0.81	0.77	0.73	0.70	
Nonfarm proprietors employment	0.84	0.78	0.82	0.85	0.80	0.82	0.80	
By industry								
Farm employment	0.93	0.89	0.93	0.91	0.86	0.82	0.79	
Nonfarm employment	1.00	1.00	1.00	1.00	1.00	1.00	1.01	
Private nonfarm employment	1.11	1.12	1.12	1.12	1.13	1.14	1.14	
Forestry, fishing, and related activities	N/A	0.59	N/A	N/A	N/A	N/A	N/A	
Mining	9.71	8.75	8.46	8.15	7.61	7.40	7.14	
Utilities	3.07	3.21	1.90	2.20	2.17	2.07	1.96	
Construction	1.05	1.32	1.43	1.41	1.58	1.50	1.67	
Manufacturing	0.53	0.60	0.80	0.87	0.89	0.91	0.88	
Wholesale trade	1.35	1.30	1.33	1.19	1.24	1.28	1.22	
Retail trade	0.88	0.84	0.92	0.93	0.94	0.88	0.86	
Transportation and warehousing	1.66	1.79	1.85	1.74	2.09	2.28	2.17	
Information	0.59	0.60	0.65	0.63	0.63	0.62	0.61	
Finance and insurance	0.77	0.74	0.77	0.80	0.77	0.65	0.64	
Real estate and rental and leasing	0.75	0.70	0.75	0.79	0.82	0.85	0.85	
Professional, scientific, and technical services	0.37	0.35	0.38	0.38	0.36	0.36	0.36	
Management of companies and enterprises	0.65	0.80	0.89	0.93	0.75	0.72	0.69	
Administrative and waste management services	1.00	1.00	1.06	1.14	1.15	1.10	1.05	
Educational services	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Health care and social assistance	N/A	N/A	0.77	0.72	0.65	N/A	N/A	
Arts, entertainment, and recreation	0.80	0.77	0.74	0.68	0.67	0.62	0.56	
Accommodation and food services	0.79	0.77	0.83	0.83	0.82	0.79	0.80	
Other services, except public administration	1.06	1.03	1.02	1.00	1.01	0.98	0.96	
Government and government enterprises	0.54	0.53	0.55	0.54	0.51	0.48	0.48	
Federal, civilian	0.11	0.10	0.10	0.11	0.08	0.08	0.08	
Military	0.32	0.35	0.34	0.31	0.29	0.27	0.26	
State and local	0.64	0.62	0.66	0.65	0.62	0.58	0.58	
State government	0.15	0.14	0.15	0.15	0.14	0.13	0.12	
Local government	0.92	0.89	0.95	0.94	0.89	0.83	0.83	
Total employment	1.0	1.0	1.0	1.0	1.0	1.00	1.00	
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>								

Table 3: Lea County Total Employment by Industry 2013		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	33,727	83.19
Proprietors employment	6,814	16.81
Farm proprietors employment	539	1.33
Nonfarm proprietors employment	6,275	15.48
By industry		0.00
Farm employment	843	2.08
Nonfarm employment	39,698	97.92
Private nonfarm employment	35,910	88.58
Forestry, fishing, and related activities	(D)	N/A
Mining	9,882	24.38
Utilities	340	0.84
Construction	3,744	9.24
Manufacturing	1,178	2.91
Wholesale trade	1,210	2.98
Retail trade	3,647	9.00
Transportation and warehousing	2,070	5.11
Information	365	0.90
Finance and insurance	856	2.11
Real estate and rental and leasing	1,240	3.06
Professional, scientific, and technical services	1,025	2.53
Management of companies and enterprises	144	0.36
Administrative and waste management services	2,146	5.29
Educational services	(D)	N/A
Health care and social assistance	(D)	N/A
Arts, entertainment, and recreation	511	1.26
Accommodation and food services	2,565	6.33
Other services, except public administration	2,020	4.98
Government and government enterprises	3,788	9.34
Federal, civilian	88	0.22
Military	182	0.45
State and local	3,518	8.68
State government	271	0.67
Local government	3,247	8.01
Total employment	40,541	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>		

