# MEDA

Maryland Economic Development Association

Economic Development

Transforms lives.



## Maryland's Economy, Key Industries and Strategic Advantages

May 24, 2023



- 1. Economy
- 2. Regions
- 3. Key Industries
- 4. Competitive Position



## Maryland's Economy

#### Maryland Economic Development Association

#### **Population**

- Geographic Area 9,844 square miles 42<sup>nd</sup>
- Population (2020) 6,177,224 18<sup>th</sup>
- Population (2022 est.) 6,164,660 19<sup>th</sup>
- Population Density (2020) 636.1/sq.mile 5<sup>th</sup>
- Median Age (2021) 39.4 years 21<sup>st</sup> oldest
- Population Growth (2010>2020) 7.0% 22<sup>nd</sup>
- Domestic Migration (2021) (45,101) 45<sup>th</sup>
- Baltimore-Washington Corridor (9 counties) 83.3% of the State's population (2020).

Sources: Maryland Geological Survey; U.S. Census Bureau – American Community Survey.





- Median Household Income (2021) \$90,203 1st
  - 29% above national median
- Median Household Income for counties (2020)

Howard \$133,267

o Calvert \$122,266 11<sup>th</sup>

Montgomery \$112,854 23<sup>rd</sup>

- Personal Per Capita Income (2021) \$69,266 8<sup>th</sup>
- Poverty Rate (2021) 10.3% 9<sup>th</sup> lowest (tied)
- Millionaire households (2020) 9.72% 2<sup>nd</sup>

Sources: Census Bureau – American Community Survey; Bureau of Economic Analysis; Phoenix Marketing Intl.



## GDP / Federal Presence

•	Gross Domestic Produ	ICt (GDP) (2022:Q4 preliminary)	
	<ul><li>Total</li></ul>	\$481.3 billion	17 <sup>th</sup>
	<ul><li>Per Capita</li></ul>	\$78,069	17 <sup>th</sup>
•	Federal Contracts (FFY2	022)	
	<ul><li>Total</li></ul>	\$42.1 billion	4 <sup>th</sup>
	<ul><li>Per Capita</li></ul>	\$6,821	2 <sup>nd</sup>
•	Defense Department	Contracts (FFY2022)	
	o Total	\$16.1 billion	7 <sup>th</sup>
	<ul><li>Per Capita</li></ul>	\$2,615	7 <sup>th</sup>
•	Federal Civilian Jobs (F	FY2021)	
	<ul><li>Total</li></ul>	152,531	4 <sup>th</sup>
	<ul><li>Per Capita</li></ul>	247 per 10,000 persons	2 <sup>nd</sup>
	<ul><li>Total Wages</li></ul>	\$17.6 billion	4 <sup>th</sup>
	<ul> <li>Average Salary</li> </ul>	\$115,324	$1^{st}$
	<ul><li>Total</li><li>Per Capita</li></ul>	152,531 247 per 10,000 persons	2 <sup>nd</sup>

Sources: Bureau of Economic Analysis; Bureau of Labor Statistics; Census Bureau; USAspending.gov.



## **Largest Industry Sectors**

•	Ву	GDP	(2022):
---	----	-----	---------

	<ul> <li>Government</li> </ul>	\$97.9 B	20.8%
	<ul> <li>Real Estate, Leasing</li> </ul>	\$66.8 B	14.4%
	<ul> <li>Professional, Scientific, Tech. Services</li> </ul>	\$48.8 B	10.4%
	<ul> <li>Health Care and Social Assistance</li> </ul>	\$35.6 B	7.6%
•	By Employment (2021):		
	<ul> <li>Government</li> </ul>	468,260	18.3%
	<ul> <li>Health Care and Social Assistance</li> </ul>	358,008	14.0%
	<ul> <li>Professional, Scientific, Tech. Services</li> </ul>	270,087	10.6%
	<ul> <li>Retail Trade</li> </ul>	265,989	10.4%

Sources: Bureau of Economic Analysis; Bureau of Labor Statistics.



### Research & Development

- Federal R&D Spending (FY2020/21) \$25.4 billion 1st
- R&D Intensity (R&D/GDP) (FY2020) 5<sup>th</sup>
- Total R&D Performance (FY2020) − 8<sup>th</sup>
- Federal Laboratories (2022) − 74 − 1<sup>st</sup>
- SBIR Awards (2022)
  - o Total \$180.3 million 8<sup>th</sup>
  - Per capita \$29.25

Sources: National Science Foundation; National Science Board; Federal Laboratory Consortium for Technology Transfer; Small Business Administration and Census Bureau.



#### Workforce / Education

- Professional & Technical Workers (2021) − 30.2% − 2<sup>nd</sup>
- Educational Attainment: Percent of Population 25+ (2021)
  - Bachelor's Degree

- $42.5\% 5^{th}$
- Graduate or Professional Degree
- $20.2\% 2^{\text{nd}}$
- Employment in STEM Occupations (2021) − 10.2% − 2<sup>nd</sup>
- Labor Force Participation (Feb. 2023) − 64.7% − 14<sup>th</sup>
- Unemployment Rate (Dec. 2022) − 3.0% − 16<sup>th</sup> highest
- Annual College Graduates (2020-21) 89,473 22<sup>nd</sup>

Sources: National Science Foundation; Census Bureau; Bureau of Labor Statistics; St. Louis Federal Reserve. National Center for Education Statistics.



#### **Energy Costs**

- Average Electric Price per kWh (2021)
  - o Industrial \$0.0846 19<sup>th</sup> highest
  - Commercial \$0.1026
     28<sup>th</sup> highest
- Average Natural Gas Price per 1,000 cubic feet (2021)
  - Industrial
     9.10
     9th highest
  - o Commercial \$11.97 8<sup>th</sup> highest

Source: U.S. Energy Information Administration.

#### **Taxes**



- Corporate Net Income Tax Rate (2023)
  - 8.25% 11<sup>th</sup> highest
- Tax Collections as Percent of Personal Income
  - State and local taxes 10.4% (2020) 11<sup>th</sup> highest
  - State taxes only
     6.2% (2021)
     34<sup>th</sup> highest
- State Business Tax Climate Index (2023)
  - 46<sup>th</sup> best / 5<sup>th</sup> worst

Sources: Tax Foundation; Federation of Tax Administrators.

