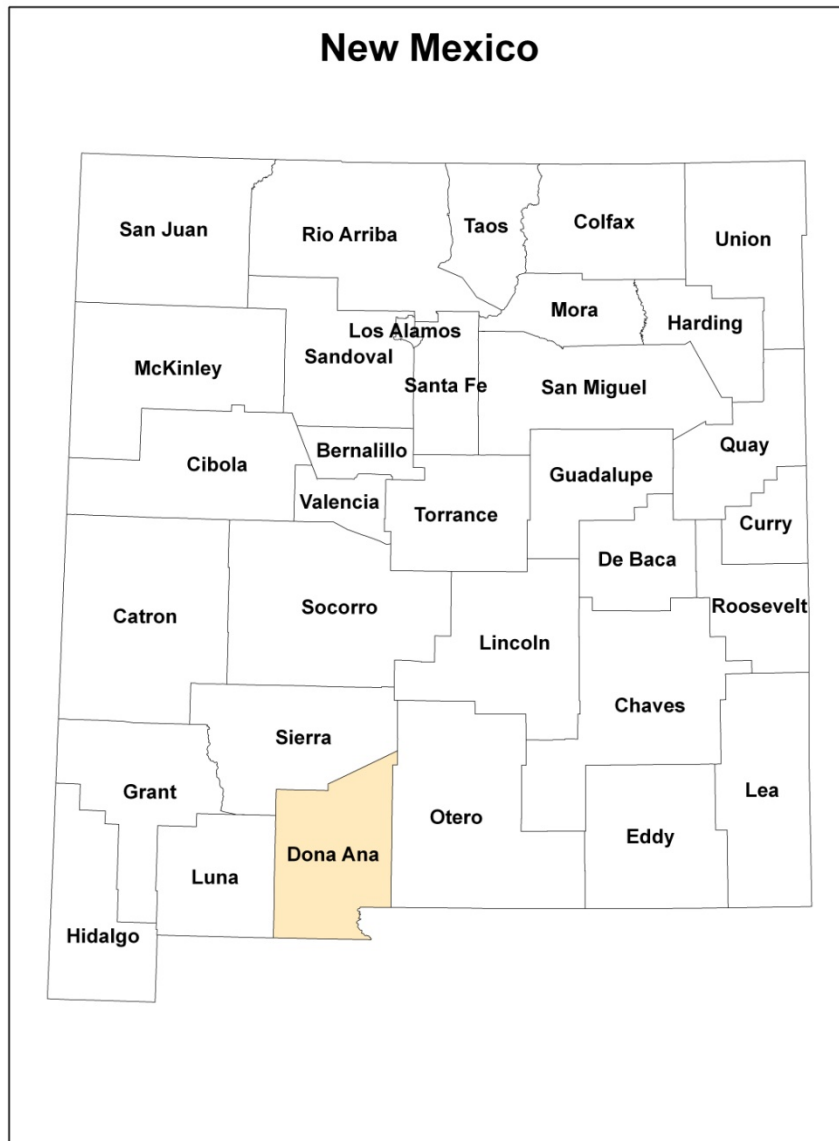




The Economic Base of Doña Ana County, NM

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

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Introduction

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

The reports have been prepared under the direction of James Peach, Director of the Office of Policy Analysis. Ugo Ogbue, a graduate student in the NMSU Masters of Art in Economics program, did much of the work on the updates. Comments and suggestions are welcome and are to be sent to jpeach@nmsu.edu. Our intent is to update these reports on an annual basis.

An economic base study is a descriptive tool used to analyze the composition of 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. The economic base theory also suggests that economic growth depends on sectors that export goods and services out of the region (basic industries), as opposed to those businesses whose services remain local, (non-basic industries). Basic industries promote local economic growth by bringing jobs and income into the local economy. Non-basic industries serve local residents and provide support to basic industries.

