

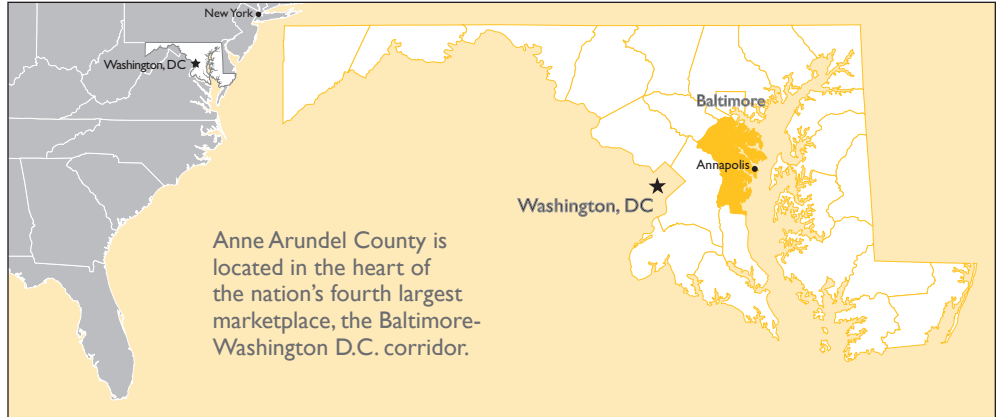
Brief Economic Facts

ANNE ARUNDEL COUNTY, MARYLAND

Anne Arundel County is located in the heart of the nation's fourth largest market, the Baltimore-Washington D.C. corridor. It is home to the state capital, Annapolis, and the U.S. Naval Academy, both major destinations for visitors. With over 500 miles of shoreline along the Chesapeake Bay and its tributaries, the county successfully combines natural beauty and rural charm with metropolitan sophistication.

The county's economy is supported by a diverse set of economic drivers such as BWI Marshall Airport, the defense industry, world class private sector employers, and telecommunications, retail, and distribution operations. Its rapidly expanding defense industry is fueled by the presence of multiple federal agencies located at Fort George G. Meade. Ft. Meade is the center for cyber operations in the nation with the presence of U.S. Cyber Command, NSA and DISA.

The county continues to expand its economic base. In 2016,



LOCATION

Driving distance from Annapolis:	Miles	Kilometers
Atlanta, Georgia	648	1,042
Baltimore, Maryland	25	41
Boston, Massachusetts	418	673
Chicago, Illinois	708	1,139
New York, New York	208	334
Philadelphia, Pennsylvania	119	191
Pittsburgh, Pennsylvania	244	393
Richmond, Virginia	129	208
Washington, DC	32	52

CLIMATE AND GEOGRAPHY¹

Yearly Precipitation (inches)	44.6
Yearly Snowfall (inches)	14.1
Summer Temperature (°F)	76.6
Winter Temperature (°F)	37.3
Days Below Freezing	71.4
Land Area (square miles)	418.4
Water Area (square miles)	71.4
Shoreline (miles)	508
Elevation (feet)	sea level to 300

South Moon Under located its corporate headquarters in Annapolis and Maryland Live! Casino broke ground on a 310-room hotel at Arundel Mills Mall in Hanover.

Anne Arundel County's 14,700 businesses employ an estimated 214,000 workers; over 340 of these businesses have 100 or more workers. Key private sector employers include Booz Allen Hamilton, CSC, Johns Hopkins HealthCare, Northrop Grumman, Rockwell Collins, Southwest Airlines and KeyW.

POPULATION^{2,3}

	Anne Arundel County Households	Anne Arundel County Population	Baltimore Metro*	Maryland
2000	178,670	489,656	2,552,994	5,296,486
2010	199,378	537,656	2,710,489	5,773,552
2020**	220,500	580,000	2,881,500	6,224,550

*Baltimore City, Anne Arundel, Baltimore, Carroll, Harford, Howard and Queen Anne's counties

**Projections

Selected places population (2010): Glen Burnie 67,639; Severn 44,231; Annapolis 38,394; Severna Park 37,634; Odenton 37,132; Crofton 27,348

POPULATION DISTRIBUTION^{2,3} (2015)

