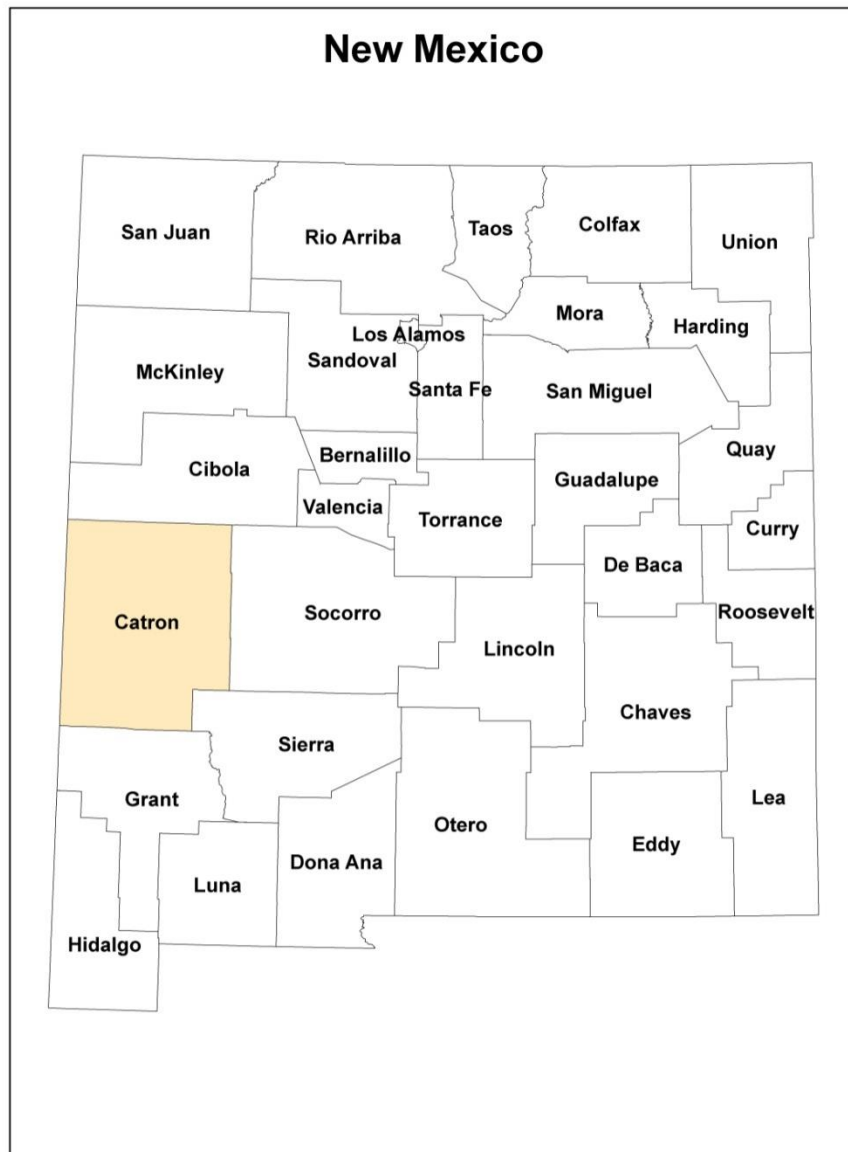


**The Economic Base of Catron County, NM**

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

**DATE: July 2020**



## The Economic Base of Catron County, New Mexico

### 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 in 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](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 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:

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

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 Catron 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 using general knowledge about the structure of the local economy combined with LQs greater than 1.0. LQs are described for the most recent year for which data were available and the four years preceding (2014-2018). The economic data used in this report are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA) which can be found at [www.bea.gov](http://www.bea.gov).