An industry classified as basic in one region may be identified as non-basic in another region. One common means of identifying local basic activity is through the use of location quotients (LQs). LQs are calculated as a single industry's percent of total local employment divided by that industry's percent of total state or national employment. For example, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

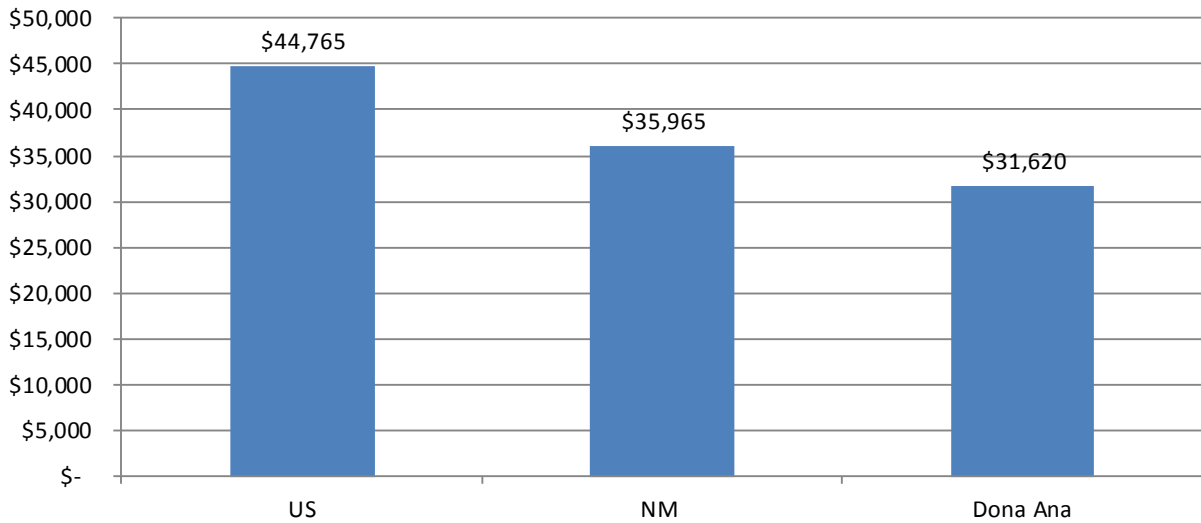
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. A LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national level. Conversely, an LQ of less than 1.0 indicates that the industry of note employs fewer workers locally as compared to the state or national average. For additional information on LQs, see <http://arrowheadcenter.nmsu.edu/sites/default/files/uploadecd/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated for industries within Doña Ana County with national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as the benchmark are included (see Table 2). For the purposes of this report, basic industries are identified utilizing general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data are available and the six years preceding (2007-2013). The 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.

Doña Ana County, New Mexico

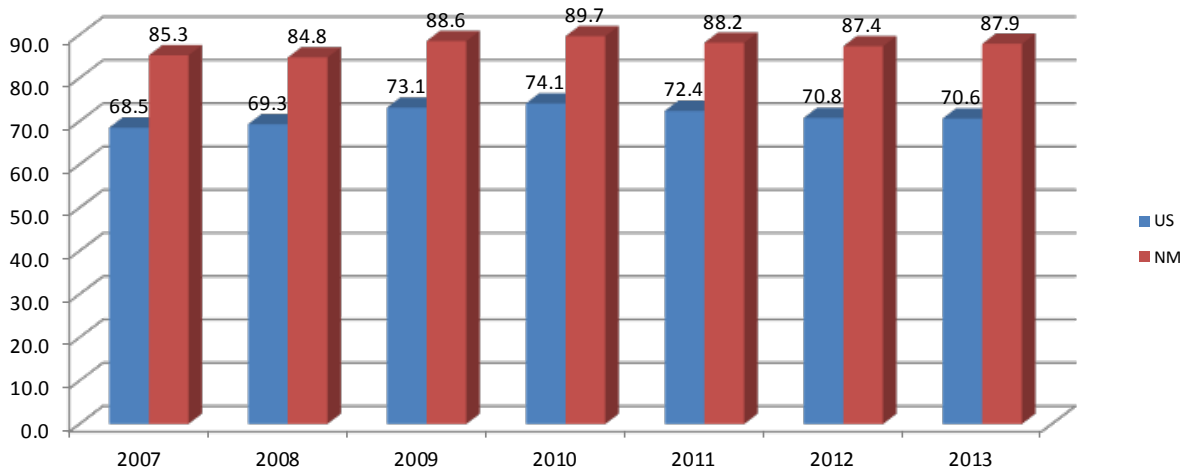
Doña Ana County is located in south central New Mexico and encompasses 3,807.51 square, or 3.14 percent of the land area in the state of New Mexico. The population of Doña Ana County in 2013 was 213,460, or 10.24 percent of the state total and the second largest county in New Mexico in terms of population. Only Bernalillo County with a population of 674,221 in 2013 was larger than Doña Ana County in terms of population. The City of Las Cruces, with a population of 101,324 in Doña Ana County contained 47.47 percent of Doña Ana County's population in 2013. Doña Ana County's population increased by 7.89 percent between 2007 (197,853) and 2012 (213,460). During the same period, 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 in Doña Ana County in 2013 was \$31,620. In terms of per capita income, Doña Ana County ranked 27th in the state. Per capita income for Doña Ana County in 2013 (\$31,620) was 87.9 percent of the state of New Mexico average (\$35,965), and 70.6 percent of the national average (\$44,765) (see Figure 1). Despite having a relatively low per capita income with respect to the state and national figures, the growth rate of per capita income in Doña Ana County between 2007 and 2013 of 15.95 percent was significantly higher than New Mexico (12.46 percent) and the United States (12.46 percent) during the same period (see Figure 2).