Age	Number	Percent
Under 5	35,492	6.3
5 - 19	104,089	18.6
20 - 44	191,605	33.9
45 - 64	155,531	27.7
65 and over	77,478	13.4
Total	564,195	100.0
Median age		38.1 years

Brief Economic Facts ANNE ARUNDEL COUNTY, MARYLAND

LABOR AVAILABILITY^{3,4,5} (BY PLACE OF RESIDENCE)

Civilian Labor Force (2015 avg.)	County	Labor Mkt. Area*
Total civilian labor force	300,068	1,706,268
Employment	286,525	1,612,851
Unemployment	13,543	93,417
Unemployment rate	4.5%	5.5%

Residents commuting outside the county to work (2011-2015)	Number	Percent
	121,032	41.7%

Employment in selected occupations (2011-2015)

Occupation	Number	Percent
Management, business, science and arts	130,573	46.0%
Service	43,162	15.2%
Sales and office	67,825	23.9%
Production, transp. and material moving	20,407	7.2%

* Anne Arundel, Baltimore, Howard and Prince George's counties and Baltimore City

MAJOR EMPLOYERS^{6,7} (2016)

Employer	Product/Service	Employment
Ft. George G. Meade*	Military installation	54,000
Northrop Grumman	Electronic surveillance products	8,465
Anne Arundel Health System	Medical services	4,000
University of Maryland Baltimore Washington Medical Center	Medical services	3,500
Maryland Live! Casino	Casino gaming	2,655
Southwest Airlines	Airline	2,530
U.S. Naval Academy / Naval Support Activity*	Higher education	2,340
Booz Allen Hamilton	Strategy management, technology services	2,100
Anne Arundel Community College	Higher education	1,940
Allegis Group	HQ / technology and administrative placement	1,500
CSC	IT services	1,230
Johns Hopkins Healthcare	Medical services	855
Rockwell Collins	Avionics telecomm systems	750
KeyW	IT services	700
Verizon	Telecommunications	560
AT&T Services	Telecommunications	350

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

EMPLOYMENT⁴ (2015, BY PLACE OF WORK)

Industry	Estab-lishments	Annual Avg. Empl.	Emp. %	Avg. Wkly. Wage
Federal government	102	13,047	5.0	\$1,667
State government	75	12,132	4.7	1,047
Local government	161	21,144	8.1	989
Private sector	14,714	214,112	82.2	1,045
Natural resources and mining	25	191	0.1	802
Construction	1,727	16,172	6.2	1,154
Manufacturing	324	11,369	4.4	2,046
Trade, transportation and utilities	3,132	55,348	21.3	874
Information	172	2,380	0.9	1,392
Financial activities	1,365	10,358	4.0	1,237
Professional and business services	3,382	42,792	16.4	1,523
Education and health services	1,520	31,136	12.0	956
Leisure and hospitality	1,463	34,554	13.3	420
Other services	1,602	9,812	3.8	791
Total	15,052	260,458	100.0	1,072

Includes civilian employment only

HOURLY WAGE RATES⁴ (2015)

Selected Occupations	Median	Entry	Experienced
Accountants	\$33.75	\$21.25	\$44.00
Bookkeeping/accounting clerks	21.25	15.00	25.00
Computer systems analysts	45.25	29.75	54.25
Customer service representatives	18.00	11.50	24.75
Electrical engineers	54.50	37.75	62.50
Electrical/electronic equipment assemblers	16.75	12.25	18.75
Electronics engineering technicians	34.50	26.00	39.25
Freight, stock and material movers, hand	13.50	10.00	17.00
Industrial truck operators	17.50	12.25	20.75
Inspectors, testers, sorters	17.75	12.00	22.50
Machinists	22.00	15.50	25.75
Network administrators	49.50	33.25	59.25
Packers and packagers, hand	11.25	8.75	14.00
Secretaries	18.50	12.75	21.75
Shipping/receiving clerks	17.25	11.75	20.75
Team assemblers	13.75	11.00	16.25

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

Brief Economic Facts // ANNE ARUNDEL COUNTY, MARYLAND

SCHOOLS AND COLLEGES^{3,8,13}

Educational Attainment - age 25 & over (2011-2015)