## Unemployment / Worker's Comp.

- Unemployment Insurance Average Tax Rate on Total Wages (2021) – 0.65% – 35<sup>th</sup> lowest
- Worker's Compensation Average Employer Cost (Nov. 2022) – 0.81% – 16<sup>th</sup> lowest

Sources: American Payroll Association; National Academy of Social Insurance.



#### **Business Costs Index**

- Cost of Doing Business Index (2022-Q4)
  - Maryland 101.96 18<sup>th</sup> highest
- Cost of Doing Business Index (Dec. 2021)

0	Washington-Arlington-Alexandria DC-VA-MD-WV	110.37
0	Baltimore-Columbia-Towson MD	107.54
0	Silver Spring-Frederick-Rockville MD	102.91
0	California-Lexington Park MD	101.87
0	Hagerstown-Martinsburg MD-WV	91.38
0	Salisbury MD-DE	85.85
0	Cumberland MD-WV	84.16
0	Wilmington DE-MD-NJ	82.30

Source: Moody's Analytics.

*Notes:* State composite index = labor + energy + tax costs.

 $Metro\ composite\ index = labor + energy + tax + office\ rental\ costs.$ 

*U.S. Average* = 100



## **Living Costs Index**

•	Moody's Cost of Living Index (Dec. 2020)		
	0	Silver Spring-Frederick-Rockville	123.85
	0	Washington-Arlington-Alexandria DC-MD-VA-WV	118.60
	0	California-Lexington Park MD	107.94
	0	Wilmington DE-MD-NJ	106.21
	0	Baltimore-Columbia-Towson MD	106.09
	0	Salisbury MD-DE	103.10
	0	Hagerstown-Martinsburg MD-DE	94.59
	0	Cumberland MD-WV	85.72
•	C	2ER Cost of Living Index (2022)	
	0	Frederick-Gaithersburg-Rockville MD	139.8
	0	Baltimore-Columbia-Towson MD	108.3

Sources: Moody's Analytics, C2ER.

Note: U.S. average = 100



## **Economy: Rankings**

- WalletHub State Innovation Index (2023) 4<sup>th</sup>
- Milken Institute State Technology and Science Index (2022) – 4<sup>th</sup>
- ITIF − State New Economy Index (2022) − 4<sup>th</sup>
- Inc. Magazine 5000 Fast Growing Companies
   (2022) 131 5th as percent of all companies.
- CNBC Best States for Business (2022) 27<sup>th</sup>
- Forbes Best States for Business (2022) 39<sup>th</sup>



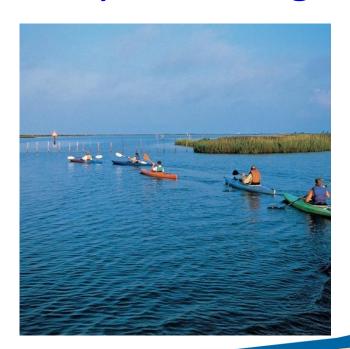






## Maryland's Regions









## Maryland's Regions



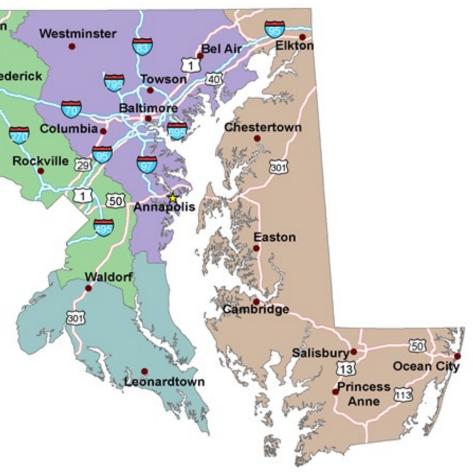


#### Western Maryland



Washington, Allegany, and Garrett.

Commerce Representative: Andrew Sargent





#### Western Maryland Assets:

Lower cost of doing business—especially energy rates.

Available land at lower prices than in core.

Energy: Hydropower, Coal, Wind

Transportation:
I-81, I-70, I-68,
CSX, Norfolk Southern

Higher Education:
Frostburg State University
Garrett, Allegany, Hagerstown
Community Colleges

Airports:
Garrett County
Cumberland
Hagerstown

**Tourism-Adventure Sports** 



## Western MD Key Industries

- Agriculture mixed crops/livestock, dairy
- Energy natural gas.
- Financial services

- Mining
- Manufacturing
- **Tourism**
- Warehouse/Distribution





















**AWC** 



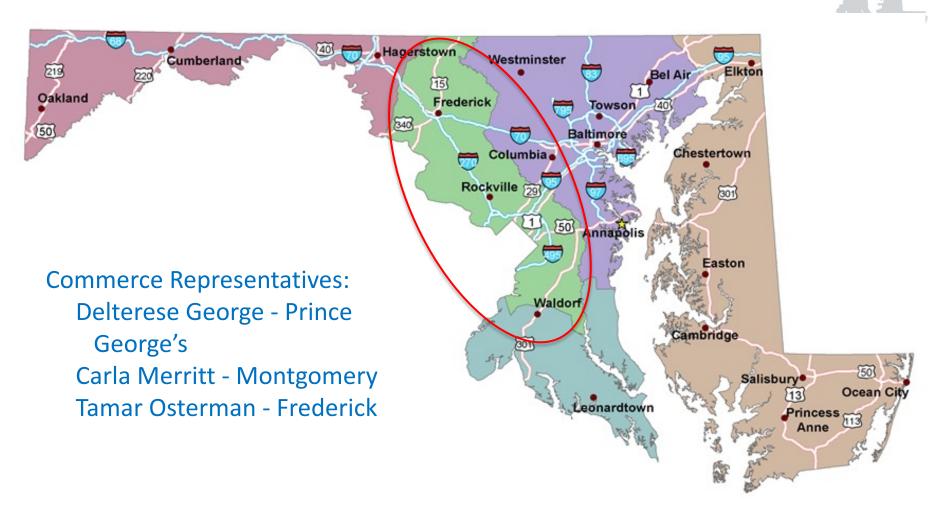














## **National Capital Region Assets**





Proximity to Washington, D.C. and Virginia

Federal Agencies and Military Installations

Cybersecurity/Defense

Transportation: I-495, I-95, I-270, I-70, MD 295, MD 200, US 301, US 50 Amtrak, MARC, Metro Rail

