



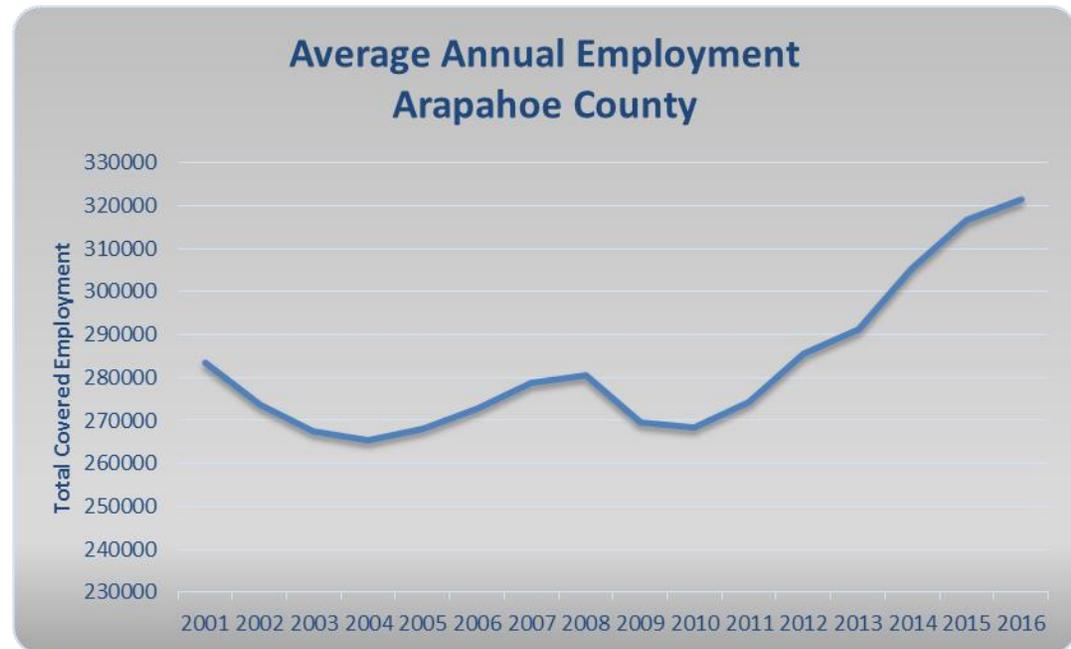
## Employment

Employment is measured in a number of ways and can reflect the number of jobs within a county or the number of employed persons living within the county. Data for both types are reported in this summary.

### Employment in Arapahoe County

The most detailed employment data is collected by the U.S. Bureau of Labor Statistics (BLS) through the Quarterly Census of Employment and Wages. This source estimates that the annual average employment within Arapahoe County in 2016 was 321,600 persons. The chart traces the changes in employment between 2001 and 2016.