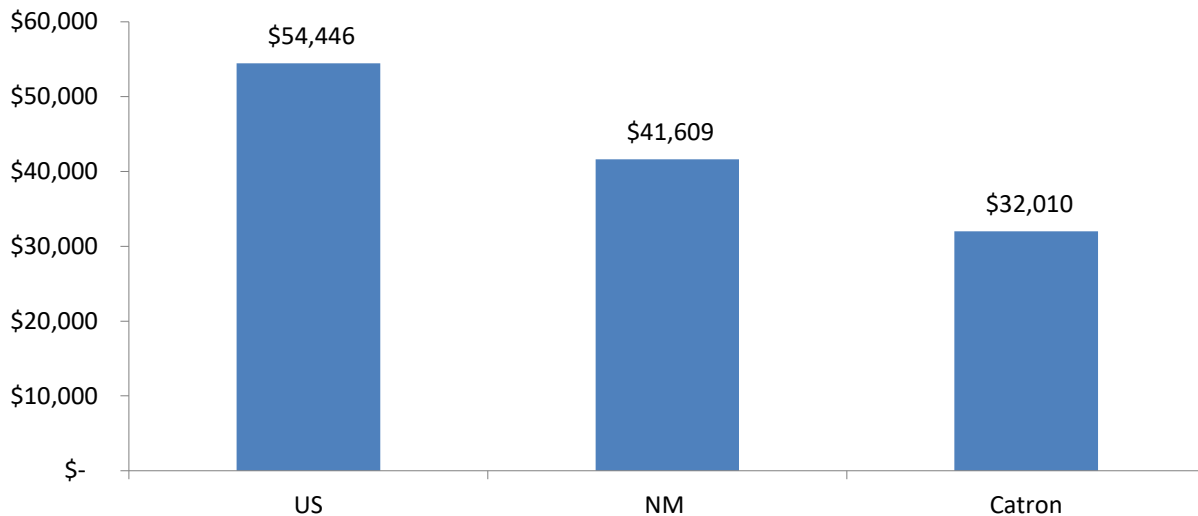
### **Catron County, New Mexico**

Catron County is located in central western New Mexico and contains 6,923.69 square miles, or 5.71 percent of the land area in New Mexico, and is the largest county in the state.

The population of Catron County in 2018 was 3,578 (0.17 percent of the state total), ranking 31st among New Mexico’s counties in terms of population. Between 2014 and 2018, Catron County’s population grew at a rate of 0.79 percent, while New Mexico’s population increased by 0.24 percent and the nation’s population increased by 2.76 percent during the same period.

Per capita personal income in Catron County in 2018 was \$32,010. Per capita income for Catron County in 2018 was 76.93 percent of the average for New Mexico (\$41,609), and 58.79 percent of the national average (\$54,446) (See Figures 1 and 2).

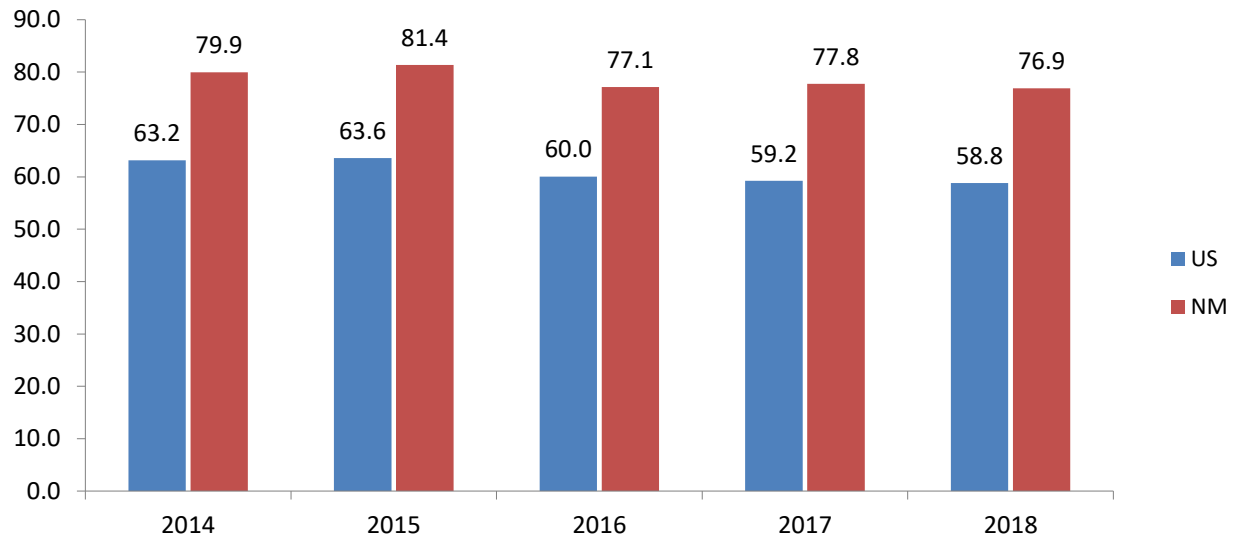
**Figure 1. Per Capita Personal Income: Catron (2018)**



