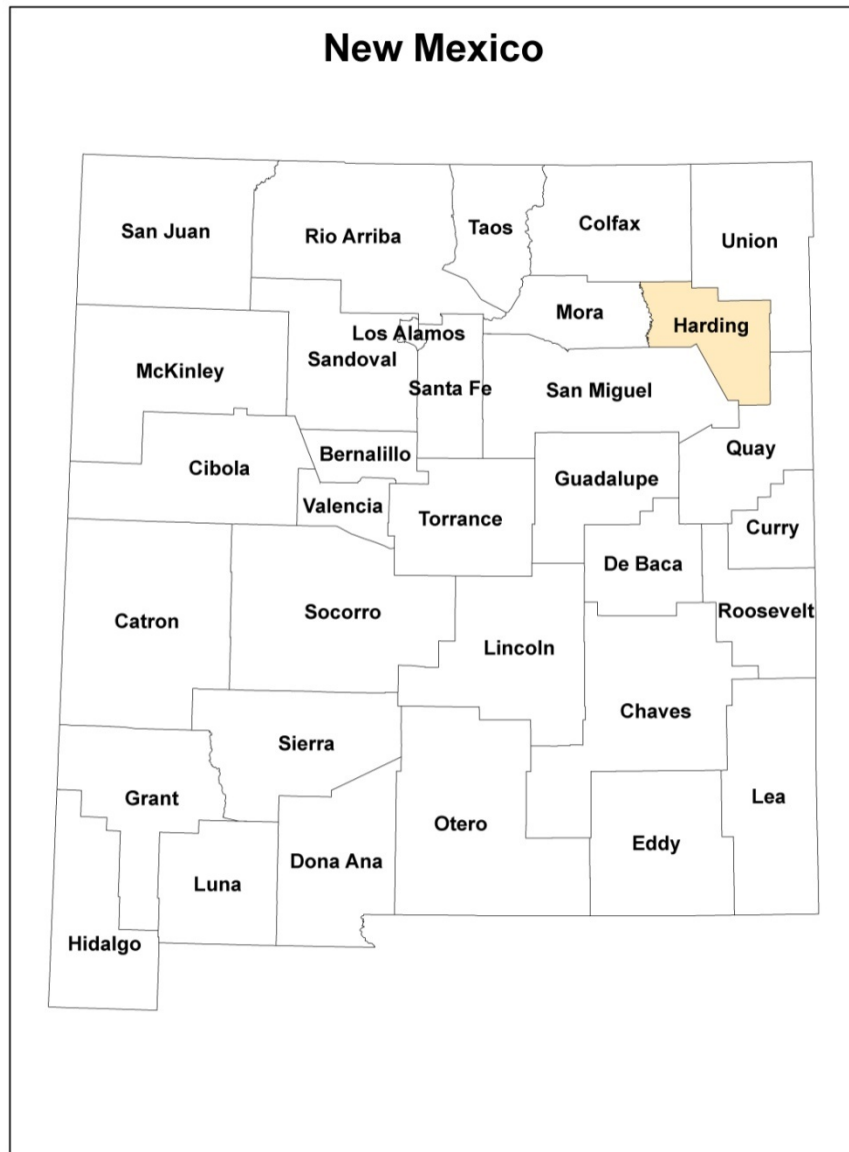




The Economic Base of Harding County, NM

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

DATE: July 2015



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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 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 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. This theory also suggests that economic growth depends on sectors that export goods and services out of the region (basic industries), as opposed to those businesses whose services remain local, (non-basic industries). Basic industries promote local economic growth by bringing jobs and income into the local economy. Non-basic industries serve local residents and provide support to basic industries.

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs

are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, a LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

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, a LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see

