OUR PLAN TO ELIMINATE FATALITIES AND SERIOUS INJURIES ON OUR ROADS

LIFESAVERS CONFERENCE• 04/28/2021

MONTGOMERY COUNTY
MARYLAND

POPULATION

Montgomery County is the most populous county in Maryland and is home to **1,058,810** residents. Most of these residents live in unincorporated areas within the County.

Montgomery County has grown an estimated 8.9% since 2010.

INCOME

Montgomery County is one of the most prosperous counties in the US with a median household income of **$103,235.**
The Median Home Value is **$477,800.**

#17 highest median household income among all US counties.

EDUCATION

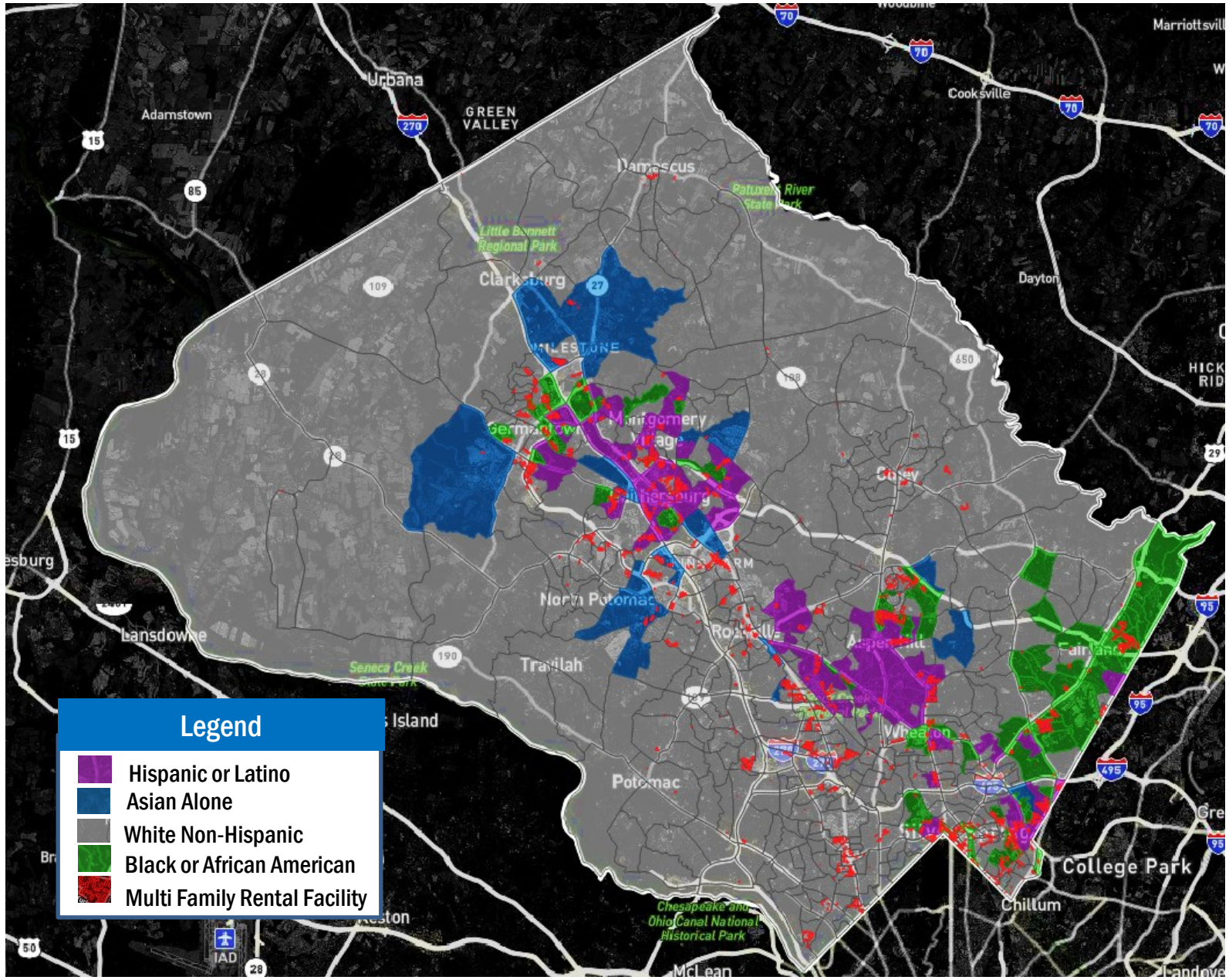
Montgomery County is one of most educated counties in United States. 57.8% of Resident have attained a Bachelors degree and 30.8% have attained a post graduate degree.

