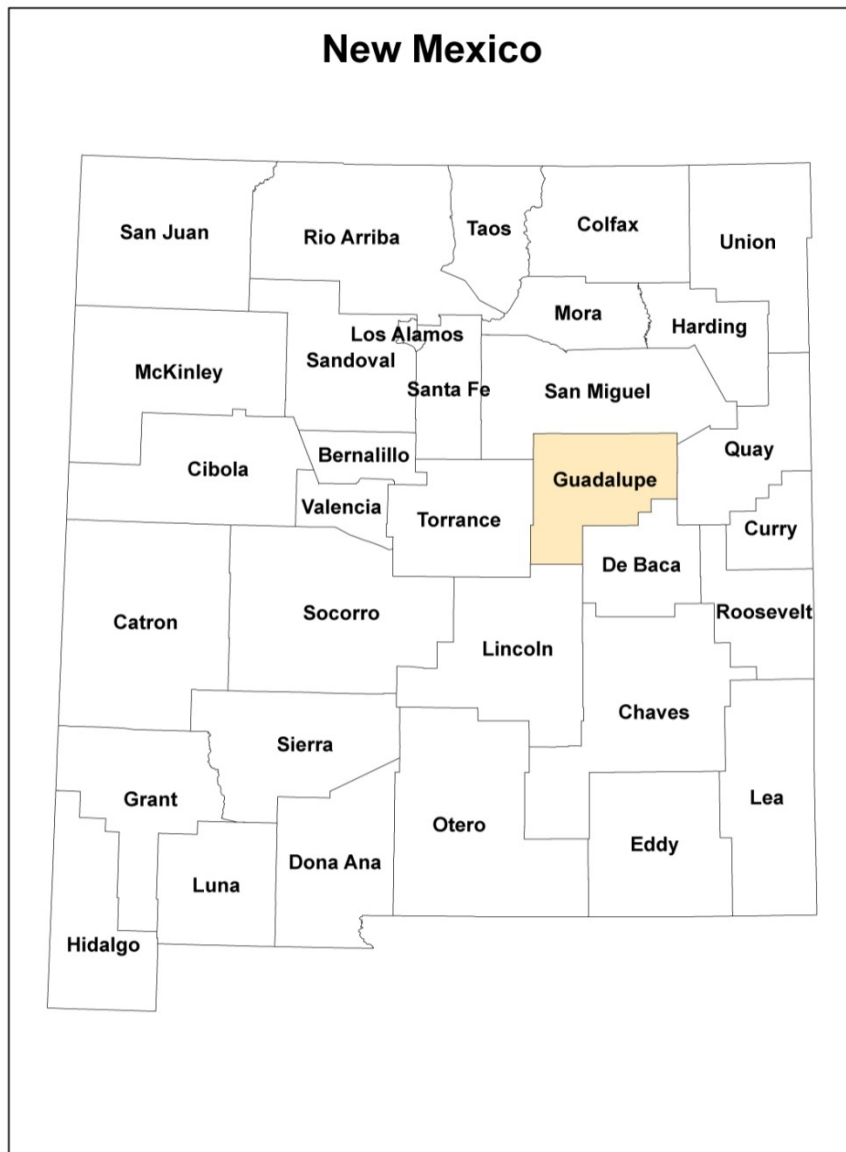




The Economic Base of Guadalupe County, NM

**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 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:

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

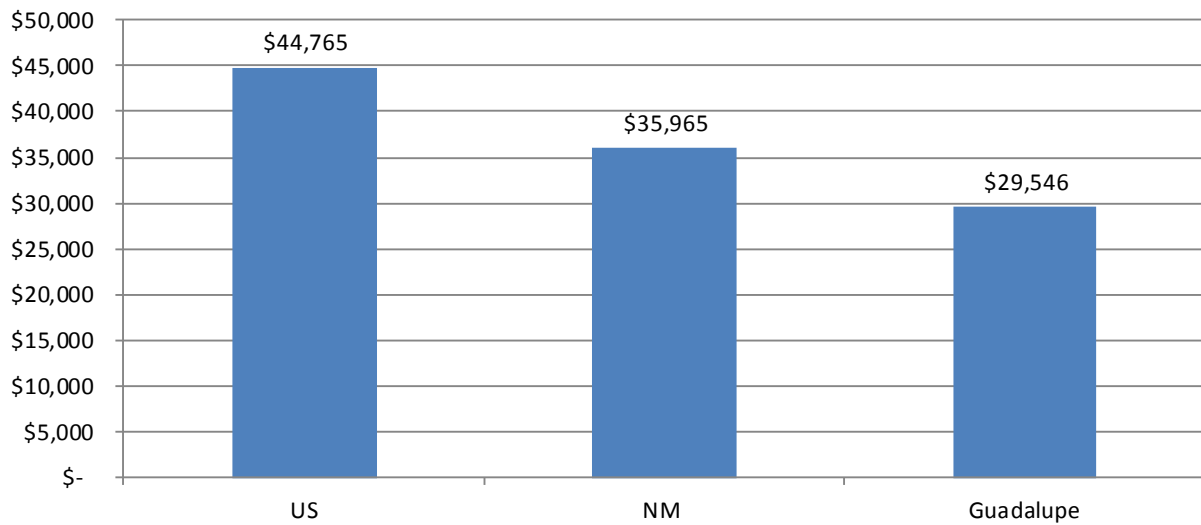
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, as the state or national economy. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the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

In this report, LQs are calculated for industries within Guadalupe County with national employment as basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and for the six preceding years (2007-2013). The data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at www.bea.gov.

