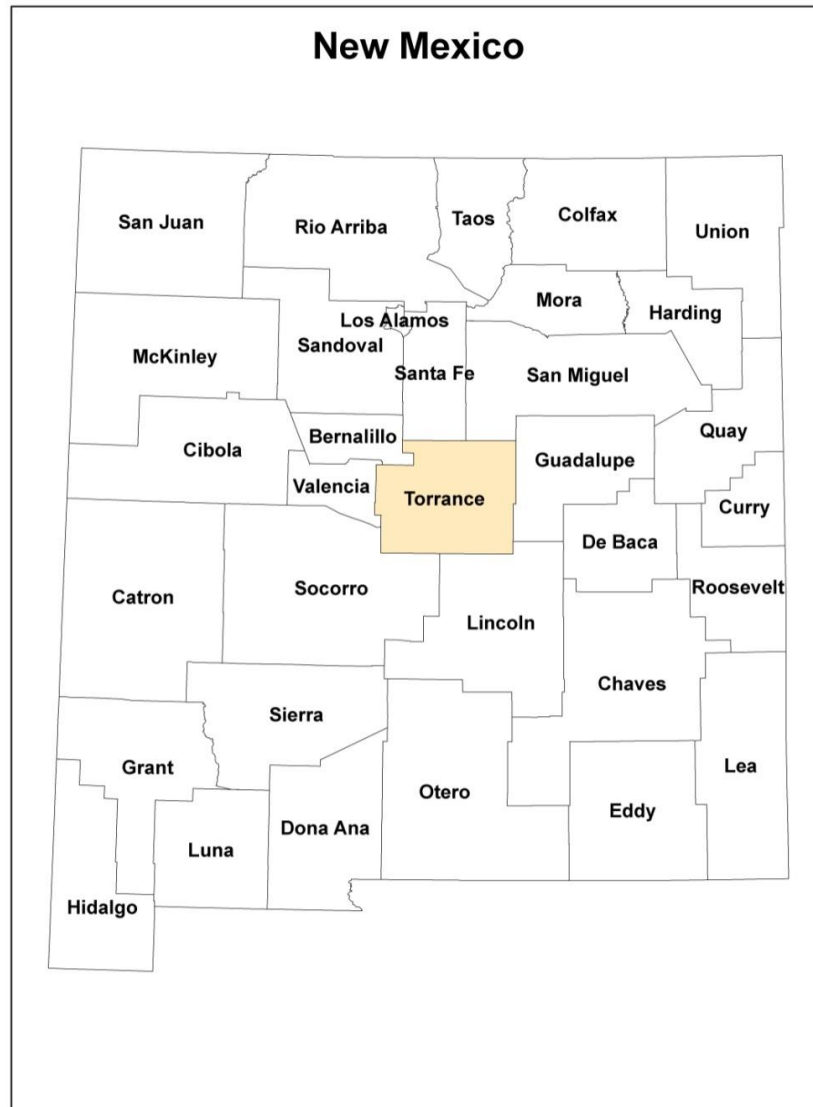


The Economic Base of Torrance County, NM

**PREPARED BY: Arrowhead Center,
New Mexico State University**

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Introduction

This report is one of 35 economic base studies prepared by 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. Erin Sumner, a graduate student in the NMSU Doctorate of Economic Development 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, an LQ for a single New Mexico industry (industry j) may be calculated as follows:

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

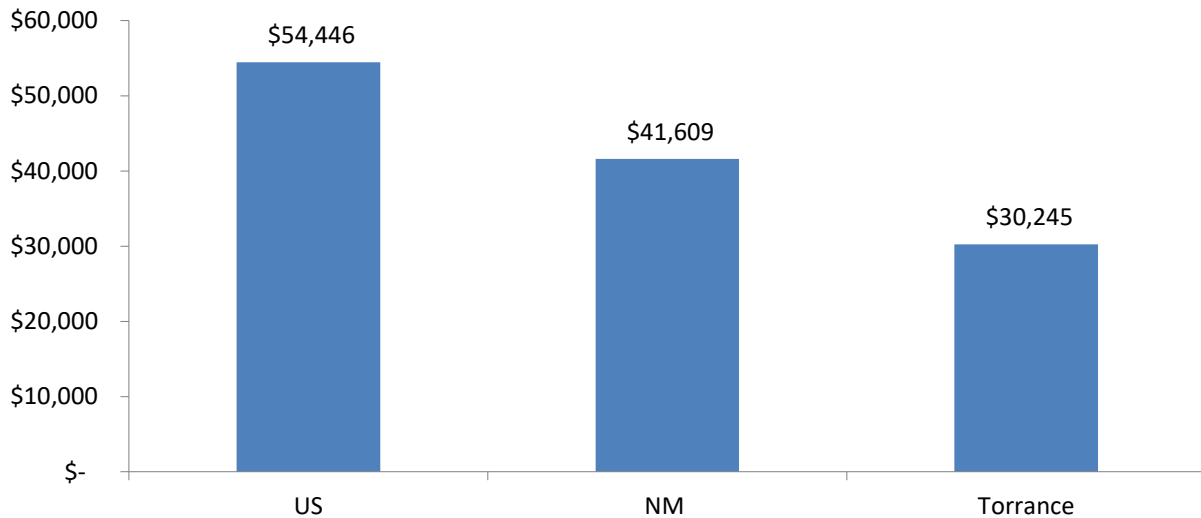
The LQ serves to illustrate the relative importance in the level of the local employment of that sector with respect to the benchmark economy, state or national. An LQ greater than 1.0 indicates that a particular industry employs proportionately more workers locally than it does at the state or national 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/wp-content/uploads/2015/06/WhatisaLocationQuotient.pdf>.

In this report, LQs are calculated for industries within Torrance County with the national employment as the basis for comparison (see Table 1). Additionally, LQs using employment for the state of New Mexico as benchmark are included (see Table 2). In this report, basic industries are identified using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and for the four preceding years (2014-2018). 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.

Torrance County, New Mexico

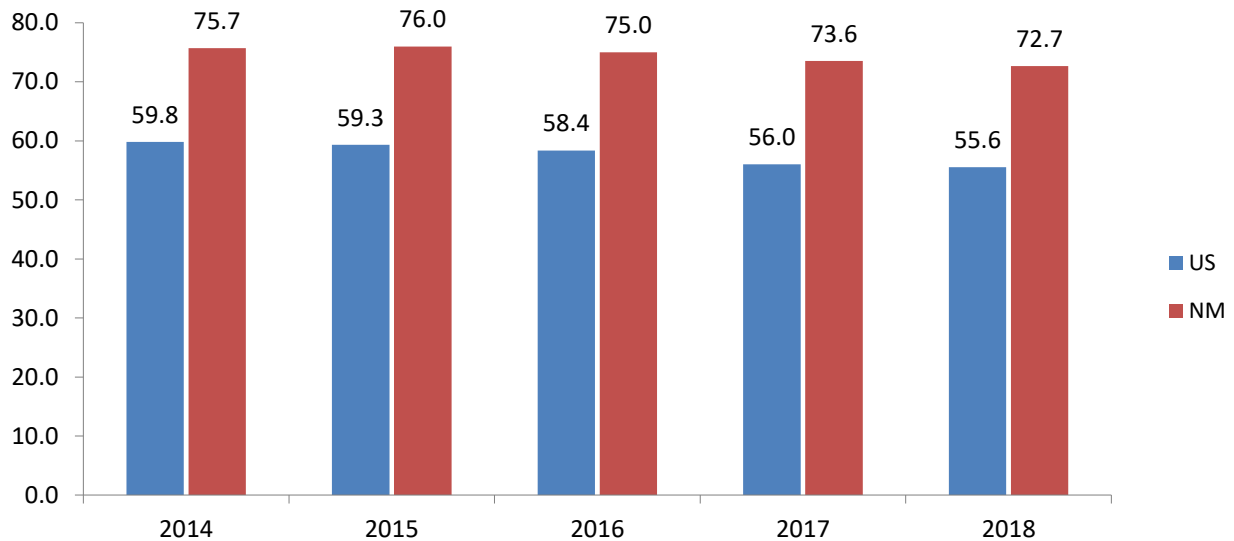
Torrance County is located in central New Mexico and contains 3,345 square miles, or 2.76 percent of the land area in New Mexico. Torrance County's population in 2018 was 15,591 (0.74 percent of the state total) and ranked 23rd among New Mexico's counties. The town of Moriarty with a population of 2,223 in 2018 contained 14.26 percent of Torrance County's population. Between 2014 and 2018, Torrance County's population decreased by 0.50 percent, while New Mexico's population increased by 0.24 percent and the nation's population increased by 2.76 percent.