#6 highest in percent attaining post - graduate degree among US counties

Montgomery County, Maryland

Source: Census Bureau ACS 1yr Estimates 2017

MAJORITY ETHNICITY/RACE BY CENSUS BLOCK GROUP



A Diverse County

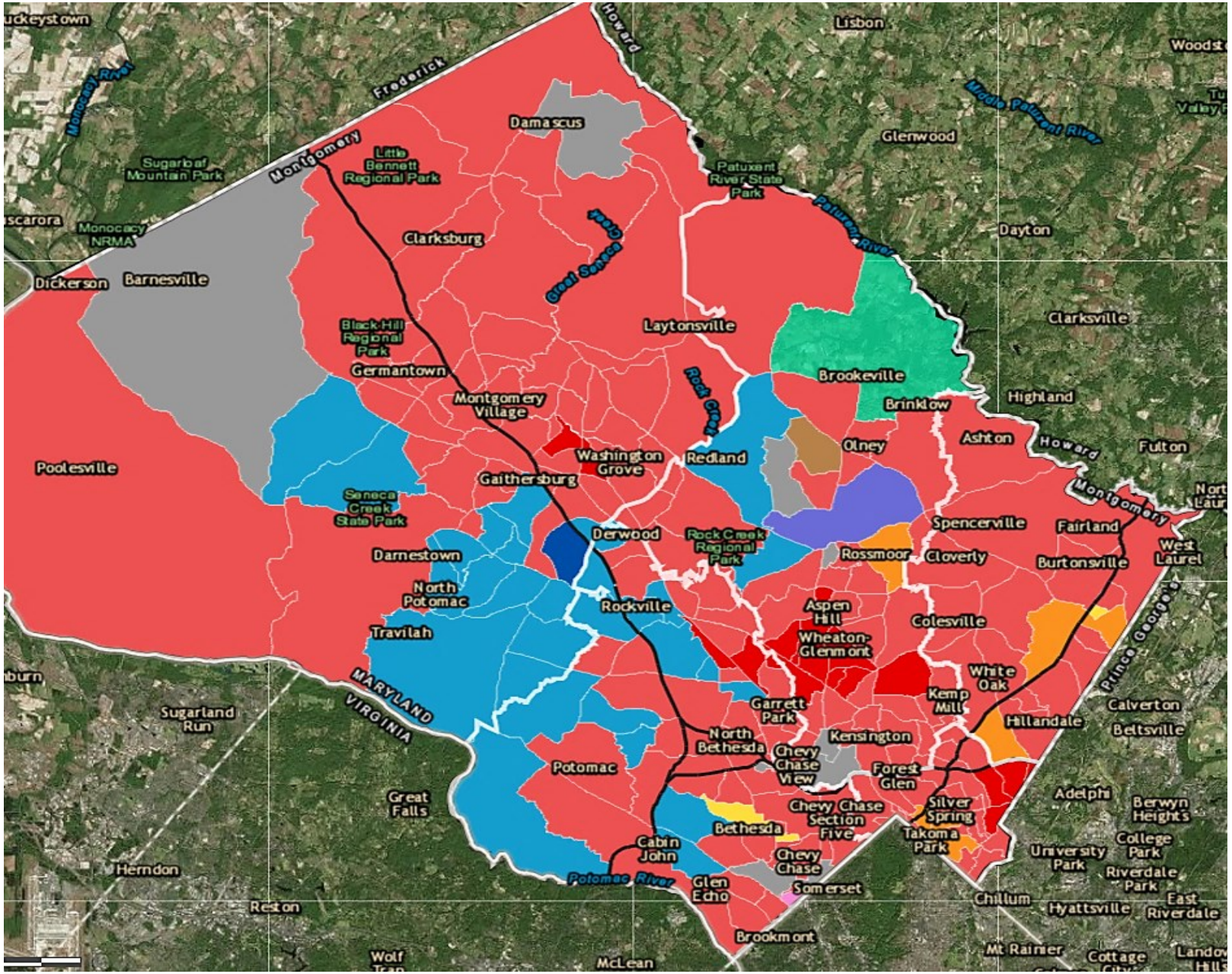
304 of the County's 614 Census Block Groups are Minority Majority