BWI Marshall, Reagan National, Dulles airports

Higher Education: 20 Colleges and Universities

BioHealth/Life Sciences



#### National Capital Key Industries

- Aerospace/Engineering
- Cybersecurity/IT
- Federal/Military
- Professional/Scientific







biosolutions™





- Hospitality/Tourism
- Life Sciences/Health Care
- R&D/Advanced
   Manufacturing































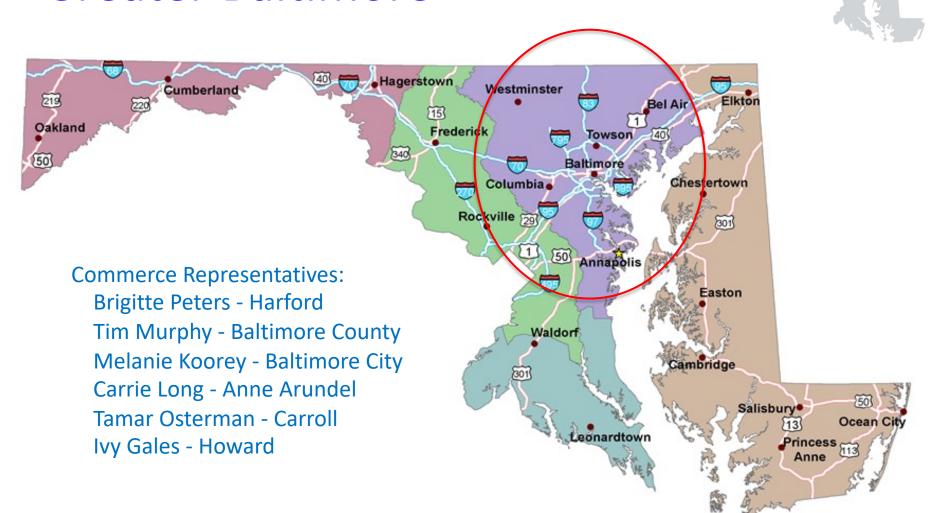








#### **Greater Baltimore**





#### **Greater Baltimore Assets**

- Diverse industries
- Baltimore/Washington Corridor location
- Urban/Suburban
- Federal/Military
- Cyber
- Entrepreneurial
- Port of Baltimore, BWI-Marshall Airport
- Access to Washington D.C. Wilmington, and Philadelphia
- Transportation: I-95, I-695, I-83, I-97A
   Amtrak, MARC, Baltimore Metro
   CSX, Norfolk Southern Railroads
- Higher Education: Numerous community colleges, public and private colleges and universities, professional and graduate schools



#### **Greater Baltimore Key Industries**

- Cybersecurity/IT/Defense
- Federal Government
- Financial Services
- Headquarters











- Hospitality/Tourism
- Health Care
- Life Sciences
- Distribution, e-commerce
- Manufacturing













Booz | Allen | Hamiiton



























COLUMBIA

















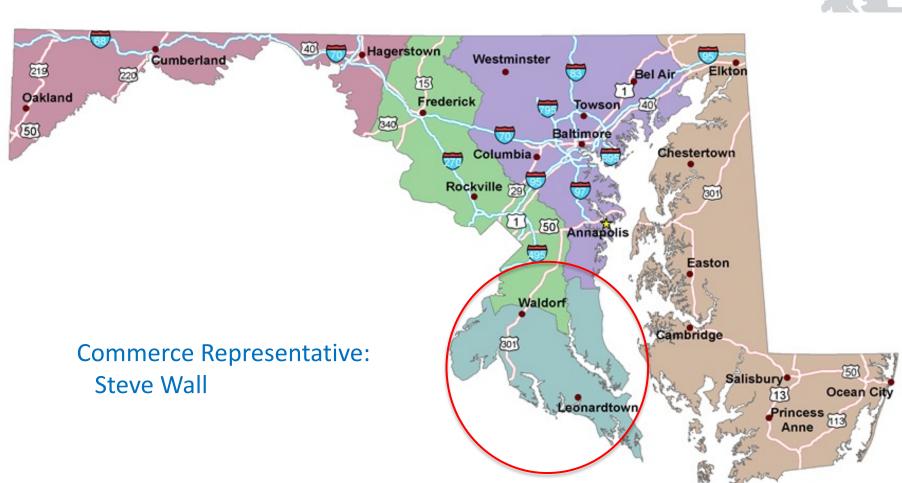


StanleyBlack&Decker





## Southern Maryland





### Southern Maryland Assets





- Proximity to Washington D.C.
- Transportation: US301, MD2/4, MD5, MD210
- Higher Education: St.
   Mary's College, College of
   Southern MD, University
   of MD/Southern MD
- Waterfront, Agritourism



#### Southern Maryland Key Industries

#### Key industries

- Defense/Aerospace
- Agriculture/Aquaculture
- Engineering
- Energy



**BAE SYSTEMS** 

- Manufacturing
- Tourism- Heritage
- **Uncrewed Aerial** Systems(UAS)/Uncrewed Aerial Vehicles (UAV)















