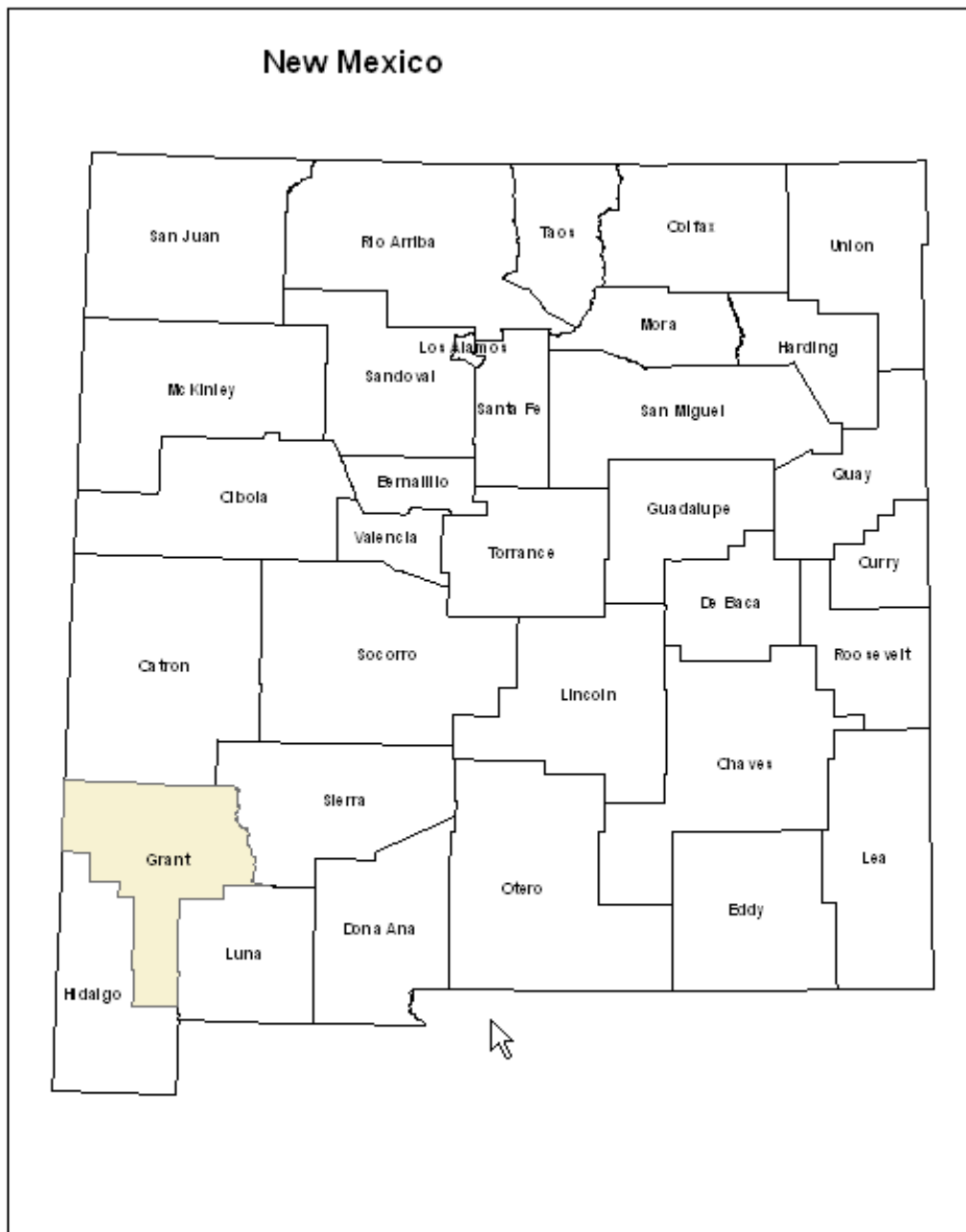




**The Economic Base of Grant County, NM**

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

**DATE: July 2015**



## The Economic Base of Grant County, New Mexico

### Introduction

This report is one of 35 economic base studies prepared by the Office of Policy Analysis at New Mexico State University's (NMSU) Arrowhead Center. Of the 35 reports, 33 describe the economic base of New Mexico's counties. There are separate reports for the State of New Mexico and for the Albuquerque Metropolitan Statistical Area (MSA). New Mexico has three additional MSAs (Las Cruces, Santa Fe, and Farmington) all of which are single county MSAs; separate reports for these MSAs were not prepared. All 35 reports may be found at <http://arrowheadcenter.nmsu.edu/economic-and-policy-studies/>.

