

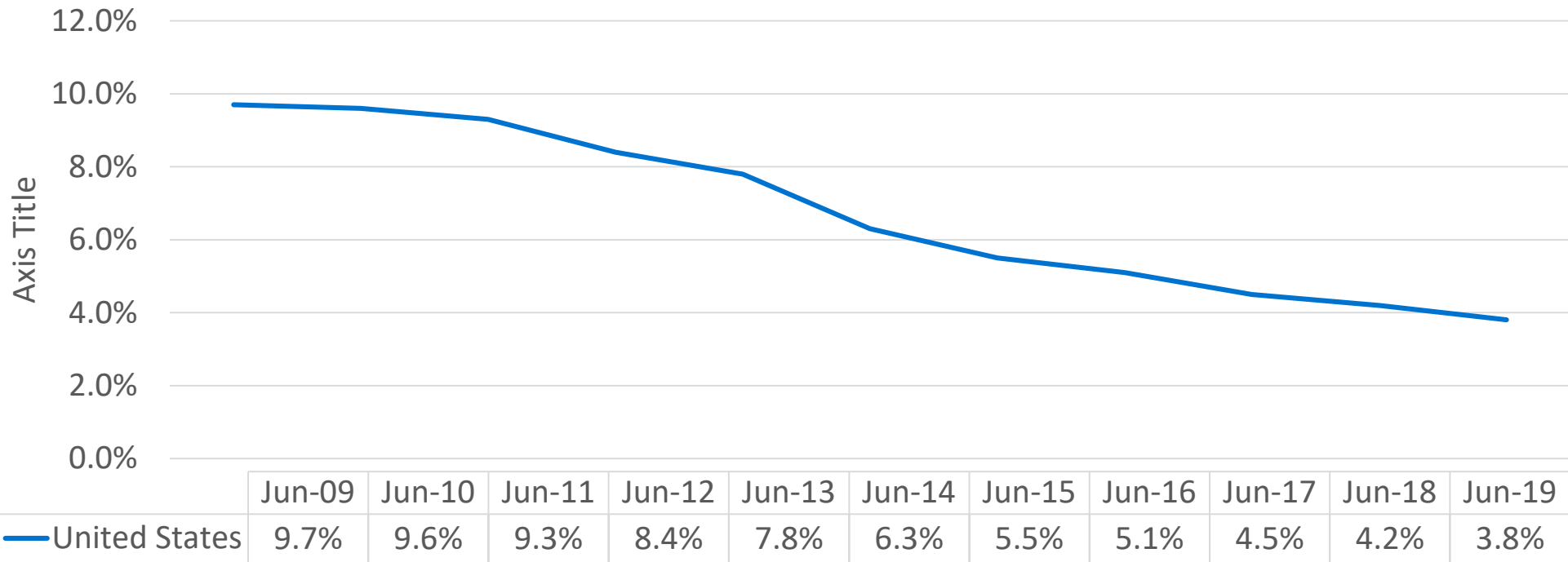
Howard County Outlook

August 2019

National Overview

National Outlook

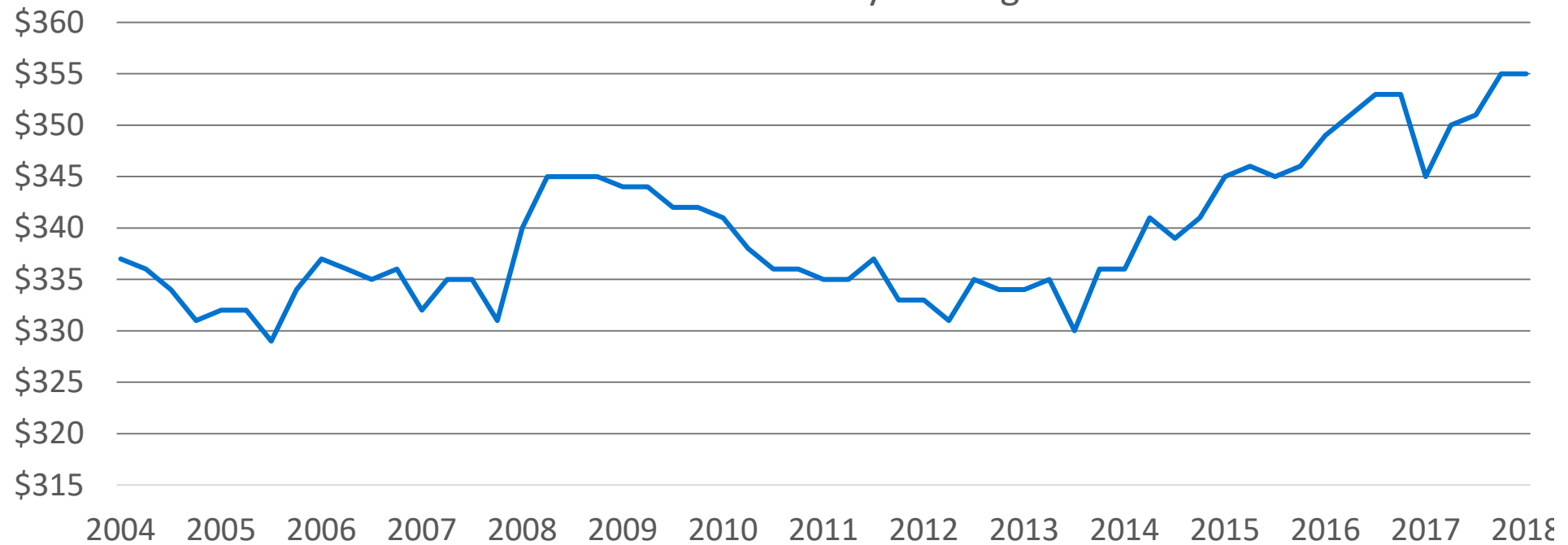
Unemployment
 Unemployment Rate



National Outlook

Quarterly Wage Growth

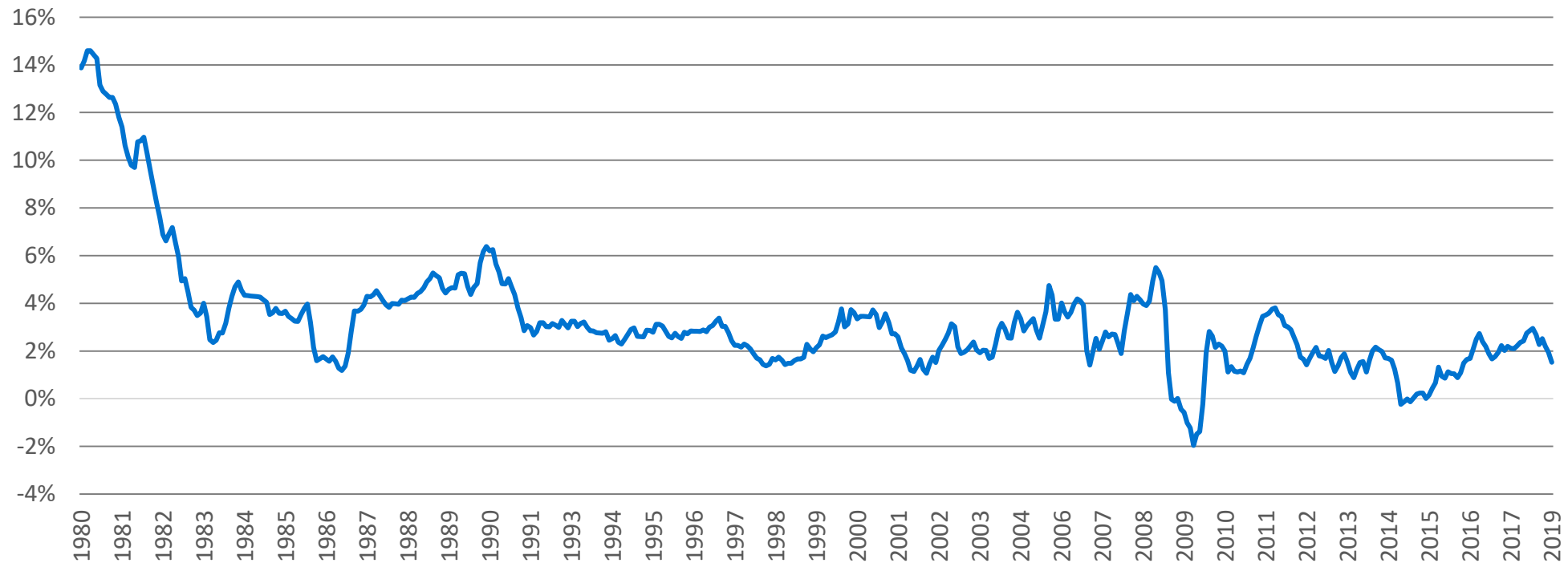
Usual Real Weekly Earnings



National Outlook

Inflation

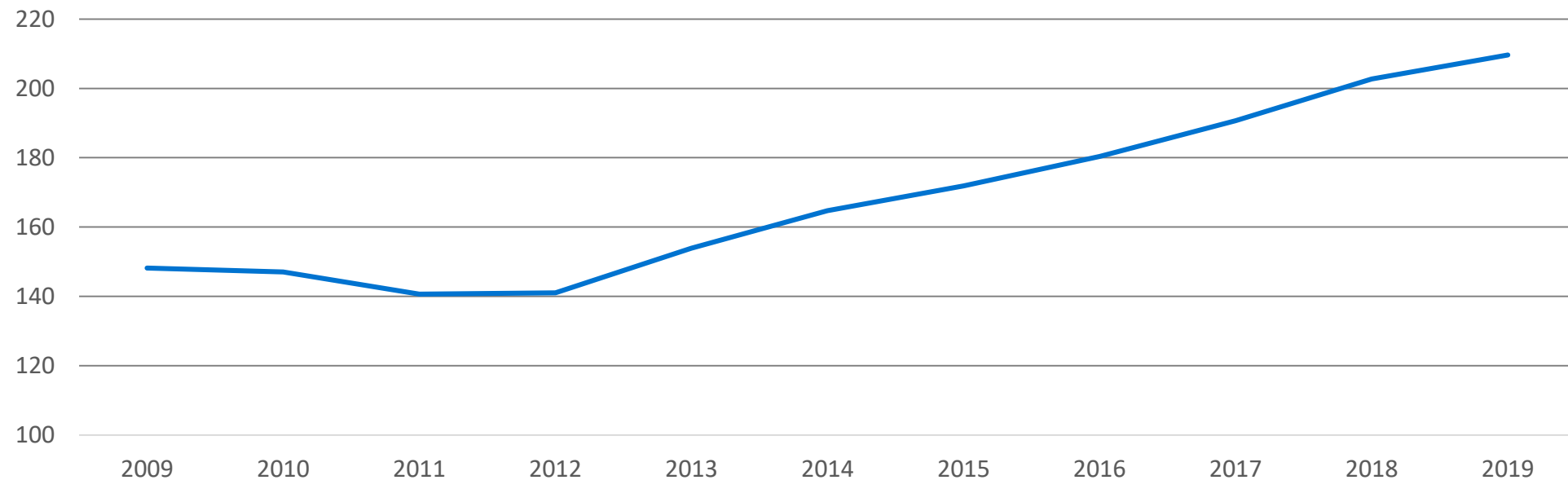
Urban Consumer Price Index YoY Change



National Outlook

Home Prices

S&P CoreLogic Case-Shiller U.S. National Home Price NSA Index



National Outlook

Mortgage Rates

30-Year Fixed Rate Mortgage Average in the United States



Howard County Overview

Accolades

LIVE

- **Best Place to Live**, Columbia and Ellicott City - Money Magazine #1 in 2016 and Top Ten in 2006, 2008, 2010, 2012, 2014, 2018
- **Safest City in America**, Columbia - *WalletHub*, 2019.
- **#10 Healthiest County in the nation** - *U.S. News & World Reports*, 2019.
- **#1 Best County to Raise a Family** - *Niche.com*, 2018.

LEARN