Renters are Diverse

An estimated 70% of the County's renters live within these Minority Majority Census Tracts

MOST POPULAR LANGUAGE AFTER ENGLISH BY TRACT

VISION ZERO



394,000 residents (or 40%) speak a language other than English at home. 138,000 residents have limited English proficiency—and 26,000 households (or 7%) are "language isolated."

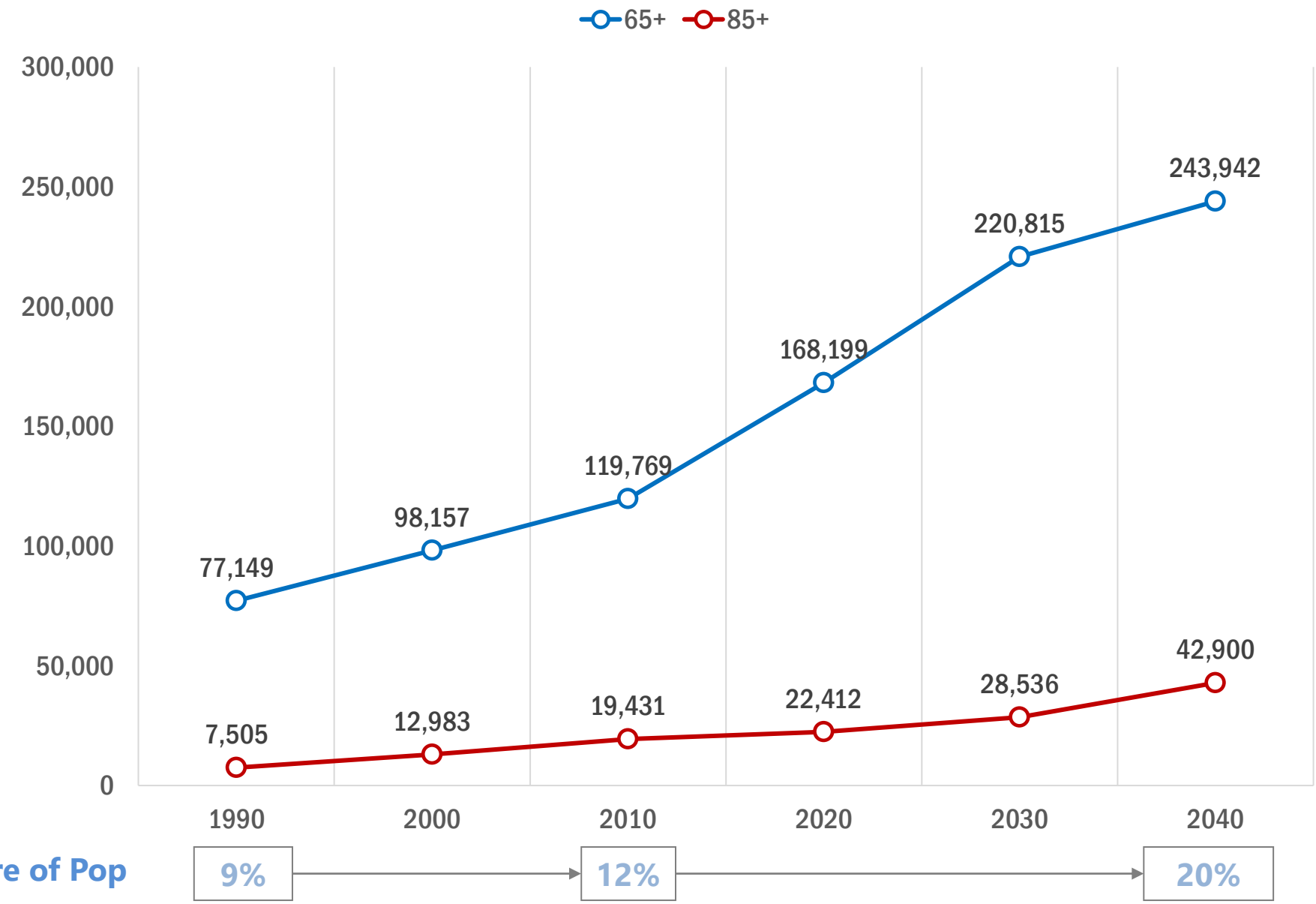
Most Popular Language 2010-2014

- Spanish or Spanish Creole
- Too few to estimate
- Chinese
- English (Spanish First)
- Korean
- Persian
- Gujarati
- Vietnamese
- African languages
- French (incl. Patois, Cajun)
- Greek

RANK BY RSC	#1	#2	#3
Bethesda-CC	Spanish	Chinese	French
Up-County			African
Mid-County		African	Chinese
Silver Spring			French
East County			

SOURCE: CENSUS ACS 2010-2014

GROWTH IN SENIOR POPULATION



Share of Pop

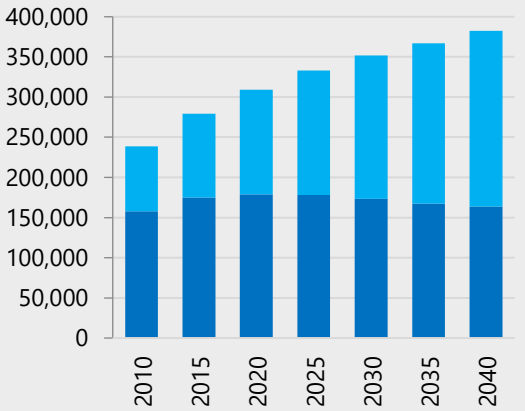
9%	12%	20%

The senior population is projected to double in 30 years (2010 to 2040)