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



Between 2007 and 2013, total employment in Doña Ana County increased by 4.53 percent, compared to the state which saw a decline in employment of 2.30 percent and the nation which

increased by 1.33 percent. The Doña Ana County employment to population ratio in 2013 was 0.44, while the state ratio was 0.52 and the national ratio was 0.58.

For year 2013, 73.78 percent of all workers in Doña Ana County were employed in the private sector. Government and government enterprises accounted for 22.55 percent and Farm employment accounted for 3.68 percent of the total. The private sector industries with the highest percentage of total employment included: Health care and social assistance (15.40 percent), Retail trade (9.59), Construction (6.03) and Accommodation and food services (7.78). State and local government were the largest employers in the public sector with 8.69 percent employed in state government and 9.24 percent of total employment in local government. Federal/civilian and Military employment accounted for 3.99 percent and 0.63 percent of the total, respectively. Doña Ana County employment by sector for 2013 is displayed in Table 3.

Basic and Non-Basic Sectors in Doña Ana County, New Mexico

Table 1 contains LQs for Doña Ana County from 2007 to 2013 calculated using data for the United States as the basis of comparison; Table 2 contains LQs for Doña Ana 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 an LQ greater than 1.0 have been shaded.

The importance of government employment to the economic base of Doña Ana County is shown in Table 1. The entry labeled Government and government enterprises is the aggregate figure of all government levels listed as government categories. With the exception of Military, government sectors have LQs greater than one. Federal, civilian employment, with a LQ of 2.58, is classified as a basic industry for Doña Ana County. The large LQ for State government employment (3.01) in Doña Ana County reflects a high level of employment at NMSU, with the main campus located in Las Cruces, NM. As a large comprehensive research university, NMSU exports both educational services and research. For this reason, State government employment is classified as a basic industry in Doña Ana County. 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 Doña Ana County will be considered a non-basic industry even though it had a LQ of 1.21 in 2013.

The Agricultural sector is defined here to include: Farm employment and employment in Forestry, fisheries and related activities sectors. These components of Agriculture qualify as basic

industries for Doña Ana County. In 2013, Farm employment had a LQ of 2.55. While this sector has had LQs greater than 2.17 in all years considered, they have shown a small decrease beginning in 2007, with a recovery in 2012. The Forestry, fisheries and related activities sector had a LQ of 2.50 in 2013 and its LQs were greater than 2.41 in all years considered.

Health care and social assistance had an LQ of 1.36 in 2013, with all six previous years above 1.29. The large LQ for Health care and social assistance in Dona Ana County reflects the employment base of Doña Ana's three medical centers: Memorial Medical Center, Inc., Mesilla Valley Hospital, and Mountain View Regional Medical Center, including the UNM Cancer Center clinic that opened in January 2007, all located in Las Cruces. Typically, the Health care and social assistance sector is categorized as a non-basic industry. However, given the unique serving population for these hospitals and their importance in serving several neighboring counties, this sector has been included as part of the economic base for the county. Construction had an LQ of 1.19. Accommodation and food services had an LQ of 1.08 in 2013 showing a decrease from year 2007, and slight increase in 2012. In this report, Health care and social assistance, Construction and Accommodation and food services were considered basic industries.