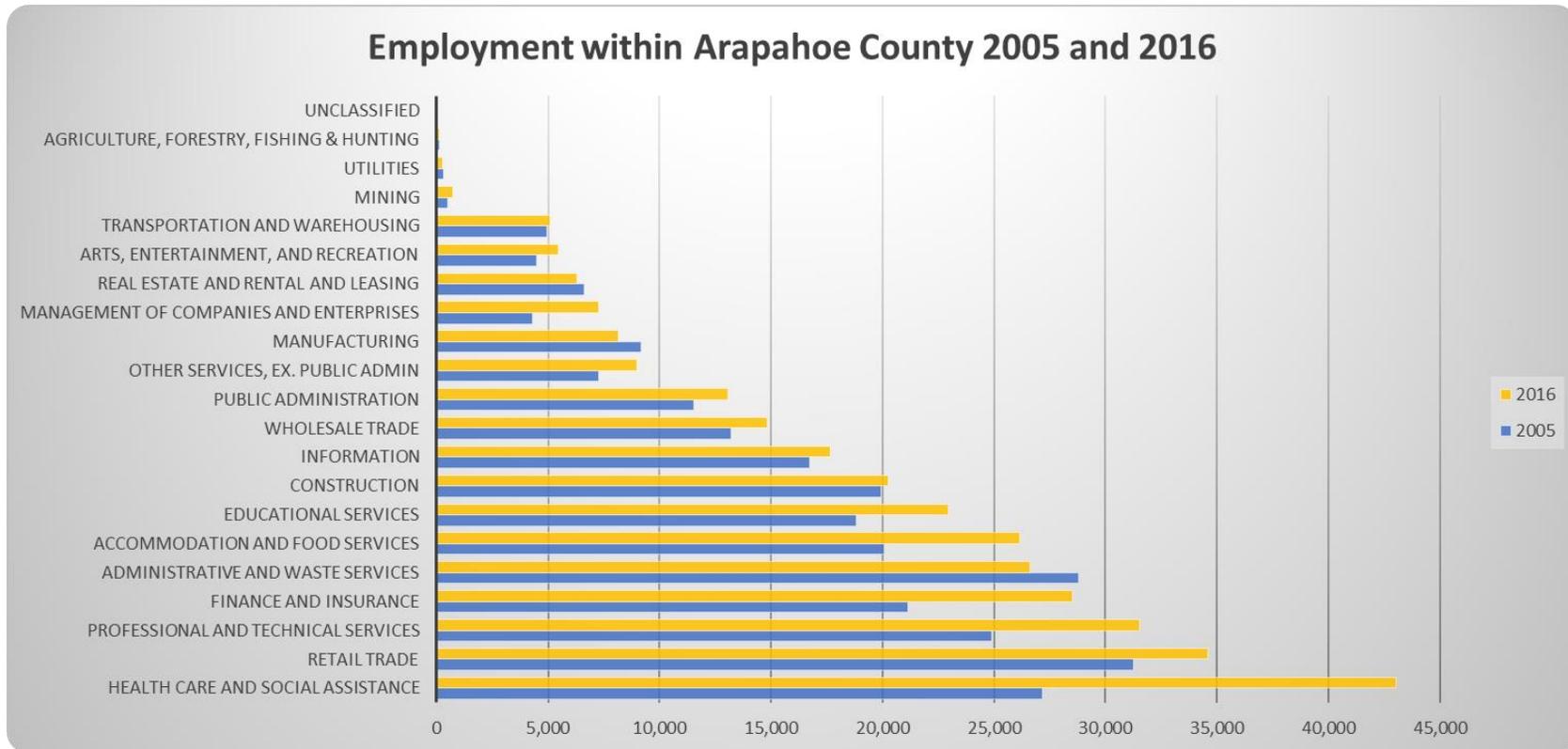
The county, like the country, has experienced major ups and downs in its economy in the last fifteen years. However, the county “weathered the storm” somewhat better than the nation. Employment in 2016 was well above the previous peak in 2008, just before the “great recession.” Even the dips in employment from the two recessions during the 2000s were not as deep as nationally. In fact, job totals during the “great recession” did not slip below the level seen in 2004.



The State of Colorado also provides employment estimates through the State Demography Office in the Department of Local Affairs (DOLA). Their 2016 estimate is 76,000 higher than BLS for that year, placing the county employment at 397,300. This difference includes self-employed persons, military personnel, agricultural workers and railroad employees. The overall pattern of employment change for DOLA estimates parallels the BLS trend.



## Industries



The chart provides the industry breakout for the persons who work in Arapahoe County. Since about 1/3 of these people both live and work in the County, the general pattern is similar to the industries of all those who live in the County. The 2005 data was prior to the Great Recession. Five industries within the County have not grown since 2005, with the largest gaps in Administration and waste services (-2,200); Manufacturing (-1,000); and Real estate and rental and leasing (-300). The greatest growth has occurred in Health care and social assistance services (15,800) and Finance and insurance (7,400).



## Arapahoe County Colorado Demographics

Another important aspect of employment is the comparison of persons working within the County and employment of those who live in the County. The latest data is for 2015 when 102,900 of the 286,300 employed persons living in the county also worked in the county. Meanwhile another 195,900 persons commuted to jobs within the county.<sup>1</sup> Between 2005 and 2015, the percent of residents who lived and worked in Arapahoe County declined from 36.8 percent to 34.4 percent.