124,000 more residents 65+, raising their share of the population by +**8%.**

Minorities: % of residents 55+

34% → 57%

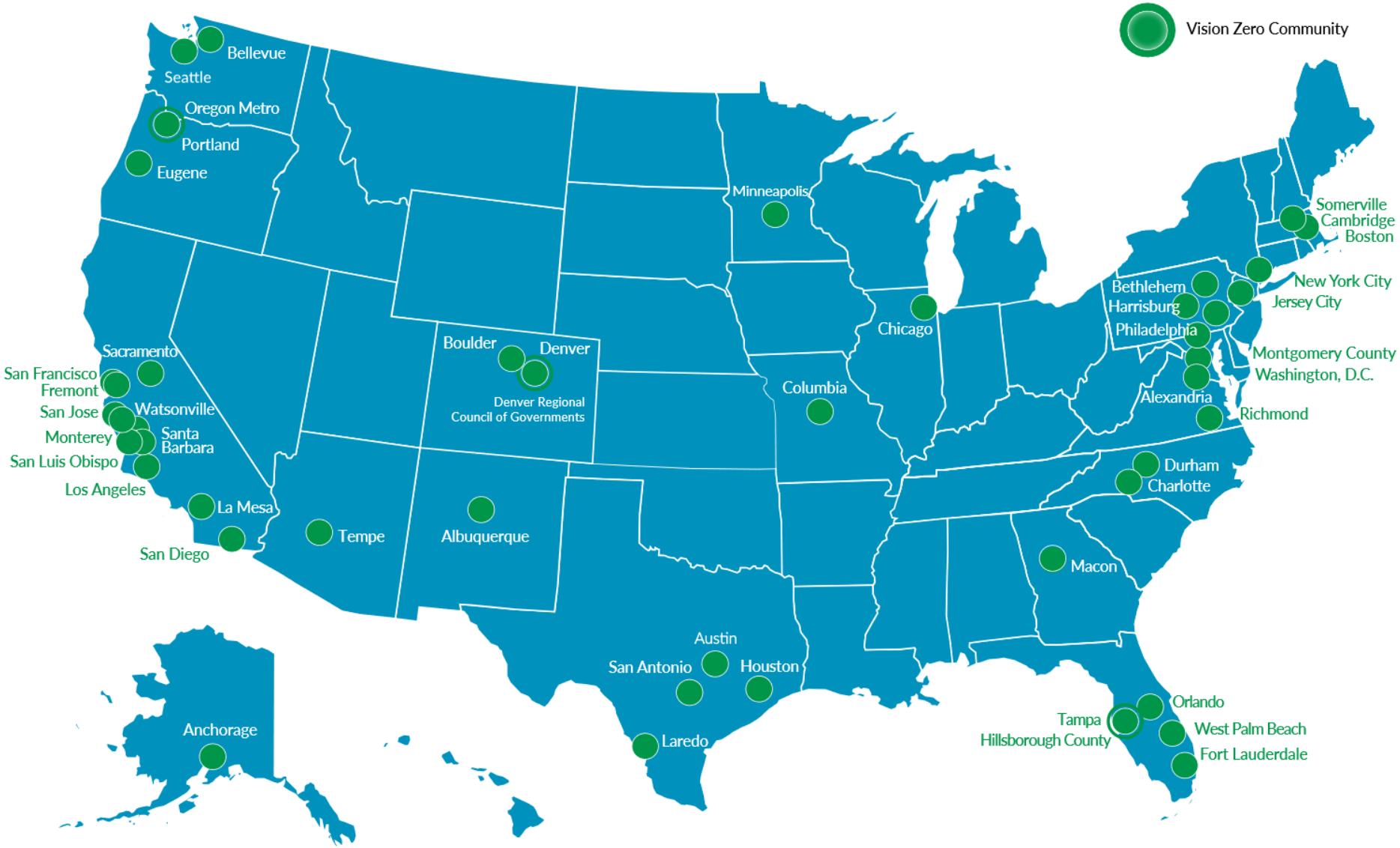


Source / notes

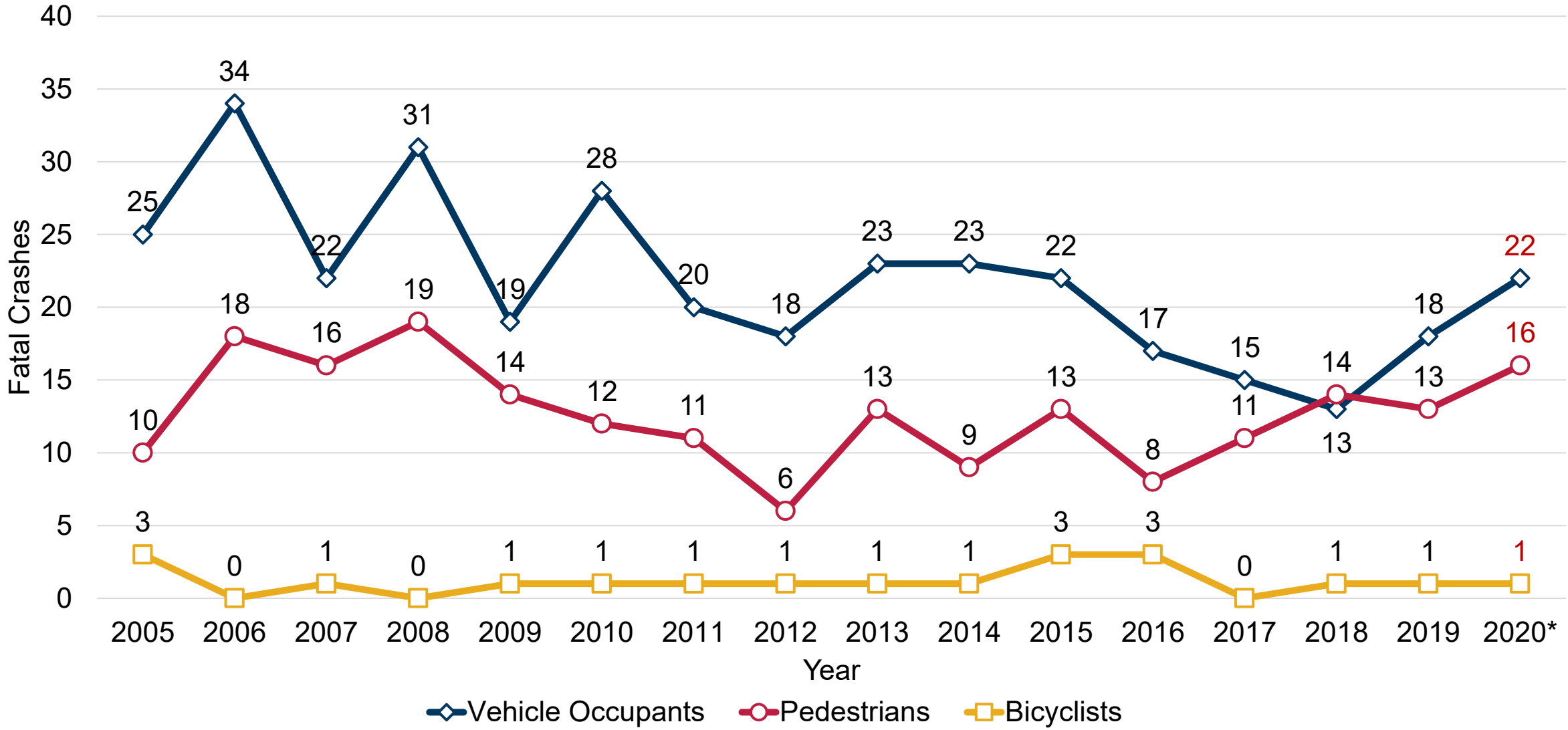
Maryland Planning 2016

VISION ZERO OVERVIEW

VISION ZERO CITIES AND COUNTIES

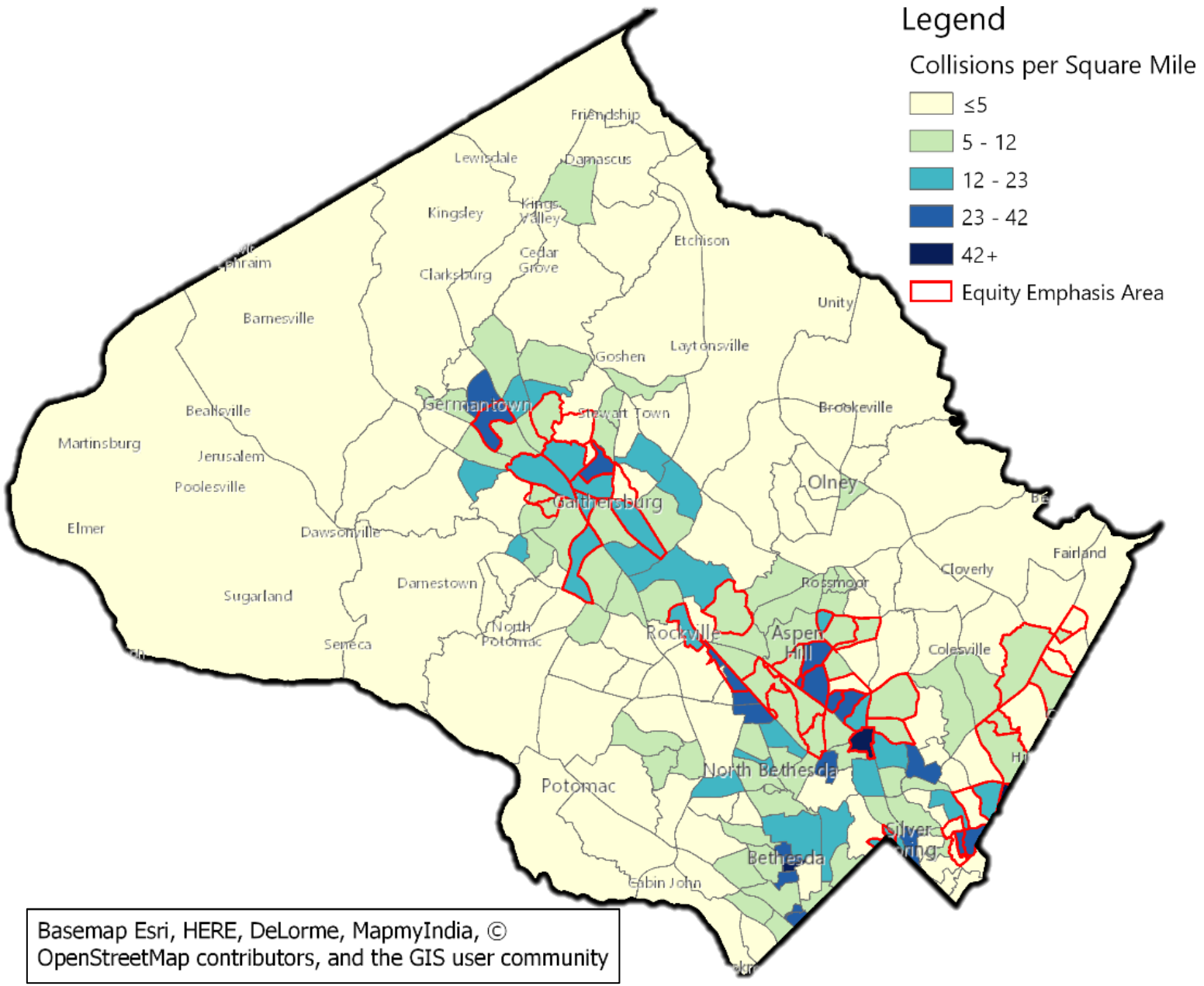


FATAL COLLISIONS BY YEAR



Source: MCPD Collision Reconstruction Unit
*2020 data are preliminary and subject to change

SERIOUS AND FATAL COLLISIONS BY CENSUS TRACT



Basemap Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Crash Density was <u>higher</u> in neighborhoods with...	
Higher ↑	Percentage of households that speak English less than "very well"
Higher ↑	Percentage of population that is Hispanic or Latino
Higher ↑	Percentage of households below the poverty level
Lower ↓	Median age

2018-19 ACTION PLAN – ACTION ITEMS

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Engineering

- Design facilities that prioritize safety above all else
- Key Outcome: Reductions in severe and fatal collisions in High Injury Network (HIN)

Enforcement

- Encourage safe behaviors using evidence-based high visibility enforcement
- Key Outcome: Hours of dedicated enforcement for factors contributing to severe and fatal collisions

Education

- Engage the public to promote the importance of traffic laws and safe behaviors
- Key Outcome: Increased awareness of dangerous driving, biking, and walking behaviors

Traffic Incident Management

- Ensure that when a collision occurs, prompt care is provided
- Key Outcome: Maintain response times for traffic collisions with injuries based on dept. standards

Law, Policy, and Advocacy

- Improve the way traffic safety is managed by changing codes, laws, and policies that do not align with Vision Zero
- Key Outcome: Passage of significant laws and policies required to implement Vision Zero