- **Best Educated Adults Over 25** - 61% of residents have a Bachelor's degree and 31% have an advanced degree – U.S. Census Bureau, American Community Survey 2017.
- **#1 Best Public Schools** - 2018, *Niche.com*.
- **Best Two-Year Colleges for Adult Learners**, Howard Community College - *Washington Monthly* (2016,2017,2018).
- **Only National "Five Star" Library System in Maryland**, for six of the last eight years, 2018 - *The Library Journal*.

WORK

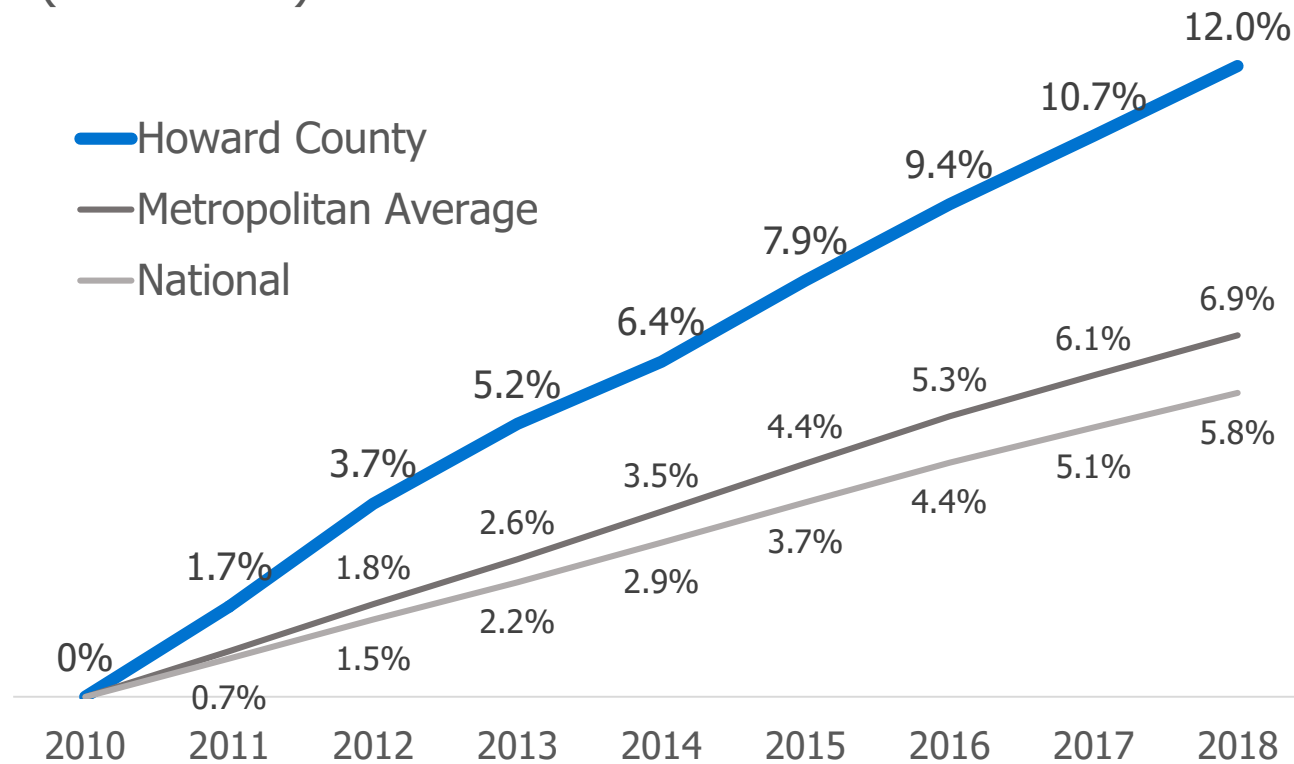
- **9th Most Livable City**, Columbia, for its consistently low unemployment rate and poverty rate, highly educated residents and accessibility to cultural and entertainment amenities - *USA Today*, 2017.

PLAY

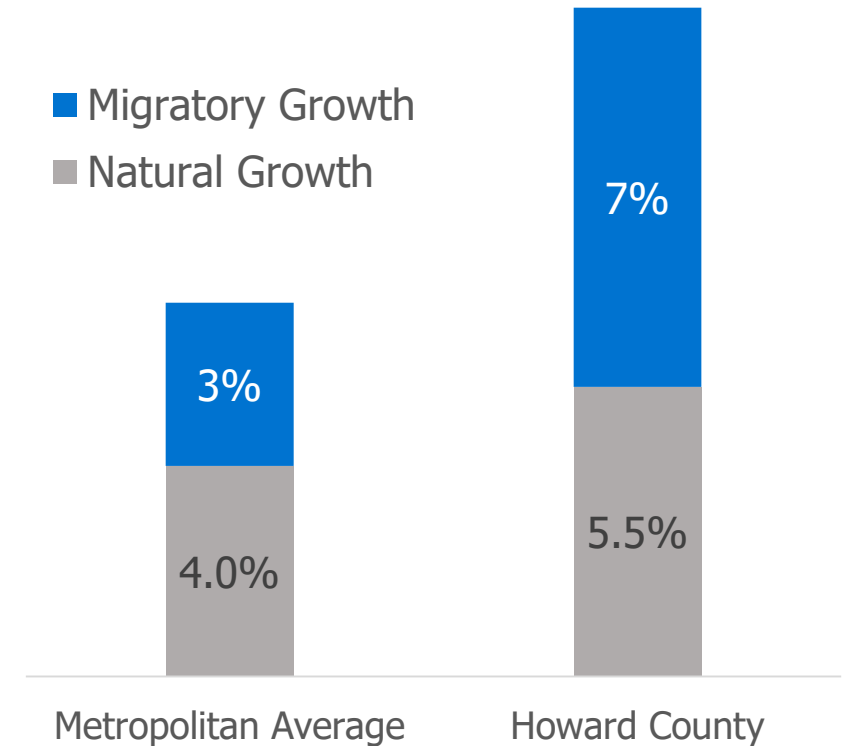
- **Top Ten Outdoor Concert Venue**, Merriweather Post Pavilion – *Fodor's Travel*, 2017.
- Department of Recreation & Parks' Belmont Manor and Historic Park has received the 2019 Couples' Choice Award for venues from *WeddingWire*.