Figure 1. Per Capita Personal Income: Torrance County (2018)



Torrance County per capita personal income was \$30,245 in 2018 (See Figure 1). Torrance County's 2018 per capita income was 72.69 percent of the corresponding state figure (\$41,609), and 55.55 percent of the national average (\$54,446) (See Figure 2). Torrance county's per capita income grew by 7.47 percent from 2014 to 2018 while New Mexico and the nation's per capita income grew by 11.91 percent and 15.70 percent respectively during the same time period.

Figure 2. Per Capita Personal Income of Torrance County as a Percent of U.S. and New Mexico (2014-2018)



Total employment in Torrance County in 2018 was 5,213. Total employment in Torrance County decreased by 0.44 percent between 2014 and 2018, a rate lower than the employment increase experienced by state (2.93 percent increase) and the nation (7.79 percent increase). The Torrance County employment to population ratio was 0.33, much lower than New Mexico's 2018 employment to population ratio (0.53) or the nation's ratio (0.61).

Data on employment by industry for Torrance County is limited, as the BEA does not disclose certain data for industries with few competing businesses due to confidentiality requirements. Also, those industries with fewer than 10 total employees are not disclosed. For both of these cases industry data are included in annual countywide totals.

In 2018, 68.29 percent of workers in Torrance County were employed in the Private sector, 19.07 percent were employed in Government and Government Enterprises, and Farm employment accounted for 12.64 percent of total employment. The industries with the highest percentage of total employment were Retail Trade (13.35) and Construction (6.31). Local government was the largest employer in the public sector at 15.29 percent of total employment. Federal/civilian, Military, and State employment accounted for 1.21 percent, 0.73

percent, and 1.84 percent of the total, respectively. Torrance County employment by sector is displayed in Table 1.

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

Table 2 contains LQs for Torrance County from 2014 to 2018 calculated using data for the United States as the basis of comparison. Table 3 contains LQs for Torrance County from 2014 to 2018 calculated with respect to the state of New Mexico. In this analysis, a basic industry is defined as an industry with an LQ greater than 1.0 with respect to the U.S. employment. The sectors with an LQ greater than 1.0 have been shaded.

The importance of agriculture to the economic base of Torrance County is reflected by the high LQ in Farm Employment. The LQ for Farm Employment was 9.75 in 2018. Farm employment is considered a basic industry in Torrance County. Additionally, other industries within the private sector that have LQs above 1.0 in 2018 were Construction (1.15), Utilities (6.33), Retail Trade (1.39), and Wholesale Trade (1.13). Nevertheless, these industries in Torrance County are probably best viewed as non-basic or support industries.

Government and Government Enterprises is an aggregate category that includes the other government sectors. Local government was the only public sector with an LQ over 1.0 in 2018. Although Local government had an LQ of 2.13 in 2018, local government is generally categorized as non-basic given that all local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, local government for Torrance County will be considered as a non-basic industry.

The data and analysis suggest that the following industries should be considered basic industries in Torrance County in 2018:

1. Farm employment, accounted for 659 jobs.

It is common in economic base studies to calculate what is known as an export-base multiplier. This multiplier is obtained by dividing total employment in Torrance County by basic sector employment. In the case of Torrance County, the multiplier is 7.91 (5,213/659). This ratio suggests that the addition of each basic sector job in Torrance County would be associated

with an additional 7.91 non-basic sector jobs. The export base multiplier (7.91) calculated above reinforces the importance of basic (exporting) industries to the Torrance County economy. 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 Torrance 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 appropriate mix of such policies is often a result of public and private sector interaction.

Changes from Prior Year

This document has been revised to reflect data figures obtained from the BEA for the economic data and the U.S. Census for population data. Torrance County's population decreased by 0.01 percent from 15,593 in 2017 to 15,591 in 2018. Per capita income increased by 4.03 percent from \$29,072 in 2017 to \$30,245 in 2018. Total employment decreased by 3.00 percent between 2017 and 2018, a decrease of 161 jobs.