The reports have been prepared under the direction of James Peach, Director of the Office of Policy Analysis. 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](mailto: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, 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, 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

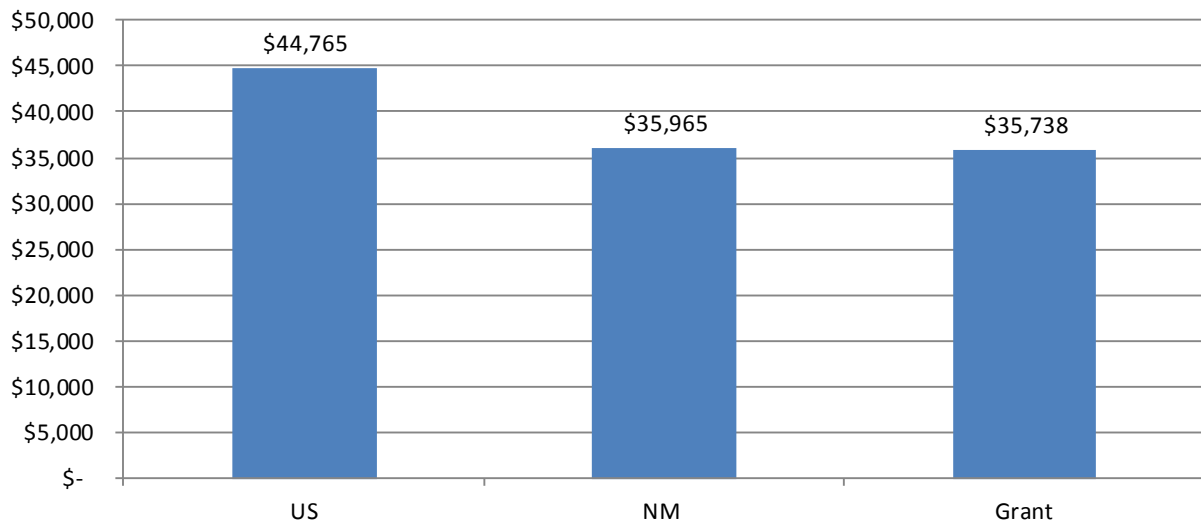
<http://arrowheadcenter.nmsu.edu/sites/default/files/uploadecd/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated for the industries within Grant 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). 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](http://www.bea.gov).