Guadalupe County, New Mexico

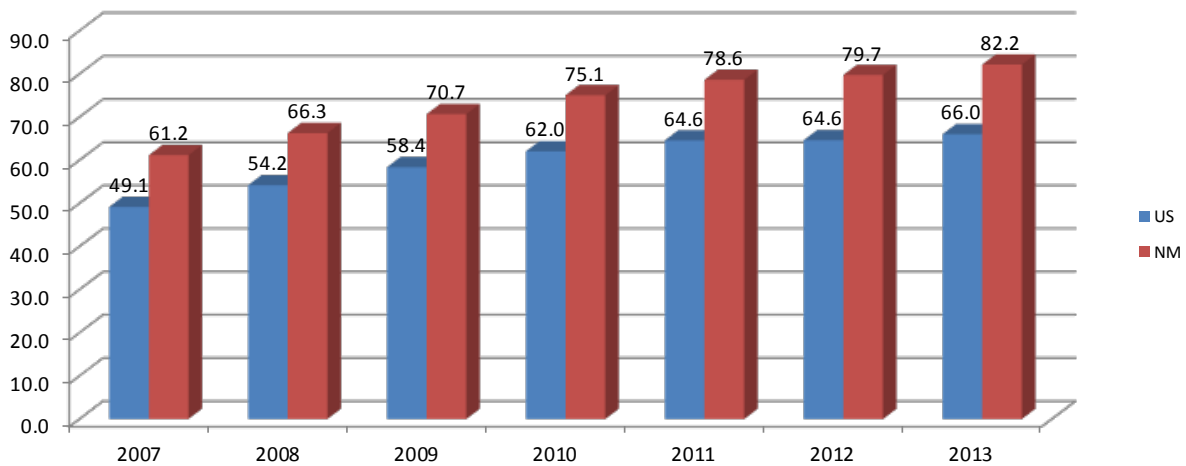
Guadalupe County is located in central eastern New Mexico and contains 3,030.48 square miles, or 2.50 percent of the land area in New Mexico. The population of Guadalupe County in 2013 was 4,551 or 0.22 percent of the state total, ranking 29th in the state of New Mexico in terms of population. Between 2007 and 2013, the population of Guadalupe County decreased by 4.37 percent. The City of Santa Rosa, with a population of 2,774 in 2013 accounted for 60.95 percent of the population of Guadalupe County. During the period between 2007 and 2013, New Mexico's population increased by 4.78 percent the United States' population increased by 4.95 percent.