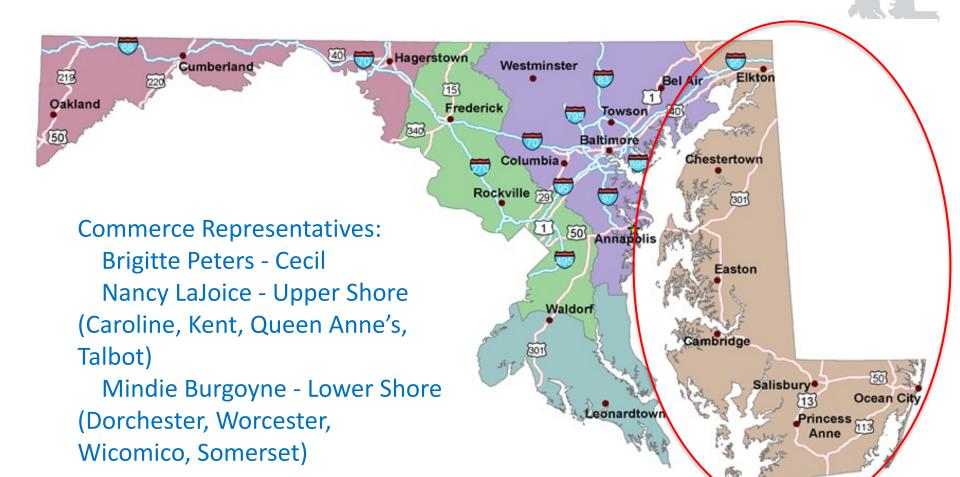








#### **Eastern Shore**









#### **Eastern Shore Key Industries**

- Aerospace
- Agriculture
- Energy









- Manufacturing
- Pharma/LifeSciences
- Tourism
- Uncrewed Aerial Vehicles (UAV)/ Uncrewed Aerial Systems (UAS).
- Distribution







































Peraton



SOUTHERN CONNECTION SEAFOOD

























# **Key Industries**



#### **Local Industries**

#### **Primarily serve local markets**

- Size, types and concentration relate to the market area
- Found throughout the country ("geographically dispersed")
- Contribute to local economic growth and vibrancy
- 2/3 of Maryland's employment



#### **Traded Industries**

Sell products or services across regions and countries

- Higher wage, higher productivity jobs
- Often clustered in specific areas of the country
- Greater economic impact upon local economy
- 1/3 of Maryland's employment





# **Local Industries: Examples**

- Retail
- Personal services
- Food & beverage
- Healthcare services
- Real estate

- Public administration
- Construction
- Accommodations
- Professional services



# Traded Industries: Maryland's Targeted & Growing Sectors

- Aerospace & Defense
- Agribusiness
- BioHealth & LifeSciences
- Cyber & IT
- Distribution & Logistics

- Energy & Sustainability
- Financial Services
- Manufacturing
- Military & Federal Agencies
- Tourism



# Aerospace & Defense

10,900 establishments • 162,000 jobs

### **Leading subsectors**

- Intelligence & communications
- Computer services
- Product & Parts manufacturing
- R&D
- Unmanned systems

#### **MD Commerce POC:**

Colter Menke, Program Manager









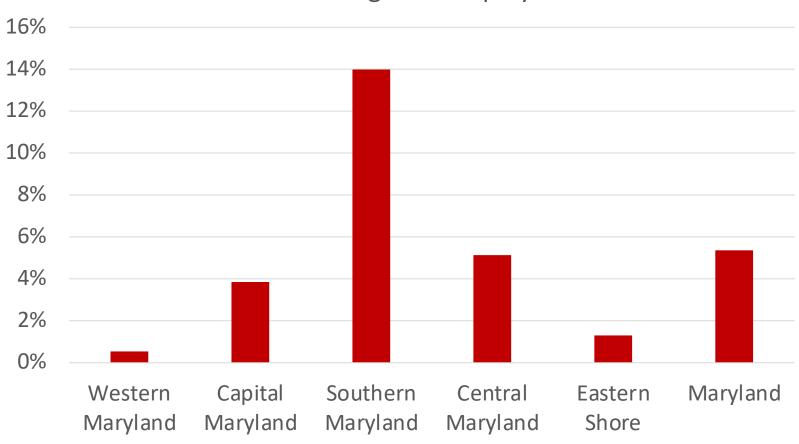


# Relevant Occupations (2020)

Title	Employment	Location Quotient	US Rank
Aerospace engineers	3,557	3.06	4
Atmospheric & space scientists	1,072	4.50	3
Computer and Information Research Scientists	2,395	3.70	1
Computer network support specialists	7,452	2.13	1
Computer systems analysts	14,156	1.40	3
Electrical engineers	5,652	1.56	4
Material engineers	859	2.12	6

# Aerospace & Defense





# Agribusiness

◆ Farm

12,400 farms • 15,100 jobs

#### **Leading subsectors**

- Poultry
- Greenhouse, nursery
- Corn, soy
- Cannabis
- Aquaculture

#### **MD Commerce POC:**

Patrick Wynn, Director, OSIE

#### Non-Farm ▶

• 35,600 jobs

#### **Functions**

- Food processing
- Distribution
- Crop production, fishing
- Breweries, wineries, distilleries