The growth rate of per capita income in Catron County between 2014 and 2018 was 7.68 percent, lower than the growth rates for New Mexico (11.91 percent) and the United States (15.70 percent).

Given the relatively small number of competing businesses in Catron County, the data publicly disclosed by the BEA is limited to avoid disclosure of confidential information. However, the sector estimates for each item not disclosed are included in the totals at the county level. This criterion also applies for sectors with fewer than 10 jobs. Given the small population of Catron County, the analysis of the employment sectors is limited to the available data by sector and the estimates totals.

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



The total number of employment in Catron County in 2018 was 1,656. Total employment in Catron County increased by 2.03 percent between 2014 and 2018, a lower growth rate compared to the increase of 2.93 percent in the state of New Mexico and the 7.79 percent increase in the nation. Based on the total employment for Catron County, the positive 2.03 percent growth rate represented 33 new jobs in the community between 2014 and 2018. The employment to population ratio for Catron County in 2018 was 0.46, lower than the New Mexico (0.53) and the U.S. ratio (0.61).

In 2018, 60.02 percent of all employment in Catron County was private sector, while Government and Government Enterprises accounted for 17.87 percent and Farm employment accounted for 22.10 percent of the total. Federal/civilian and Local government were the largest employers in the public sector and accounted for 5.50 percent and 10.51 percent, respectively. State employment accounted for 1.33 percent. In the private sector, the largest percentages of employment included: Construction (3.99), Manufacturing (3.32), and Accommodations and Food Services (3.08). Catron County employment by sector is displayed in Table 1.

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

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

A high level of specialization for the Agricultural sector is present in Catron County. The agricultural sector had been defined in the past to include Farm employment (LQ of 17.04) and private employment in Forestry, Fishing, and Related Activities. However, in 2018 the data for Forestry, Fishing, and Related Activities was not disclosed, therefore will be excluded from the Agricultural sector for 2018. Farm employment qualifies as a basic industry in Catron County with its LQs greater than 15.50 in all years considered. Additionally, this sector has shown a fluctuating trend and a significant increase in its LQ between 2014 and 2018.

Mining was in the past considered a basic industry in Catron County, however the data for this industry was not disclosed in 2018, therefore it will not be considered a basic industry in this analysis. Real Estate and Rental and Leasing has also been considered a basic sector in Catron County in past years; however, due to the lack of data reported over the last five years, no analysis on this sector is available.

For the public sector, the entry labeled Government and Government Enterprises is the aggregate figure of all government levels listed as government categories. Government sectors with LQs greater than 1.0 in 2018 include: Federal/civilian employment and Local government. In 2018, Federal/civilian employment (LQ of 3.87) is considered a basic industry with 91 jobs. The large LQ for Federal/civilian employment reflects the economic base of the three national forests in Catron County—Gila, Cibola, and Apache—which combined account for more than half of the land area in the county. Local government had an LQ of 1.47 in 2018 and accounted for 174 jobs. However, local governments are generally categorized as non-basic industries given that local governments collect taxes from residents to provide for the services to the community, including employment. Following this practice, Local government for Catron County will be considered as a non-basic industry.

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

1. The Agriculture sector with Farm employment, accounted for 366 jobs.
2. Federal/civilian employment, accounted for 91 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 Catron County, the multiplier is 3.62 (1,656/457). This ratio suggests that the addition of each basic sector job in Catron County would be associated with additional 3.62 non-basic sector jobs. The export base multiplier (3.62) calculated above reinforces the importance of basic (exporting) industries to the economy of Catron 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.