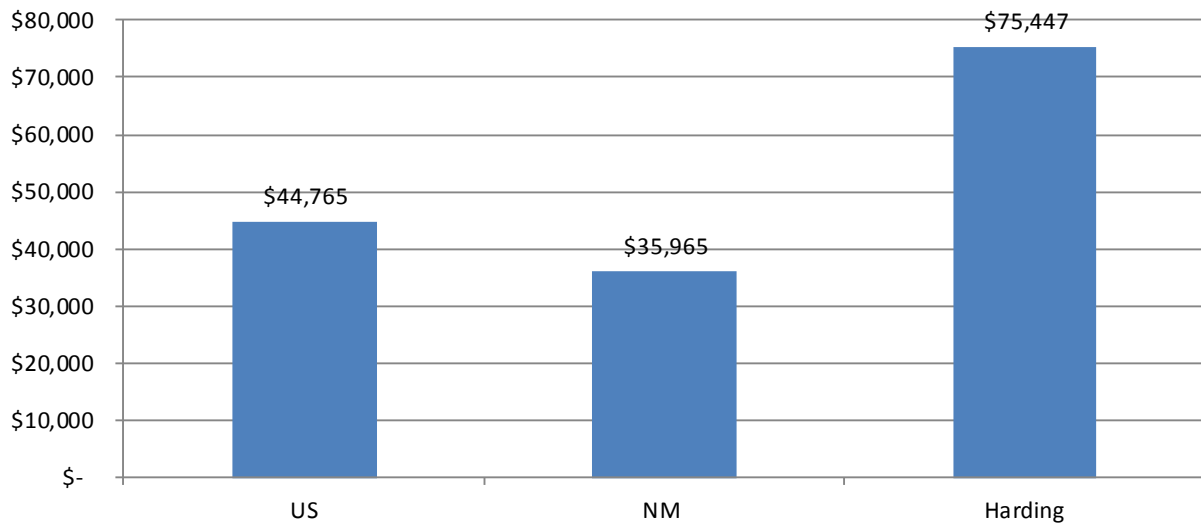
<http://arrowheadcenter.nmsu.edu/sites/default/files/uploadedcd/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated for the industries within Harding County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and 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.

Harding County, New Mexico

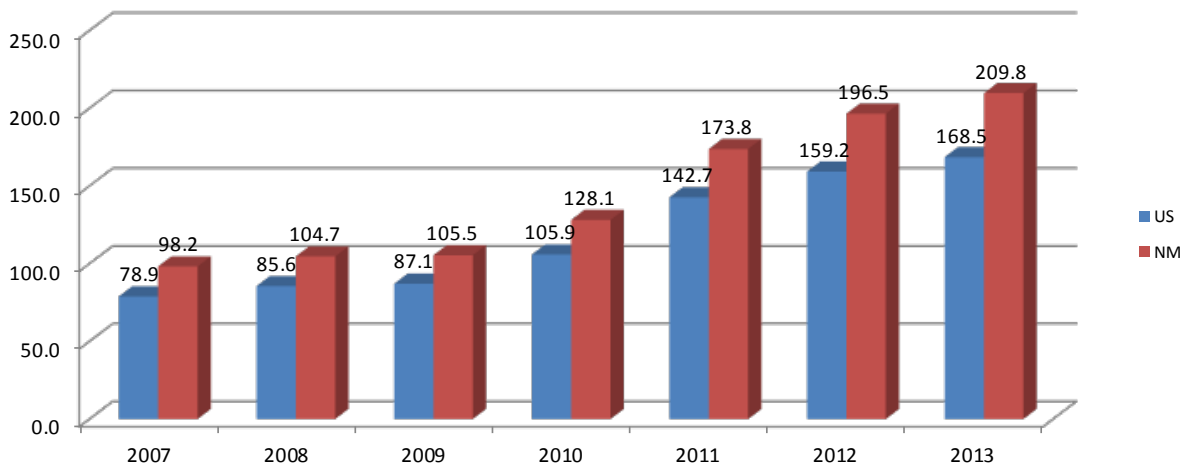
Harding County is located in north eastern New Mexico and contains 2,125.44 square miles, or 1.75 percent of the land area in New Mexico. The population for Harding County in 2013 was 693, or 0.03 percent of the state total, ranking as the least populated county in the state of New Mexico. Between 2007 and 2013, the population of Harding County decreased by 5.33 percent. The Village of Roy, with a population of 233 in 2013, represents 33.62 percent of Harding County's population. During the period from 2007 to 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 personal income for Harding County in 2013 was \$75,447, ranking first in the state. Per capita income for Harding County was 209.8 percent of the corresponding state figure of \$35,965 and 168.5 percent of the national average of \$44,765 (see figure 1). Between 2007 and 2013, the growth rate of per capita income in Harding County was 140.17 percent. This growth rate included the recovery from a decrease in per capita income in 2009 of 1.93 percent, followed by a growth rate of 23.93 percent in 2010, 42.14 percent in 2011 and 16.46 percent in 2012 and 7.22 percent in 2013. Harding's County overall per capita income growth rate for 2013 was substantially higher compared to the state growth rate of 0.45 percent and the nation's growth rate of 1.28 percent for the same period.