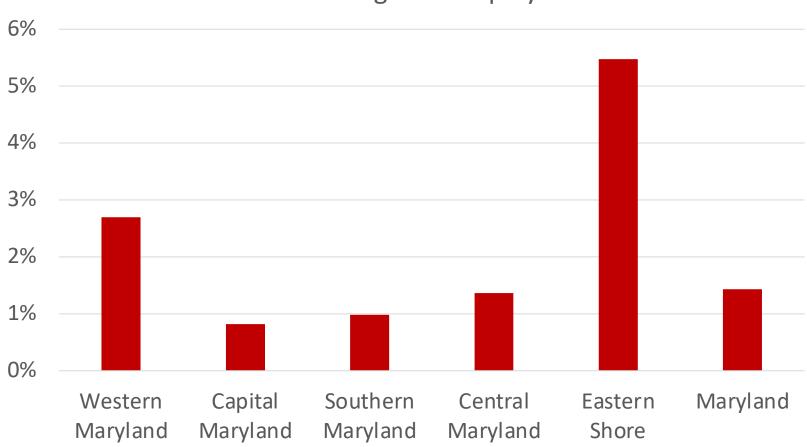






# Agribusiness





# BioHealth & Life Science

4,200 establishments • 52,300 jobs

## **Leading subsectors**

- R&D, testing & medical laboratories
- Pharmaceuticals
- Medical Devices

#### **MD Commerce POC:**

Ulyana Desiderio, Director







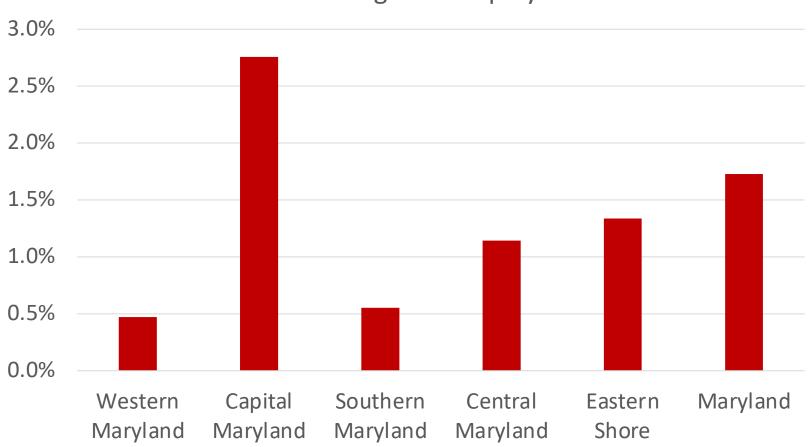


# Venture Capital Investment (2022):

COMPANY	Type	INVESTMENT
Delfi Diagnostics	Lung Cancer Diagnostics	\$225 million
Haystack Oncology	Blood Test Based Cancer Diagnostics	\$67 million
Vita Therapeutics	Cell Therapies for Neuromuscular Diseases and Cancers	\$31 million
CraniUS	Long-term Medicine Delivery Directly to the Brain	\$20 million

# **BioHealth & Life Sciences**

#### Percent of Regional Employment



# Cyber & IT

15,700 establishments • 131,600 jobs

#### **Leading subsectors**

- Computer systems design
- Telecommunications
- Computer & electronic products manufacturing

#### **MD Commerce POC:**

Kim Mentzell, Manager











# Headline:

# Cybersecurity startup Enveil raises \$25 million Series B round

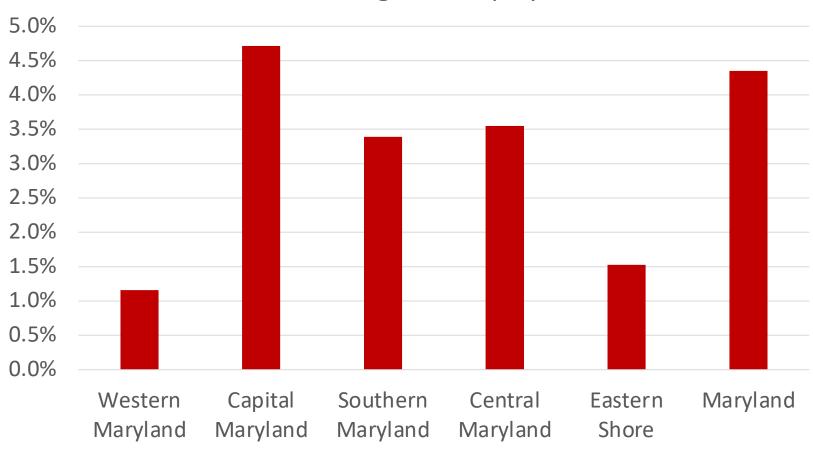
"Enveil was founded in summer 2016 to address a cybersecurity "blind spot," using technology initially spearheaded inside the National Security Agency. The company's tech is aimed at protecting and encrypting data while it is being used as well, as opposed to just sitting at rest on a server."

April 27, 2022

**Baltimore Business Journal** 

# Cyber & IT

#### Percent of Regional Employment



# Distribution & Logistics

13,300 establishments • 189,500 jobs

# **Leading subsectors**

- Wholesale trade
- Transportation & warehousing

#### **MD Commerce POC:**

Jayson Knott, Senior Director





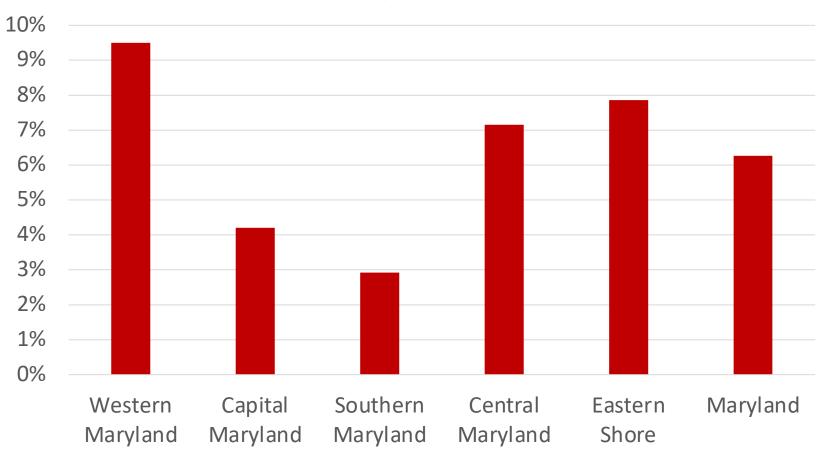




Maryland Food Center Authority

# Distribution & Logistics

Percent of Regional Employment



# Home Chef to bring 500 new jobs to Baltimore

March 1, 2023



- 150,000 square feet
- 10-year Lease

# **Energy & Sustainability**

1,7600 establishments • 36,100 jobs

#### **Leading subsectors**

- Waste management & remediation
- Power generation wind, solar, natural gas, nuclear
- Administration of environmental programs
- Power & communications line construction









#### **MD Commerce POC:**

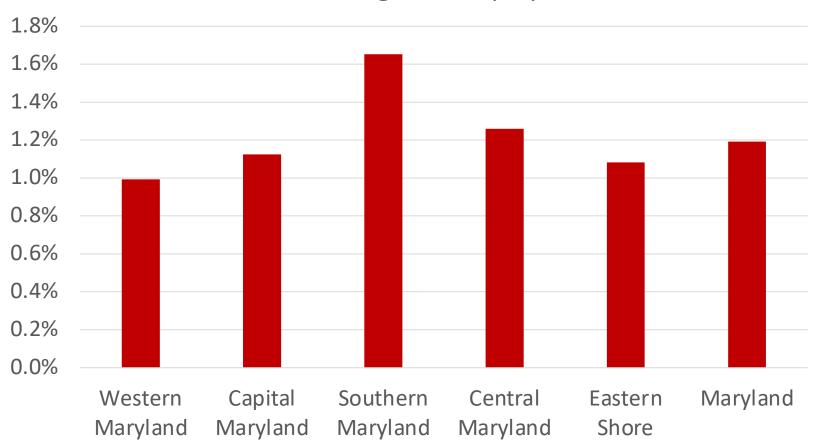
Patrick Wynn, Director, OSIE

# Major employers

COMPANY	EMPLOYMENT (est.)	DESCRIPTION
Exelon	5200	Energy services
WSSC	1580	Water & wastewater
WR Grace & Company	1100	Petroleum refining technologies
Tesla (SolarCity)	1000	Solar energy contractor
Johnson, Mirmiran & Thompson	600	Environmental planning & engineering
Rummel Klepper & Kahl	550	Water & wastewater services