Population

Population Growth
 (2010-2018)

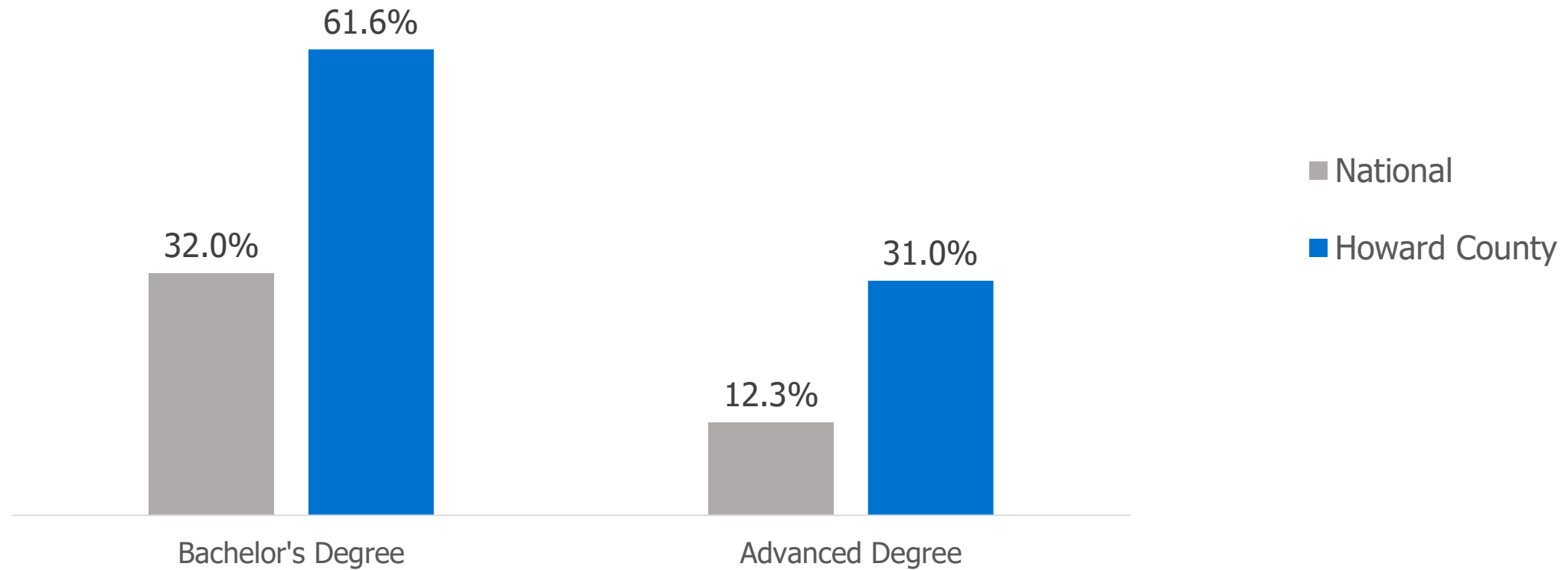


Components of Population Growth
 (2010-2018)