The LQ for Arts, entertainment, and recreation had been on the borderline as a basic industry for Doña Ana County since 2008, when the LQ dropped below 1.0 and will not be considered as a basic industry for this analysis. The Utilities sector for Dona Ana County had a LQ 1.35 in 2013; in this report it is not counted as a basic industry given that it does not bring outside resources into the county.

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

1. The Agricultural sector, which includes Farm employment (3,461) and Forest, fishing and related activities (1,164), accounted for 4,625 jobs.
2. Federal/civilian and state government employment, including 3,757 federal/civilian jobs and 8,175 state government jobs, accounted for a total of 11,932 jobs.
3. Health care and social assistance, accounted for 14,490 jobs.
4. Construction, accounted for 5,677 jobs.
5. Accommodation and food services, accounted for 7,318 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 Doña Ana County the multiplier for 2013 is equal to 2.14 (94,101/ 44,042). This

ratio suggests that the addition of one basic sector job in Doña Ana County would be associated with an additional 2.14 non-basic sector jobs. The export base multiplier (2.14) calculated above reinforces the importance of basic (exporting) industries to the economy of Doña Ana 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 Doña Ana County, potential double counting occupation may result in an upward bias of the multiplier given that farm proprietors often have more than one occupation.

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

Summary of changes from prior year

This document has been revised to reflect data figures obtained from the BEA for economic data and the U.S. Census for population data. The following are significant changes for Doña Ana County from the prior year.

Between 2012 and 2013, the population of Doña Ana County increased by 1,738 residents or by 1.88 percent. The City of Las Cruces grew 0.26 percent between 2012 and 2013 compared to county's 0.23 percent decrease. Per capita personal income in Doña Ana County in 2013 was \$ 31,620, a 1.09 percent increase from \$ 31,280 in 2012, the county's rank in terms of the per capita income remained unchanged.