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

### **Changes from Prior Year**

This document has been revised to reflect data figures obtained from the BEA for the economic data and the U.S. Census Bureau for population data. Between 2017 and 2018, the population for Catron County increased by 0.31 percent from 3,567 to 3,578, respectively. Per capita income grew by 4.13 percent between 2017 (\$30,739) and 2018 (\$32,010). Total employment increased by 0.24 percent with a gain of 4 jobs.

**Tables 1 to 10 appear on pages 7-16**

| <b>Table 1: Catron Employment by Industry 2014-2018</b> |              |              |              |              |              |
|---|--------------|--------------|--------------|--------------|--------------|
| <b>Number of jobs by industry</b>                       | <b>2014</b>  | <b>2015</b>  | <b>2016</b>  | <b>2017</b>  | <b>2018</b>  |
| <b>By type</b>  |              |              |              |              |              |
| Wage and salary employment                              | 765          | 772          | 767          | 791          | 775          |
| Proprietors employment                                  | 858          | 856          | 853          | 861          | 881          |
| Farm proprietors employment                             | 288          | 293          | 293          | 293          | 290          |
| Nonfarm proprietors employment 2/                       | 570          | 563          | 560          | 568          | 591          |
| <b>By industry</b>                                      |              |              |              |              |              |
| Farm employment   | 357          | 369          | 378          | 370          | 366          |
| Nonfarm employment                                      | 1266         | 1259         | 1242         | 1282         | 1290         |
| Private nonfarm employment                              | 943          | 949          | 944          | 978          | 994          |
| 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   | 11           | 9            | N/A          | N/A          | N/A          |
| Construction  | 83           | 71           | 66           | 65           | 66           |
| Manufacturing   | 52           | 52           | 51           | 54           | 55           |
| Wholesale trade   | N/A          | N/A          | N/A          | N/A          | N/A          |
| Retail trade  | N/A          | N/A          | N/A          | N/A          | N/A          |
| Transportation and warehousing                          | N/A          | N/A          | 21           | 28           | 34           |
| Information   | N/A          | N/A          | N/A          | N/A          | N/A          |
| Finance and insurance                                   | N/A          | N/A          | N/A          | N/A          | N/A          |
| Real estate and rental and leasing                      | N/A          | N/A          | N/A          | N/A          | N/A          |
| Professional, scientific, and technical services        | N/A          | N/A          | N/A          | N/A          | N/A          |
| Management of companies and enterprises                 | 0            | 0            | 0            | 0            | 0            |
| Administrative and waste management services            | N/A          | N/A          | N/A          | N/A          | N/A          |
| Educational services                                    | N/A          | N/A          | N/A          | N/A          | N/A          |
| Health care and social assistance                       | N/A          | N/A          | N/A          | N/A          | N/A          |
| Arts, entertainment, and recreation                     | 32           | N/A          | N/A          | 34           | 35           |
| Accommodation and food services                         | 54           | N/A          | N/A          | 49           | 51           |
| Other services, except public administration            | N/A          | N/A          | N/A          | N/A          | N/A          |
| Government and government enterprises                   | 323          | 310          | 298          | 304          | 296          |
| Federal, civilian                                       | 99           | 99           | 97           | 96           | 91           |
| Military  | 9            | 9            | 9            | 9            | 9            |
| State and local   | 215          | 202          | 192          | 199          | 196          |
| State government  | 52           | 44           | 27           | 23           | 22           |
| Local government  | 163          | 158          | 165          | 176          | 174          |
| <b>Total employment</b>                                 | <b>1,623</b> | <b>1,628</b> | <b>1,620</b> | <b>1,652</b> | <b>1,656</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N