Inflow/Outflow Job Counts in 2015



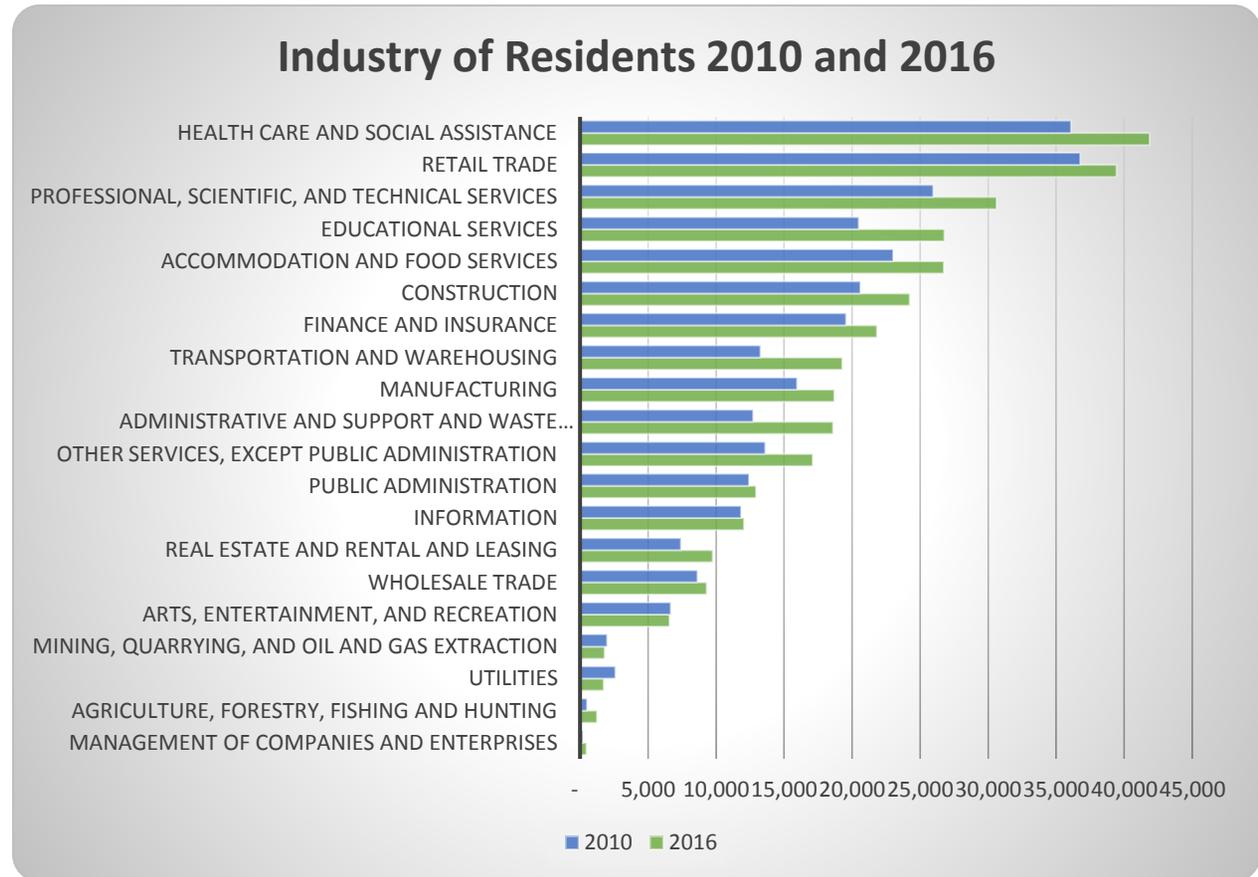
<sup>1</sup> These numbers are based on “primary jobs”, that is, they do not include any information for the second job for those persons who worked at more than one establishment. Less than 10 percent of county residents held more than one job in 2014. The numbers also exclude self-employed persons.