### **Grant County, New Mexico**

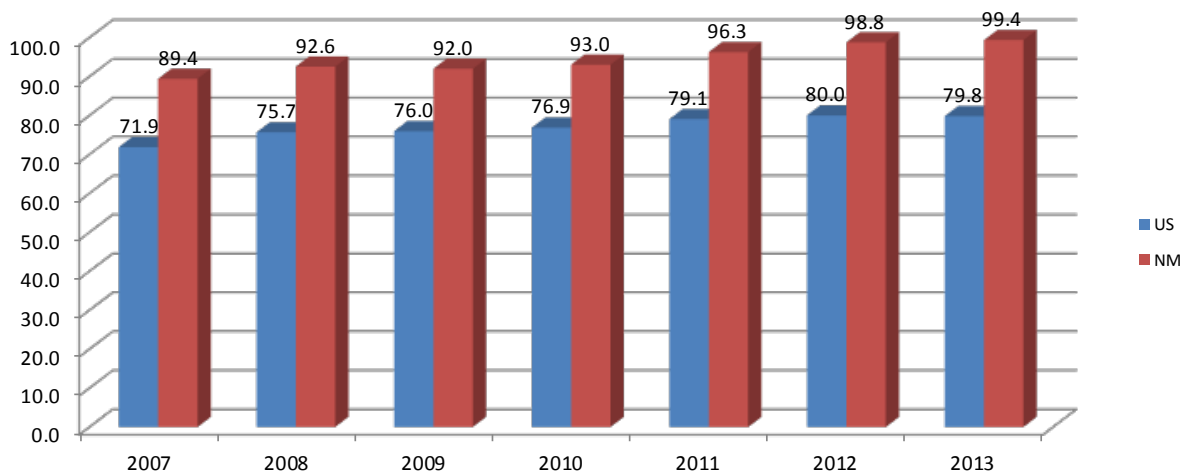
Grant County is located in southwestern New Mexico and contains 3,961.63 square miles or 3.27 percent of the land area in New Mexico. The population of Grant County in 2013 was 29,328, or 1.41 percent of the state total, ranking 15th in the state of New Mexico in terms of population. Between 2007 and 2013, the population of Grant County decreased by 1.72 percent. Silver City, with a population of 10,273 in 2013, accounted for 35.03 percent of the population in Grant County. During the same 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 personal income for Grant County in 2013 was \$35,738, ranking 15th in the state in terms of per capita income. Per capita income for Grant County was 99.4 percent of the corresponding state figure \$35,965 and 79.8 percent of the national average \$44,765 (see figure 1). Between 2007 and 2013 the growth rate of per capita income in Grant County increased by 24.94 percent, substantially higher than the state (12.46 percent) and the nation (12.46 percent) for the same period (see figure 2).

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



Total employment in Grant County in 2013 was 13,619. Between 2007 and 2013, total employment decreased by 7.34 percent, significantly higher decrease compared to the state’s 2.30 percent decrease and the nation’s 1.33 percent increase. The employment to population ratio for Grant County was 0.46 compared to the state ratio (0.52) and the national ratio (0.58).

In 2013, the Private sector employed 69.83 percent of all workers in Grant County, while Government and government enterprises accounted for 27.50 percent and Farm employment

accounted for 2.22 percent of total employment. Within the private sector, the industries with the highest percentages of total employment included: Retail trade (11.01 percent), Mining (12.67), Health care and social assistance (8.84), and Accommodation and food service (7.18). Employment in the public sector is largely concentrated between state and local government with 11.04 percent for local government and 14.37 percent for state government. Federal/civilian accounted for 1.51 percent; Military employment accounted for 0.58 percent. Employment for Grant County by sector is displayed in Table 3.

### **Basic and Non-Basic Industries in Grant County, New Mexico**

Table 1 contains LQs for Grant County from 2007 to 2013 calculated using data for the United States as the basis of comparison. Table 2 contains LQs for Grant 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. The sectors with a LQ greater than 1.0 have been shaded.

The importance of Mining is represented by the highest LQ for Grant County of 14.37, considered a basic industry. From the previous years, mining LQ in Grant County has slightly increased from its LQ of 9.50 in 2009 to 14.37 2013 with a larger increase between 2010 and 2011; however it has not reached its previous LQ from 2008 (15.91). Data for years preceding 2008 were not disclosed. The Chino copper mine in the city of Hurley is one of the largest open-pit copper mines in the world, encompassing over 9,000 acres and covering 1.75 miles across. Other mines and mining plants in Grant County include Tyrone Mine, Maude Canyon Pit, and Buckhorn Operations.