Tables 1 to 10 appear on pages 7-16

Table 1: Location Quotients for Dona Ana County (US Base) 2007 - 2013							
US Base	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	1.03	1.03	1.04	1.04	1.04	1.05	1.05
Proprietors employment	0.89	0.88	0.86	0.84	0.85	0.83	0.82
Farm proprietors employment	1.61	1.54	1.52	1.59	1.70	1.80	1.82
Nonfarm proprietors employment	0.85	0.84	0.82	0.80	0.81	0.78	0.78
By industry							
Farm employment	2.41	2.21	2.21	2.17	2.26	2.43	2.55
Nonfarm employment	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Private nonfarm employment	0.85	0.86	0.85	0.86	0.86	0.86	0.86
Forestry, fishing, and related activities	2.47	2.44	2.45	2.43	2.50	2.41	2.50
Mining	0.31	0.29	0.26	0.24	0.23	0.22	0.22
Utilities	1.12	1.09	1.19	1.17	1.24	1.34	1.35
Construction	1.19	1.16	1.17	1.22	1.26	1.20	1.19
Manufacturing	0.48	0.48	0.50	0.50	0.53	0.50	0.48
Wholesale trade	0.47	0.49	0.49	0.49	0.44	0.44	0.49
Retail trade	0.93	0.93	0.91	0.91	0.94	0.95	0.95
Transportation and warehousing	0.85	0.82	0.82	0.80	0.84	0.85	0.79
Information	0.69	0.65	0.60	0.62	0.63	0.66	0.66
Finance and insurance	0.49	0.50	0.52	0.46	0.47	0.49	0.50
Real estate and rental and leasing	0.69	0.70	0.68	0.65	0.62	0.61	0.61
Professional, scientific, and technical services	0.72	0.76	0.79	0.83	0.75	0.76	0.83
Management of companies and enterprises	0.15	0.15	0.13	0.13	0.10	0.07	0.05
Administrative and waste management services	0.64	0.74	0.84	0.87	0.85	0.84	0.84
Educational services	0.44	0.48	0.42	0.43	0.42	0.44	0.45
Health care and social assistance	1.37	1.34	1.30	1.29	1.38	1.41	1.36
Arts, entertainment, and recreation	1.03	0.97	0.97	0.96	0.91	0.86	0.84
Accommodation and food services	1.07	1.06	1.05	1.05	1.04	1.05	1.08
Other services, except public administration	0.90	0.93	0.91	0.88	0.88	0.87	0.86
Government and government enterprises	1.79	1.77	1.74	1.72	1.71	1.71	1.71
Federal, civilian	2.67	2.69	2.70	2.68	2.66	2.61	2.58
Military	0.54	0.54	0.53	0.53	0.55	0.56	0.56
State and local	1.79	1.76	1.73	1.70	1.69	1.70	1.70
State government	3.38	3.33	3.25	3.18	3.07	3.01	3.01
Local government	1.21	1.19	1.16	1.15	1.18	1.20	1.21
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 Dona Ana County (NM Base) 2007 - 2013							
NM Based	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	1.03	1.03	1.03	1.04	1.03	1.04	1.04
Proprietors employment	0.88	0.88	0.88	0.87	0.89	0.86	0.85
Farm proprietors employment	1.04	1.02	1.00	0.98	0.97	0.98	0.97
Nonfarm proprietors employment	0.87	0.87	0.87	0.86	0.88	0.85	0.84
By industry							
Farm employment	1.53	1.47	1.45	1.39	1.36	1.38	1.40
Nonfarm employment	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Private nonfarm employment	0.92	0.92	0.93	0.94	0.94	0.95	0.95
Forestry, fishing, and related activities	2.46	2.43	2.41	2.43	2.48	2.48	2.56
Mining	0.08	0.08	0.07	0.07	0.06	0.06	0.06
Utilities	0.90	0.88	0.90	0.92	0.96	1.02	1.00
Construction	1.04	1.00	1.02	1.07	1.13	1.11	1.09
Manufacturing	1.00	1.03	1.05	1.06	1.11	1.06	1.01
Wholesale trade	0.67	0.69	0.70	0.67	0.62	0.63	0.70
Retail trade	0.92	0.90	0.88	0.89	0.91	0.92	0.92
Transportation and warehousing	1.13	1.11	1.16	1.15	1.18	1.17	1.10
Information	0.80	0.74	0.70	0.71	0.74	0.77	0.79
Finance and insurance	0.78	0.81	0.85	0.76	0.77	0.81	0.82
Real estate and rental and leasing	0.77	0.78	0.78	0.77	0.75	0.75	0.74
Professional, scientific, and technical services	0.64	0.69	0.71	0.77	0.70	0.73	0.81
Management of companies and enterprises	0.30	0.33	0.30	0.29	0.23	0.16	0.12
Administrative and waste management services	0.72	0.81	0.93	1.02	1.01	1.03	1.04
Educational services	0.64	0.71	0.64	0.64	0.64	0.69	0.70
Health care and social assistance	1.36	1.33	1.27	1.27	1.33	1.35	1.33
Arts, entertainment, and recreation	1.03	0.97	0.97	0.97	0.93	0.87	0.84
Accommodation and food services	0.95	0.96	0.95	0.95	0.94	0.95	0.98
Other services, except public administration	0.99	1.01	1.01	0.98	0.98	0.97	0.97
Government and government enterprises	1.27	1.25	1.22	1.20	1.17	1.16	1.15
Federal, civilian	1.50	1.52	1.50	1.48	1.43	1.42	1.42
Military	0.45	0.49	0.45	0.40	0.38	0.38	0.37
State and local	1.30	1.27	1.24	1.22	1.21	1.20	1.19
State government	1.82	1.78	1.74	1.71	1.67	1.64	1.62
Local government	1.00	0.99	0.96	0.95	0.95	0.95	0.95
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: Dona Ana County Total Employment by Industry 2013		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	77,028	81.86
Proprietors employment	17,073	18.14
Farm proprietors employment	1,726	1.83
Nonfarm proprietors employment	15,347	16.31
By industry		0.00
Farm employment	3,461	3.68
Nonfarm employment	90,640	96.32
Private nonfarm employment	69,424	73.78
Forestry, fishing, and related activities	1,164	1.24
Mining	179	0.19
Utilities	403	0.43
Construction	5,677	6.03
Manufacturing	3,127	3.32
Wholesale trade	1,604	1.70
Retail trade	9,026	9.59
Transportation and warehousing	2,440	2.59
Information	1,102	1.17
Finance and insurance	2,554	2.71
Real estate and rental and leasing	2,525	2.68
Professional, scientific, and technical services	5,353	5.69
Management of companies and enterprises	58	0.06
Administrative and waste management services	4,918	5.23
Educational services	977	1.04
Health care and social assistance	14,490	15.40
Arts, entertainment, and recreation	1,779	1.89
Accommodation and food services	7,318	7.78
Other services, except public administration	4,730	5.03
Government and government enterprises	21,216	22.55
Federal, civilian	3,757	3.99
Military	591	0.63
State and local	16,868	17.93
State government	8,175	8.69
Local government	8,693	9.24
Total employment	94,101	100.00
<i>Source: Bureau of Economic Analysis at www.bea.gov, table CA25N and author's calculation</i>		