# **Energy and Environmental**

#### Percent of Regional Employment



# **Financial Services**

9,200 establishments • 90,200 jobs

# **Leading subsectors**

- Credit intermediation
- Insurance carriers
- Securities, commodity contracts, other

#### **MD Commerce POC:**

Jayson Knott, Senior Director

# T.RowePrice®









# Not Just for Bankers

Total Occupations in Financial Services Industries in Maryland

1,744

Accountants & Auditors

3,070

Software Developers

8,663

Business
Operations
Specialists

# Headline:

# Facet Wealth just raised a \$100M Series C.

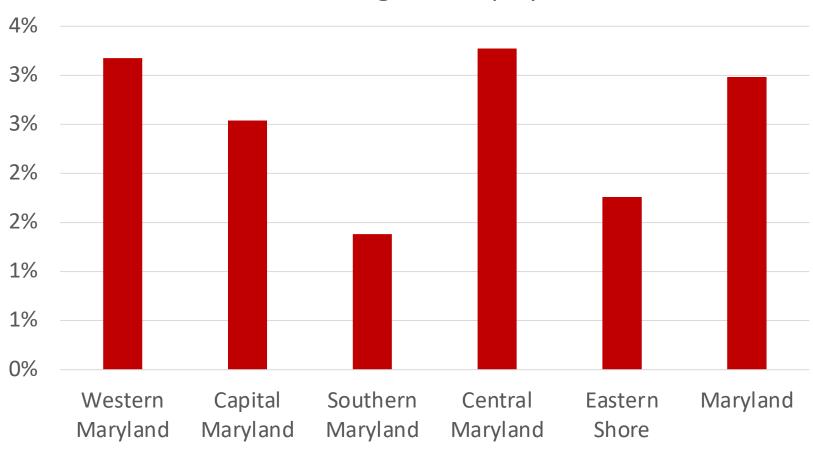
"The Baltimore fintech company's push for growth and funding has been rapid in the past two years as it filled a niche in bringing remote advice from a certified financial planner."

Jan 19, 2022

Technical.ly

# **Financial Services**

#### Percent of Regional Employment



# Manufacturing

**4,500** manufacturers • **115,500** jobs

# **Leading subsectors**

- Computer & Electronics
- Food
- Chemical
- Fabricated metal

#### **MD Commerce POC:**

Todd Sabin, Program Manager



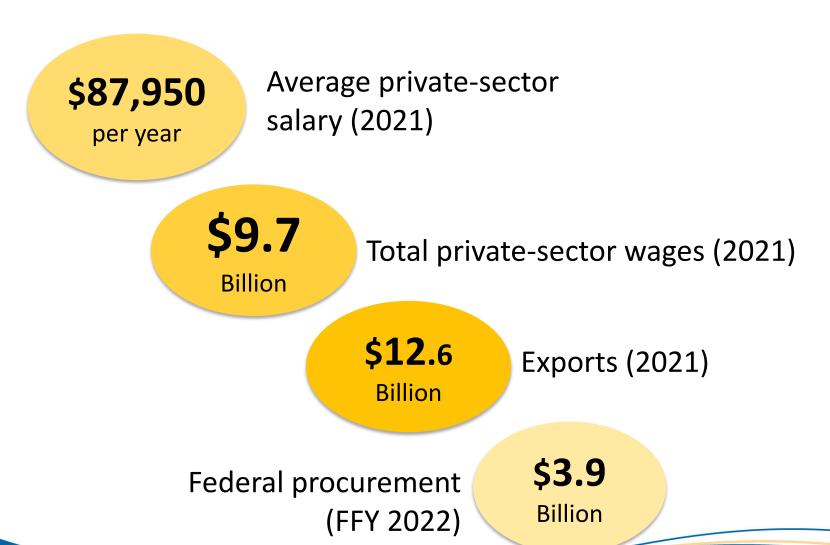






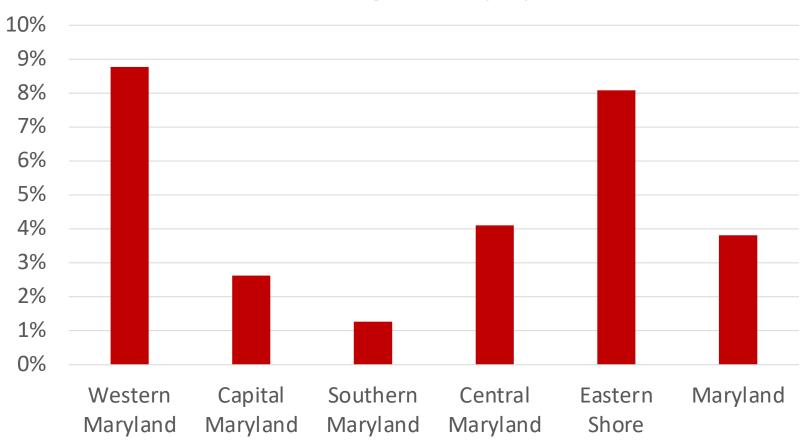


# **Manufacturing Facts**



# Manufacturing

#### Percent of Regional Employment



# Military & Federal Agencies

- 60 primary civilian agencies
- 20 military facilities
- 75 federal labs
- 197,318 jobs (Civilian and Military)