Figure 1. Per Capita Personal Income 2013



Per capita personal income for Guadalupe County in 2013 was \$29,546, ranking 31st in the state. Per capita income for Guadalupe County was 82.2 percent of the corresponding state figure of \$35,965 and 66.0 percent of the national average of \$44,765 (see figure 1). Between 2007 and 2013, the growth rate of per capita income in Guadalupe County increased by 51.08 percent, substantially higher compared to the state (12.46 percent) and to the nation (12.46 percent) for the same period. Per capita income growth rate was positive for all years considered. However, given low levels of per capita income in the county, this percent growth rate represented \$9,989 increase between 2007 and 2013.

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



Total employment for Guadalupe County in 2013 was 2,465. Between 2007 and 2013, total employment in Guadalupe County increased by 18.40 percent, compared to the decline in employment

of 2.30 percent for the state and increase of 1.33 percent for the nation. The employment to population ratio for Guadalupe County was 0.54, compared to the state ratio (0.52) and the national ratio (0.58). Given the small population and limited number of establishments in Guadalupe County, released BEA data on employment by industry for the county is very limited to protect confidentiality. Data for industries with fewer than 10 employees was not released. Industry data for both are included in annual countywide totals.

In 2013, the Private sector employed 70.06 percent of workers in Guadalupe County, while Government and government enterprises accounted for 17.89 percent and Farm employment accounted for 12.05 percent of total employment. The industries in the Private sector with the highest percentage of total employment included: Accommodation and food services (16.39 percent), Retail trade (10.39), and Health care and social assistance (6.41). Employment in public sector is largely concentrated in Local government (12.45 percent of total employment). State government had 4.02 percent, while Federal/civilian accounted for 0.97 percent and Military employment accounted for 0.45 percent of public employment. Employment for Guadalupe County by sector is displayed in Table 3.

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

Table 1 contains LQs for Guadalupe County from 2007 to 2013 calculated using data for the United States as the basis for comparison. Table 2 contains LQs for Guadalupe 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 U.S. employment is considered as a basic industry. Sectors with a LQ greater than 1.0 have been shaded.

Guadalupe County level of specialization in agricultural sector is reflected in a higher LQ for this county, farm employment with a LQ of 8.35, which has been greater than 7.81 in all years considered. Farm employment is to be considered a basic industry for Guadalupe County. Accommodation and food services should also be considered basic economic sector in Guadalupe County. This industry had a LQ of 2.28 in 2013 and LQs exceeding 2.28 in all years considered. These LQs reflects the influence of tourism in the economy and tourism in Santa Rosa and its surroundings, including a large choice of lakes. Tourism has resulted in increases in the number of hotel rooms available in Santa Rosa on or near heavily traveled Interstate 40. Retail trade with LQ of 1.03 in 2013 is also considered a basic industry for Guadalupe County in, due to the demand of tourism on retail activities. Transportation and warehousing had a LQ of 1.08 for 2013 and it is also considered a basic industry.

Government and government enterprises are the aggregate figures of all government levels listed as government categories. The only government sectors with LQs greater than 1.0 in 2013 were state government with a LQ of 1.39 and local government with a LQ of 1.63. In this analysis, only state government will be considered a basic industry. Local government is generally categorized as non-basic given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Guadalupe County will be considered a non-basic industry. Federal/civilian employment has decreased in importance for Guadalupe, having LQs smaller than 1.0 starting in 2008.