Table 4: Dona Ana County Employment by Industry 2007-2013							
Number of jobs by industry	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	73,833	75,198	73,968	74,404	74,829	75,577	77,028
Proprietors employment	16,187	16,368	16,655	16,520	17,455	16,786	17,073
Farm proprietors employment	1,540	1,497	1,499	1,577	1,672	1,717	1,726
Nonfarm proprietors employment 2/	14,647	14,871	15,156	14,943	15,783	15,069	15,347
By industry							
Farm employment	3,218	2,963	3,029	3,019	3,128	3,286	3,461
Nonfarm employment	86,802	88,603	87,594	87,905	89,156	89,077	90,640
Private nonfarm employment	65,125	66,464	65,263	65,561	67,417	67,795	69,424
Forestry, fishing, and related activities	1,037	1,066	1,078	1,090	1,126	1,107	1,164
Mining	159	181	154	162	150	175	179
Utilities	325	333	366	359	375	399	403
Construction	6,840	6,438	5,781	5,634	5,799	5,579	5,677
Manufacturing	3,504	3,452	3,233	3,150	3,441	3,266	3,127
Wholesale trade	1,561	1,628	1,560	1,549	1,420	1,426	1,604
Retail trade	8,857	8,812	8,423	8,402	8,795	8,891	9,026
Transportation and warehousing	2,519	2,445	2,385	2,308	2,492	2,567	2,440
Information	1,223	1,159	1,027	1,045	1,059	1,095	1,102
Finance and insurance	2,142	2,326	2,566	2,245	2,381	2,456	2,554
Real estate and rental and leasing	2,681	2,746	2,662	2,629	2,588	2,486	2,525
Professional, scientific, and technical services	4,293	4,715	4,802	5,146	4,716	4,779	5,353
Management of companies and enterprises	150	159	142	136	110	74	58
Administrative and waste management services	3,563	4,061	4,400	4,763	4,791	4,767	4,918
Educational services	825	935	878	921	906	962	977
Health care and social assistance	12,340	12,645	12,652	12,988	13,987	14,427	14,490
Arts, entertainment, and recreation	1,909	1,870	1,902	1,919	1,848	1,775	1,779
Accommodation and food services	6,596	6,690	6,518	6,588	6,738	6,872	7,318
Other services, except public administration	4,601	4,803	4,734	4,527	4,695	4,692	4,730
Government and government enterprises	21,677	22,139	22,331	22,344	21,739	21,282	21,216
Federal, civilian	3,719	3,862	4,056	4,274	4,062	3,881	3,757
Military	556	576	580	590	595	594	591
State and local	17,402	17,701	17,695	17,480	17,082	16,807	16,868
State government	8,809	8,959	8,974	8,849	8,452	8,174	8,175
Local government	8,593	8,742	8,721	8,631	8,630	8,633	8,693
Total employment	90,020	91,566	90,623	90,924	92,284	92,363	94,101
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

