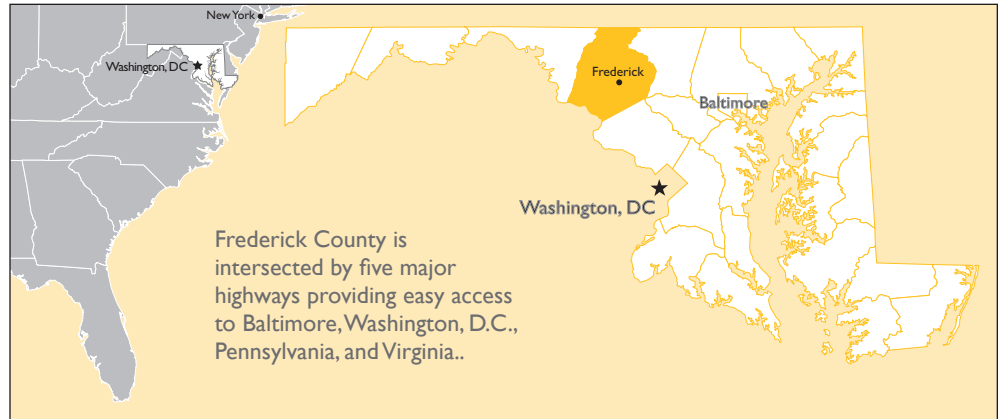


# Brief Economic Facts

## FREDERICK COUNTY, MARYLAND

Frederick County has received national recognition, being named #6 on the Top 10 Remote-Ready locations in the US by Livability and Top 10% of Healthiest Counties in the US by US News & World Report. The County is dynamic and diverse, with a \$12.4B economy that boasts a strategic location, comprehensive transportation network, educated workforce and moderate business costs. Frederick County's targeted core industry cluster growth creates resilience and diversity with Professional & Business Services and Education & Health Services as two of the many strong industries.



Frederick County's cool vibe creates a community like no other; the main streets are thriving and the entrepreneurs are creating unique businesses. The County is a top vibrant arts community and is the leader of the craft beverage cluster growth in Maryland. Major employers continue to grow including Fort Detrick with a \$7B economic impact to the State of Maryland, Frederick Health, Leidos Biomedical and Frederick National Lab.

Life Sciences is Frederick County's largest growing cluster with international leaders such as Thermo Fisher Scientific, AstraZeneca

and Lonza. Recent projects include Kite Pharma with a 279,000 SF biologics manufacturing facility, Ellume's first U.S. manufacturing facility at 180,000 SF and VaLogic's 75,400 SF expansion.

Frederick County is leading the state with the Quantum Loophole campus, a first-of-its-kind environmentally friendly data center campus. Kroger-Ocado robotics fulfillment center adds to the growing e-commerce cluster alongside Costco E-Commerce and Goodwill E-Commerce.

### LOCATION

Driving distance from Frederick:	Miles	Kilometers
Atlanta, Georgia	635	1,021
Baltimore, Maryland	46	75
Boston, Massachusetts	443	713
Chicago, Illinois	637	1,025
New York, New York	232	373
Philadelphia, Pennsylvania	143	229
Pittsburg, Pennsylvania	179	288
Richmond, Virginia	145	233
Washington, DC	44	71

### CLIMATE AND GEOGRAPHY<sup>1</sup>

Yearly Precipitation (inches)	43.6
Yearly Snowfall (inches)	26.3
Summer Temperature (°F)	74.4
Winter Temperature (°F)	33.6
Days Below Freezing	106.1
Land Area (square miles)	662.7
Water area (square miles)	4.6
Elevation (ft)	200 to 1,895

### POPULATION<sup>2,3</sup>

	Frederick County Households	Frederick County Population	Maryland part of Washington DC metro*	Maryland
2010	84,800	233,385	2,036,172	5,773,552
2020	92,526	271,717	2,226,589	6,055,802
2030**	113,425	295,120	2,324,580	6,254,500

\*Frederick, Montgomery and Prince George's counties

\*\*Projections

Selected places population (2010): Frederick 65,239; Ballenger Creek 18,274; Urbana 9,175; Linganore 8,543; Thurmont 6,170; Brunswick 5,870; Walkersville 5,800; Spring Ridge 5,795

### POPULATION DISTRIBUTION<sup>2,3</sup> (2019)

Age	Number	Percent
Under 5yrs	15,324	5.9
5 - 19 yrs	51,722	19.9
20 - 44 yrs	83,673	32.2
45 -64 yrs	69,534	26.8
65 and over	39,294	15.1
Total	259,547	100.0
Median Age		38.7 Years

# Brief Economic Facts FREDERICK COUNTY, MARYLAND

## LABOR AVAILABILITY<sup>3,4,5</sup> (BY PLACE OF RESIDENCE)

Civilian Labor Force (2019 avg.)	County	Labor Mkt. Area*
Total civilian labor force	135,761	776,886
Employment	131,453	753,110
Unemployment	4,308	23,776
Unemployment rate	3.17%	3.06%

Residents commuting outside the county to work (2015-2019)	Number	Percent
	55,637	42.0%

Employment in selected occupations (2015-2019)		
Management, business, science and arts	63587	47.4
Service	21732	16.2
Sales and office	27098	20.2
Production, transp. and material moving	10,464	7.8

\*Frederick, Montgomery and Washington counties.