### Employment by Place of Residence

The American Community Survey provides more details about the employed persons who live in Arapahoe County. In 2005 and 2016, the civilian employed population 16 years and older who lived in Arapahoe County worked in the industries in the chart.

Most sectors have added employed persons between 2005 and 2016, except for utilities (-800); mining (-200); and arts, entertainment, and recreation (-100).





## Arapahoe County Colorado Demographics

The employment by industry within Arapahoe County differs from that of those who live in the county. The table below compares the persons who live in the County with those who work in the County. Significantly more persons work in Administrative, Management and Finance sectors than live in the county (at least 6,800 workers each). The wholesale trade sector and the information sector also import a large number of employees from outside of the county. Meanwhile, many residents in the transportation, manufacturing, other services and retail trade sectors are commuting outside of the county to their jobs.

| County Total                             | 321,566 | 340,940 | 19,374 |
|--|---------|---------|--------|
| Health Care and Social Assistance        | 43,035  | 41,863  | -1172  |
| Retail Trade                             | 34,614  | 39,423  | 4809   |
| Professional and Technical Services      | 31,529  | 30,604  | -925   |
| Finance and Insurance                    | 28,516  | 21,817  | -6699  |
| Administrative and Waste Services        | 26,640  | 18,593  | -8047  |
| Accommodation and Food Services          | 26,161  | 26,738  | 577    |
| Educational Services                     | 22,930  | 26,791  | 3861   |
| Construction                             | 20,244  | 24,228  | 3984   |
| Information                              | 17,675  | 12,053  | -5622  |
| Wholesale Trade                          | 14,836  | 9,309   | -5527  |
| Public Administration                    | 13,051  | 12,928  | -123   |
| Other Services, Ex. Public Admin         | 8,959   | 17,086  | 8127   |
| Manufacturing                            | 8,148   | 18,686  | 10538  |
| Management of Companies and Enterprises  | 7,280   | 473     | -6807  |
| Real Estate and Rental and Leasing       | 6,312   | 9,743   | 3431   |
| Arts, Entertainment, and Recreation      | 5,470   | 6,561   | 1091   |
| Transportation and Warehousing           | 5,069   | 19,260  | 14191  |
| Mining                                   | 714     | 1,801   | 1087   |
| Utilities                                | 260     | 1,736   | 1476   |
| Agriculture, Forestry, Fishing & Hunting | 94      | 1,247   | 1153   |



### **Employment Status and Type of Employer**

Of those living in Arapahoe County, 68 percent of the population 16 and over were employed; 29 percent were not currently in the labor force in 2016. Reflecting the recession, the 2010 figures were 65 percent employed and 27 percent not in the labor force.