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



Total employment for Harding County in 2013 was 1,143, increasing by 60.53 percent from 2007 to 2013. During the same period, the state experience declining rate of employment of 2.30 percent

while the nation experienced an increasing rate of 1.33 percent. In 2013, Harding County's employment to population ratio was 1.65, which reflects the large share of commuting workers living outside the county. New Mexico's employment to population ratio was 0.52 and the national ratio was 0.58. Given the small population and limited number of establishments in Harding County, disaggregated data by industry for Harding County released from BEA is very limited. Also, data for industries with fewer than 10 employees are not released. In both cases, industry data are included in annual countywide totals.

In 2013, private sector employed 72.35 percent of all workers in Harding County, while Farm employment accounted for 18.20 percent and Government and government enterprises accounted for 9.45 percent of total employment. The industries in the private sector with the highest percentages of total employment included: Real estate and rental and leasing (4.72 percent), Transportation and warehousing (4.55). Mining which accounted for 7.42 percent of the total employment in 2011, with significant increase since 2007, was not disclosed for confidentiality reasons in 2013. State and local government employment data were undisclosed for the years considered, while Federal/civilian employment accounted 1.31 percent of the total employment. Employment for Harding County by sector is displayed in Table 3.

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

Table 1 contains LQs for Harding County from 2007 to 2013 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Harding County from 2007 to 2013 calculated with respect to the state of New Mexico. For the purposes of this report, a LQ greater than 1.0 with respect to the U.S. employment is considered as a basic industry. Sectors with LQs greater than 1.0 have been shaded.

The importance of agriculture to the economic base of Harding County is reflected in the highest LQ for the county, being Farm employment with a LQ of 12.62. The LQs for farm have exceeded 11.84 in all seven years considered. Farm employment, mainly through ranching and livestock production, is to be considered a basic industry for Harding County. Mining was considered a basic economic activity in Harding County in the prior years, with a LQ greater than 1.0 and increasing trend from 2007. The high LQ reflects the importance of the Bravo Dome field, which is one of the largest known natural deposits of carbon dioxide gas. Carbon Dioxide gas is utilized to enhance oil recovery and produce dry ice. However the data for Mining was undisclosed in 2013, therefore it will not be considered a basic industry in 2013. Transportation and warehousing with a LQ of 1.38 in 2013 will be considered a basic sector in Harding County. Real estate and rental and leasing sector with LQ of 1.08 in 2013 will also be

considered a basic industry in 2013 for Harding County. Though Educational services sector has an LQ of 1.44 in 2013, this sector is however best considered a non-basic sector for Harding County.

The entry labeled government and government enterprises is the aggregate figure of all government levels listed as government categories. From the government sectors, federal/civilian employment with a LQ of 0.85 is the only sector with a LQ close to 1.0. However, based on the years considered here, this figure has decreased over the 7-year period. This LQ reflects the employment base of the USDA National Finance Center located in the town of Roy. Thus, federal civilian employment is not considered a basic economic activity in Harding County.

The data for 2013 suggest the following industries to be considered basic in Harding County:

1. Farm employment accounted for 208 jobs.
2. Transportation and warehousing accounted for 52 jobs.
3. Real estate and rental and leasing accounted for 54 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 Harding County the multiplier is equal to 3.64 (1,143 / 314). This ratio suggests that the addition of each basic sector job in Harding County would be associated with additional 3.64 non-basic sector jobs. The export base multiplier (3.64) calculated above reinforces the importance of basic (exporting) industries to the economy of Harding 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 Harding 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 the economic data and the U.S. Census for population data. Between 2012 and 2013, the population for Harding County decreased by 0.86 percent. Per capita income increased by 7.22 percent from 2012 to 2013 from

\$70,369 in 2012 to \$75,447 in 2013. Total employment increased by 2.14 percent between 2012 and 2013, representing 24 jobs. Federal, civilian employment was not considered as a basic industries in 2013, as the LQ remained below 1.0 in 2013.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Harding County (US Base) 2007 - 2013							
US Base	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	0.41	0.35	0.33	0.29	0.27	0.26	0.26
Proprietors employment	3.32	3.54	3.44	3.57	3.56	3.61	3.61
Farm proprietors employment	17.69	14.37	13.98	13.00	12.69	13.26	13.27
Nonfarm proprietors employment	2.52	2.95	2.88	3.07	3.10	3.14	3.15
By industry							
Farm employment	17.73	13.95	13.66	12.28	11.84	12.37	12.62
Nonfarm employment	0.75	0.81	0.81	0.82	0.83	0.83	0.83
Private nonfarm employment	0.69	0.78	0.79	0.83	0.85	0.84	0.85
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mining	2.75	6.57	9.81	10.95	10.52	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Retail trade	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Transportation and warehousing	1.44	1.43	1.74	1.44	1.22	1.36	1.38
Information	N/A	N/A	N/A	0.60	0.80	0.79	0.78
Finance and insurance	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	1.46	1.30	1.18	1.19	1.12	1.10	1.08
Professional, scientific, and technical services	0.42	0.47	N/A	N/A	N/A	0.25	0.24
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.48	0.74	0.39	0.71	0.29	0.28	0.27
Educational services	N/A	0.69	0.70	1.07	1.49	1.45	1.44
Health care and social assistance	N/A	0.13	0.12	0.16	0.20	0.20	0.20
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Accommodation and food services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	1.14	0.95	0.89	0.80	0.75	0.77	0.72
Federal, civilian	1.27	1.16	1.03	0.93	0.94	0.89	0.85
Military	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State and local	1.21	0.99	0.94	0.85	0.78	0.82	0.76
State government	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total employment	1.00	1.00	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 Harding County (NM Base) 2007 - 2013

