

Economic Factors

Related Industrial, Employment, and Labor Figures

The following table shows the distribution of employment by employer classification. These figures exclude railroad, domestic service, self-employed, agriculture, and unpaid family workers.

Business and Industry Composition Carroll County, Maryland 2017

<u>Classification</u>	<u>Number of Reporting Units</u>	<u>% of Total*</u>	<u>Annual Average Employment</u>	<u>% of Total*</u>
Natural Resources and Mining.....	49	1.1	483	0.8
Construction.....	824	18.1	6,019	10.3
Manufacturing.....	137	3.0	3,843	6.6
Trade, Transportation, and Utilities.....	864	19.0	12,193	20.8
Information.....	43	0.9	276	0.5
Financial Activities.....	349	7.7	1,614	2.8
Professional and Business Services.....	914	20.1	6,827	11.7
Education and Health Services.....	505	11.1	10,111	17.3
Leisure and Hospitality.....	336	7.4	6,898	11.8
Other Services.....	434	9.5	2,200	3.8
Local Government.....	62	1.4	6,547	11.2
State Government.....	10	0.2	1,231	2.1
Federal Government.....	20	0.4	320	0.5
Total.....	4,547	100.0%	58,562	100.0%

* Totals may not add due to rounding.

Source: Maryland Department of Labor, Licensing, and Regulation, Office of Workforce Information and Performance, "Workforce Information & Performance, 2017 Annual Average."

Listed below alphabetically are the 10 largest employers in Carroll County in 2018:

<u>Firm</u>	<u>Product/Service</u>
Carroll Community College	Higher education (Public)
Carroll County Board of Education*	Elementary and secondary education
Carroll County Commissioners**	Local government central office
Carroll Hospital Center	General hospital
Carroll Lutheran Village	Nursing care
English American Tailoring	Clothing
Evapco	Cooling equipment manufacturer
Integrace	Nursing care
McDaniel College	Higher education
Penguin Random House	Book warehousing and distribution

* Includes only contracted employees; does not include hourly employees such as substitutes, etc.

** Central offices under Commissioner Authority only, excludes Sheriff's Office, Courts, State's Attorney Office, and Soil Conservation.

Source: Carroll County Department of Economic Development

Unemployment

The following table sets forth Carroll County's average unemployment rates for the last five calendar years as compared to regional and national averages.

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Anne Arundel County.....	3.5%	3.6%	3.8%	4.4%	5.1%
Baltimore City.....	5.9	6.1	6.6	7.5	8.5
Baltimore County.....	4.2	4.3	4.7	5.3	6.1
Carroll County.....	3.2	3.5	3.7	4.2	4.8
Harford County.....	3.8	3.9	4.2	4.9	5.7
Howard County.....	3.2	3.1	3.3	3.8	4.3
Queen Anne's County.....	3.5	3.7	3.9	4.5	5.1
State of Maryland.....	3.9	4.1	4.4	5.1	5.8
United States.....	3.9	4.4	4.9	5.3	6.2

Sources: Maryland Department of Labor, Licensing, and Regulation, Office of Workforce Information and Performance, U.S. Dept. of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics.

Income

A comparison of the per capita personal income growth for Carroll County, the other jurisdictions in the Baltimore-Columbia-Towson Metropolitan Statistical Area (MSA), and the State of Maryland is shown in the table below:

	<u>2016</u>	<u>2017</u>	<u>% Increase</u>
Anne Arundel County.....	\$62,404	\$64,648	3.6%
Baltimore City.....	47,040	49,168	4.5
Baltimore County.....	56,273	59,130	5.1
Carroll County.....	57,687	60,512	4.9
Harford County.....	54,232	56,564	4.3
Howard County.....	71,869	74,938	4.3
Queen Anne's County.....	57,948	61,995	7.0
State of Maryland.....	58,052	60,847	4.8

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income: 2017.

A comparison of the growth in Carroll County and State of Maryland personal income is presented in the following table:

<u>Calendar Year</u>	<u>Personal Income</u>		<u>Percent Change From Previous Year</u>	
	<u>Carroll</u>	<u>State</u>	<u>Carroll</u>	<u>State</u>
2017.....	\$10,152,747	\$368,258,200	4.9%	5.4%
2016.....	9,671,608	349,266,576	2.6	3.6
2015.....	9,425,378	337,212,412	4.3	4.5
2014.....	8,928,631	322,608,872	4.0	3.3
2013.....	8,290,487	312,369,522	0.8	-0.6
2012.....	8,246,823	314,159,795	2.7	3.2
2011.....	7,893,434	304,387,669	4.8	5.4
2010.....	7,515,709	288,737,386	2.4	3.2

Source: U.S. Bureau of Economic Analysis, Local Area Personal Income: 2017, Interactive Tables, Regional Data.

Commuting Patterns

The 2010 Census survey determined the work commuting patterns for workers 16 years and older for the labor forces of each of Maryland's counties and the City of Baltimore. Comparative figures for workers commuting outside of the County of residence for the subdivisions in the Baltimore MSA are presented below:

Anne Arundel County.....	43.7%
Baltimore City.....	38.1
Baltimore County.....	47.3
Carroll County.....	55.1
Harford County.....	48.1
Howard County.....	62.0
Queen Anne's County.....	59.8

Source: U.S. Bureau of the Census 2010, American Community Survey, American Fact Finder.

Education

The number of high school students in Baltimore MSA area and the State of Maryland, as a whole, who graduated in 2018 as a percentage of their ninth grade enrollment, four grades earlier, are:

Anne Arundel County.....	88.5%
Baltimore City.....	70.7
Baltimore County.....	89.0
Carroll County.....	95.0
Harford County.....	88.9
Howard County.....	92.3
Queen Anne's County.....	95.0
State of Maryland.....	87.7

Source: Maryland Report Card 2018 Performance Report. 4-Year Adjusted Cohort. Maryland State Department of Education