The agricultural sector includes Farm employment and employment in Forestry, fisheries and related activities sectors. While farm employment LQs have been greater than 1.49 in all years considered, they have shown a small increase during the years considered. Although data for Forestry, fishing and related activities sector was not reported for years preceding 2009, its LQs from 2009 to 2011 were above 1.18 for each year, and it's LQ for 2013 was 1.53. Therefore, Agricultural sector will be considered a basic economic activity for Grant County.

In 2013, Retail trade and Accommodation and food services industries will be considered basic industries within Grant County with a LQ of 1.09 for Retail trade and a LQ of 1.00 for Accommodation and food services. These two LQs reflect the services demanded by the large tourism base of the Gila National Forest and Gila Cliff Dwellings National Monument located outside of Silver City. The LQ for Management of companies and enterprises industry was below 1.0 for 2013, therefore it will not be

considered a basic industry in 2013. However, for the previous years, the LQs have been greater than 1.41. This suggests that this sector is was considered basic industry in the past. Other private sector industry with LQ above 1.0 include Utilities with a LQ of 1.41. However, this industry is considered non-basic for Grant, as no export product or services takes place outside the county.

Government and government enterprises are the aggregate figures of all government levels listed as government categories. The LQ of 3.82 for State government employment in Grant County is significantly higher compared to all other LQs in the county, except for the mining industry. This figure reflects the high level of employment that results from Western New Mexico University (WNMU), a four-year University located in Silver City. As a comprehensive university, WNMU exports educational services. Also, WNMU houses the Small Business Development Center (SBDC) for the region, which is also state funded. State government is classified as basic industry. Federal/civilian employment with a LQ of 0.97 will not be considered a basic industry for Grant County. In 2013, local government for Grant County had a LQ of 1.88. However, 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 Grant County will be considered non-basic industry.

In brief, data and analysis suggests that for 2013 the following should be considered basic industries in Grant County:

1. Mining accounted for 1,726 jobs.
2. Agricultural sector accounted for 467 jobs, 364 jobs from Farm Employment and 103 jobs from Forestry, Fishing and related activities.
3. Retail trade accounted for 1,501 jobs.
4. Accommodation and food services accounted for 978 jobs.
5. State government employment accounted for 1,504 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 Grant County the multiplier is equal to 2.21(13,634 / 6,176). This ratio suggests that the addition of each basic sector job in Grant County would be associated with additional 2.21 non-basic sector jobs. The export base multiplier (2.21) calculated above reinforces the importance of basic (exporting) industries to the economy of Grant 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 Grant 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 figures obtained from the BEA for the economic data and the U.S. Census for population data. Between 2012 and 2013, the population for Grant County decreased by 0.12 percent, from 29,364 in 2012 to 29,328 in 2013. Per capita income in Grant County experienced a positive growth rate of 1.03 percent from 2012 to 2013, recovering from the downfall experienced in 2009 with a decline of 3.15 percent. Per capital income grew from \$35,373 in 2012 to \$35,738 in 2013. Between 2012 and 2013, 9 jobs were gained in total employment, a 0.07 percent increase in employment. Management of companies and enterprises was not included as a basic industry in 2013 because the LQ was below 1.0.

Tables 1 to 10 appear on pages 7-16.