The data and analysis for 2013 suggest the following industries should be considered basic in Guadalupe County:

1. Farm employment accounted for 297 jobs.
2. Accommodation and food services accounted for 404 jobs.
3. Transportation and warehousing accounted for 88 jobs.
4. State government accounted for 99 jobs.
5. Retail trade accounted for 256 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 Guadalupe County the multiplier is equal to 2.16(2,465 / 1144). This ratio suggests that the addition of each basic sector job in Guadalupe County would be associated with additional 2.16 non-basic sector jobs. The export base multiplier (2.16) calculated above reinforces the importance of basic (exporting) industries to the economy of Guadalupe 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 Guadalupe County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

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

Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for economic data and the U.S. Census for population data. Between 2012 and 2013, the population in Guadalupe County decreased by 1.24 percent, from 4,608 in 2012 to 4,551 in 2013. Between 2012 and 2013, per capita income for Guadalupe County increased by 3.48 percent from \$28,553 in 2012 to \$29,546 in 2013. Guadalupe County's rank in terms of per capita income remained 31st in 2013. During this same period, total employment increased by 2.49 percent or 60 jobs. Industries considered basic in 2013 remained unchanged from the previous year except for Retail trade that was added back to the basic industries.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Guadalupe County (US Base) 2007 - 2013							
US Base	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	0.90	0.86	0.85	0.80	0.75	0.73	0.73
Proprietors employment	1.41	1.53	1.54	1.72	1.87	1.96	1.96
Farm proprietors employment	10.16	9.82	9.17	9.42	9.73	10.12	10.13
Nonfarm proprietors employment	0.92	1.07	1.13	1.31	1.47	1.56	1.56
By industry							
Farm employment	8.72	8.36	7.81	7.82	8.00	8.25	8.35
Nonfarm employment	0.88	0.89	0.90	0.89	0.89	0.89	0.89
Private nonfarm employment	0.76	0.74	0.77	0.80	0.82	0.82	0.82
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Construction	1.22	0.87	0.91	0.78	0.61	0.51	0.54
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	1.25	1.11	1.18	1.00	1.02	1.01	1.03
Transportation and warehousing	1.45	1.46	1.10	1.06	0.99	1.02	1.08
Information	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Finance and insurance	0.29	0.66	N/A	1.02	N/A	N/A	N/A
Real estate and rental and leasing	0.47	0.47	N/A	0.49	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A	N/A	0.44
Educational services	N/A	N/A	N/A	0.32	0.46	0.44	0.44
Health care and social assistance	0.58	0.63	0.61	0.63	0.58	0.57	0.57
Arts, entertainment, and recreation	N/A	0.31	0.38	0.59	0.35	0.35	0.36
Accommodation and food services	2.82	2.44	2.73	2.59	2.48	2.39	2.28
Other services, except public administration	0.71	0.65	0.63	0.54	0.52	0.48	0.49
Government and government enterprises	1.68	1.82	1.65	1.46	1.34	1.35	1.36
Federal, civilian	1.06	0.94	0.82	0.89	0.67	0.62	0.63
Military	0.47	0.45	0.42	0.41	0.40	0.40	0.40