Tables 1 to 10 appear on pages 7-16

Table 1: Torrance Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	3484	3533	3481	3519	3324
Proprietors employment	1752	1820	1809	1855	1889
Farm proprietors employment	516	521	520	522	516
Nonfarm proprietors employment 2/	1236	1299	1289	1333	1373
By industry					
Farm employment	646	664	680	666	659
Nonfarm employment	4590	4689	4610	4708	4554
Private nonfarm employment	3530	3659	3576	3692	3560
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	97	97
Construction	276	294	293	333	329
Manufacturing	187	209	139	148	145
Wholesale trade	230	229	207	193	189
Retail trade	665	670	657	662	696
Transportation and warehousing	N/A	N/A	N/A	180	187
Information	31	N/A	29	30	31
Finance and insurance	95	78	84	N/A	81
Real estate and rental and leasing	112	N/A	123	N/A	141
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	160
Management of companies and enterprises	18	22	32	1	1
Administrative and waste management services	N/A	N/A	N/A	N/A	174
Educational services	92	111	93	N/A	N/A
Health care and social assistance	371	394	430	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	105
Accommodation and food services	N/A	N/A	N/A	N/A	231
Other services, except public administration	286	288	286	284	295
Government and government enterprises	1060	1030	1034	1016	994
Federal, civilian	73	66	65	62	63
Military	41	38	38	39	38
State and local	946	926	931	915	893
State government	68	77	98	96	96
Local government	878	849	833	819	797
Total employment	5,236	5,353	5,290	5,374	5,213