#### **Leading subsectors**

- Scientific R&D
- Healthcare
- Information

#### **MD Commerce POC:**

Lisa Swoboda, Senior Director







National Institutes of Health

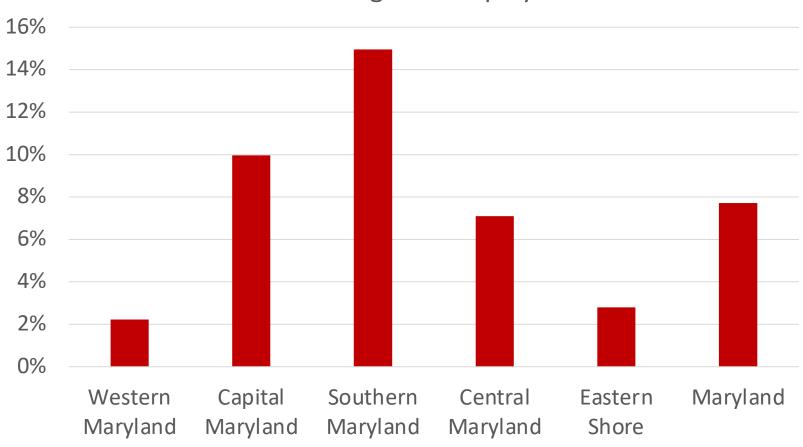






# Federal Government Employment





# **Tourism**

# 34,800 establishments • 595,900 jobs

• \$2.1 billion in Economic Impact (2021)

#### **Leading subsectors**

- Arts & Entertainment
- Amusement, Gambling
- Film
- The Arts
- Recreation

#### **MD Commerce POC:**

Liz Fitzsimmons, Exec. Director





\$17,256,729



Anne Arundel \$26,022,000



Baltimore City

\$12,084,004

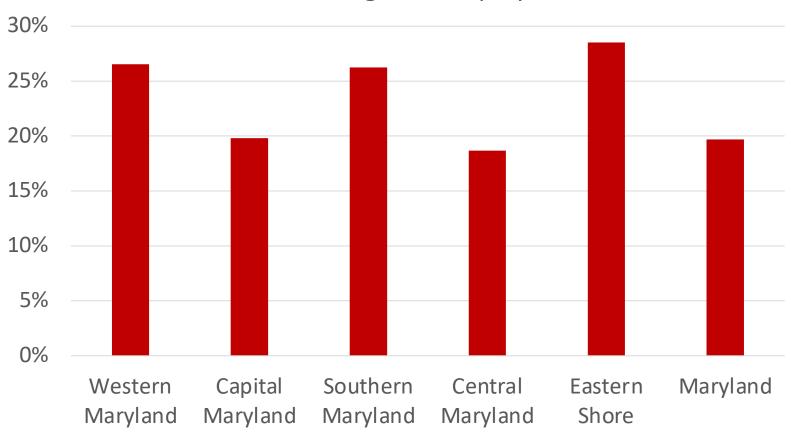
Baltimore County

ROOM TAXES (FY21) \$7,117,555

Garrett County

# **Tourism**







# Maryland's Competitive Position

# Location Factors for Site Selection Maryland Econ Site Selection

- Location / Proximity to markets.
- Availability of buildings / sites.
- Infrastructure transportation; utilities.
- Workforce availability; quality; cost.
- Operating Costs labor; real estate; energy; taxes.
- Business Climate resources and services supporting business; permits & regulations; community receptivity.
- Business Base companies/industries that are here.
- Quality of Life / Quality of Place.

# Location Factors: Most Important Maryland Economic evelopment Association

### Area Development Magazine – 37th Annual Corporate Survey

	2022		2021	
Site Selection Factor	Rank	Percent*	Rank	Percent*
Labor Costs	1	89.1	1	96.4
Quality of Life	2	87.1	11T	82.1
Availability of Skilled Labor	3	85.8	2	94.9
Energy Availability	4	82.3	3	94.7
<b>Construction Costs</b>	5	81.2	11T	82.1
ICT/Broadband	6	80.7	26	80.7
Corporate Tax Rate	7	79.7	7	87.7
<b>Energy Costs</b>	8	79.4	N/A	N/A
<b>Environmental Regulations</b>	9	79.0	9	82.5
Available Land	10	78.1	19	62.5

Source: Area Development Magazine; 37th Annual Corporate Survey; March 2023.

<sup>\*</sup> Percent of respondents answering "Important" or "Very Important."



### **Location Factors: Priorities**

Location Factor	Manufacturing	Distribution	Professional Services	Research & Development
Location / Proximity to Markets	✓	✓		
Available Buildings / Sites	✓	✓		✓
Highway Accessibility	<b>✓</b>	✓		
<b>Utilities / Energy Costs</b>	✓			
Skilled Labor	✓		✓	✓
Labor Costs	✓	✓	✓	✓
Business Base	✓			✓

# Maryland's Competitive Position: Strengths/Assets (1 of 2)



- ✓ Education Higher & Primary
- ✓ Workforce
- ✓ Location / Proximity to Markets
- ✓ Infrastructure Transportation, Utilities
- ✓ Technology Clusters / Critical Mass
- ✓ Research & Development Federal/University Labs
- Entrepreneurial Culture / Ecosystem

# Maryland's Competitive Position: Strengths/Assets (2 of 2)



- ✓ Federal & Military Facilities / Contractors
  - √ 12 major military installations
  - √ 60+ federal facilities
- ✓ Existing Buildings office, industrial, lab space
- ✓ Operating Costs (compared to major metros)
- ✓ Urban / Suburban / Rural
- ✓ Quality of Life Recreation, Culture, Healthcare, Cost of Living (compared to major metros)

# Maryland's Competitive Position: Weaknesses



- High Operating Costs (versus some competitors)
- Workforce: high cost; shortages
- High Cost of Living/Housing
- High Corporate Tax Rate
- High Personal Income Taxes (county piggyback tax)
- Local Personal Property Taxes (most counties)
- Not a Right-To-Work State (manufacturing)
- Limited Inventory of Undeveloped Sites





Is Maryland a "high cost" state?