Table 4: Lea County Employment by Industry 2007-2013

Number of jobs by industry	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	29,358	31,019	28,487	28,295	30,083	31,997	33,727
Proprietors employment	6,098	5,882	5,929	6,128	6,163	6,641	6,814
Farm proprietors employment	475	471	469	493	522	536	539
Nonfarm proprietors employment 2/	5,623	5,411	5,460	5,635	5,641	6,105	6,275
By industry							
Farm employment	769	727	738	745	776	811	843
Nonfarm employment	34,687	36,174	33,678	33,678	35,470	37,827	39,698
Private nonfarm employment	31,047	32,440	29,843	29,854	31,753	34,150	35,910
Forestry, fishing, and related activities	(D)	104	(D)	(D)	(D)	(D)	(D)
Mining	7,762	8,254	6,624	7,157	7,355	9,159	9,882
Utilities	439	489	293	326	333	340	340
Construction	2,715	3,420	3,075	2,802	3,191	3,150	3,744
Manufacturing	732	814	930	974	1,078	1,177	1,178
Wholesale trade	1,249	1,237	1,129	1,036	1,111	1,214	1,210
Retail trade	3,352	3,302	3,339	3,317	3,565	3,578	3,647
Transportation and warehousing	1,461	1,592	1,439	1,321	1,729	2,094	2,070
Information	359	381	363	348	354	370	365
Finance and insurance	831	859	880	901	930	819	856
Real estate and rental and leasing	1,035	987	966	1,020	1,109	1,184	1,240
Professional, scientific, and technical services	981	961	987	960	962	1,001	1,025
Management of companies and enterprises	126	158	159	163	140	142	144
Administrative and waste management services	1,929	2,001	1,903	2,005	2,145	2,127	2,146
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	2,912	2,776	2,712	(D)	(D)
Arts, entertainment, and recreation	585	599	549	508	526	527	511
Accommodation and food services	2,158	2,155	2,167	2,178	2,313	2,385	2,565
Other services, except public administration	1,942	1,973	1,818	1,750	1,897	1,987	2,020
Government and government enterprises	3,640	3,734	3,835	3,824	3,717	3,677	3,788
Federal, civilian	106	105	106	121	94	88	88
Military	154	165	167	170	176	178	182
State and local	3,380	3,464	3,562	3,533	3,447	3,411	3,518
State government	288	289	293	286	274	272	271
Local government	3,092	3,175	3,269	3,247	3,173	3,139	3,247
Total employment	35,456	36,901	34,416	34,423	36,246	38,638	40,541