Education and Workforce

Educational Attainment



Income



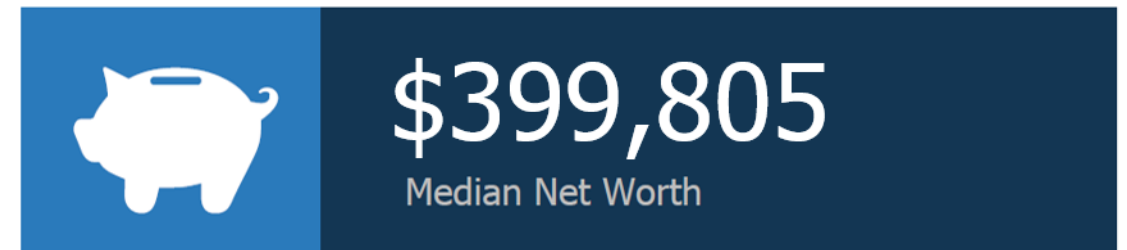
3rd Highest of all Counties



74% Higher than US Average

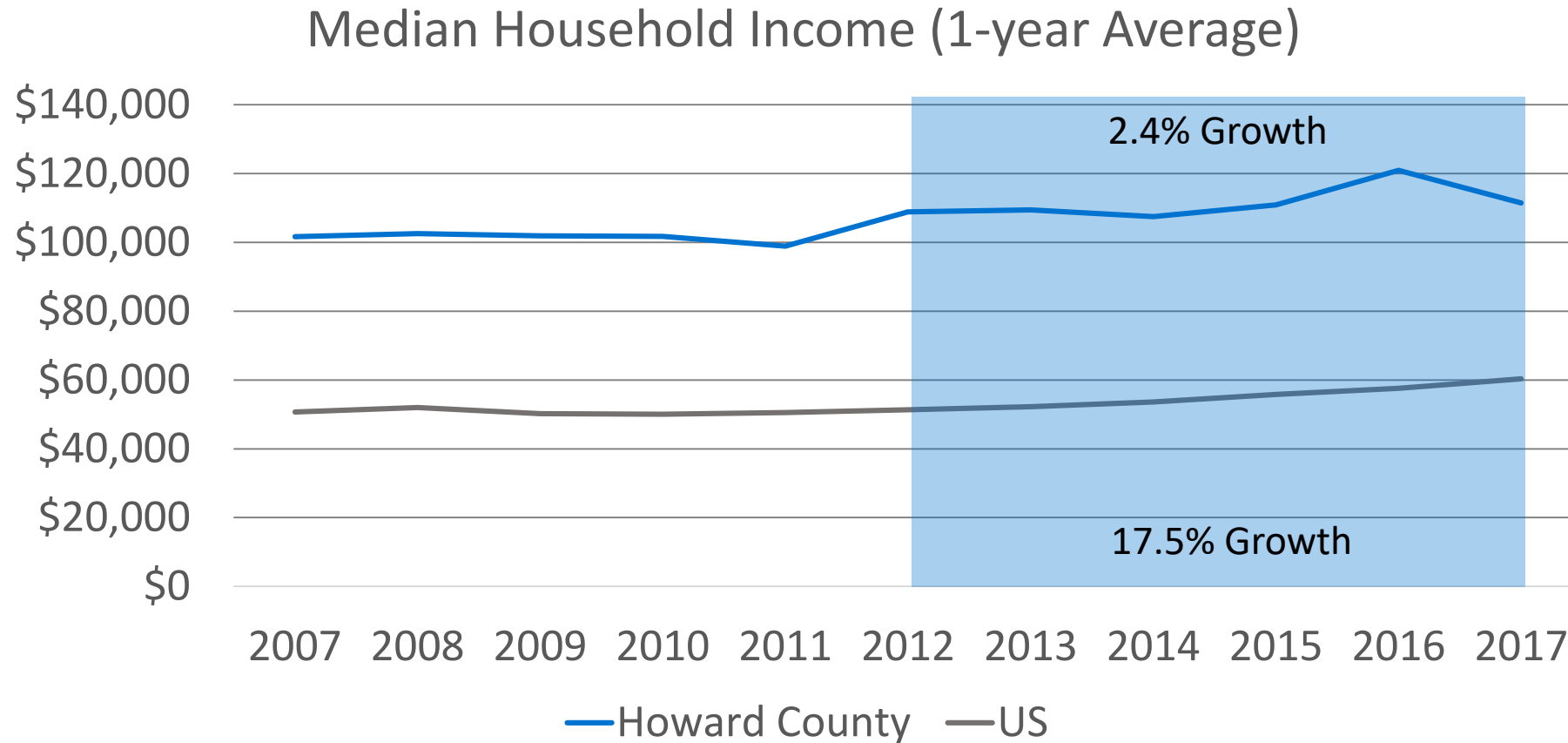


68% Higher than US Average



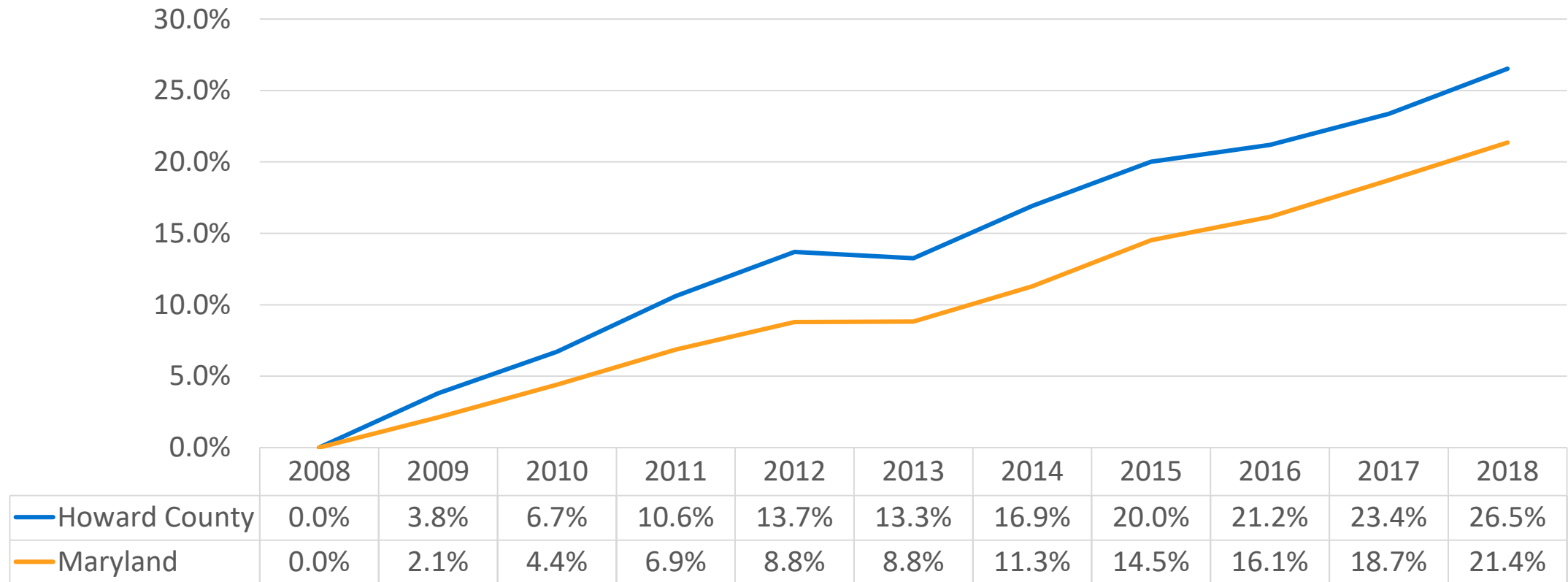
\$296,000 Above US Average

Median Income

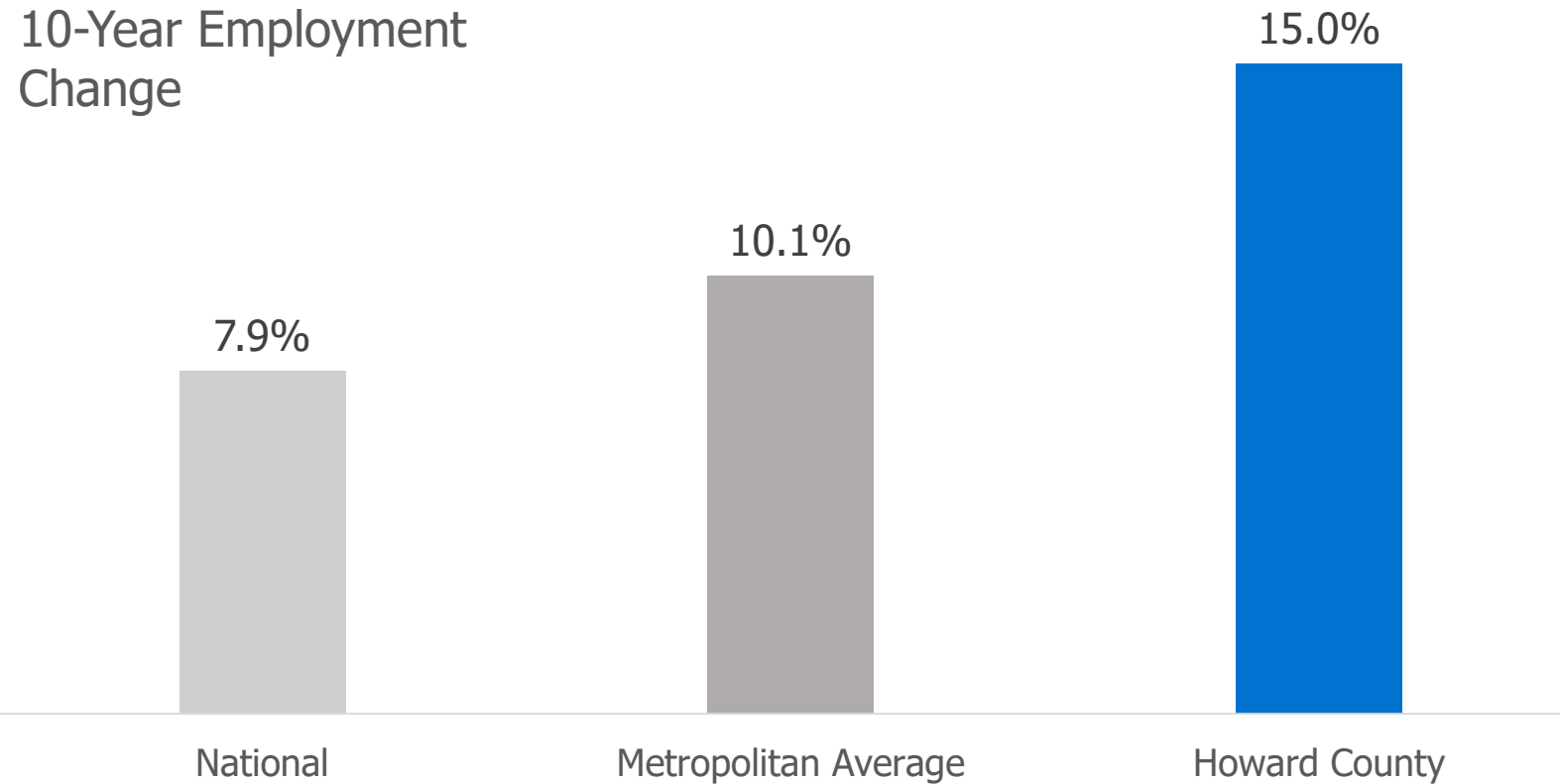


In-County Pay

Average Annual Pay

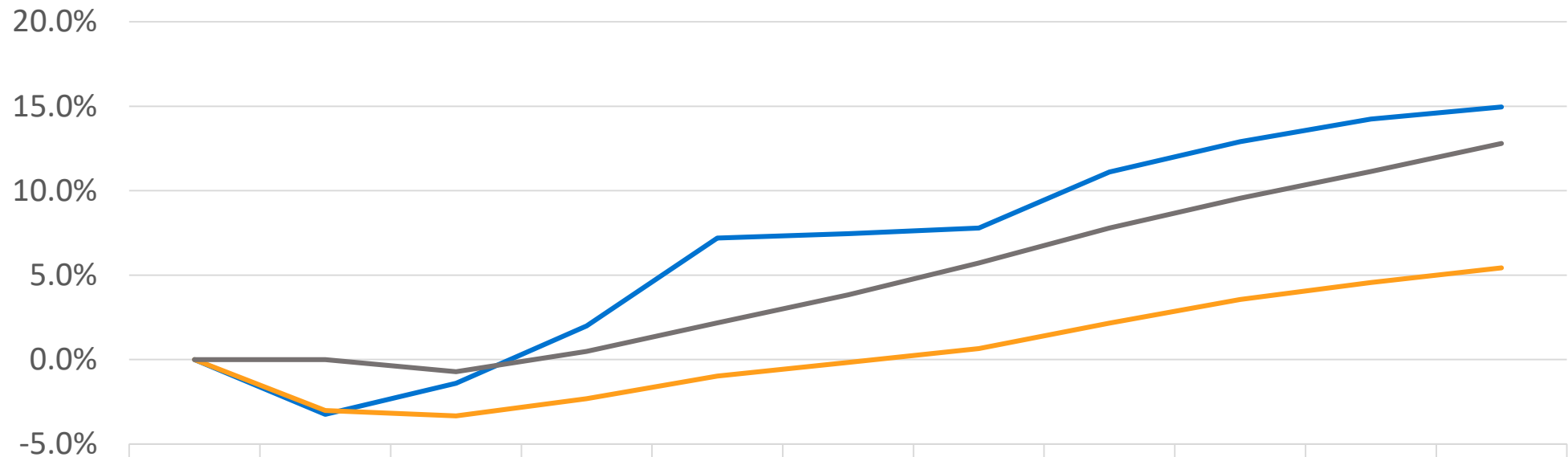


Employment



Employment Growth

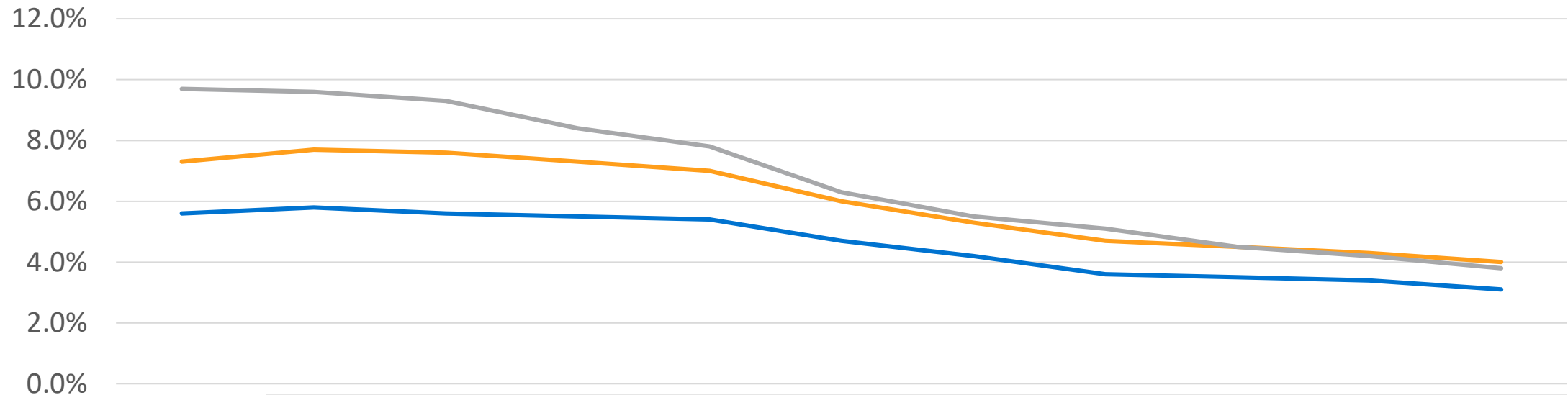
Total Employment



	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