High school graduate or higher	91.6%
Bachelor's degree or higher	38.3%

Public Schools

Number: 80 elementary; 19 middle; 14 high; 2 charter
Enrollment: 81,379 (Sept. 2016)
Cost per pupil: \$12,987 (2014-2015)
Students per teacher: 14.6 (Oct. 2016)
High school career / tech enrollment: 6,875 (2016)
High school graduates: 5,232 (July 2015)

Nonpublic Schools Number: 130 (Sept. 2016)

Higher Education Enrollment ('16) Degrees ('15)

2-year institution

Anne Arundel Community College	13,904	1,852
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4-year institutions

St. John's College	486	126
United States Naval Academy	4,511*	1,081

Other universities offering programs in the county include Central Michigan and Strayer Universities.

Anne Arundel Community College@Arundel Mills - Regional higher education center offering coursework from Frostburg State University, Notre Dame of Maryland University, McDaniel College, Stevenson University, and the University of Maryland University College.

* data for 2014

TAX RATES⁹

	Anne Arundel Co.	Maryland
Corporate Income Tax (2017)	none	8.25%
Base – federal taxable income		
Personal Income Tax (2017)	2.50%	2.0%-5.75%*
Base – federal adjusted gross income		
*Graduated rate peaking at 5.75% on taxable income over \$300,000		
Sales & Use Tax (2017)	none	6.0%
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		
Real Property Tax (FY 17)	\$0.915	\$0.112
Effective rate per \$100 of assessed value		
In addition to this rate, there are some miscellaneous taxes and/or special taxing areas in the county; in an incorporated area, the county rate may vary and a municipal rate will also apply		
Business Personal Property Tax (FY 17)	\$2.287	none
Rate per \$100 of depreciated value		
Exempt – manufacturing and R&D machinery, equipment, materials and supplies; manufacturing, R&D and warehousing inventory		
In an incorporated area, the county rate may vary and a municipal rate will also apply; municipal exemptions may be available		

Major Tax Credits Available

Job Creation, R&D, Biotechnology and Cybersecurity Investment, Arts & Entertainment District

INCOME³ (2011-2015)

Distribution	Percent Households		
	Anne Arundel Co.	Maryland	U.S.
Under \$25,000	10.3	15.3	23.0
\$25,000 - \$49,999	14.6	17.9	23.5
\$50,000 - \$74,999	16.2	17.1	17.8
\$75,000 - \$99,999	14.7	13.4	12.1
\$100,000 - \$149,999	21.7	18.2	13.1
\$150,000 - \$199,999	11.2	9.0	5.1
\$200,000 and over	11.3	9.2	5.3
Median household	\$89,860	\$74,551	\$53,889
Average household	\$111,210	\$97,801	\$75,558
Per capita	\$41,706	\$36,897	\$28,930
Total income (millions)	\$22,613	\$211,875	\$8,834,710

HOUSING^{2,3,10}

Occupied Units (2011-2015) 203,336 (74.0% owner occupied)

Housing Transactions	Units	Median Selling Price
All arms-length transactions (2015)	8,263	\$329,900
All multiple-listed properties (2016)*	8,770	\$308,382

*Excludes auctions and FSBO

BUSINESS AND INDUSTRIAL PROPERTY^{6,11}

The commercial real estate market consists of approximately 65 business parks situated throughout the county with concentration in the BWI Business District and western Anne Arundel County.

Annapolis Corporate Park - 28-acre project in Annapolis directly off Harry S Truman Pkwy. near intersection with Riva Rd.; 5 buildings with approximately 227,190 sf of Class A office space.

BW Gateway - 26.5 acre property at 7565 Harmans Road in Hanover; 2 buildings with 290,000 sf of industrial space; projected delivery winter 2017.

Corporate Center at Arundel Preserve - 2 million sf office project at Route 295 and Arundel Mills Blvd. in Hanover; 11 buildings with the first 2 buildings complete and leasing. Major tenant is KeyW Corp.