| <b>Table 2: Location Quotients for Catron (US Base) 2014-2018</b> |             |             |             |             |             |
|---|-------------|-------------|-------------|-------------|-------------|
| <b>US Base</b>  | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>2017</b> | <b>2018</b> |
| <b>By type</b>  |             |             |             |             |             |
| Wage and salary employment  | 0.61        | 0.61        | 0.61        | 0.62        | 0.61        |
| Proprietors employment  | 2.37        | 2.34        | 2.34        | 2.28        | 2.30        |
| Farm proprietors employment                                       | 17.96       | 18.73       | 19.24       | 19.37       | 19.64       |
| Nonfarm proprietors employment                                    | 1.65        | 1.61        | 1.61        | 1.57        | 1.61        |
| <b>By industry</b>  |             |             |             |             |             |
| Farm employment   | 15.50       | 16.30       | 17.10       | 16.82       | 17.04       |
| Nonfarm employment  | 0.79        | 0.78        | 0.78        | 0.79        | 0.79        |
| Private nonfarm employment  | 0.68        | 0.68        | 0.68        | 0.69        | 0.69        |
| 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   | 2.17        | 1.76        | N/A         | N/A         | N/A         |
| Construction  | 1.00        | 0.84        | 0.76        | 0.73        | 0.73        |
| Manufacturing   | 0.46        | 0.46        | 0.46        | 0.49        | 0.49        |
| Wholesale trade   | N/A         | N/A         | N/A         | N/A         | N/A         |
| Retail trade  | N/A         | N/A         | N/A         | N/A         | N/A         |
| Transportation and warehousing                                    | N/A         | N/A         | 0.34        | 0.39        | 0.44        |
| Information   | N/A         | N/A         | N/A         | N/A         | N/A         |
| Finance and insurance   | N/A         | N/A         | N/A         | N/A         | N/A         |
| Real estate and rental and leasing                                | N/A         | N/A         | N/A         | N/A         | N/A         |
| Professional, scientific, and technical services                  | N/A         | N/A         | N/A         | N/A         | N/A         |
| Management of companies and enterprises                           | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| Administrative and waste management services                      | N/A         | N/A         | N/A         | N/A         | N/A         |
| Educational services  | N/A         | N/A         | N/A         | N/A         | N/A         |
| Health care and social assistance                                 | N/A         | N/A         | N/A         | N/A         | N/A         |
| Arts, entertainment, and recreation                               | 0.87        | N/A         | N/A         | 0.90        | 0.91        |
| Accommodation and food services                                   | 0.46        | N/A         | N/A         | 0.39        | 0.41        |
| Other services, except public administration                      | N/A         | N/A         | N/A         | N/A         | N/A         |
| Government and government enterprises                             | 1.54        | 1.50        | 1.46        | 1.48        | 1.46        |
| Federal, civilian   | 4.07        | 4.12        | 4.07        | 4.00        | 3.87        |
| Military  | 0.52        | 0.54        | 0.56        | 0.56        | 0.57        |
| State and local   | 1.28        | 1.22        | 1.17        | 1.21        | 1.20        |
| State government  | 1.12        | 0.96        | 0.60        | 0.51        | 0.49        |
| Local government  | 1.34        | 1.32        | 1.39        | 1.47        | 1.47        |
| <b>Total employment</b>   | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