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 2: Location Quotients for Torrance (US Base) 2014-2018					
US Base	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.86	0.85	0.85	0.85	0.83
Proprietors employment	1.50	1.52	1.52	1.51	1.57
Farm proprietors employment	9.97	10.13	10.46	10.61	11.10
Nonfarm proprietors employment	1.11	1.13	1.13	1.13	1.19
By industry					
Farm employment	8.69	8.92	9.42	9.31	9.75
Nonfarm employment	0.89	0.89	0.88	0.89	0.89
Private nonfarm employment	0.79	0.80	0.79	0.80	0.79
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	6.01	6.33
Construction	1.03	1.06	1.04	1.16	1.15
Manufacturing	0.52	0.57	0.39	0.41	0.41
Wholesale trade	1.22	1.19	1.17	1.09	1.13
Retail trade	1.26	1.25	1.25	1.25	1.39
Transportation and warehousing	N/A	N/A	N/A	0.77	0.77
Information	0.33	N/A	0.31	0.32	0.35
Finance and insurance	0.35	0.28	0.30	N/A	0.30
Real estate and rental and leasing	0.47	N/A	0.51	N/A	0.57
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	0.43
Management of companies and enterprises	0.27	0.32	0.45	0.01	0.01
Administrative and waste management services	N/A	N/A	N/A	N/A	0.54
Educational services	0.73	0.86	0.73	N/A	N/A
Health care and social assistance	0.63	0.66	0.72	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	0.86
Accommodation and food services	N/A	N/A	N/A	N/A	0.59
Other services, except public administration	0.94	0.92	0.94	0.94	1.01
Government and government enterprises	1.57	1.52	1.56	1.52	1.56
Federal, civilian	0.93	0.84	0.83	0.79	0.85
Military	0.74	0.69	0.72	0.74	0.76
State and local	1.74	1.70	1.74	1.71	1.74
State government	0.45	0.51	0.67	0.65	0.69
Local government	2.24	2.15	2.15	2.10	2.13
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 3: Location Quotients for Torrance (NM Base) 2014-2018					
NM Based	2014	2015	2016	2017	2018
By type					
Wage and salary employment	0.85	0.84	0.83	0.83	0.81
Proprietors employment	1.57	1.60	1.61	1.61	1.68
Farm proprietors employment	4.95	4.93	4.99	4.96	5.20
Nonfarm proprietors employment	1.22	1.26	1.27	1.28	1.34
By industry					
Farm employment	4.72	4.66	4.70	4.69	4.92
Nonfarm employment	0.90	0.90	0.90	0.90	0.90
Private nonfarm employment	0.86	0.87	0.86	0.87	0.86
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	4.29	4.54
Construction	0.96	1.00	1.01	1.10	1.09
Manufacturing	1.14	1.25	0.87	0.93	0.92
Wholesale trade	1.65	1.64	1.68	1.58	1.65
Retail trade	1.21	1.19	1.19	1.21	1.33
Transportation and warehousing	N/A	N/A	N/A	1.22	1.22
Information	0.41	N/A	0.37	0.40	0.43
Finance and insurance	0.57	0.46	0.49	N/A	0.48
Real estate and rental and leasing	0.59	N/A	0.64	N/A	0.72
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	0.42
Management of companies and enterprises	0.66	0.76	1.04	0.03	0.03
Administrative and waste management services	N/A	N/A	N/A	N/A	0.65
Educational services	1.14	1.34	1.13	N/A	N/A
Health care and social assistance	0.62	0.62	0.66	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	0.86
Accommodation and food services	N/A	N/A	N/A	N/A	0.52
Other services, except public administration	1.07	1.05	1.07	1.05	1.12
Government and government enterprises	1.05	1.01	1.02	1.01	1.03
Federal, civilian	0.51	0.46	0.46	0.43	0.47
Military	0.48	0.46	0.46	0.46	0.46
State and local	1.21	1.16	1.19	1.17	1.20
State government	0.24	0.27	0.34	0.34	0.36
Local government	1.75	1.67	1.67	1.64	1.67
Total employment	1.00	1.00	1.00	1.00	1.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 4: Torrance, Total Employment by Industry 2018		
	Total Jobs	Percent of Total Employment
By type		
Wage and salary employment	3,324	63.76
Proprietors employment	1,889	36.24
Farm proprietors employment	516	9.90
Nonfarm proprietors employment	1,373	26.34
By industry		
Farm employment	659	12.64
Nonfarm employment	4,554	87.36
Private nonfarm employment	3,560	68.29
Forestry, fishing, and related activities	N/A	N/A
Mining	N/A	N/A
Utilities	97	1.86
Construction	329	6.31
Manufacturing	145	2.78
Wholesale trade	189	3.63
Retail trade	696	13.35
Transportation and warehousing	187	3.59
Information	31	0.59
Finance and insurance	81	1.55
Real estate and rental and leasing	141	2.70
Professional, scientific, and technical services	160	3.07
Management of companies and enterprises	1	0.02
Administrative and waste management services	174	3.34
Educational services	N/A	N/A
Health care and social assistance	N/A	N/A
Arts, entertainment, and recreation	105	2.01
Accommodation and food services	231	4.43
Other services, except public administration	295	5.66
Government and government enterprises	994	19.07
Federal, civilian	63	1.21
Military	38	0.73
State and local	893	17.13
State government	96	1.84
Local government	797	15.29
Total employment	5,213	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 5: New Mexico Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	852,638	859,962	861,216	862,809	875,574
Proprietors employment	231,134	232,022	231,421	234,860	240,000
Farm proprietors employment	21,557	21,579	21,534	21,511	21,243
Nonfarm proprietors employment 2/	209,577	210,443	209,887	213,349	218,757
By industry					
Farm employment	28,346	29,040	29,884	29,031	28,687
Nonfarm employment	1,055,426	1,062,944	1,062,753	1,068,638	1,086,887
Private nonfarm employment	845,767	854,456	854,248	862,552	881,228
Forestry, fishing, and related activities	5,674	5,541	5,820	5,989	6,157
Mining	38,214	36,656	31,809	31,204	34,490
Utilities	4,591	4,684	4,900	4,623	4,576
Construction	59,584	59,707	60,008	62,061	64,328
Manufacturing	34,027	34,157	33,187	32,562	33,596
Wholesale trade	28,854	28,501	25,380	24,989	24,563
Retail trade	113,924	114,887	113,636	111,466	111,663
Transportation and warehousing	25,905	27,245	26,673	30,016	32,916
Information	15,725	15,587	16,001	15,491	15,297
Finance and insurance	34,781	34,461	35,685	35,674	36,018
Real estate and rental and leasing	39,111	39,659	39,865	40,497	41,842
Professional, scientific, and technical services	76,116	77,543	77,750	79,918	81,618
Management of companies and enterprises	5,632	5,875	6,336	6,143	6,488
Administrative and waste management services	54,370	52,996	53,892	56,396	57,515
Educational services	16,709	16,959	17,013	17,048	17,004
Health care and social assistance	124,796	129,722	134,264	134,791	135,667
Arts, entertainment, and recreation	24,227	24,245	24,150	25,154	26,008
Accommodation and food services	88,297	90,194	92,523	93,512	95,173
Other services, except public administration	55,230	55,837	55,356	55,018	56,309
Government and government enterprises	209,659	208,488	208,505	206,086	205,659
Federal, civilian	29,451	29,188	29,385	29,281	28,881
Military	17,809	16,837	17,132	17,346	17,588
State and local	162,399	162,463	161,988	159,459	159,190
State government	58,771	58,969	58,707	57,448	57,079
Local government	103,628	103,494	103,281	102,011	102,111
Total employment	1,083,772	1,091,984	1,092,637	1,097,669	1,115,574

