

# Brief Economic Facts

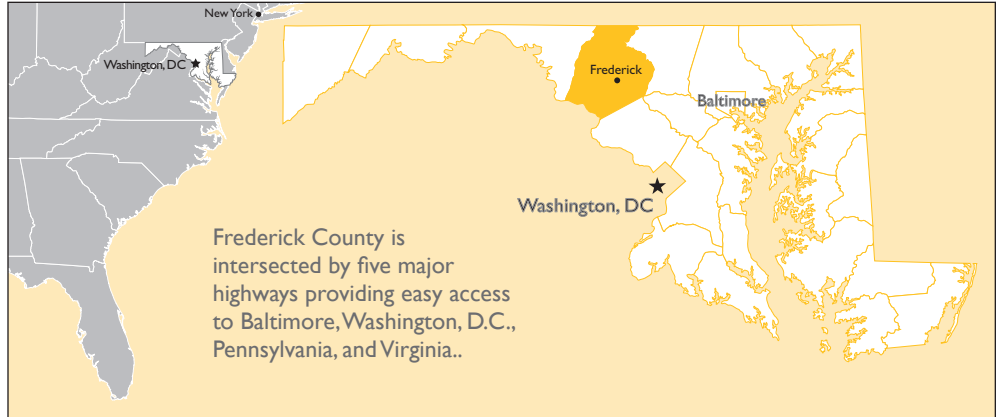
## FREDERICK COUNTY, MARYLAND

Frederick County is where creativity meets innovation, and where people discover bright new opportunities. Here, a single idea can transform into monumental success. With a dynamic and diverse business community, the County boasts a strategic location, comprehensive transportation network, educated workforce and moderate business costs.

Frederick County's community is like no other; the main streets are thriving, and 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, Frederick Health, Leidos Biomedical and Frederick National Lab.

Life Sciences is Frederick County's largest growing cluster with international leaders such as Kite a Gilead Company, Thermo Fisher Scientific, Lonza and AstraZeneca. Recent projects in other sectors include Rowan Digital Infrastructure's location at Quantum Loophole, a first-of-its-kind environmentally friendly data center campus and Inventwood's new 88,971 sf facility in Frederick.



### 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 (2020): Frederick 78,171; Ballenger Creek 24,999; Urbana 13,304; Linganore 12,351; Thurmont 6,213; Brunswick 7,762; Walkersville 5,800; Spring Ridge 6,005

### POPULATION DISTRIBUTION<sup>2,3</sup> (2023)

Age	Number	Percent
Under 5yrs	16,620	5.9%
5 - 19 yrs	56,028	20.0%
20 - 44 yrs	91,176	32.5%
45 -64 yrs	74,478	26.6%
65 and over	42,039	15.0%
Total	280,341	100.0%
Median Age		38.9 Years

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

Civilian Labor Force (2023 avg.)	County	Labor Mkt. Area*
Total civilian labor force	136,641	1,182,066
Employment	133,976	1,158,002
Unemployment	2,665	24,064
Unemployment rate	2.0%	2.0%

Residents commuting outside the county to work (2019-2023)	Number	Percent
	39,770	27.8%

Employment in selected occupations (2019-2023)		
Management, business, science and arts	76,306	51.4%
Service	21,216	14.3%
Sales and office	26,776	18.0%
Production, transp. and material moving	11,848	8.0%

\*Frederick, Montgomery and Prince George's counties

## MAJOR EMPLOYERS<sup>6,7</sup> (2023-2024)

Employer	Product/Service	Employment
Fort Detrick Campus*	Army, NCI, and other tenants	10,776
Frederick County Public Schools	Public Education	7,414
Frederick Health	Comprehensive Health Care	3,360
Frederick County Government	County Government	2,969
Leidos Biomed / Frederick National Lab	Medical Research	2,448
Frederick Community College	Two-Year College	1,445
City of Frederick Government	Municipal Government	923
Thermo Fisher Scientific	Life Sciences Research	782
Legal and General America	Life Insurance Headquarters	757
Mount Saint Mary's University	Four-Year University	732
AstraZeneca	BioTech Manufacturing	725
NVR, Inc.	Home Building and Mortgage Banking	712
Costco Wholesale	Wholesale Distribution Center and E-commerce Center	640
Aldi Distribution Center and Retail	Retail Supermarket and Distribution	596
STULZ Air Technology Systems, Inc.	Manufacturer, Commercial Air Conditioners and Dehumidifiers	529
Lonza	Biological Products	517
Kite Pharma	Life Sciences	488
YMCA of Frederick County	Recreation and Sports Center	469

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> (2023)