| <b>Table 3: Location Quotients for Catron (NM Base) 2014-2018</b> |             |             |             |             |             |
|---|-------------|-------------|-------------|-------------|-------------|
| <b>NM Based</b>   | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>2017</b> | <b>2018</b> |
| <b>By type</b>  |             |             |             |             |             |
| Wage and salary employment  | 0.60        | 0.60        | 0.60        | 0.61        | 0.60        |
| Proprietors employment  | 2.48        | 2.47        | 2.49        | 2.44        | 2.47        |
| Farm proprietors employment                                       | 8.92        | 9.11        | 9.18        | 9.05        | 9.20        |
| Nonfarm proprietors employment                                    | 1.82        | 1.79        | 1.80        | 1.77        | 1.82        |
| <b>By industry</b>  |             |             |             |             |             |
| Farm employment   | 8.41        | 8.52        | 8.53        | 8.47        | 8.59        |
| Nonfarm employment  | 0.80        | 0.79        | 0.79        | 0.80        | 0.80        |
| Private nonfarm employment  | 0.74        | 0.74        | 0.75        | 0.75        | 0.76        |
| 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   | 1.60        | 1.29        | N/A         | N/A         | N/A         |
| Construction  | 0.93        | 0.80        | 0.74        | 0.70        | 0.69        |
| Manufacturing   | 1.02        | 1.02        | 1.04        | 1.10        | 1.10        |
| Wholesale trade   | N/A         | N/A         | N/A         | N/A         | N/A         |
| Retail trade  | N/A         | N/A         | N/A         | N/A         | N/A         |
| Transportation and warehousing                                    | N/A         | N/A         | 0.53        | 0.62        | 0.70        |
| Information   | N/A         | N/A         | N/A         | N/A         | N/A         |
| Finance and insurance   | N/A         | N/A         | N/A         | N/A         | N/A         |
| Real estate and rental and leasing                                | N/A         | N/A         | N/A         | N/A         | N/A         |
| Professional, scientific, and technical services                  | N/A         | N/A         | N/A         | N/A         | N/A         |
| Management of companies and enterprises                           | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| Administrative and waste management services                      | N/A         | N/A         | N/A         | N/A         | N/A         |
| Educational services  | N/A         | N/A         | N/A         | N/A         | N/A         |
| Health care and social assistance                                 | N/A         | N/A         | N/A         | N/A         | N/A         |
| Arts, entertainment, and recreation                               | 0.88        | N/A         | N/A         | 0.90        | 0.91        |
| Accommodation and food services                                   | 0.41        | N/A         | N/A         | 0.35        | 0.36        |
| Other services, except public administration                      | N/A         | N/A         | N/A         | N/A         | N/A         |
| Government and government enterprises                             | 1.03        | 1.00        | 0.96        | 0.98        | 0.97        |
| Federal, civilian   | 2.24        | 2.28        | 2.23        | 2.18        | 2.12        |
| Military  | 0.34        | 0.36        | 0.35        | 0.34        | 0.34        |
| State and local   | 0.88        | 0.83        | 0.80        | 0.83        | 0.83        |
| State government  | 0.59        | 0.50        | 0.31        | 0.27        | 0.26        |
| Local government  | 1.05        | 1.02        | 1.08        | 1.15        | 1.15        |
| <b>Total employment</b>   | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> | <b>1.00</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

| <b>Table 4: Catron, Total Employment by Industry 2018</b> |                   |                                    |
|---|-------------------|------------------------------------|
|   | <b>Total Jobs</b> | <b>Percent of Total Employment</b> |
| <b>By type</b>  |                   |                                    |
| Wage and salary employment                                | 775               | 46.80                              |
| Proprietors employment                                    | 881               | 53.20                              |
| Farm proprietors employment                               | 290               | 17.51                              |
| Nonfarm proprietors employment                            | 591               | 35.69                              |
| <b>By industry</b>  |                   |                                    |
| Farm employment   | 366               | 22.10                              |
| Nonfarm employment  | 1,290             | 77.90                              |
| Private nonfarm employment                                | 994               | 60.02                              |
| Forestry, fishing, and related activities                 | N/A               | N/A                                |
| Mining  | N/A               | N/A                                |
| Utilities   | N/A               | N/A                                |
| Construction  | 66                | 3.99                               |
| Manufacturing   | 55                | 3.32                               |
| Wholesale trade   | N/A               | N/A                                |
| Retail trade  | N/A               | N/A                                |
| Transportation and warehousing                            | 34                | 2.05                               |
| Information   | N/A               | N/A                                |
| Finance and insurance                                     | N/A               | N/A                                |
| Real estate and rental and leasing                        | N/A               | N/A                                |
| Professional, scientific, and technical services          | N/A               | N/A                                |
| Management of companies and enterprises                   | 0                 | 0.00                               |
| Administrative and waste management services              | N/A               | N/A                                |
| Educational services                                      | N/A               | N/A                                |
| Health care and social assistance                         | N/A               | N/A                                |
| Arts, entertainment, and recreation                       | 35                | 2.11                               |
| Accommodation and food services                           | 51                | 3.08                               |
| Other services, except public administration              | N/A               | N/A                                |
| Government and government enterprises                     | 296               | 17.87                              |
| Federal, civilian   | 91                | 5.50                               |
| Military  | 9                 | 0.54                               |
| State and local   | 196               | 11.84                              |
| State government  | 22                | 1.33                               |
| Local government  | 174               | 10.51                              |
| <b>Total employment</b>                                   | <b>1,656</b>      | <b>100.00</b>                      |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

| <b>Table 5: New Mexico Employment by Industry 2014-2018</b> |                  |                  |                  |                  |                  |
|---|------------------|------------------|------------------|------------------|------------------|
| <b>Number of jobs by industry</b>                           | <b>2014</b>      | <b>2015</b>      | <b>2016</b>      | <b>2017</b>      | <b>2018</b>      |
| <b>By type</b>  |                  |                  |                  |                  |                  |
| 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          |
| <b>By industry</b>  |                  |                  |                  |                  |                  |
| 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          |
| <b>Total employment</b>                                     | <b>1,083,772</b> | <b>1,091,984</b> | <b>1,092,637</b> | <b>1,097,669</b> | <b>1,115,574</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