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 6: United States Employment by Industry 2014-2018					
Number of jobs by industry	2014	2015	2016	2017	2018
By type					
Wage and salary employment	144,722,000	147,636,000	149,912,000	151,860,000	154,375,000
Proprietors employment	41,511,800	42,679,800	43,459,900	44,965,300	46,371,000
Farm proprietors employment	1,840,000	1,829,000	1,818,000	1,802,000	1,790,000
Nonfarm proprietors employment	39,671,800	40,850,800	41,641,900	43,163,300	44,581,000
By industry					
Farm employment	2,643,000	2,646,000	2,638,000	2,621,000	2,604,000
Nonfarm employment	183,590,800	187,669,800	190,733,900	194,204,300	198,142,000
Private nonfarm employment	159,535,800	163,523,800	166,428,900	169,778,300	173,599,000
Forestry, fishing, and related activities	941,000	915,900	935,200	938,300	969,400
Mining	1,597,500	1,553,300	1,452,200	1,320,900	1,353,700
Utilities	580,600	597,400	622,000	590,800	589,700
Construction	9,564,300	9,844,900	10,322,100	10,557,000	10,973,300
Manufacturing	12,907,600	13,076,600	13,131,900	13,235,200	13,501,300
Wholesale trade	6,719,600	6,817,100	6,463,400	6,492,900	6,422,200
Retail trade	18,713,100	19,092,300	19,195,500	19,345,100	19,307,500
Transportation and warehousing	6,282,400	6,932,700	7,418,200	8,520,900	9,364,300
Information	3,327,000	3,316,400	3,384,900	3,404,500	3,460,100
Finance and insurance	9,621,000	9,845,600	10,188,400	10,250,300	10,394,600
Real estate and rental and leasing	8,405,800	8,668,300	8,868,200	9,203,700	9,504,800
Professional, scientific, and technical services	12,864,700	13,333,200	13,496,900	13,848,200	14,203,900
Management of companies and enterprises	2,361,300	2,425,500	2,603,800	2,568,700	2,669,500
Administrative and waste management services	11,719,200	11,770,600	12,034,600	12,212,600	12,472,900
Educational services	4,498,100	4,610,900	4,641,800	4,702,400	4,771,700
Health care and social assistance	20,798,400	21,351,100	21,816,100	22,214,300	22,619,800
Arts, entertainment, and recreation	4,223,300	4,220,100	4,363,100	4,518,600	4,684,900
Accommodation and food services	13,548,900	13,977,700	14,399,000	14,788,400	15,077,500
Other services, except public administration	10,862,000	11,174,200	11,091,600	11,065,500	11,257,900
Government and government enterprises	24,055,000	24,146,000	24,305,000	24,426,000	24,543,000
Federal, civilian	2,792,000	2,810,000	2,847,000	2,857,000	2,849,000
Military	1,975,000	1,957,000	1,928,000	1,929,000	1,922,000
State and local	19,288,000	19,379,000	19,530,000	19,640,000	19,772,000
State government	5,330,000	5,349,000	5,356,000	5,383,000	5,395,000
Local government	13,958,000	14,030,000	14,174,000	14,257,000	14,377,000
Total employment	186,233,800	190,315,800	193,371,900	196,825,300	200,746,000