— Howard County	0.0%	-3.2%	-1.4%	2.0%	7.2%	7.5%	7.8%	11.1%	12.9%	14.2%	15.0%
— Maryland	0.0%	-3.0%	-3.3%	-2.3%	-1.0%	-0.2%	0.7%	2.2%	3.6%	4.6%	5.4%
— United States	0.0%	0.0%	-0.7%	0.5%	2.2%	3.8%	5.7%	7.8%	9.6%	11.1%	12.8%

Unemployment

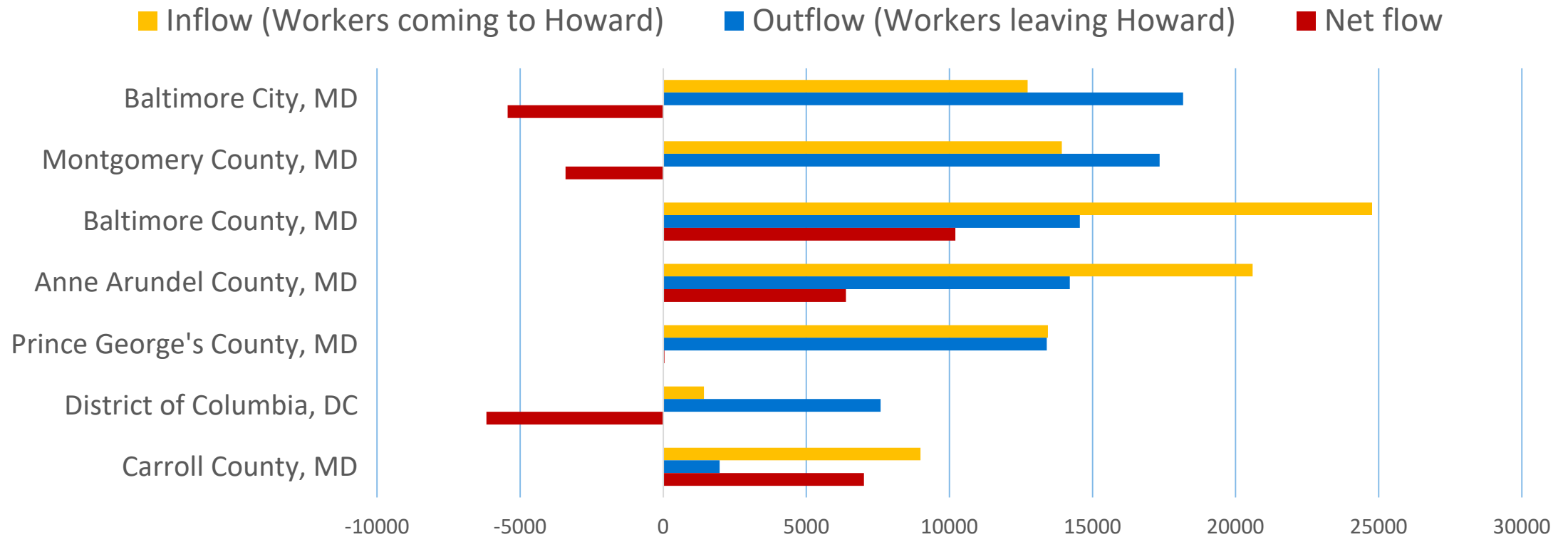
Unemployment Rate



	Jun-09	Jun-10	Jun-11	Jun-12	Jun-13	Jun-14	Jun-15	Jun-16	Jun-17	Jun-18	Jun-19
— Howard County	5.6%	5.8%	5.6%	5.5%	5.4%	4.7%	4.2%	3.6%	3.5%	3.4%	3.1%
— Maryland	7.3%	7.7%	7.6%	7.3%	7.0%	6.0%	5.3%	4.7%	4.5%	4.3%	4.0%
— United States	9.7%	9.6%	9.3%	8.4%	7.8%	6.3%	5.5%	5.1%	4.5%	4.2%	3.8%