Table 1: Location Quotients for Grant County (US Base) 2007 - 2013							
US Base	2007	2008	2009	2010	2011	2012	2013
<b>By type</b>							
Wage and salary employment	0.96	0.97	0.96	0.96	0.99	0.99	0.99
Proprietors employment	1.14	1.11	1.14	1.13	1.04	1.03	1.05
Farm proprietors employment	1.71	1.72	1.88	1.99	2.07	2.15	2.20
Nonfarm proprietors employment	1.11	1.08	1.10	1.08	0.99	0.98	1.00
<b>By industry</b>							
Farm employment	1.50	1.49	1.63	1.68	1.73	1.79	1.85
Nonfarm employment	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	0.85	0.84	0.81	0.80	0.82	0.82	0.82
Forestry, fishing, and related activities	N/A	N/A	1.77	1.66	1.39	N/A	1.53
Mining	N/A	15.91	9.50	9.20	13.85	13.73	14.37
Utilities	1.31	N/A	1.51	1.58	1.45	1.41	1.41
Construction	1.02	1.06	1.16	1.15	1.16	1.07	0.98
Manufacturing	0.15	0.14	0.12	0.13	0.15	0.16	0.16
Wholesale trade	0.40	N/A	0.27	0.27	0.31	0.32	0.32
Retail trade	1.10	1.09	1.18	1.17	1.14	1.09	1.09
Transportation and warehousing	0.43	0.45	0.41	0.34	0.32	0.36	0.34
Information	0.62	0.63	0.66	0.66	0.58	0.55	0.47
Finance and insurance	0.39	0.38	0.35	0.39	0.39	0.37	0.37
Real estate and rental and leasing	0.73	0.73	0.74	0.68	0.66	0.68	0.73
Professional, scientific, and technical services	0.46	0.47	0.51	0.53	0.48	0.45	0.44
Management of companies and enterprises	1.62	1.53	1.41	N/A	N/A	N/A	0.82
Administrative and waste management services	0.74	0.57	0.33	N/A	N/A	N/A	0.33
Educational services	0.60	0.54	0.53	0.59	0.48	0.42	0.40
Health care and social assistance	0.80	0.82	0.87	0.82	0.83	0.80	0.78
Arts, entertainment, and recreation	0.82	0.88	0.99	0.94	0.82	0.83	0.87
Accommodation and food services	1.11	1.04	1.07	1.10	1.06	1.05	1.00
Other services, except public administration	0.94	0.90	0.94	0.94	0.92	0.96	0.97
Government and government enterprises	1.92	1.92	2.08	2.09	2.05	2.04	2.08
Federal, civilian	0.90	0.90	1.06	1.11	1.04	1.00	0.97
Military	0.46	0.47	0.50	0.50	0.51	0.51	0.52
State and local	2.22	2.22	2.40	2.41	2.38	2.36	2.41
State government	3.55	3.61	3.85	3.78	3.61	3.57	3.82
Local government	1.73	1.71	1.86	1.90	1.91	1.90	1.88
<b>Total employment</b>	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 Grant County (NM Base) 2007 - 2013							
NM Based	2007	2008	2009	2010	2011	2012	2013
<b>By type</b>							
Wage and salary employment	0.97	0.97	0.96	0.96	0.98	0.98	0.98
Proprietors employment	1.13	1.11	1.16	1.17	1.09	1.08	1.09
Farm proprietors employment	1.11	1.14	1.24	1.24	1.19	1.16	1.17
Nonfarm proprietors employment	1.13	1.11	1.16	1.16	1.08	1.07	1.08
<b>By industry</b>							
Farm employment	0.95	0.99	1.07	1.08	1.05	1.02	1.02
Nonfarm employment	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Private nonfarm employment	0.91	0.91	0.88	0.88	0.89	0.90	0.90
Forestry, fishing, and related activities	N/A	N/A	1.74	1.67	1.37	N/A	1.56
Mining	N/A	4.20	2.70	2.64	3.66	3.72	3.71
Utilities	1.05	N/A	1.14	1.24	1.12	1.07	1.05
Construction	0.89	0.91	1.02	1.01	1.03	0.99	0.90
Manufacturing	0.31	0.31	0.26	0.29	0.31	0.34	0.33
Wholesale trade	0.57	N/A	0.39	0.37	0.43	0.45	0.46
Retail trade	1.08	1.06	1.15	1.15	1.11	1.06	1.05
Transportation and warehousing	0.57	0.61	0.58	0.49	0.44	0.50	0.47
Information	0.71	0.72	0.77	0.76	0.69	0.64	0.57
Finance and insurance	0.62	0.62	0.58	0.63	0.65	0.61	0.61
Real estate and rental and leasing	0.81	0.82	0.85	0.80	0.79	0.83	0.88
Professional, scientific, and technical services	0.41	0.43	0.46	0.48	0.45	0.43	0.43
Management of companies and enterprises	3.20	3.32	3.14	N/A	N/A	N/A	1.98
Administrative and waste management services	0.84	0.63	0.37	N/A	N/A	N/A	0.41
Educational services	0.87	0.81	0.80	0.88	0.74	0.66	0.63
Health care and social assistance	0.79	0.81	0.86	0.81	0.80	0.77	0.77
Arts, entertainment, and recreation	0.82	0.89	0.99	0.95	0.83	0.84	0.87
Accommodation and food services	0.98	0.94	0.97	1.00	0.96	0.96	0.91
Other services, except public administration	1.03	0.98	1.04	1.05	1.03	1.07	1.08
Government and government enterprises	1.36	1.36	1.46	1.45	1.41	1.38	1.40
Federal, civilian	0.51	0.51	0.59	0.61	0.56	0.54	0.54
Military	0.38	0.43	0.43	0.38	0.35	0.34	0.34
State and local	1.61	1.60	1.72	1.73	1.69	1.67	1.69
State government	1.91	1.93	2.06	2.03	1.96	1.94	2.06
Local government	1.44	1.41	1.53	1.56	1.54	1.51	1.48
<b>Total employment</b>	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>							