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N

Table 7: Torrance, New Mexico and United States Percent of Employment by Industry 2018			
	United States	New Mexico	Torrance
By type			
Wage and salary employment	76.90	78.49	63.76
Proprietors employment	23.10	21.51	36.24
Farm proprietors employment	0.89	1.90	9.90
Nonfarm proprietors employment	22.21	19.61	26.34
By industry			
Farm employment	1.30	2.57	12.64
Nonfarm employment	98.70	97.43	87.36
Private nonfarm employment	86.48	78.99	68.29
Forestry, fishing, and related activities	0.48	0.55	N/A
Mining	0.67	3.09	N/A
Utilities	0.29	0.41	1.86
Construction	5.47	5.77	6.31
Manufacturing	6.73	3.01	2.78
Wholesale trade	3.20	2.20	3.63
Retail trade	9.62	10.01	13.35
Transportation and warehousing	4.66	2.95	3.59
Information	1.72	1.37	0.59
Finance and insurance	5.18	3.23	1.55
Real estate and rental and leasing	4.73	3.75	2.70
Professional, scientific, and technical services	7.08	7.32	3.07
Management of companies and enterprises	1.33	0.58	0.02
Administrative and waste management services	6.21	5.16	3.34
Educational services	2.38	1.52	N/A
Health care and social assistance	11.27	12.16	N/A
Arts, entertainment, and recreation	2.33	2.33	2.01
Accommodation and food services	7.51	8.53	4.43
Other services, except public administration	5.61	5.05	5.66
Government and government enterprises	12.23	18.44	19.07
Federal, civilian	1.42	2.59	1.21
Military	0.96	1.58	0.73
State and local	9.85	14.27	17.13
State government	2.69	5.12	1.84
Local government	7.16	9.15	15.29
Total employment	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 8: Torrance Percent of Employment by Sectors 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	66.54	66.00	65.80	65.48	63.76
Proprietors employment	33.46	34.00	34.20	34.52	36.24
Farm proprietors employment	9.85	9.73	9.83	9.71	9.90
Nonfarm proprietors employment	23.61	24.27	24.37	24.80	26.34
By industry					
Farm employment	12.34	12.40	12.85	12.39	12.64
Nonfarm employment	87.66	87.60	87.15	87.61	87.36
Private nonfarm employment	67.42	68.35	67.60	68.70	68.29
Forestry, fishing, and related activities	N/A	N/A	N/A	N/A	N/A
Mining	N/A	N/A	N/A	N/A	N/A
Utilities	N/A	N/A	N/A	1.80	1.86
Construction	5.27	5.49	5.54	6.20	6.31
Manufacturing	3.57	3.90	2.63	2.75	2.78
Wholesale trade	4.39	4.28	3.91	3.59	3.63
Retail trade	12.70	12.52	12.42	12.32	13.35
Transportation and warehousing	N/A	N/A	N/A	3.35	3.59
Information	0.59	N/A	0.55	0.56	0.59
Finance and insurance	1.81	1.46	1.59	N/A	1.55
Real estate and rental and leasing	2.14	N/A	2.33	N/A	2.70
Professional, scientific, and technical services	N/A	N/A	N/A	N/A	3.07
Management of companies and enterprises	0.34	0.41	0.60	0.02	0.02
Administrative and waste management services	N/A	N/A	N/A	N/A	3.34
Educational services	1.76	2.07	1.76	N/A	N/A
Health care and social assistance	7.09	7.36	8.13	N/A	N/A
Arts, entertainment, and recreation	N/A	N/A	N/A	N/A	2.01
Accommodation and food services	N/A	N/A	N/A	N/A	4.43
Other services, except public administration	5.46	5.38	5.41	5.28	5.66
Government and government enterprises	20.24	19.24	19.55	18.91	19.07
Federal, civilian	1.39	1.23	1.23	1.15	1.21
Military	0.78	0.71	0.72	0.73	0.73
State and local	18.07	17.30	17.60	17.03	17.13
State government	1.30	1.44	1.85	1.79	1.84
Local government	16.77	15.86	15.75	15.24	15.29
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation

Table 9: New Mexico Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	78.67	78.75	78.82	78.60	78.49
Proprietors employment	21.33	21.25	21.18	21.40	21.51
Farm proprietors employment	1.99	1.98	1.97	1.96	1.90
Nonfarm proprietors employment	19.34	19.27	19.21	19.44	19.61
By industry					
Farm employment	2.62	2.66	2.74	2.64	2.57
Nonfarm employment	97.38	97.34	97.26	97.36	97.43
Private nonfarm employment	78.04	78.25	78.18	78.58	78.99
Forestry, fishing, and related activities	0.52	0.51	0.53	0.55	0.55
Mining	3.53	3.36	2.91	2.84	3.09
Utilities	0.42	0.43	0.45	0.42	0.41
Construction	5.50	5.47	5.49	5.65	5.77
Manufacturing	3.14	3.13	3.04	2.97	3.01
Wholesale trade	2.66	2.61	2.32	2.28	2.20
Retail trade	10.51	10.52	10.40	10.15	10.01
Transportation and warehousing	2.39	2.49	2.44	2.73	2.95
Information	1.45	1.43	1.46	1.41	1.37
Finance and insurance	3.21	3.16	3.27	3.25	3.23
Real estate and rental and leasing	3.61	3.63	3.65	3.69	3.75
Professional, scientific, and technical services	7.02	7.10	7.12	7.28	7.32
Management of companies and enterprises	0.52	0.54	0.58	0.56	0.58
Administrative and waste management services	5.02	4.85	4.93	5.14	5.16
Educational services	1.54	1.55	1.56	1.55	1.52
Health care and social assistance	11.51	11.88	12.29	12.28	12.16
Arts, entertainment, and recreation	2.24	2.22	2.21	2.29	2.33
Accommodation and food services	8.15	8.26	8.47	8.52	8.53
Other services, except public administration	5.10	5.11	5.07	5.01	5.05
Government and government enterprises	19.35	19.09	19.08	18.77	18.44
Federal, civilian	2.72	2.67	2.69	2.67	2.59
Military	1.64	1.54	1.57	1.58	1.58
State and local	14.98	14.88	14.83	14.53	14.27
State government	5.42	5.40	5.37	5.23	5.12
Local government	9.56	9.48	9.45	9.29	9.15
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculations

Table 10: United States Percent of Employment by Industry 2014-2018					
Description	2014	2015	2016	2017	2018
By type					
Wage and salary employment	77.71	77.57	77.53	77.15	76.90
Proprietors employment	22.29	22.43	22.47	22.85	23.10
Farm proprietors employment	0.99	0.96	0.94	0.92	0.89
Nonfarm proprietors employment	21.30	21.46	21.53	21.93	22.21
By industry					
Farm employment	1.42	1.39	1.36	1.33	1.30
Nonfarm employment	98.58	98.61	98.64	98.67	98.70
Private nonfarm employment	85.66	85.92	86.07	86.26	86.48
Forestry, fishing, and related activities	0.51	0.48	0.48	0.48	0.48
Mining	0.86	0.82	0.75	0.67	0.67
Utilities	0.31	0.31	0.32	0.30	0.29
Construction	5.14	5.17	5.34	5.36	5.47
Manufacturing	6.93	6.87	6.79	6.72	6.73
Wholesale trade	3.61	3.58	3.34	3.30	3.20
Retail trade	10.05	10.03	9.93	9.83	9.62
Transportation and warehousing	3.37	3.64	3.84	4.33	4.66
Information	1.79	1.74	1.75	1.73	1.72
Finance and insurance	5.17	5.17	5.27	5.21	5.18
Real estate and rental and leasing	4.51	4.55	4.59	4.68	4.73
Professional, scientific, and technical services	6.91	7.01	6.98	7.04	7.08
Management of companies and enterprises	1.27	1.27	1.35	1.31	1.33
Administrative and waste management services	6.29	6.18	6.22	6.20	6.21
Educational services	2.42	2.42	2.40	2.39	2.38
Health care and social assistance	11.17	11.22	11.28	11.29	11.27
Arts, entertainment, and recreation	2.27	2.22	2.26	2.30	2.33
Accommodation and food services	7.28	7.34	7.45	7.51	7.51
Other services, except public administration	5.83	5.87	5.74	5.62	5.61
Government and government enterprises	12.92	12.69	12.57	12.41	12.23
Federal, civilian	1.50	1.48	1.47	1.45	1.42
Military	1.06	1.03	1.00	0.98	0.96
State and local	10.36	10.18	10.10	9.98	9.85
State government	2.86	2.81	2.77	2.73	2.69
Local government	7.49	7.37	7.33	7.24	7.16
Total employment	100.00	100.00	100.00	100.00	100.00

Source: Bureau of Economic Analysis at www.bea.gov, table CAEMP25N and author's calculation