NM Based	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	0.41	0.35	0.33	0.29	0.26	0.26	0.26
Proprietors employment	3.28	3.55	3.53	3.69	3.73	3.77	3.74
Farm proprietors employment	11.43	9.50	9.19	8.07	7.29	7.18	7.07
Nonfarm proprietors employment	2.57	3.04	3.04	3.29	3.39	3.43	3.42
By industry							
Farm employment	11.24	9.28	8.97	7.89	7.16	7.05	6.94
Nonfarm employment	0.75	0.81	0.81	0.83	0.84	0.84	0.84
Private nonfarm employment	0.74	0.85	0.86	0.90	0.93	0.92	0.93
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mining	0.69	1.73	2.79	3.14	2.78	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manufacturing	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wholesale trade	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Retail trade	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Transportation and warehousing	1.93	1.94	2.46	2.07	1.73	1.88	1.93
Information	N/A	N/A	N/A	0.69	0.95	0.93	0.94
Finance and insurance	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Real estate and rental and leasing	1.62	1.45	1.36	1.40	1.35	1.34	1.31
Professional, scientific, and technical services	0.38	0.43	N/A	N/A	N/A	0.24	0.24
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	0.54	0.81	0.44	0.83	0.34	0.34	0.33
Educational services	N/A	1.03	1.05	1.61	2.28	2.25	2.24
Health care and social assistance	N/A	0.13	0.11	0.15	0.19	0.19	0.20
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Accommodation and food services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other services, except public administration	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Government and government enterprises	0.81	0.67	0.63	0.56	0.51	0.52	0.48
Federal, civilian	0.72	0.65	0.57	0.51	0.51	0.48	0.47
Military	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State and local	0.88	0.72	0.68	0.61	0.56	0.58	0.53
State government	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Local government	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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: Harding County Total Employment by Industry 2013		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	234	20.47
Proprietors employment	909	79.53
Farm proprietors employment	153	13.39
Nonfarm proprietors employment	756	66.14
By industry		
Farm employment	208	18.20
Nonfarm employment	935	81.80
Private nonfarm employment	827	72.35
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	(L)	N/A
Construction	(D)	N/A
Manufacturing	(D)	N/A
Wholesale trade	(D)	N/A
Retail trade	(D)	N/A
Transportation and warehousing	52	4.55
Information	16	1.40
Finance and insurance	(D)	N/A
Real estate and rental and leasing	54	4.72
Professional, scientific, and technical services	19	1.66
Management of companies and enterprises	0	0.00
Administrative and waste management services	19	1.66
Educational services	38	3.32
Health care and social assistance	26	2.27
Arts, entertainment, and recreation	(D)	N/A
Accommodation and food services	(D)	N/A
Other services, except public administration	(D)	N/A
Government and government enterprises	108	9.45
Federal, civilian	15	1.31
Military	(L)	N/A
State and local	91	7.96
State government	(D)	N/A
Local government	(D)	N/A
Total employment	1,143	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>		