<b>Table 3: Grant County Total Employment by Industry 2013</b>		
	<b>Total Jobs</b>	<b>Percent of Total Employment</b>
<b>By type</b>		
Wage and salary employment	10,476	76.87
Proprietors employment	3,152	23.13
Farm proprietors employment	303	2.22
Nonfarm proprietors employment	2,849	20.91
<b>By industry</b>		0.00
Farm employment	364	2.67
Nonfarm employment	13,264	97.33
Private nonfarm employment	9,516	69.83
Forestry, fishing, and related activities	103	0.76
Mining	1,726	12.67
Utilities	61	0.45
Construction	676	4.96
Manufacturing	148	1.09
Wholesale trade	152	1.12
Retail trade	1,501	11.01
Transportation and warehousing	151	1.11
Information	115	0.84
Finance and insurance	273	2.00
Real estate and rental and leasing	434	3.18
Professional, scientific, and technical services	408	2.99
Management of companies and enterprises	139	1.02
Administrative and waste management services	283	2.08
Educational services	127	0.93
Health care and social assistance	1,205	8.84
Arts, entertainment, and recreation	267	1.96
Accommodation and food services	978	7.18
Other services, except public administration	769	5.64
Government and government enterprises	3,748	27.50
Federal, civilian	206	1.51
Military	79	0.58
State and local	3,463	25.41
State government	1,504	11.04
Local government	1,959	14.37
<b>Total employment</b>	<b>13,628</b>	<b>100.00</b>
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>		