**Table 6: United States Employment by Industry 2014-2018**

| <b>Number of jobs by industry</b>                | <b>2014</b>        | <b>2015</b>        | <b>2016</b>        | <b>2017</b>        | <b>2018</b>        |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>By type</b>                                   |                    |                    |                    |                    |                    |
| 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         |
| <b>By industry</b>                               |                    |                    |                    |                    |                    |
| 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         |
| <b>Total employment</b>                          | <b>186,233,800</b> | <b>190,315,800</b> | <b>193,371,900</b> | <b>196,825,300</b> | <b>200,746,000</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N

| <b>Table 7: Catron, New Mexico and United States Percent of Employment by Industry 2018</b> |                      |                   |               |
|---|----------------------|-------------------|---------------|
|   | <b>United States</b> | <b>New Mexico</b> | <b>Catron</b> |
| <b>By type</b>  |                      |                   |               |
| Wage and salary employment  | 76.90                | 78.49             | 46.80         |
| Proprietors employment  | 23.10                | 21.51             | 53.20         |
| Farm proprietors employment   | 0.89                 | 1.90              | 17.51         |
| Nonfarm proprietors employment  | 22.21                | 19.61             | 35.69         |
| <b>By industry</b>  |                      |                   |               |
| Farm employment   | 1.30                 | 2.57              | 22.10         |
| Nonfarm employment  | 98.70                | 97.43             | 77.90         |
| Private nonfarm employment  | 86.48                | 78.99             | 60.02         |
| Forestry, fishing, and related activities   | 0.48                 | 0.55              | N/A           |
| Mining  | 0.67                 | 3.09              | N/A           |
| Utilities   | 0.29                 | 0.41              | N/A           |
| Construction  | 5.47                 | 5.77              | 3.99          |
| Manufacturing   | 6.73                 | 3.01              | 3.32          |
| Wholesale trade   | 3.20                 | 2.20              | N/A           |
| Retail trade  | 9.62                 | 10.01             | N/A           |
| Transportation and warehousing  | 4.66                 | 2.95              | 2.05          |
| Information   | 1.72                 | 1.37              | N/A           |
| Finance and insurance   | 5.18                 | 3.23              | N/A           |
| Real estate and rental and leasing  | 4.73                 | 3.75              | N/A           |
| Professional, scientific, and technical services  | 7.08                 | 7.32              | N/A           |
| Management of companies and enterprises   | 1.33                 | 0.58              | 0.00          |
| Administrative and waste management services  | 6.21                 | 5.16              | N/A           |
| 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              | 2.11          |
| Accommodation and food services   | 7.51                 | 8.53              | 3.08          |
| Other services, except public administration  | 5.61                 | 5.05              | N/A           |
| Government and government enterprises   | 12.23                | 18.44             | 17.87         |
| Federal, civilian   | 1.42                 | 2.59              | 5.50          |
| Military  | 0.96                 | 1.58              | 0.54          |
| State and local   | 9.85                 | 14.27             | 11.84         |
| State government  | 2.69                 | 5.12              | 1.33          |
| Local government  | 7.16                 | 9.15              | 10.51         |
| <b>Total employment</b>   | <b>100.00</b>        | <b>100.00</b>     | <b>100.00</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