Table 4: Harding County Employment by Industry 2007-2013							
Number of jobs by industry	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	234	244	230	223	227	230	234
Proprietors employment	478	636	652	762	864	889	909
Farm proprietors employment	134	134	134	140	148	153	153
Nonfarm proprietors employment 2/	344	502	518	622	716	736	756
By industry							
Farm employment	187	180	182	185	194	203	208
Nonfarm employment	525	700	700	800	897	916	935
Private nonfarm employment	416	586	589	687	785	800	827
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	11	39	56	79	81	(D)	(D)
Utilities	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Construction	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Manufacturing	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Retail trade	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and warehousing	34	41	49	45	43	50	52
Information	(L)	10	(L)	11	16	16	16
Finance and insurance	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Real estate and rental and leasing	45	49	45	52	55	54	54
Professional, scientific, and technical services	20	28	(D)	(D)	(D)	19	19
Management of companies and enterprises	0	0	0	0	0	0	0
Administrative and waste management services	21	39	20	42	19	19	19
Educational services	(L)	13	14	25	38	38	38
Health care and social assistance	(L)	12	11	17	24	25	26
Arts, entertainment, and recreation	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Accommodation and food services	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other services, except public administration	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Government and government enterprises	109	114	111	113	112	116	108
Federal, civilian	14	16	15	16	17	16	15
Military	(L)	(L)	(L)	(L)	(L)	(L)	(L)
State and local	93	96	94	95	93	98	91
State government	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Local government	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Total employment	712	880	882	985	1,091	1,119	1,143
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: Harding County, New Mexico and United States Percent of Employment by Industry 2013			
	United States	New Mexico	Harding County
By type			
Wage and salary employment	78.00	78.74	20.47
Proprietors employment	22.00	21.26	79.53
Farm proprietors employment	1.01	1.89	13.39
Nonfarm proprietors employment	20.99	19.36	66.14
By industry			
Farm employment	1.44	2.62	18.20
Nonfarm employment	98.56	97.38	81.80
Private nonfarm employment	85.37	77.79	72.35
Forestry, fishing, and related activities	0.50	0.48	N/A
Mining	0.88	3.41	N/A
Utilities	0.32	0.43	N/A
Construction	5.08	5.52	N/A
Manufacturing	6.99	3.28	N/A
Wholesale trade	3.48	2.45	N/A
Retail trade	10.08	10.48	N/A
Transportation and warehousing	3.29	2.36	4.55
Information	1.79	1.49	1.40
Finance and insurance	5.42	3.30	N/A
Real estate and rental and leasing	4.38	3.62	4.72
Professional, scientific, and technical services	6.83	7.03	1.66
Management of companies and enterprises	1.24	0.51	0.00
Administrative and waste management services	6.21	5.04	1.66
Educational services	2.32	1.48	3.32
Health care and social assistance	11.29	11.54	2.27
Arts, entertainment, and recreation	2.26	2.25	N/A
Accommodation and food services	7.18	7.91	N/A
Other services, except public administration	5.82	5.21	N/A
Government and government enterprises	13.19	19.59	9.45
Federal, civilian	1.55	2.82	1.31
Military	1.11	1.70	N/A
State and local	10.53	15.07	7.96
State government	2.89	5.37	N/A
Local government	7.64	9.70	N/A
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: Harding County Percent of Employment by Sectors 2007 - 2013

Description	2007	2008	2009	2010	2011	2012	2013	
By type								
Wage and salary employment	32.87	27.73	26.08	22.64	20.81	20.55	20.47	
Proprietors employment	67.13	72.27	73.92	77.36	79.19	79.45	79.53	
Farm proprietors employment	18.82	15.23	15.19	14.21	13.57	13.67	13.39	
Nonfarm proprietors employment	48.31	57.05	58.73	63.15	65.63	65.77	66.14	
By industry								
Farm employment	26.26	20.45	20.63	18.78	17.78	18.14	18.20	
Nonfarm employment	73.74	79.55	79.37	81.22	82.22	81.86	81.80	
Private nonfarm employment	58.43	66.59	66.78	69.75	71.95	71.49	72.35	
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Mining	1.54	4.43	6.35	8.02	7.42	N/A	N/A	
Utilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Manufacturing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Wholesale trade	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Retail trade	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Transportation and warehousing	4.78	4.66	5.56	4.57	3.94	4.47	4.55	
Information	N/A	N/A	N/A	1.12	1.47	1.43	1.40	
Finance and insurance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Real estate and rental and leasing	6.32	5.57	5.10	5.28	5.04	4.83	4.72	
Professional, scientific, and technical services	2.81	3.18	N/A	N/A	N/A	1.70	1.66	
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Administrative and waste management services	2.95	4.43	2.27	4.26	1.74	1.70	1.66	
Educational services	N/A	1.48	1.59	2.54	3.48	3.40	3.32	
Health care and social assistance	N/A	1.36	1.25	1.73	2.20	2.23	2.27	
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Accommodation and food services	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Other services, except public administration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Government and government enterprises	15.31	12.95	12.59	11.47	10.27	10.37	9.45	
Federal, civilian	1.97	1.82	1.70	1.62	1.56	1.43	1.31	
Military	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
State and local	13.06	10.91	10.66	9.64	8.52	8.76	7.96	
State government	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Local government	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
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	
<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 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>							