Moody's Analytics – Cost of Doing Business Index	
States	Metros
<ul><li>Labor</li></ul>	■ Labor
<ul><li>Energy</li></ul>	<ul><li>Energy</li></ul>
■ Tax Burden	■ Tax Burden
	<ul><li>Office Rents</li></ul>

# Maryland's Competitive Position: Maryland Econ Moody's Cost of Doing Business Index (2022-Q4)

<ul> <li>Massachusetts</li> </ul>	117.70	2 <sup>nd</sup>
<ul> <li>New Jersey</li> </ul>	112.33	7 <sup>th</sup>
<ul> <li>Maryland</li> </ul>	101.96	18 <sup>th</sup>
<ul> <li>Virginia</li> </ul>	99.57	23 <sup>nd</sup>
<ul><li>New York</li></ul>	94.82	38 <sup>th</sup>
<ul> <li>North Carolina</li> </ul>	94.10	40 <sup>th</sup>
<ul> <li>Pennsylvania</li> </ul>	94.03	<b>41</b> <sup>st</sup>
<ul> <li>Delaware</li> </ul>	86.58	50 <sup>th</sup>

Source: Moody's Analytics. Cost of Doing Business Index, 4Q 2022. U.S. average = 100.

# Maryland's Competitive Position: Maryland Econ Development Ass Moody's Cost of Doing Business Index (2021-Q4)



#### Maryland metros

•	Baltimore-Columbia-Towson	107.54
•	Silver Spring-Frederick-Rockville	102.91
•	California-Lexington Park	101.87
•	Hagerstown-Martinsburg	91.38
•	Salisbury	85.85
•	Cumberland	84.16

#### Selected metros

•	New York City	153.70	Pittsburgh	95.74
•	Boston	134.25	Atlanta	93.01
•	Washington	110.37	Raleigh	92.10
•	Orlando	107.99	Richmond	90.13
•	Philadelphia	98.49	Wilmington DE	82.30

Source: Moody's Analytics. Cost of Doing Business Index, December 2021. U.S. average = 100.

# Maryland's Competitive Position: Moody's Cost of Living Index (Dec. 2020)



#### Maryland metros

•	Silver Spring-Frederick-Rockville	123.85
•	California-Lexington Park	107.94
•	Baltimore-Columbia-Towson	106.09
•	Salisbury	103.10
•	Hagerstown	94.59
	Cumberland	85.72

#### Selected metros

•	Boston	125.44	Atlanta	104.80
•	New York NY-NJ	121.10	Raleigh	103.05
•	Washington DC-MD-VA	118.60	Richmond	102.16
•	Orlando	109.27	Philadelphia	98.20
•	Wilmington DE-MD-NJ	106.21	Pittsburgh .	94.53

Source: Moody's Analytics. Metro Area Cost of Living Index, December 2020 update. U.S. average = 100.

# Maryland's Competitive Position: Cost of Living



- C2ER Cost of Living Index
  - Council for Community and Economic Research
  - Components
    - Grocery Items
    - Housing
    - Utilities
    - Transportation
    - Health Care
    - Miscellaneous Goods and Services

# Maryland's Competitive Position: C2ER Cost of Living Index (2021)



### Maryland metros

•	Washington	DC-VA-MD-WV	152.4
---	------------	-------------	-------

- Frederick-Gaithersburg-Rockville 139.8
- Baltimore-Columbia-Towson 108.3

#### Selected metros

•	NYC (Manhattan)	228.0	Pittsburgh	100.4
•	Boston	149.7	Atlanta	101.6
•	Arlington VA	140.8	Orlando	99.3
•	Wilmington DE	109.5	Richmond	96.8
•	Philadelphia	104.5	Raleigh	96.1

Source: C2ER Cost of Living Index, 2022 annual average. Notes: U.S. ava. = 100.

# Maryland's Competitive Position: Operating costs



- Primary categories of business operating costs:
  - Labor
  - Energy
  - Taxes
  - Real Estate
- Maryland is at or above the national average in most/all of these categories.
- The importance of costs in each category to the business depends on what industry they are in.
- Conclusion: Promoting Maryland based on costs can be a challenge.



## Selling Maryland



### Selling on Costs vs. Selling on Assets



#### What do we have?

- Unique, favorable assets valued by businesses.
- But not necessarily an obvious cost advantage.



### **Rural Areas**

### Costs, Assets & Challenges

 Rural areas compete favorably on costs <u>and</u> certain assets compared with Corridor counties.

Land availability	Lower land prices
Highway access for distribution	Less traffic congestion
Lower wage scales	Lower crime rate

May lack amenities that some companies want.

Major airports	Major universities
Technology clusters	Federal facilities



### **Assets**

- Maryland has tremendous assets that are valued by certain industries.
  - Mid-Atlantic, East Coast location
  - Transportation infrastructure
  - Highly educated, skilled workforce
  - Higher education system
  - Research & Development
  - Entrepreneurial culture

### **Costs**



- Typically higher versus many areas of the country.
  - Labor
  - Energy
  - Taxes
  - Real estate
- But still competitive against high-cost metros.
  - Boston
  - New York
  - Philadelphia
  - California (Los Angeles, San Francisco)



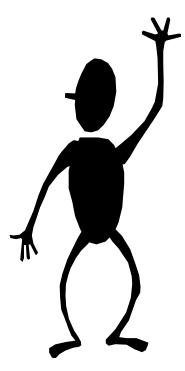
## **Takeaways & Conclusions**

- A simple cost comparison may not always favor Maryland versus other states.
- Rural areas of Maryland can compete more favorably on costs compared with counties in the Baltimore-Washington Corridor.
- The value proposition for Maryland often relies on promoting unique, meaningful assets.

### Q&A







**Answers !!!** 



### Thank You!

#### Tamar Osterman, CEcD

Senior Business Development Representative, Carroll & Frederick counties Maryland Department of Commerce, Division of Business & Industry Sector Development

tamar.osterman@maryland.gov (443) 902-4487 (m)

#### Larry Twele, CEcD

Chief Executive Officer
Howard County Economic Development Authority
Itwele@hceda.org
(410) 313-6500 (o)

#### Roger Venezia, CEcD

Director, Operations & Special Projects
Maryland Department of Commerce, Division of Business & Industry Sector
Development

roger.venezia@maryland.gov (410) 767-6394 (o) / (410) 292-2897 (m)