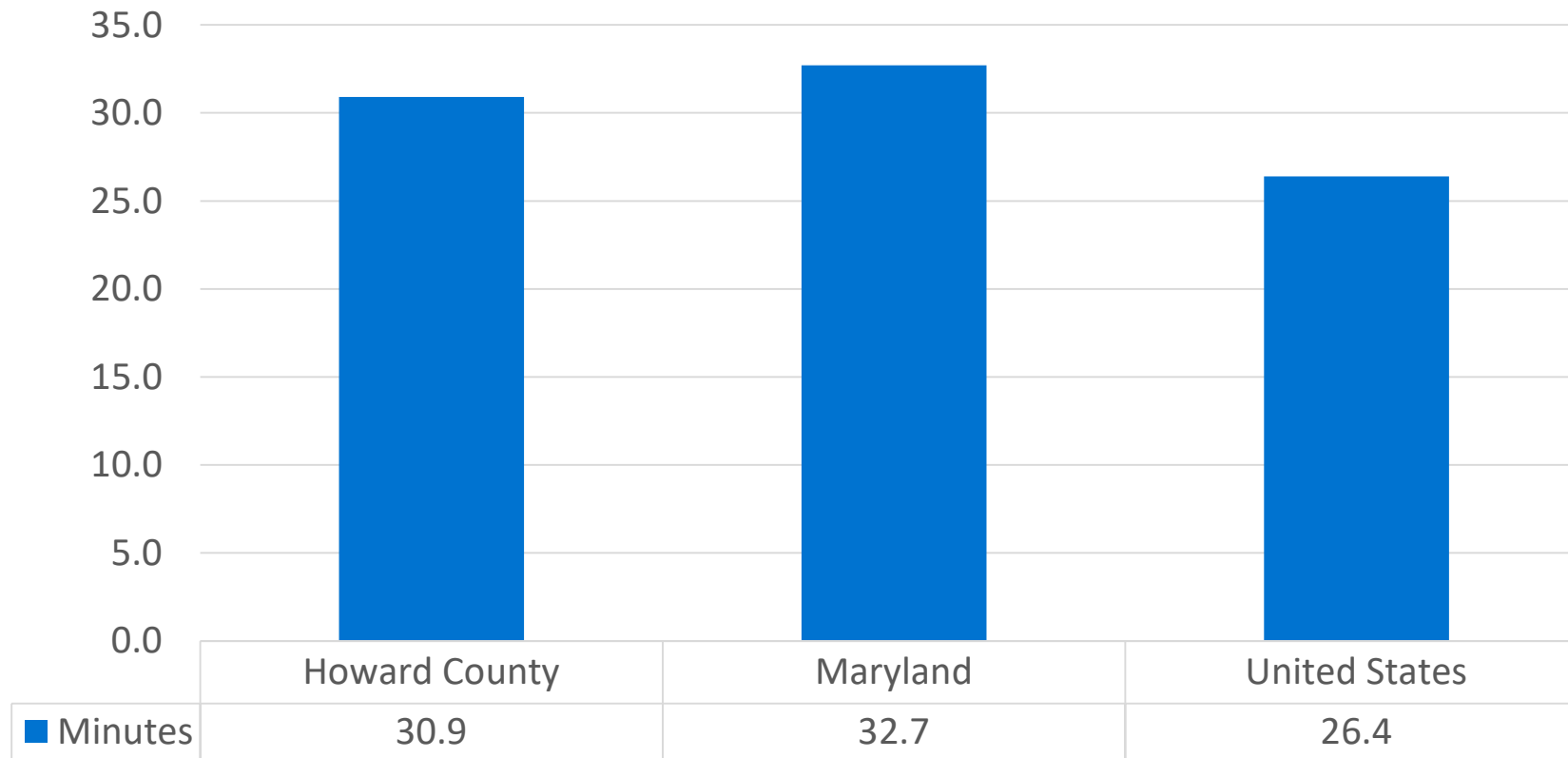
Commuting Flows

Howard County Worker Flow: Top Counties



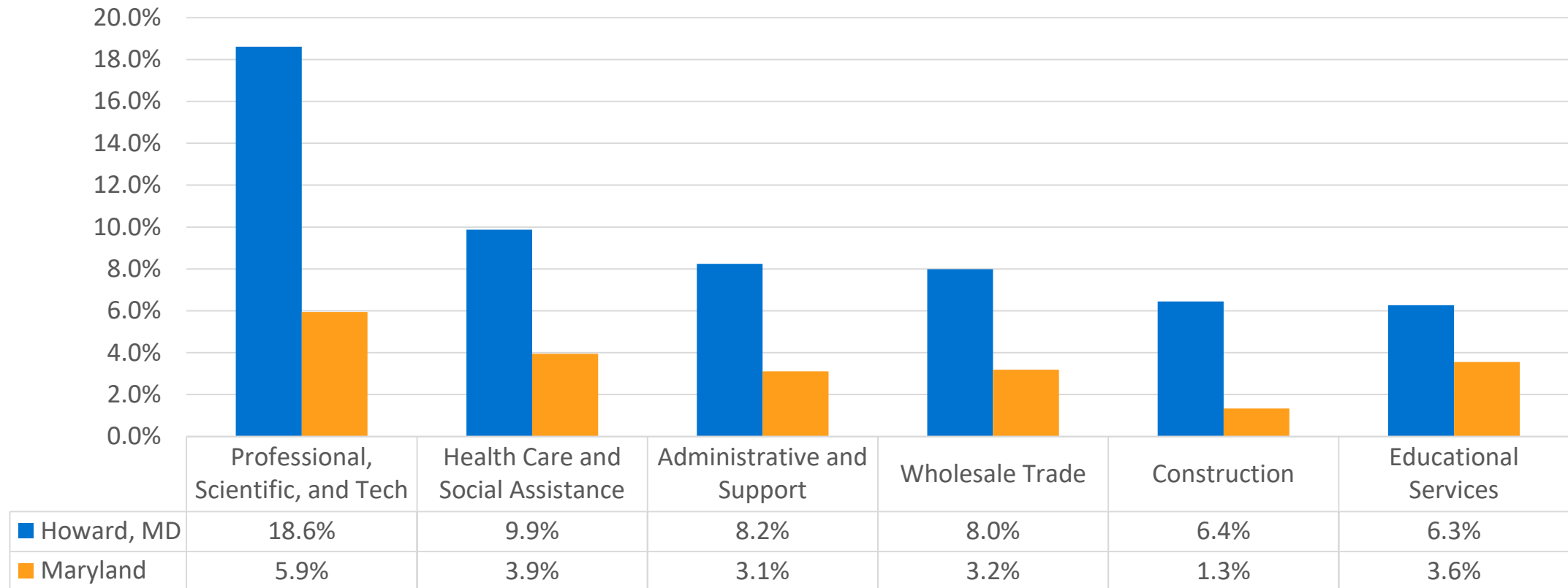
Commuting

Average Travel Time to Work (Minutes)