**Table 4: Grant County Employment by Industry 2007-2013**

<b>Number of jobs by industry</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	
<b>By type</b>								
Wage and salary employment	11,308	11,255	9,758	9,638	10,216	10,524	10,476	
Proprietors employment	3,400	3,299	3,146	3,127	3,071	3,095	3,152	
Farm proprietors employment	268	265	264	278	294	302	303	
Nonfarm proprietors employment 2/	3,132	3,034	2,882	2,849	2,777	2,793	2,849	
<b>By industry</b>								
Farm employment	327	317	318	328	345	357	364	
Nonfarm employment	14,381	14,237	12,586	12,437	12,942	13,262	13,264	
Private nonfarm employment	10,577	10,414	8,782	8,636	9,180	9,520	9,516	
Forestry, fishing, and related activities	(D)	(D)	111	105	90	(D)	103	
Mining	(D)	1,562	793	861	1,299	1,621	1,726	
Utilities	62	(D)	66	68	63	62	61	
Construction	956	932	822	747	765	732	676	
Manufacturing	179	163	112	119	139	154	148	
Wholesale trade	217	(D)	123	121	142	151	152	
Retail trade	1,714	1,646	1,567	1,522	1,546	1,507	1,501	
Transportation and warehousing	209	212	169	139	135	162	151	
Information	179	180	162	157	142	135	115	
Finance and insurance	280	283	249	263	288	271	273	
Real estate and rental and leasing	462	457	411	387	395	408	434	
Professional, scientific, and technical services	446	467	444	456	437	418	408	
Management of companies and enterprises	259	258	211	(D)	(D)	(D)	139	
Administrative and waste management services	673	498	248	(D)	(D)	(D)	283	
Educational services	183	169	156	177	149	135	127	
Health care and social assistance	1,180	1,222	1,213	1,160	1,217	1,210	1,205	
Arts, entertainment, and recreation	249	272	275	264	238	253	267	
Accommodation and food services	1,110	1,040	954	973	985	1,015	978	
Other services, except public administration	781	738	696	679	713	761	769	
Government and government enterprises	3,804	3,823	3,804	3,801	3,762	3,742	3,748	
Federal, civilian	205	206	227	249	228	218	206	
Military	76	80	78	78	80	80	79	
State and local	3,523	3,537	3,499	3,474	3,454	3,444	3,463	
State government	1,513	1,544	1,513	1,476	1,431	1,427	1,504	
Local government	2,010	1,993	1,986	1,998	2,023	2,017	1,959	
<b>Total employment</b>	<b>14,708</b>	<b>14,554</b>	<b>12,904</b>	<b>12,765</b>	<b>13,287</b>	<b>13,619</b>	<b>13,628</b>	
Source: Bureau of Economic Analysis at <a href="http://www.bea.gov">www.bea.gov</a> , table CA25N								

**Table 5: New Mexico Employment by Industry 2007-2013**

<b>Number of jobs by industry</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>By type</b>							
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
<b>By industry</b>							
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
<b>Total employment</b>	<b>1,104,526</b>	<b>1,107,002</b>	<b>1,074,126</b>	<b>1,059,188</b>	<b>1,062,869</b>	<b>1,067,241</b>	<b>1,079,067</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N

**Table 6: United States Employment by Industry 2007-2013**

<b>Number of jobs by industry</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>By type</b>							
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
<b>By industry</b>							
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
<b>Total employment</b>	<b>179885700</b>	<b>179645900</b>	<b>174243700</b>	<b>173044700</b>	<b>176286700</b>	<b>178846000</b>	<b>182278200</b>

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CA25N

<b>Table 7: Grant County, New Mexico and United States Percent of Employment by Industry 2013</b>			
	<b>United States</b>	<b>New Mexico</b>	<b>Grant County</b>
<b>By type</b>			
Wage and salary employment	78.00	78.74	76.87
Proprietors employment	22.00	21.26	23.13
Farm proprietors employment	1.01	1.89	2.22
Nonfarm proprietors employment	20.99	19.36	20.91
<b>By industry</b>			
Farm employment	1.44	2.62	2.67
Nonfarm employment	98.56	97.38	97.33
Private nonfarm employment	85.37	77.79	69.83
Forestry, fishing, and related activities	0.50	0.48	0.76
Mining	0.88	3.41	12.67
Utilities	0.32	0.43	0.45
Construction	5.08	5.52	4.96
Manufacturing	6.99	3.28	1.09
Wholesale trade	3.48	2.45	1.12
Retail trade	10.08	10.48	11.01
Transportation and warehousing	3.29	2.36	1.11
Information	1.79	1.49	0.84
Finance and insurance	5.42	3.30	2.00
Real estate and rental and leasing	4.38	3.62	3.18
Professional, scientific, and technical services	6.83	7.03	2.99
Management of companies and enterprises	1.24	0.51	1.02
Administrative and waste management services	6.21	5.04	2.08
Educational services	2.32	1.48	0.93
Health care and social assistance	11.29	11.54	8.84
Arts, entertainment, and recreation	2.26	2.25	1.96
Accommodation and food services	7.18	7.91	7.18
Other services, except public administration	5.82	5.21	5.64
Government and government enterprises	13.19	19.59	27.50
Federal, civilian	1.55	2.82	1.51
Military	1.11	1.70	0.58
State and local	10.53	15.07	25.41
State government	2.89	5.37	11.04
Local government	7.64	9.70	14.37
<b>Total employment</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<i>Source: Bureau of Economic Analysis at <a href="http://www.bea.gov">www.bea.gov</a>, table CA25N and author's calculation</i>			