State and local	1.89	2.09	1.91	1.66	1.54	1.57	1.56
State government	1.26	1.73	1.59	1.48	1.37	1.36	1.39
Local government	2.13	2.22	2.03	1.72	1.60	1.65	1.63
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 Guadalupe County (NM Base) 2007 - 2013							
NM Based	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	0.90	0.86	0.85	0.79	0.74	0.72	0.72
Proprietors employment	1.39	1.53	1.58	1.78	1.95	2.04	2.02
Farm proprietors employment	6.56	6.49	6.03	5.85	5.58	5.48	5.40
Nonfarm proprietors employment	0.94	1.11	1.19	1.41	1.60	1.70	1.69
By industry							
Farm employment	5.53	5.56	5.13	5.02	4.84	4.70	4.59
Nonfarm employment	0.89	0.90	0.90	0.90	0.90	0.90	0.90
Private nonfarm employment	0.82	0.80	0.83	0.87	0.90	0.90	0.90
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Construction	1.07	0.75	0.79	0.69	0.54	0.47	0.50
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	1.23	1.08	1.14	0.97	0.99	0.97	0.99
Transportation and warehousing	1.94	1.97	1.55	1.52	1.40	1.42	1.52
Information	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Finance and insurance	0.47	1.06	N/A	1.66	N/A	N/A	N/A
Real estate and rental and leasing	0.52	0.52	N/A	0.58	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A	N/A	0.54
Educational services	N/A	N/A	N/A	0.48	0.70	0.69	0.68
Health care and social assistance	0.57	0.63	0.60	0.62	0.56	0.54	0.56
Arts, entertainment, and recreation	N/A	0.32	0.38	0.60	0.35	0.36	0.36
Accommodation and food services	2.50	2.21	2.47	2.34	2.24	2.17	2.07
Other services, except public administration	0.78	0.70	0.69	0.60	0.58	0.54	0.55
Government and government enterprises	1.19	1.29	1.17	1.01	0.91	0.92	0.91
Federal, civilian	0.59	0.53	0.46	0.49	0.36	0.34	0.35
Military	0.39	0.40	0.35	0.30	0.28	0.27	0.26
State and local	1.37	1.51	1.37	1.19	1.10	1.11	1.09
State government	0.68	0.92	0.85	0.79	0.75	0.74	0.75
Local government	1.77	1.84	1.67	1.42	1.29	1.31	1.28
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: Guadalupe County Total Employment by Industry 2013		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	1,404	56.96
Proprietors employment	1,061	43.04
Farm proprietors employment	252	10.22
Nonfarm proprietors employment	809	32.82
By industry		
Farm employment	297	12.05
Nonfarm employment	2,168	87.95
Private nonfarm employment	1,727	70.06
Forestry, fishing, and related activities	(D)	N/A
Mining	(D)	N/A
Utilities	(D)	N/A
Construction	68	2.76
Manufacturing	(D)	N/A
Wholesale trade	(D)	N/A
Retail trade	256	10.39
Transportation and warehousing	88	3.57
Information	(D)	N/A
Finance and insurance	(D)	N/A
Real estate and rental and leasing	(D)	N/A
Professional, scientific, and technical services	(D)	N/A
Management of companies and enterprises	0	0.00
Administrative and waste management services	67	2.72
Educational services	25	1.01
Health care and social assistance	158	6.41
Arts, entertainment, and recreation	20	0.81
Accommodation and food services	404	16.39
Other services, except public administration	70	2.84
Government and government enterprises	441	17.89
Federal, civilian	24	0.97
Military	11	0.45
State and local	406	16.47
State government	99	4.02
Local government	307	12.45
Total employment	2,465	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>		