| <b>Table 8: Catron Percent of Employment by Sectors 2014-2018</b> |               |               |               |               |               |
|---|---------------|---------------|---------------|---------------|---------------|
| <b>Description</b>  | <b>2014</b>   | <b>2015</b>   | <b>2016</b>   | <b>2017</b>   | <b>2018</b>   |
| <b>By type</b>  |               |               |               |               |               |
| Wage and salary employment  | 47.13         | 47.42         | 47.35         | 47.88         | 46.80         |
| Proprietors employment  | 52.87         | 52.58         | 52.65         | 52.12         | 53.20         |
| Farm proprietors employment                                       | 17.74         | 18.00         | 18.09         | 17.74         | 17.51         |
| Nonfarm proprietors employment                                    | 35.12         | 34.58         | 34.57         | 34.38         | 35.69         |
| <b>By industry</b>  |               |               |               |               |               |
| Farm employment   | 22.00         | 22.67         | 23.33         | 22.40         | 22.10         |
| Nonfarm employment  | 78.00         | 77.33         | 76.67         | 77.60         | 77.90         |
| Private nonfarm employment  | 58.10         | 58.29         | 58.27         | 59.20         | 60.02         |
| 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   | 0.68          | 0.55          | N/A           | N/A           | N/A           |
| Construction  | 5.11          | 4.36          | 4.07          | 3.93          | 3.99          |
| Manufacturing   | 3.20          | 3.19          | 3.15          | 3.27          | 3.32          |
| Wholesale trade   | N/A           | N/A           | N/A           | N/A           | N/A           |
| Retail trade  | N/A           | N/A           | N/A           | N/A           | N/A           |
| Transportation and warehousing                                    | N/A           | N/A           | 1.30          | 1.69          | 2.05          |
| Information   | N/A           | N/A           | N/A           | N/A           | N/A           |
| Finance and insurance   | N/A           | N/A           | N/A           | N/A           | N/A           |
| Real estate and rental and leasing                                | N/A           | N/A           | N/A           | N/A           | N/A           |
| Professional, scientific, and technical services                  | N/A           | N/A           | N/A           | N/A           | N/A           |
| Management of companies and enterprises                           | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          |
| Administrative and waste management services                      | N/A           | N/A           | N/A           | N/A           | N/A           |
| Educational services  | N/A           | N/A           | N/A           | N/A           | N/A           |
| Health care and social assistance                                 | N/A           | N/A           | N/A           | N/A           | N/A           |
| Arts, entertainment, and recreation                               | 1.97          | N/A           | N/A           | 2.06          | 2.11          |
| Accommodation and food services                                   | 3.33          | N/A           | N/A           | 2.97          | 3.08          |
| Other services, except public administration                      | N/A           | N/A           | N/A           | N/A           | N/A           |
| Government and government enterprises                             | 19.90         | 19.04         | 18.40         | 18.40         | 17.87         |
| Federal, civilian   | 6.10          | 6.08          | 5.99          | 5.81          | 5.50          |
| Military  | 0.55          | 0.55          | 0.56          | 0.54          | 0.54          |
| State and local   | 13.25         | 12.41         | 11.85         | 12.05         | 11.84         |
| State government  | 3.20          | 2.70          | 1.67          | 1.39          | 1.33          |
| Local government  | 10.04         | 9.71          | 10.19         | 10.65         | 10.51         |
| <b>Total employment</b>   | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation

| <b>Table 9: New Mexico Percent of Employment by Industry 2014-2018</b> |               |               |               |               |               |
|--|---------------|---------------|---------------|---------------|---------------|
| <b>Description</b>   | <b>2014</b>   | <b>2015</b>   | <b>2016</b>   | <b>2017</b>   | <b>2018</b>   |
| <b>By type</b>   |               |               |               |               |               |
| 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         |
| <b>By industry</b>   |               |               |               |               |               |
| 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          |
| <b>Total employment</b>  | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculations



| <b>Table 10: United States Percent of Employment by Industry 2014-2018</b> |               |               |               |               |               |
|--|---------------|---------------|---------------|---------------|---------------|
| <b>Description</b>   | <b>2014</b>   | <b>2015</b>   | <b>2016</b>   | <b>2017</b>   | <b>2018</b>   |
| <b>By type</b>   |               |               |               |               |               |
| 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         |
| <b>By industry</b>   |               |               |               |               |               |
| 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          |
| <b>Total employment</b>  | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> | <b>100.00</b> |

Source: Bureau of Economic Analysis at [www.bea.gov](http://www.bea.gov), table CAEMP25N and author's calculation