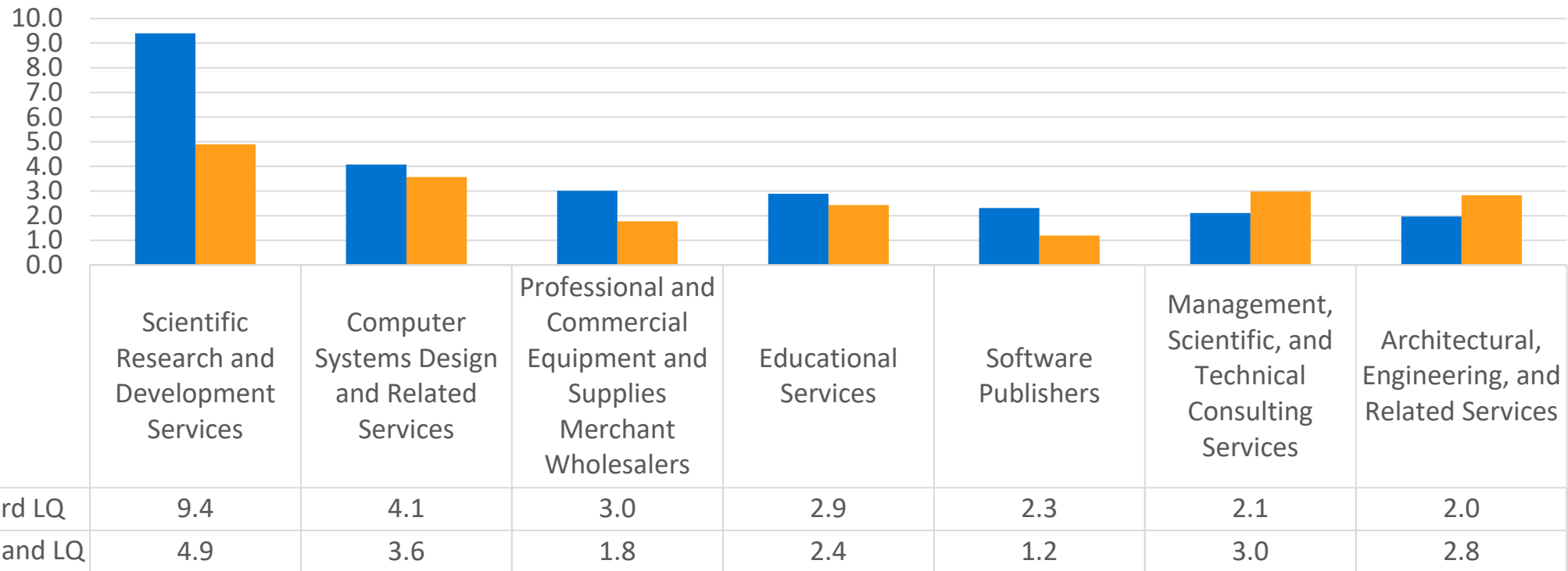
Top Employment Sectors

Howard County Industry Specializations



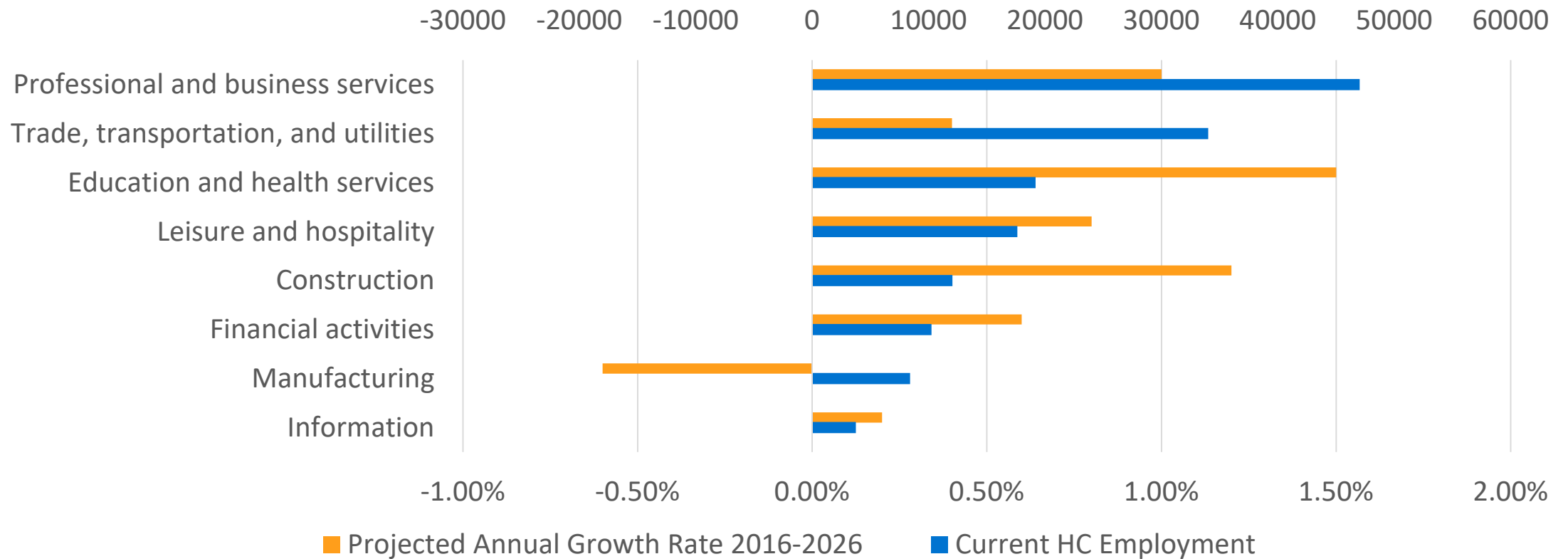
Industry Specializations

Howard County Industry Specializations
 (Location Quotient)



Industry Outlook

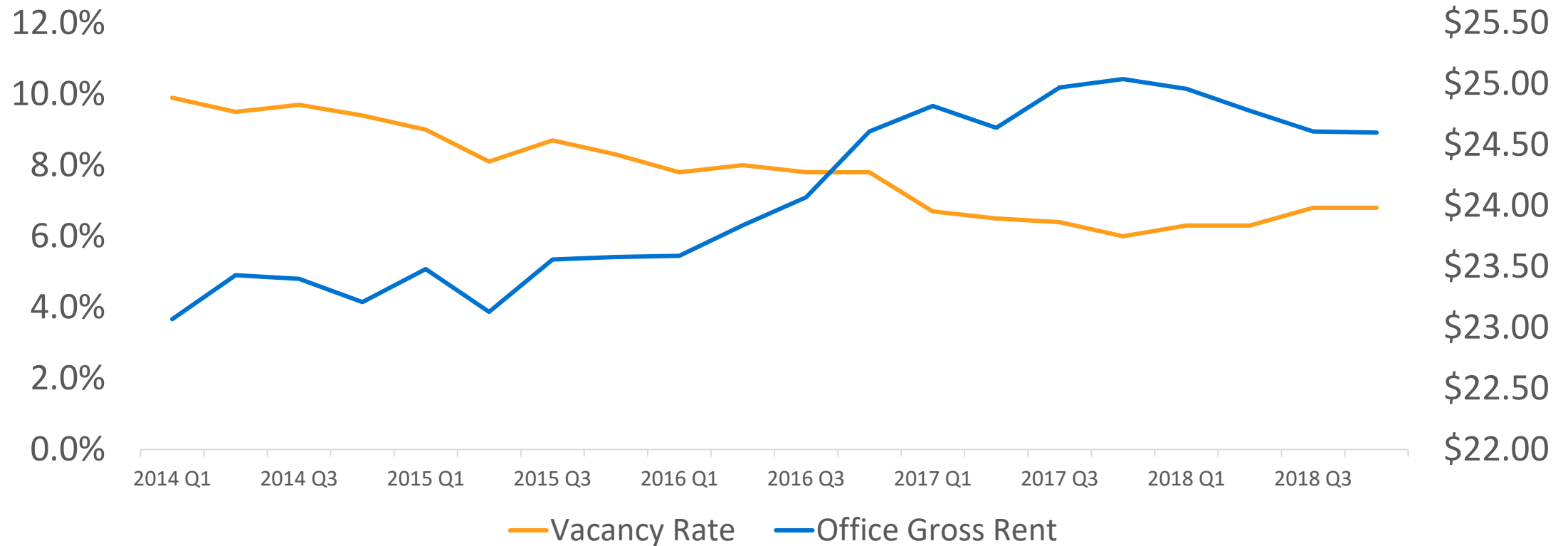
National Industry Growth Projections through 2026



26% of Howard County jobs are held by Howard County residents.

Commercial Real Estate

Vacancy Rates and Average Asking Rent/SF for Office Space



26% of Howard County jobs are held by Howard County residents.

Recent Business Activity in the County

Tenable (Phase II)

- Worldwide publicly-traded cybersecurity firm headquartered in Columbia.
- Moving to 150,000 square feet of offices in Downtown Columbia
- 580 retained jobs
- 340 new jobs
- Payroll over \$100,000,000/year
- County and state investment leveraged over \$320 million in infrastructure and construction from Howard Hughes Corporation

Intralix

- Biotech research and development company that manufactures bacteriophage-based products
- Moving headquarters and operations to Columbia
- 33,000 square foot building purchased
- \$100 million of capital expenditure
- 45 new jobs

BTS Biofuels

- US Headquarters of Italian manufacturer and operators of closed loop anaerobic bio-digester
- \$20 million capital expenditure
- 15-20 new employees
- Note: BTS Bio-digester to be installed in the Maryland Food Center Authority to handle organic waste

MidPoint Technologies

- Design/build IT service provider
- Expanding to 16,000 square feet of flex space
- \$200,000 capital expenditure
- 60 new jobs
- Adding 60 more jobs in 2 years

Metro Laundry Services

- Minority-owned commercial laundry operation servicing the hotel industry bringing operations to the County
- 52,000 square foot lease
- \$5 million capital expenditure
- 100 new jobs

Vytek Windows

- Residential replacement window manufacturer
- Expanding by 60,000 square feet, bringing total square footage to 220,000
- \$1 million capital expenditure
- 175 retained jobs
- 30 new jobs

C-Hit

- Fast growing minority-owned healthcare IT company
- Expanding by 30,000 square feet, bringing total square footage to 60,000
- \$32 million in revenue
- 112 retained jobs
- 40 new jobs

TeamWorx

- Veteran-owned cybersecurity spinoff from the Johns Hopkins Applied Physics Lab expending
- \$500,000 capital expenditure
- 10 retained jobs
- 8 new jobs