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

Table 5: New Mexico Employment by Industry 2007-2013

Number of jobs by industry	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	878,592	881,856	849,122	837,320	837,281	842,188	849,701
Proprietors employment	225,934	225,146	225,004	221,868	225,588	225,053	229,366
Farm proprietors employment	18,193	17,745	17,752	18,664	19,791	20,332	20,424
Nonfarm proprietors employment 2/	207,741	207,401	207,252	203,204	205,797	204,721	208,942
By industry							
Farm employment	25,804	24,406	24,710	25,211	26,399	27,461	28,310
Nonfarm employment	1,078,722	1,082,596	1,049,416	1,033,977	1,036,470	1,039,780	1,050,757
Private nonfarm employment	868,783	869,301	833,198	816,542	822,659	827,901	839,397
Forestry, fishing, and related activities	5,172	5,311	5,307	5,215	5,237	5,156	5,219
Mining	24,891	28,295	24,432	27,022	28,356	34,188	36,824
Utilities	4,451	4,564	4,801	4,565	4,508	4,542	4,612
Construction	80,478	77,887	67,177	61,238	59,293	58,116	59,519
Manufacturing	42,810	40,595	36,422	34,537	35,613	35,670	35,431
Wholesale trade	28,749	28,606	26,582	26,801	26,373	26,100	26,392
Retail trade	118,682	117,897	113,809	110,226	111,331	111,781	113,064
Transportation and warehousing	27,380	26,629	24,279	23,351	24,281	25,336	25,419
Information	18,805	18,942	17,457	17,114	16,469	16,477	16,035
Finance and insurance	33,693	34,628	35,848	34,550	35,451	35,053	35,651
Real estate and rental and leasing	42,998	42,557	40,380	39,916	39,833	38,407	39,024
Professional, scientific, and technical services	81,912	82,032	80,366	78,331	77,473	76,106	75,906
Management of companies and enterprises	6,073	5,906	5,587	5,406	5,504	5,456	5,553
Administrative and waste management services	60,352	60,260	55,817	54,266	54,742	53,420	54,433
Educational services	15,714	15,908	16,263	16,734	16,208	16,101	16,002
Health care and social assistance	111,692	114,683	118,041	119,378	121,489	123,288	124,570
Arts, entertainment, and recreation	22,840	23,229	23,212	22,981	23,007	23,592	24,247
Accommodation and food services	85,075	83,953	81,660	81,122	82,309	83,203	85,309
Other services, except public administration	57,016	57,419	55,758	53,789	55,182	55,909	56,187
Government and government enterprises	209,939	213,295	216,218	217,435	213,811	211,879	211,360
Federal, civilian	30,359	30,769	31,994	33,728	32,611	31,631	30,398
Military	15,118	14,277	15,252	17,136	18,057	18,178	18,350
State and local	164,462	168,249	168,972	166,571	163,143	162,070	162,612
State government	59,518	60,958	61,193	60,408	58,306	57,520	57,938
Local government	104,944	107,291	107,779	106,163	104,837	104,550	104,674
Total employment	1,104,526	1,107,002	1,074,126	1,059,188	1,062,869	1,067,241	1,079,067
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N</i>							

Table 6: United States Employment by Industry 2007-2013

Number of jobs by industry	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	143,512,000	143,010,000	136,839,000	135,526,000	137,105,000	139,492,000	142,173,000
Proprietors employment	36,373,700	36,635,900	37,404,700	37,518,700	39,181,700	39,354,000	40,105,200
Farm proprietors employment	1,914,000	1,903,000	1,894,000	1,892,000	1,884,000	1,844,000	1,839,000
Nonfarm proprietors employment 2/	34,459,700	34,732,900	35,510,700	35,626,700	37,297,700	37,510,000	38,266,200
By industry							
Farm employment	2,664,000	2,634,000	2,633,000	2,646,000	2,647,000	2,623,000	2,629,000
Nonfarm employment	177,221,700	177,011,900	171,610,700	170,398,700	173,639,700	176,223,000	179,649,200
Private nonfarm employment	152,967,700	152,406,900	146,918,700	145,726,700	149,350,700	152,120,000	155,604,200
Forestry, fishing, and related activities	840,600	857,200	845,400	855,400	860,600	890,400	902,800
Mining	1,012,300	1,212,200	1,127,600	1,268,000	1,244,000	1,550,100	1,607,000
Utilities	580,600	597,300	589,800	582,200	575,500	577,600	577,600
Construction	11,462,000	10,847,800	9,529,900	8,793,700	8,774,800	8,968,800	9,267,400
Manufacturing	14,471,800	13,980,300	12,489,200	12,102,900	12,385,700	12,607,200	12,747,100
Wholesale trade	6,584,600	6,529,600	6,149,300	6,024,000	6,160,300	6,247,500	6,343,500
Retail trade	19,023,300	18,609,900	17,889,700	17,591,600	17,954,300	18,105,800	18,371,300
Transportation and warehousing	5,949,900	5,845,600	5,567,200	5,474,200	5,684,800	5,881,400	5,998,600
Information	3,556,900	3,513,400	3,312,300	3,222,600	3,230,000	3,225,700	3,254,300
Finance and insurance	8,795,600	9,115,200	9,472,800	9,202,400	9,751,500	9,704,400	9,873,900
Real estate and rental and leasing	7,768,500	7,703,200	7,533,200	7,697,000	7,936,300	7,858,700	7,985,300
Professional, scientific, and technical services	11,938,100	12,144,900	11,760,800	11,755,800	11,970,100	12,221,100	12,453,000
Management of companies and enterprises	1,960,600	2,075,200	2,024,300	2,019,400	2,080,600	2,178,200	2,265,400
Administrative and waste management services	11,077,500	10,778,900	10,120,000	10,402,200	10,753,600	11,042,400	11,325,100
Educational services	3,738,800	3,844,300	3,972,200	4,089,900	4,122,600	4,201,200	4,221,300
Health care and social assistance	18,014,300	18,460,900	18,771,700	19,089,900	19,417,200	19,750,500	20,585,600
Arts, entertainment, and recreation	3,710,100	3,798,800	3,754,100	3,788,400	3,873,300	3,982,900	4,114,500
Accommodation and food services	12,267,000	12,331,100	11,991,500	11,986,300	12,343,400	12,682,400	13,093,400
Other services, except public administration	10,215,200	10,161,100	10,017,700	9,780,800	10,232,100	10,443,700	10,617,100
Government and government enterprises	24,254,000	24,605,000	24,692,000	24,672,000	24,289,000	24,103,000	24,045,000
Federal, civilian	2,784,000	2,819,000	2,887,000	3,035,000	2,918,000	2,875,000	2,826,000
Military	2,042,000	2,079,000	2,092,000	2,100,000	2,081,000	2,056,000	2,032,000
State and local	19,428,000	19,707,000	19,713,000	19,537,000	19,290,000	19,172,000	19,187,000
State government	5,212,000	5,285,000	5,305,000	5,293,000	5,266,000	5,254,000	5,260,000
Local government	14,216,000	14,422,000	14,408,000	14,244,000	14,024,000	13,918,000	13,927,000
Total employment	179885700	179645900	174243700	173044700	176286700	178846000	182278200
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N</i>							