Business Incubator
Chesapeake Innovation Center, Odenton

Market Profile Data (2016)	Low	High	Average
Land – cost per acre			
Industrial	\$200,000	\$500,000	\$325,000
Office	\$200,000	\$600,000	\$350,000
Rental Rates – per square foot			
Warehouse / Industrial	\$4.25	\$8.75	\$5.75
Flex / R&D / Technology	\$7.00	\$13.00	\$9.50
Class A Office	\$22.00	\$37.00	\$26.00

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TRANSPORTATION

Highways: East/West – U.S. 50/301, Rt. 32, Rt. 100, I-195, I-695; North/South – I-97, Baltimore-Washington Pkwy. (Rt. 295), Rt. 2; easy access to I-95 and major consumer markets

Mass Transit: Light rail connects BWI Marshall Airport with Baltimore City and northern Anne Arundel County; a light rail station serves the international pier at BWI; municipal bus service links Baltimore City and Annapolis; private bus operators in northern and western Anne Arundel County

Rail: CSX Transportation and Norfolk Southern provide freight carriage; Amtrak passenger service and MARC Commuter Rail link BWI Airport with Baltimore and Washington, D.C.

Truck: 131 local and long-distance trucking establishments

Water: Port of Baltimore, a leading U.S. automobile and break-bulk port; 1,734-acre Foreign-Trade Zone; served by two major railroads; immediate access to major interstate highways; seven public terminals including the state-of-the-art Intermodal Container Transfer Facility; one of only three ports on the East Coast able to accommodate super post-Panamax ships; 90+ cruise ship departures annually

Air: Baltimore/Washington International Thurgood Marshall Airport has over 680 U.S. and international flights daily; 395,000 sq. ft. Air Cargo Center; 214-acre Foreign-Trade Zone; longest runway is 10,500'; easy access to major highways; passenger rail service by MTA's light rail and Amtrak; hourly SuperShuttle service to Annapolis, Baltimore, Prince George's and Montgomery Counties, and Northern Virginia; 24-hour airport shuttle service

RECREATION AND CULTURE

Maryland Live! Casino at Arundel Mills: 330,000 sf slot, electronic game and table game facility featuring Bobby's Burger Palace, Cheesecake Factory, Phillips Seafood and The Prime Rib; live entertainment venue provided by Rams Head Center Stage; coming in early 2018 is a 310-room hotel on the property

Parks and Recreation: Two state parks, over 70 county parks, and several nature preserves provide many recreational pursuits; the county also manages 42 miles of bicycle and nature trails; boating and water activities include fishing, crabbing, skiing, sailing, and swimming

Golf: Numerous public and private golf courses are located throughout the county

Cultural and Historical: An active art community supports local symphonies, opera companies, theatre groups, and museums; historic buildings and landmarks abound

Arts & Entertainment District: Annapolis

Sports: U.S. Naval Academy athletic events, particularly football, basketball, and lacrosse, provide sports-watching opportunities

Events: Renaissance Festival, U.S. Sailboat and Powerboat Shows, 4th of July Fireworks at Annapolis City Dock, Maryland Seafood Festival, and New Year's Annapolis

UTILITIES

Electricity and Gas: Baltimore Gas and Electric is the principal supplier; customers of investor-owned utilities and major cooperatives may choose their electric and supplier

Water and Sewer: Most heavily populated areas are serviced by public water and sewer

Telecommunications: Verizon Maryland offers Fiber to the Premises (FTTP), Fiber Optic Service (FiOS) and Business Ethernet; Comcast offers Ethernet network services, dedicated internet and private line services; Level 3 Communications offers VPN, Metro Ethernet, voice and video; XO Communications offers voice, data and IP services

GOVERNMENT¹²

County Seat: Annapolis

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

Steven R. Schuh, County Executive 410.222.1821

John J. Grasso, Chair, County Council 410.222.1401

Website: www.aacounty.org

County Bond Rating: AAA (S&P); Aa1 (Moody's); AA+ (Fitch)

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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, Licensing and Regulation, Office of Workforce Information and Performance
- 5 U.S. Bureau of Labor Statistics
- 6 Anne Arundel Economic Development Corporation
- 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 Chesapeake Real Estate Group
- 12 Maryland State Archives; Maryland Association of Counties
- 13 National Center for Education Statistics