Table 4: Guadalupe County Employment by Industry 2007-2013

Number of jobs by industry	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	1,489	1,450	1,471	1,401	1,374	1,369	1,404
Proprietors employment	593	656	725	832	973	1,036	1,061
Farm proprietors employment	225	219	219	230	244	251	252
Nonfarm proprietors employment 2/	368	437	506	602	729	785	809
By industry							
Farm employment	269	258	259	267	282	291	297
Nonfarm employment	1,813	1,848	1,937	1,966	2,065	2,114	2,168
Private nonfarm employment	1,342	1,323	1,422	1,502	1,633	1,675	1,727
Forestry, fishing, and related activities	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Utilities	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	162	111	109	89	71	61	68
Manufacturing	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Retail trade	275	242	265	226	243	245	256
Transportation and warehousing	100	100	77	75	75	81	88
Information	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Finance and insurance	30	70	(D)	121	(D)	(D)	(D)
Real estate and rental and leasing	42	42	(D)	49	(D)	(D)	(D)
Professional, scientific, and technical services	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Management of companies and enterprises	0	0	0	0	0	0	0
Administrative and waste management services	(D)	(D)	(D)	(D)	(D)	(D)	67
Educational services	(L)	(L)	(L)	17	25	25	25
Health care and social assistance	121	137	145	156	150	151	158
Arts, entertainment, and recreation	(L)	14	18	29	18	19	20
Accommodation and food services	401	353	412	400	408	407	404
Other services, except public administration	84	77	79	68	71	68	70
Government and government enterprises	471	525	515	464	432	439	441
Federal, civilian	34	31	30	35	26	24	24
Military	11	11	11	11	11	11	11
State and local	426	483	474	418	395	404	406
State government	76	107	106	101	96	96	99
Local government	350	376	368	317	299	308	307
Total employment	2,082	2,106	2,196	2,233	2,347	2,405	2,465
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: Guadalupe County, New Mexico and United States Percent of Employment by Industry 2013			
	United States	New Mexico	Guadalupe County
By type			
Wage and salary employment	78.00	78.74	56.96
Proprietors employment	22.00	21.26	43.04
Farm proprietors employment	1.01	1.89	10.22
Nonfarm proprietors employment	20.99	19.36	32.82
By industry			
Farm employment	1.44	2.62	12.05
Nonfarm employment	98.56	97.38	87.95
Private nonfarm employment	85.37	77.79	70.06
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	2.76
Manufacturing	6.99	3.28	N/A
Wholesale trade	3.48	2.45	N/A
Retail trade	10.08	10.48	10.39
Transportation and warehousing	3.29	2.36	3.57
Information	1.79	1.49	N/A
Finance and insurance	5.42	3.30	N/A
Real estate and rental and leasing	4.38	3.62	N/A
Professional, scientific, and technical services	6.83	7.03	N/A
Management of companies and enterprises	1.24	0.51	0.00
Administrative and waste management services	6.21	5.04	2.72
Educational services	2.32	1.48	1.01
Health care and social assistance	11.29	11.54	6.41
Arts, entertainment, and recreation	2.26	2.25	0.81
Accommodation and food services	7.18	7.91	16.39
Other services, except public administration	5.82	5.21	2.84
Government and government enterprises	13.19	19.59	17.89
Federal, civilian	1.55	2.82	0.97
Military	1.11	1.70	0.45
State and local	10.53	15.07	16.47
State government	2.89	5.37	4.02
Local government	7.64	9.70	12.45
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: Guadalupe County Percent of Employment by Sectors 2007 - 2013

Description	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	71.52	68.85	66.99	62.74	58.54	56.92	56.96
Proprietors employment	28.48	31.15	33.01	37.26	41.46	43.08	43.04
Farm proprietors employment	10.81	10.40	9.97	10.30	10.40	10.44	10.22
Nonfarm proprietors employment	17.68	20.75	23.04	26.96	31.06	32.64	32.82
By industry							
Farm employment	12.92	12.25	11.79	11.96	12.02	12.10	12.05
Nonfarm employment	87.08	87.75	88.21	88.04	87.98	87.90	87.95
Private nonfarm employment	64.46	62.82	64.75	67.26	69.58	69.65	70.06
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Construction	7.78	5.27	4.96	3.99	3.03	2.54	2.76
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	13.21	11.49	12.07	10.12	10.35	10.19	10.39
Transportation and warehousing	4.80	4.75	3.51	3.36	3.20	3.37	3.57
Information	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Finance and insurance	1.44	3.32	N/A	5.42	N/A	N/A	N/A
Real estate and rental and leasing	2.02	1.99	N/A	2.19	N/A	N/A	N/A
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Management of companies and enterprises	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Administrative and waste management services	N/A	N/A	N/A	N/A	N/A	N/A	2.72
Educational services	N/A	N/A	N/A	0.76	1.07	1.04	1.01
Health care and social assistance	5.81	6.51	6.60	6.99	6.39	6.28	6.41
Arts, entertainment, and recreation	N/A	0.66	0.82	1.30	0.77	0.79	0.81
Accommodation and food services	19.26	16.76	18.76	17.91	17.38	16.92	16.39
Other services, except public administration	4.03	3.66	3.60	3.05	3.03	2.83	2.84
Government and government enterprises	22.62	24.93	23.45	20.78	18.41	18.25	17.89
Federal, civilian	1.63	1.47	1.37	1.57	1.11	1.00	0.97
Military	0.53	0.52	0.50	0.49	0.47	0.46	0.45
State and local	20.46	22.93	21.58	18.72	16.83	16.80	16.47
State government	3.65	5.08	4.83	4.52	4.09	3.99	4.02
Local government	16.81	17.85	16.76	14.20	12.74	12.81	12.45
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>							