Table 7: Lea County, New Mexico and United States Percent of Employment by Industry 2013

	United States	New Mexico	Lea County
By type			
Wage and salary employment	78.00	78.74	83.19
Proprietors employment	22.00	21.26	16.81
Farm proprietors employment	1.01	1.89	1.33
Nonfarm proprietors employment	20.99	19.36	15.48
By industry			
Farm employment	1.44	2.62	2.08
Nonfarm employment	98.56	97.38	97.92
Private nonfarm employment	85.37	77.79	88.58
Forestry, fishing, and related activities	0.50	0.48	N/A
Mining	0.88	3.41	24.38
Utilities	0.32	0.43	0.84
Construction	5.08	5.52	9.24
Manufacturing	6.99	3.28	2.91
Wholesale trade	3.48	2.45	2.98
Retail trade	10.08	10.48	9.00
Transportation and warehousing	3.29	2.36	5.11
Information	1.79	1.49	0.90
Finance and insurance	5.42	3.30	2.11
Real estate and rental and leasing	4.38	3.62	3.06
Professional, scientific, and technical services	6.83	7.03	2.53
Management of companies and enterprises	1.24	0.51	0.36
Administrative and waste management services	6.21	5.04	5.29
Educational services	2.32	1.48	N/A
Health care and social assistance	11.29	11.54	N/A
Arts, entertainment, and recreation	2.26	2.25	1.26
Accommodation and food services	7.18	7.91	6.33
Other services, except public administration	5.82	5.21	4.98
Government and government enterprises	13.19	19.59	9.34
Federal, civilian	1.55	2.82	0.22
Military	1.11	1.70	0.45
State and local	10.53	15.07	8.68
State government	2.89	5.37	0.67
Local government	7.64	9.70	8.01
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: Lea County Percent of Employment by Sectors 2007 - 2013