## MAJOR EMPLOYERS<sup>6,7</sup> (2020-2021)

Employer	Product/Service	Employment
Fort Detrick*	Military Installation	10,200
Frederick Health	Medical services	3,300
Leidos Biomedical Research/ Frederick National Lab	Medical research	2,334
Frederick Comm. College	Higher education	1,286
Wells Fargo Home Mortg.	Mortgage services	1,175
Thermo Fisher Scientific	Biological products	950
Costco Wholesale	Distribution and retailing	751
AstraZeneca	Biopharmaceuticals	700
Mount St. Mary's University	Higher education	685
NVR, Inc.	Home building and Mortgage Banking	630
Legal & General America	HQ / Life insurance (HQ)	586
Stulz Air Technology Sys.	Air conditioning systems	520
Lonza	Biological products	464
Way Station	Healthcare services	409
Goodwill of Central and Northern Arizona	eCommerce, Retail, and Workforce Development	400
National Emergency Training Centers*++	Federal Government	400
Plamondon Companies	Hotels, restaurants mgmt.	390
Music & Arts	HQ / Music instruction	395

Excludes post offices, state and local governments, national retail and national foodservice; includes higher education

\*Employee counts for federal and military facilities exclude contractors to the extent possible; embedded contractors may be included

+Includes employees at Frederick National Lab

++Includes U.S. Fire Academy, FEMA and other tenants

## EMPLOYMENT<sup>4</sup> (2020)

Industry	Estab-lishments	Annual Avg. Empl.	Empl. %	Avg. Wkly. Wage
Federal Government	57	3,781	3.89	\$1,939
State Government	12	1,215	1.25	1,059
Local Government	89	10,102	10.39	1,188
Private Sector	6,436	82,114	84.47	1,072
Natural resources and mining	59	653	0.67	733
Construction	922	9,964	10.25	1,311
Manufacturing	193	5,219	5.37	1,227
Trade, Transportation, and utilities	1,120	17,720	18.23	858
Information	67	902	0.93	1,547
Financial activities	637	4,832	4.97	1,775
Professional and business services	1,466	15,034	15.47	1,454
Education and health services	792	14,631	15.05	957
Leisure and hospitality	607	9,417	9.69	417
Other Services	566	3,738	3.85	825
<b>Total</b>	<b>6,595</b>	<b>97,212</b>	<b>100.00</b>	<b>1,117</b>

Includes civilian employment only

## HOURLY WAGE RATES<sup>4</sup> (2020)

Selected Occupations	Median	Entry	Skilled
Accountants	\$34.14	\$19.81	\$43.17
Biochemist and biophysicists	\$37.47	\$33.27	\$39.11
Biological technicians	\$33.68	\$23.95	\$38.34
Bookkeeping/accounting clerks	\$21.45	\$14.95	\$24.80
Computer hardware engineers	\$38.46	\$34.36	\$52.71
Computer systems analysts	\$46.23	\$33.28	\$53.51
Computer user support specialists	\$21.34	\$14.77	\$25.85
Customer service representatives	\$19.46	\$13.38	\$24.96
Electrical engineers	\$51.25	\$34.64	\$64.87
Electronics engineering technicians	\$50.18	\$41.34	\$54.97
Freight, stock and material movers	\$13.70	\$11.68	\$17.00
Industrial truck operators	\$19.28	\$16.28	\$22.63
Information security analyst	\$43.76	\$27.51	\$58.32
Inspectors, testers, sorters	\$22.67	\$14.37	\$29.66
Machinists	\$25.21	\$14.77	\$29.41
Maintenance workers, machinery	\$25.26	\$21.63	\$28.99
Mechanical Engineers	\$44.04	\$32.72	\$51.85
Network support specialists	\$31.80	\$20.90	\$38.07
Packaging/filling machine operators	\$18.33	\$14.52	\$22.94
Packers and packagers hand	\$14.44	\$12.46	\$17.07
Secretaries	\$21.19	\$15.45	\$25.12
Shipping/receiving clerks	\$14.83	\$12.72	\$17.90
Stock clerks and order fillers	\$12.73	\$11.46	\$14.76
Team assemblers	\$17.73	\$13.61	\$21.45