Industry	Estab-lishments	Annual Avg. Empl.	Empl. %	Avg. Wkly. Wage
Federal Government	79	4,726	4.5%	\$2,291
State Government	12	864	0.8%	1,210
Local Government	93	12,110	11.5%	1,280
Private Sector	7,060	88,004	83.3%	1,240
Natural resources and mining	67	616	0.6%	868
Construction	889	9,404	8.9%	1,474
Manufacturing	227	5,759	5.4%	1,385
Trade, Transportation, and utilities	1,164	19,075	18.0%	954
Information	148	1,044	1.0%	3,256
Financial activities	633	4,769	4.5%	2,420
Professional and business services	1,756	16,602	15.7%	1,646
Education and health services	891	14,965	14.2%	1,097
Leisure and hospitality	623	11,659	11.0%	502
Other Services	662	4,111	3.9%	975
<b>Total</b>	<b>7,244</b>	<b>105,703</b>	<b>100.0%</b>	<b>1,291</b>

Includes civilian employment only

## HOURLY WAGE RATES<sup>4</sup> (2023)

Selected Occupations	Median	Entry	Skilled
Accountants and Auditors	\$43.11	\$30.14	\$55.81
Assemblers and Fabricators	\$20.91	\$17.14	\$24.37
Biological Technicians	\$28.62	\$23.28	\$35.34
Bookkeeping Clerks	\$26.26	\$19.51	\$30.36
Computer Hardware Engineers	\$57.59	\$40.61	\$71.19
Network Support Specialists	\$43.25	\$29.98	\$61.12
Computer Systems Analysts	\$55.60	\$32.40	\$68.14
Computer User Support Specialists	\$29.32	\$21.75	\$36.18
Customer Service Representatives	\$18.82	\$15.76	\$24.57
Electrical Engineers	\$55.63	\$37.49	\$67.73
Electronics Engineers, not Computer	\$61.07	\$39.82	\$68.97
Industrial Truck Operators	\$22.06	\$20.03	\$26.68
Information Security Analysts	\$65.88	\$40.60	\$78.93
Inspectors, Testers, Sorters	\$29.67	\$19.99	\$34.74
Laborers and Freight, Hand	\$18.36	\$16.05	\$21.87
Machinists	\$25.79	\$18.45	\$30.22
Maintenance Workers, Machinery	\$29.87	\$24.56	\$35.09
Mechanical Engineers	\$45.59	\$32.73	\$56.39
Packaging Operators and Tenders	\$21.83	\$16.27	\$24.54
Packers and Packers, Hand	\$18.55	\$14.24	\$20.41
Secretaries and Admin Assistants	\$23.00	\$17.77	\$28.32
Shipping, Receiving Clerks	\$20.62	\$16.45	\$23.56
Stockers and Order Fillers	\$16.77	\$14.26	\$19.44

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

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

### Educational Attainment - age 25 & over (2019-2023)

High school graduate or higher	93.4%
Bachelor's degree or higher	44.9%

### Public Schools

38 elementary; 13 middle/comb.; 10 high; career/tech 1, charter 4

Enrollment: 47,681

Cost per pupil: \$15,849

Students per teacher: 16

High school career / tech enrollment: 7,760

High school graduates: 3,297

Nonpublic Schools Number: 60

### Higher Education (2023)

	Enrollment	Degrees
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#### 2-year institution

Frederick Community College	5,837	1,050
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#### 4-year institutions

Hood College	2,056	451
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Mount St. Mary's University	2,456	566
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Several major universities are within an easy commute of the county.

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

	Frederick County	Maryland
<b>Corporate Income Tax (2024)</b>	none	8.25%

Base – federal taxable income

<b>Personal Income Tax (2024)</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 (2024)</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 (2024)</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 (2024)</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> (2019-2023)

Distribution	Percent Households		
	Frederick Co.	Maryland	U.S.
Under \$25,000	7.1	11.3	15.0
\$25,000 - \$49,999	9.2	12.7	17.3
\$50,000 - \$74,999	12.0	13.2	15.7
\$75,000 - \$99,999	11.6	12.0	12.7
\$100,000 - \$149,999	21.4	19.3	17.4
\$150,000 - \$199,999	15.6	12.4	9.3
\$200,000 and over	23.1	19.2	12.6
Median household	\$120,458	\$101,652	\$78,538
Average household	\$144,655	\$133,800	\$110,491
Per Capita	\$53,316	\$51,689	\$43,289
Total income (millions)	\$14,727	\$313,026	\$14,085,709

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

Occupied Units (2019-2023) 104,217 (76.4% owner occupied)

### Housing Transactions (2023)

Units Sold 3,676

Median Selling Price \$456,229

\*All multiple listed properties excludes auctions and FSBO

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

Frederick County offers upscale biomanufacturing, research and development, technology, office and advanced manufacturing campuses with in-place amenities.

Frederick County Office of Economic Development (FCOED) maintains a current inventory of available office, flex, industrial, retail and land opportunities for businesses looking to start, locate, expand, or share space. FCOED 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 (2023)

	Low	High	Average
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#### Land – cost per acre

Industrial	\$140,000	\$750,000	\$365,000
Commercial	\$70,000	\$1,000,000	\$465,000

#### Rental Rates – per square foot

Warehouse / Industrial	\$6.00	\$22.50	\$10.50
Flex / R&D / Technology	\$7.00	\$35.00	\$11.50
Class A Office	\$10.00	\$35.00	\$21.00

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## 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

Jessica Fitzwater, County Executive 301.600.1100

Brad Young 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 American Community Survey

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