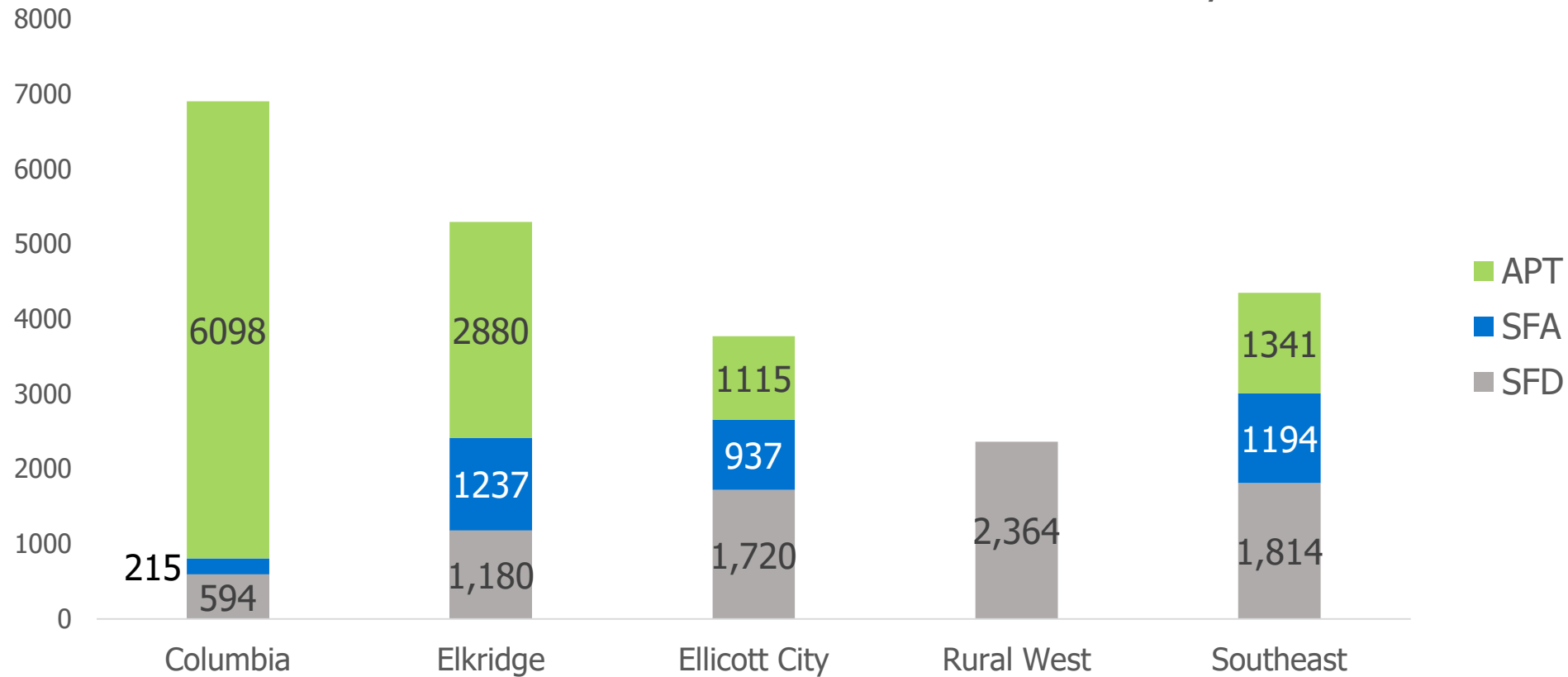
VitusVet

- A graduate of HCEDA's Maryland Center for Entrepreneurship specializing in technology services to veterinarians
- \$1 million capital expenditure
- 20 new jobs
- 25 million pet records managed

Howard County Housing

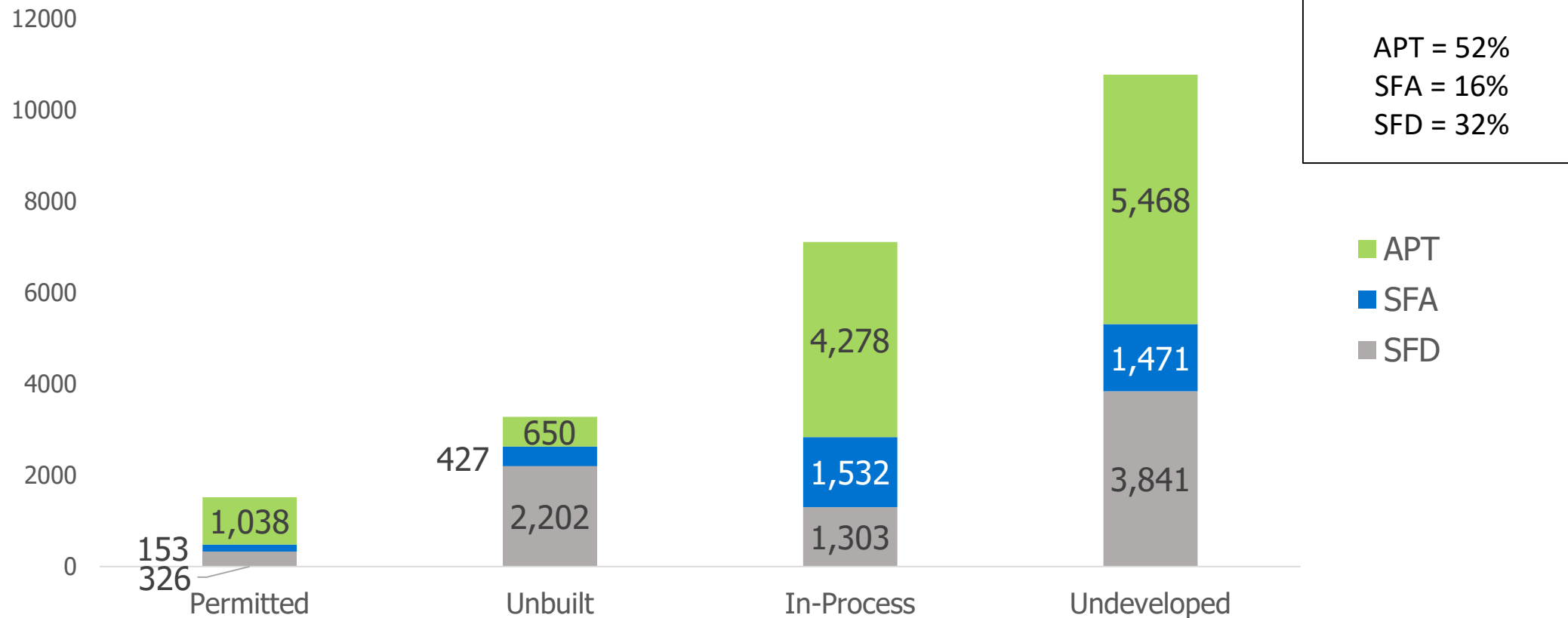
Current Growth Potential

New Unit Potential in Howard County



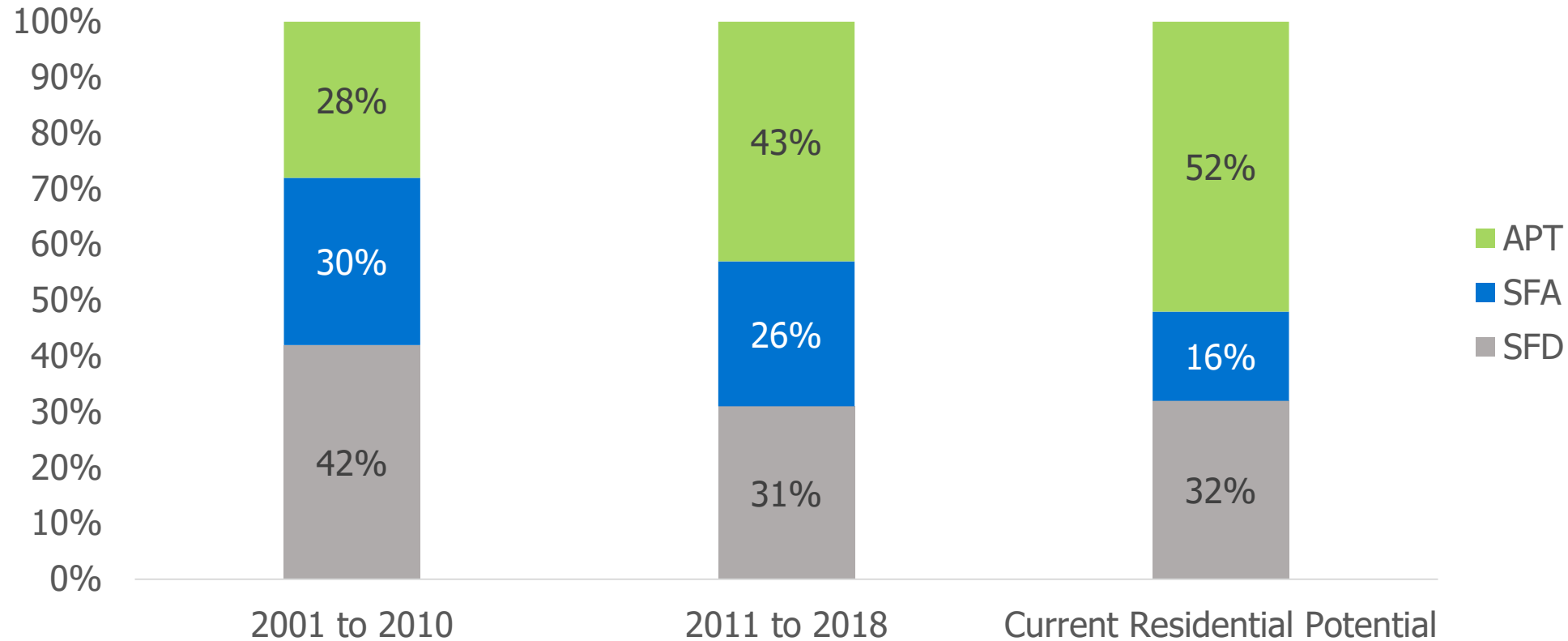
Current Growth Potential

New Residential Unit Potential in Howard County



Current Growth Potential

New Residential Unit Potential in Howard County



Residential Real Estate