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

Table 7: Dona Ana County, New Mexico and United States Percent of Employment by Industry 2013			
	United States	New Mexico	Dona Ana County
By type			
Wage and salary employment	78.00	78.74	81.86
Proprietors employment	22.00	21.26	18.14
Farm proprietors employment	1.01	1.89	1.83
Nonfarm proprietors employment	20.99	19.36	16.31
By industry			
Farm employment	1.44	2.62	3.68
Nonfarm employment	98.56	97.38	96.32
Private nonfarm employment	85.37	77.79	73.78
Forestry, fishing, and related activities	0.50	0.48	1.24
Mining	0.88	3.41	0.19
Utilities	0.32	0.43	0.43
Construction	5.08	5.52	6.03
Manufacturing	6.99	3.28	3.32
Wholesale trade	3.48	2.45	1.70
Retail trade	10.08	10.48	9.59
Transportation and warehousing	3.29	2.36	2.59
Information	1.79	1.49	1.17
Finance and insurance	5.42	3.30	2.71
Real estate and rental and leasing	4.38	3.62	2.68
Professional, scientific, and technical services	6.83	7.03	5.69
Management of companies and enterprises	1.24	0.51	0.06
Administrative and waste management services	6.21	5.04	5.23
Educational services	2.32	1.48	1.04
Health care and social assistance	11.29	11.54	15.40
Arts, entertainment, and recreation	2.26	2.25	1.89
Accommodation and food services	7.18	7.91	7.78
Other services, except public administration	5.82	5.21	5.03
Government and government enterprises	13.19	19.59	22.55
Federal, civilian	1.55	2.82	3.99
Military	1.11	1.70	0.63
State and local	10.53	15.07	17.93
State government	2.89	5.37	8.69
Local government	7.64	9.70	9.24
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: Dona Ana County Percent of Employment by Sectors 2007 - 2013

Description	2007	2008	2009	2010	2011	2012	2013
By type							
Wage and salary employment	82.02	82.12	81.62	81.83	81.09	81.83	81.86
Proprietors employment	17.98	17.88	18.38	18.17	18.91	18.17	18.14
Farm proprietors employment	1.71	1.63	1.65	1.73	1.81	1.86	1.83
Nonfarm proprietors employment	16.27	16.24	16.72	16.43	17.10	16.31	16.31
By industry							
Farm employment	3.57	3.24	3.34	3.32	3.39	3.56	3.68
Nonfarm employment	96.43	96.76	96.66	96.68	96.61	96.44	96.32
Private nonfarm employment	72.35	72.59	72.02	72.11	73.05	73.40	73.78
Forestry, fishing, and related activities	1.15	1.16	1.19	1.20	1.22	1.20	1.24
Mining	0.18	0.20	0.17	0.18	0.16	0.19	0.19
Utilities	0.36	0.36	0.40	0.39	0.41	0.43	0.43
Construction	7.60	7.03	6.38	6.20	6.28	6.04	6.03
Manufacturing	3.89	3.77	3.57	3.46	3.73	3.54	3.32
Wholesale trade	1.73	1.78	1.72	1.70	1.54	1.54	1.70
Retail trade	9.84	9.62	9.29	9.24	9.53	9.63	9.59
Transportation and warehousing	2.80	2.67	2.63	2.54	2.70	2.78	2.59
Information	1.36	1.27	1.13	1.15	1.15	1.19	1.17
Finance and insurance	2.38	2.54	2.83	2.47	2.58	2.66	2.71
Real estate and rental and leasing	2.98	3.00	2.94	2.89	2.80	2.69	2.68
Professional, scientific, and technical services	4.77	5.15	5.30	5.66	5.11	5.17	5.69
Management of companies and enterprises	0.17	0.17	0.16	0.15	0.12	0.08	0.06
Administrative and waste management services	3.96	4.44	4.86	5.24	5.19	5.16	5.23
Educational services	0.92	1.02	0.97	1.01	0.98	1.04	1.04
Health care and social assistance	13.71	13.81	13.96	14.28	15.16	15.62	15.40
Arts, entertainment, and recreation	2.12	2.04	2.10	2.11	2.00	1.92	1.89
Accommodation and food services	7.33	7.31	7.19	7.25	7.30	7.44	7.78
Other services, except public administration	5.11	5.25	5.22	4.98	5.09	5.08	5.03
Government and government enterprises	24.08	24.18	24.64	24.57	23.56	23.04	22.55
Federal, civilian	4.13	4.22	4.48	4.70	4.40	4.20	3.99
Military	0.62	0.63	0.64	0.65	0.64	0.64	0.63
State and local	19.33	19.33	19.53	19.22	18.51	18.20	17.93
State government	9.79	9.78	9.90	9.73	9.16	8.85	8.69
Local government	9.55	9.55	9.62	9.49	9.35	9.35	9.24
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>							