Wages are an estimate of what workers might expect to receive in Frederick County and may vary by industry, employer and locality

# Brief Economic Facts FREDERICK COUNTY, MARYLAND

## SCHOOLS AND COLLEGES<sup>3,8</sup>

### Educational Attainment - age 25 & over (2015-2019)

High school graduate or higher	92.51%
Bachelor's degree or higher	41.40%

### Public Schools

38 elementary; 13 middle/comb.; 10 high; career/tech 1, charter 3

Enrollment: 43,221

Cost per pupil: \$12,556

Students per teacher: 16

High school career / tech enrollment: 5,717

High school graduates: 2,966

Nonpublic Schools Number: 54

### Higher Education (2019)

	Enrollment	Degrees
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#### 2-year institution

Frederick Community College	5,729	1,022
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#### 4-year institutions

Hood College	2,039	488
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Mount St. Mary's University	2,562	597
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Several major universities are within an easy commute of the county.

The Frederick Center for Research and Education in Science and Technology is a regional higher education center offering masters degrees in conjunction with the University of Maryland, College Park..

## TAX RATES<sup>9</sup>

	Frederick County	Maryland
<b>Corporate Income Tax (2020)</b>	none	8.25%

Base – federal taxable income

<b>Personal Income Tax (2021)</b>	2.96%	2.0-5.75%
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Base – federal adjusted gross income

\*Graduated rate peaking at 5.75% on taxable income over \$300,000

<b>Sales &amp; Use Tax (2021)</b>	none	6.0%
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Exempt – sales for resale; manufacturer's purchase of raw materials; manufacturing machinery and equipment; purchases of materials and equipment used in R&D and testing of finished products; purchases of computer programs for reproduction or incorporation into another computer program for resale

<b>Real Property Tax (FY 21)</b>	\$1.06	\$0.1120
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Effective rate per \$100 of assessed value

In an incorporated area, a municipal rate will also apply

<b>Business Personal Prop. Tax (FY 21)</b>	none	none
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Rate per \$100 of depreciated value

No county personal property tax on ordinary business property \$2.65/\$100 applicable to utility operating property only In an incorporated area, a municipal rate may apply; municipal exemptions may be available exemptions may be available

### Major Tax Credits Available

Enterprise Zone, Job Creation, More Jobs for Marylanders, R&D, New Jobs, Biotechnology and Cybersecurity Investment, A&E District

## INCOME<sup>3</sup> (2015-2019)

Distribution	Percent Households		
	Frederick Co.	Maryland	U.S.
Under \$25,000	9.40	13.10	19.20
\$25,000 - \$49,999	14.20	17.00	21.20
\$50,000 - \$74,999	14.70	15.30	17.20
\$75,000 - \$99,999	12.80	13.20	12.70
\$100,000 - \$149,999	22.30	19.00	15.10
\$150,000 - \$199,999	13.30	10.50	6.80
\$200,000 and over	13.20	12.70	7.70
Median household	\$97,730	\$84,805	\$62,843
Average household	\$116,796	\$111,417	\$88,607
Per Capita	\$43,582	\$42,122	\$34,103
Total income (millions)	\$10,957	\$245,697	\$10,699,831

## HOUSING<sup>3,10</sup>

Occupied Units (2015-2019) 92,526 (75.20% owner occupied)

### Housing Transactions

Units Sold	5,548
Median Selling Price	\$381,851

\*All multiple listed properties excludes auctions and FSBO

## BUSINESS AND INDUSTRIAL PROPERTY<sup>6</sup>

Frederick County offers upscale research and development, technology, office and advanced manufacturing campuses with in-place amenities. Over 30 industrial and office parks have available sites with easy access to a vast transportation network, and access to 1/3 of the state's population within an hour's drive.

Frederick County Office of Economic Development (OED) maintains a current inventory of available office, flex, industrial, retail and land opportunities for businesses looking to start, locate, expand, or share space. OED utilizes Costar, a database of available sites and analytical data to assist companies in determining the best location.

With 5 designated Opportunity Zones, 2 Enterprise Zones, and a business incubator; businesses are taking advantage of the resources and the strategic location Frederick County has to offer.