Description	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	82.80	84.06	82.77	82.20	83.00	82.81	83.19
Proprietors employment	17.20	15.94	17.23	17.80	17.00	17.19	16.81
Farm proprietors employment	1.34	1.28	1.36	1.43	1.44	1.39	1.33
Nonfarm proprietors employment	15.86	14.66	15.86	16.37	15.56	15.80	15.48
By industry							
Farm employment	2.17	1.97	2.14	2.16	2.14	2.10	2.08
Nonfarm employment	97.83	98.03	97.86	97.84	97.86	97.90	97.92
Private nonfarm employment	87.56	87.91	86.71	86.73	87.60	88.38	88.58
Forestry, fishing, and related activities	N/A	0.28	N/A	N/A	N/A	N/A	N/A
Mining	21.89	22.37	19.25	20.79	20.29	23.70	24.38
Utilities	1.24	1.33	0.85	0.95	0.92	0.88	0.84
Construction	7.66	9.27	8.93	8.14	8.80	8.15	9.24
Manufacturing	2.06	2.21	2.70	2.83	2.97	3.05	2.91
Wholesale trade	3.52	3.35	3.28	3.01	3.07	3.14	2.98
Retail trade	9.45	8.95	9.70	9.64	9.84	9.26	9.00
Transportation and warehousing	4.12	4.31	4.18	3.84	4.77	5.42	5.11
Information	1.01	1.03	1.05	1.01	0.98	0.96	0.90
Finance and insurance	2.34	2.33	2.56	2.62	2.57	2.12	2.11
Real estate and rental and leasing	2.92	2.67	2.81	2.96	3.06	3.06	3.06
Professional, scientific, and technical services	2.77	2.60	2.87	2.79	2.65	2.59	2.53
Management of companies and enterprises	0.36	0.43	0.46	0.47	0.39	0.37	0.36
Administrative and waste management services	5.44	5.42	5.53	5.82	5.92	5.50	5.29
Educational services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Health care and social assistance	N/A	N/A	8.46	8.06	7.48	N/A	N/A
Arts, entertainment, and recreation	1.65	1.62	1.60	1.48	1.45	1.36	1.26
Accommodation and food services	6.09	5.84	6.30	6.33	6.38	6.17	6.33
Other services, except public administration	5.48	5.35	5.28	5.08	5.23	5.14	4.98
Government and government enterprises	10.27	10.12	11.14	11.11	10.25	9.52	9.34
Federal, civilian	0.30	0.28	0.31	0.35	0.26	0.23	0.22
Military	0.43	0.45	0.49	0.49	0.49	0.46	0.45
State and local	9.53	9.39	10.35	10.26	9.51	8.83	8.68
State government	0.81	0.78	0.85	0.83	0.76	0.70	0.67
Local government	8.72	8.60	9.50	9.43	8.75	8.12	8.01
Total employment	100.00	100.00	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 2007 - 2013

Description	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	79.54	79.66	79.05	79.05	78.78	78.91	78.74
Proprietors employment	20.46	20.34	20.95	20.95	21.22	21.09	21.26
Farm proprietors employment	1.65	1.60	1.65	1.76	1.86	1.91	1.89
Nonfarm proprietors employment	18.81	18.74	19.29	19.18	19.36	19.18	19.36
By industry							
Farm employment	2.34	2.20	2.30	2.38	2.48	2.57	2.62
Nonfarm employment	97.66	97.80	97.70	97.62	97.52	97.43	97.38
Private nonfarm employment	78.66	78.53	77.57	77.09	77.40	77.57	77.79
Forestry, fishing, and related activities	0.47	0.48	0.49	0.49	0.49	0.48	0.48
Mining	2.25	2.56	2.27	2.55	2.67	3.20	3.41
Utilities	0.40	0.41	0.45	0.43	0.42	0.43	0.43
Construction	7.29	7.04	6.25	5.78	5.58	5.45	5.52
Manufacturing	3.88	3.67	3.39	3.26	3.35	3.34	3.28
Wholesale trade	2.60	2.58	2.47	2.53	2.48	2.45	2.45
Retail trade	10.75	10.65	10.60	10.41	10.47	10.47	10.48
Transportation and warehousing	2.48	2.41	2.26	2.20	2.28	2.37	2.36
Information	1.70	1.71	1.63	1.62	1.55	1.54	1.49
Finance and insurance	3.05	3.13	3.34	3.26	3.34	3.28	3.30
Real estate and rental and leasing	3.89	3.84	3.76	3.77	3.75	3.60	3.62
Professional, scientific, and technical services	7.42	7.41	7.48	7.40	7.29	7.13	7.03
Management of companies and enterprises	0.55	0.53	0.52	0.51	0.52	0.51	0.51
Administrative and waste management services	5.46	5.44	5.20	5.12	5.15	5.01	5.04
Educational services	1.42	1.44	1.51	1.58	1.52	1.51	1.48
Health care and social assistance	10.11	10.36	10.99	11.27	11.43	11.55	11.54
Arts, entertainment, and recreation	2.07	2.10	2.16	2.17	2.16	2.21	2.25
Accommodation and food services	7.70	7.58	7.60	7.66	7.74	7.80	7.91
Other services, except public administration	5.16	5.19	5.19	5.08	5.19	5.24	5.21
Government and government enterprises	19.01	19.27	20.13	20.53	20.12	19.85	19.59
Federal, civilian	2.75	2.78	2.98	3.18	3.07	2.96	2.82
Military	1.37	1.29	1.42	1.62	1.70	1.70	1.70
State and local	14.89	15.20	15.73	15.73	15.35	15.19	15.07
State government	5.39	5.51	5.70	5.70	5.49	5.39	5.37
Local government	9.50	9.69	10.03	10.02	9.86	9.80	9.70
Total employment	100.00	100.00	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 2007 - 2013