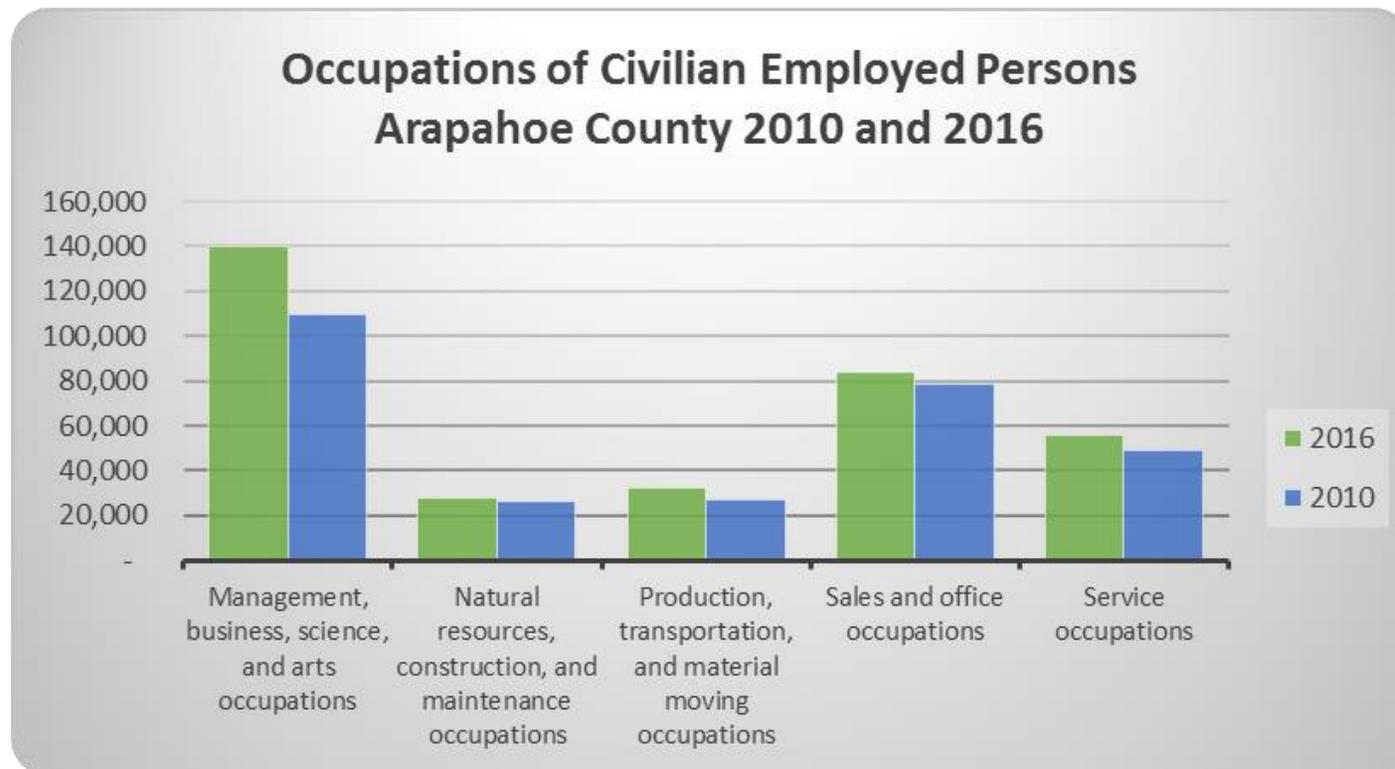
In 2016, 78 percent of the people employed are private wage and salary workers; 12 percent are federal, state, or local government workers; and 10 percent are self-employed in their own (not incorporated) business. Most of the growth since 2010 has been private wage and salary workers. The only decline was in the number of self-employed persons who were not incorporated or they were unpaid family workers, which dropped by about 600 persons.

| <b>Class of Worker</b>                              | <b>2010<br/>Number</b> | <b>2010<br/>Percent</b> | <b>2016<br/>Number</b> | <b>2016<br/>Percent</b> |
|---|------------------------|-------------------------|------------------------|-------------------------|
| Private company workers                             | 202,373                | 69.7                    | 245,477                | 72                      |
| Self-employed in incorporated business              | 13,937                 | 4.8                     | 16,024                 | 4.7                     |
| Private not-for-profit workers                      | 21,195                 | 7.3                     | 22,161                 | 6.5                     |
| Government workers                                  | 35,132                 | 12.1                    | 39,549                 | 11.6                    |
| Self-employed - not incorporated and family workers | 18,002                 | 6.2                     | 17,388                 | 5.1                     |



## Occupations

Occupations for the civilian employed population 16 years and over in Arapahoe County, in 2010 and 2016 are shown in the chart below. The Management, business, science and arts occupations had added about 30,000 residents while the other occupations declined by up to 7,300 persons.





## Commuting to Work

Seventy-nine percent of Arapahoe County residents drove to work alone in 2016, and 10 percent carpooled. Among those who commuted to work, it took them on average 27.7 minutes to get to work. Figures for 2010 are similar, except for the time of the commute, which has increased by 3 minutes.

Public transportation is more available in Arapahoe County than in most of the state. Only 2.9 percent of state workers take public transportation to work compared to 3.5 percent of Arapahoe County workers. The number of workers using public transportation remained the same between 2010 and 2016 at almost 12,000 persons..

The share of workers who worked at home increased by nearly 50 percent from 2005 to 2015. They now total nearly 22,000 workers.