### Business Incubator

Frederick Innovative Technology Center, Inc. (FITCI), Frederick

Market Profile Data (2021)	Low	High	Average
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### Land – cost per acre

Industrial	\$76,887	\$719,665	\$376,763
Commercial	\$58,158	\$5,414,364	\$753,477

### Rental Rates – per square foot

Warehouse / Industrial	\$8.00	\$13.70	\$9.79
Flex / R&D / Technology	\$7.00	\$19.00	\$11.62
Class A Office	\$10.00	\$25.00	\$20.57

# Brief Economic Facts // FREDERICK COUNTY, MARYLAND

## TRANSPORTATION

**Highways:** I-70, I-270, U.S. 15, U.S. 40 and U.S. 340

**Mass Transit:** MARC (commuter rail) service to Washington, D.C. and Amtrak; public bus transportation throughout Frederick City and connecting to other municipalities

**Rail:** CSX Transportation and Maryland Midland Railway (short line service)

**Truck:** More than 70 local and long-distance trucking establishments are located in the county

**Water:** Served by the Port of Baltimore, 50' channel; a leading U.S. automobile and break-bulk port; seven public terminals including the state-of-the-art Intermodal Container Transfer Facility

**Air:** Served by Baltimore/Washington International Thurgood Marshall Airport (BWI) as well as Reagan Washington National and Washington Dulles International Airports; Frederick Municipal Airport offers jet and turboprop charter service and ILS, VOR and GPS approaches; 2 runways with longest at 5,819'

## RECREATION AND CULTURE

**Parks:** Cunningham Falls, Gambrill, Gathland, and Washington Monument State Parks, Monocacy National Battlefield, Sugarloaf Mountain, C&O Canal Towpath and Catoctin Mountain Park

**Recreation and Leisure:** Golfing, fishing, hiking, ice skating, canoeing, swimming, orchard and winery tours, historic walking and motorcoach tours, visual and performing arts, art galleries, a zoological park, and minor league baseball

**Historical and Cultural:** Schifferstadt Architectural Museum, Francis Scott Key Monument and Grave, National Museum of Civil War Medicine, Historical Society of Frederick County, Delaplaine Arts Center, Weinberg Center for the Arts, Seton Shrine Center, Grotto of Lourdes, Lily Pon Water Gardens, Brunswick Railroad Museum, covered bridges and antique and specialty shopping

**Arts & Entertainment District:** Downtown Frederick

**Events:** Frederick's In the Street Festival, Brunswick Railroad Days, Candlelight Tour of homes, museums and historic houses of worship, Beyond the Garden Gates Tour, Rose Hill Days, Frederick Festival of the Arts, Maryland Christmas Show, Catoctin Colorfest, the Great Frederick Fair, New Market Days, Commemoration of the Battle of Monocacy, Myersville Trolley Festival, Middletown Heritage Festival, Oktoberfest at Schifferstadt, Annual Craft Fair and more

## UTILITIES

**Electricity:** Potomac Edison and Thurmont Municipal Light Company; customers of investor-owned utilities and major cooperatives may choose their electric supplier

**Gas:** Washington Gas; Baltimore Gas and Electric serves Mount Airy; UGI Central Penn Gas serves Rocky Ridge and Emmitsburg; customers may choose their gas supplier

**Water and Sewer:** Municipal water and sewer systems in Brunswick, Emmitsburg, Frederick, Middletown, Mount Airy, Myersville and Thurmont; municipal water systems in Walkersville and Woodsboro; 18 county-operated water plants and 15 sewage plants serve a wide geographical area

**Telecommunications:** Predominant local carrier - Verizon Maryland; Comcast offers Xfinity and Comcast Business; Long distance carriers - AT&T, Sprint, Verizon and numerous additional carriers, resellers and providers of WATS, MTS, voice, paging systems, data, video networking, CATV, satellite communications systems and other wireless systems; ISDN digital switching and fiber optics widely available

## GOVERNMENT

**County Seat:** Frederick

**Government:** County executive and seven member county council elected for four-year terms; charter form of government allows for the separation of the executive from the legislative branch; lawmaking powers are vested in an elected legislative body

Jan H. Gardner, County Executive 301.600.1100

Jerry D. Donald, Pres., County Council 301.600.1135

**Website:** [www.frederickcountymd.gov](http://www.frederickcountymd.gov)

**Bond Rating:** AAA (S&P); Aaa (Moody's); AAA (Fitch)

**Frederick County Office of Economic Development**

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Sources:

1 National Oceanic and Atmospheric Administration (1981-2010 normals); Maryland Geological Survey

2 Maryland Department of Planning

3 U.S. Bureau of the Census

4 Maryland Department of Labor, Office of Workforce Information and Performance

5 U.S. Bureau of Labor Statistics

6 Frederick County Office of Economic Development

7 Maryland Department of Commerce

8 Maryland State Department of Education; Maryland Higher Education Commission

9 Maryland State Department of Assessments and Taxation; Comptroller of the Treasury

10 Maryland Association of Realtors

11 Maryland State Archives; Maryland Association of Counties