Description	2007	2008	2009	2010	2011	2012	2013	
By type								
Wage and salary employment	79.78	79.61	78.53	78.32	77.77	78.00	78.00	
Proprietors employment	20.22	20.39	21.47	21.68	22.23	22.00	22.00	
Farm proprietors employment	1.06	1.06	1.09	1.09	1.07	1.03	1.01	
Nonfarm proprietors employment	19.16	19.33	20.38	20.59	21.16	20.97	20.99	
By industry								
Farm employment	1.48	1.47	1.51	1.53	1.50	1.47	1.44	
Nonfarm employment	98.52	98.53	98.49	98.47	98.50	98.53	98.56	
Private nonfarm employment	85.04	84.84	84.32	84.21	84.72	85.06	85.37	
Forestry, fishing, and related activities	0.47	0.48	0.49	0.49	0.49	0.50	0.50	
Mining	0.56	0.67	0.65	0.73	0.71	0.87	0.88	
Utilities	0.32	0.33	0.34	0.34	0.33	0.32	0.32	
Construction	6.37	6.04	5.47	5.08	4.98	5.01	5.08	
Manufacturing	8.04	7.78	7.17	6.99	7.03	7.05	6.99	
Wholesale trade	3.66	3.63	3.53	3.48	3.49	3.49	3.48	
Retail trade	10.58	10.36	10.27	10.17	10.18	10.12	10.08	
Transportation and warehousing	3.31	3.25	3.20	3.16	3.22	3.29	3.29	
Information	1.98	1.96	1.90	1.86	1.83	1.80	1.79	
Finance and insurance	4.89	5.07	5.44	5.32	5.53	5.43	5.42	
Real estate and rental and leasing	4.32	4.29	4.32	4.45	4.50	4.39	4.38	
Professional, scientific, and technical services	6.64	6.76	6.75	6.79	6.79	6.83	6.83	
Management of companies and enterprises	1.09	1.16	1.16	1.17	1.18	1.22	1.24	
Administrative and waste management services	6.16	6.00	5.81	6.01	6.10	6.17	6.21	
Educational services	2.08	2.14	2.28	2.36	2.34	2.35	2.32	
Health care and social assistance	10.01	10.28	10.77	11.03	11.01	11.04	11.29	
Arts, entertainment, and recreation	2.06	2.11	2.15	2.19	2.20	2.23	2.26	
Accommodation and food services	6.82	6.86	6.88	6.93	7.00	7.09	7.18	
Other services, except public administration	5.68	5.66	5.75	5.65	5.80	5.84	5.82	
Government and government enterprises	13.48	13.70	14.17	14.26	13.78	13.48	13.19	
Federal, civilian	1.55	1.57	1.66	1.75	1.66	1.61	1.55	
Military	1.14	1.16	1.20	1.21	1.18	1.15	1.11	
State and local	10.80	10.97	11.31	11.29	10.94	10.72	10.53	
State government	2.90	2.94	3.04	3.06	2.99	2.94	2.89	
Local government	7.90	8.03	8.27	8.23	7.96	7.78	7.64	
Total employment	100.00	100.00	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>								