**Table 8: Grant County Percent of Employment by Sectors 2007 - 2013**

Description	2007	2008	2009	2010	2011	2012	2013
<b>By type</b>							
Wage and salary employment	76.88	77.33	75.62	75.50	76.89	77.27	76.87
Proprietors employment	23.12	22.67	24.38	24.50	23.11	22.73	23.13
Farm proprietors employment	1.82	1.82	2.05	2.18	2.21	2.22	2.22
Nonfarm proprietors employment	21.29	20.85	22.33	22.32	20.90	20.51	20.91
<b>By industry</b>							
Farm employment	2.22	2.18	2.46	2.57	2.60	2.62	2.67
Nonfarm employment	97.78	97.82	97.54	97.43	97.40	97.38	97.33
Private nonfarm employment	71.91	71.55	68.06	67.65	69.09	69.90	69.83
Forestry, fishing, and related activities	N/A	N/A	0.86	0.82	0.68	N/A	0.76
Mining	N/A	10.73	6.15	6.75	9.78	11.90	12.67
Utilities	0.42	N/A	0.51	0.53	0.47	0.46	0.45
Construction	6.50	6.40	6.37	5.85	5.76	5.37	4.96
Manufacturing	1.22	1.12	0.87	0.93	1.05	1.13	1.09
Wholesale trade	1.48	N/A	0.95	0.95	1.07	1.11	1.12
Retail trade	11.65	11.31	12.14	11.92	11.64	11.07	11.01
Transportation and warehousing	1.42	1.46	1.31	1.09	1.02	1.19	1.11
Information	1.22	1.24	1.26	1.23	1.07	0.99	0.84
Finance and insurance	1.90	1.94	1.93	2.06	2.17	1.99	2.00
Real estate and rental and leasing	3.14	3.14	3.19	3.03	2.97	3.00	3.18
Professional, scientific, and technical services	3.03	3.21	3.44	3.57	3.29	3.07	2.99
Management of companies and enterprises	1.76	1.77	1.64	N/A	N/A	N/A	1.02
Administrative and waste management services	4.58	3.42	1.92	N/A	N/A	N/A	2.08
Educational services	1.24	1.16	1.21	1.39	1.12	0.99	0.93
Health care and social assistance	8.02	8.40	9.40	9.09	9.16	8.88	8.84
Arts, entertainment, and recreation	1.69	1.87	2.13	2.07	1.79	1.86	1.96
Accommodation and food services	7.55	7.15	7.39	7.62	7.41	7.45	7.18
Other services, except public administration	5.31	5.07	5.39	5.32	5.37	5.59	5.64
Government and government enterprises	25.86	26.27	29.48	29.78	28.31	27.48	27.50
Federal, civilian	1.39	1.42	1.76	1.95	1.72	1.60	1.51
Military	0.52	0.55	0.60	0.61	0.60	0.59	0.58
State and local	23.95	24.30	27.12	27.22	26.00	25.29	25.41
State government	10.29	10.61	11.73	11.56	10.77	10.48	11.04
Local government	13.67	13.69	15.39	15.65	15.23	14.81	14.37
<b>Total employment</b>	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
<b>By type</b>							
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
<b>By industry</b>							
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
<b>Total employment</b>	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	
<b>By type</b>								
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	
<b>By industry</b>								
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	
<b>Total employment</b>	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>								