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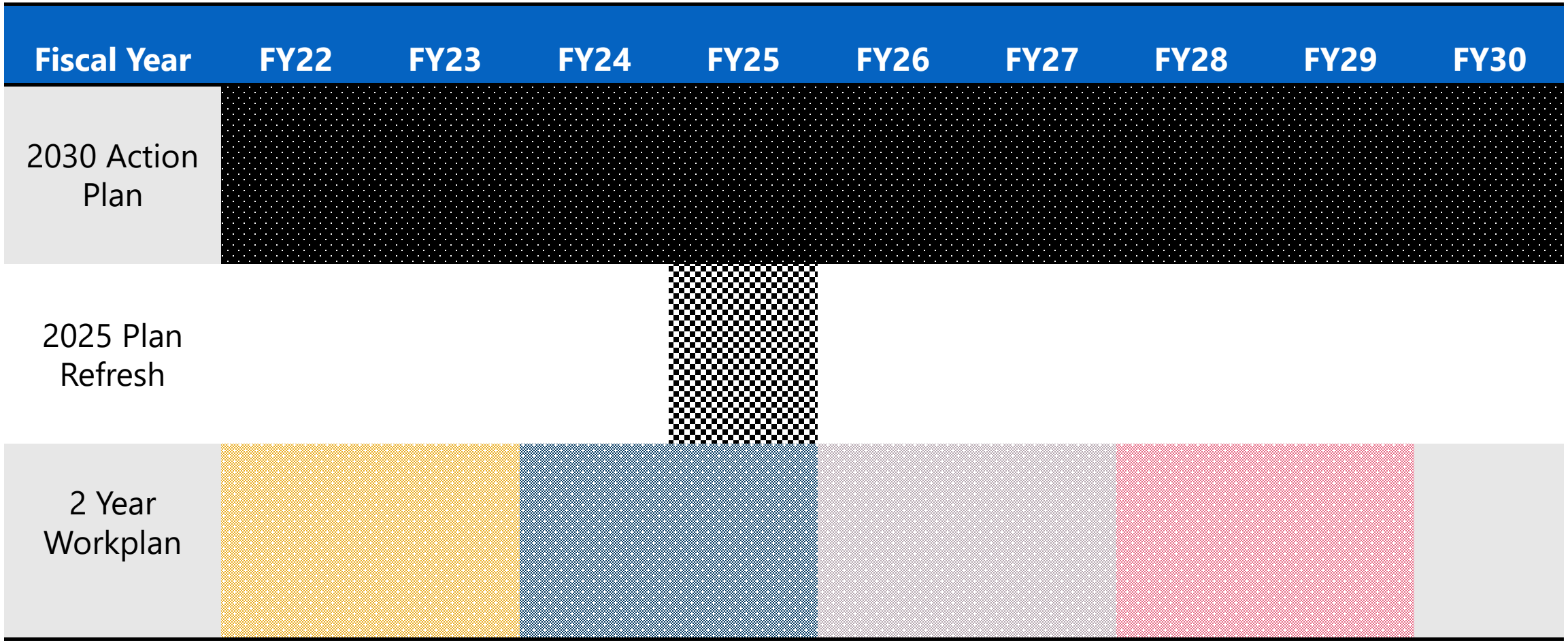
PLAN FOR 2030

PLAN CHECKPOINTS



The 2030 Plan has built in refresh points, tied to the budget schedule, to keep the plan transparent, accountable, and up-to-date. The updates also allow us to address “known unknowns” and address emerging issues.

EXTERNAL CHALLENGES AND OPPORTUNITIES IN THE 2020s

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Prioritize in Planning

(High ability for County Gov't. to address)

- Budget
- Ending Racial Injustices and Inequalities
- Land Use / Zoning
- New communication channels
- New signal and roadway tech.

Explore Partnerships

(Medium ability for County Gov't. to address to address)

- Future Tech and Autonomous Vehicles
- Climate Change
- Community Acceptance
- Changing Demographics
- Politics
- Private sector – property access and parking lot design

Consider in Planning

(Low ability for County Gov't. to address to address)

- Economic Conditions
- Cost of Fuel
- Pandemics

LEVELS OF INFLUENCE ON DRIVERS AND VEHICLES

Area	County	State	Federal
Traffic Signals	Installation and maintenance	Installation and maintenance	Signal warrant and design standards (MUTCD)
Pavement marking and signage	Installation and maintenance	Installation and maintenance	Pavement marking and signage standards (MUTCD)
Driver's Licensing	None	Motor Vehicle Admin. (MVA)	Commercial Vehicles and Driver (FMCSA)
Vehicle Safety Standards	None	None	Federal Motor Vehicle Safety Standards (FMVSS)
Communication Spectrum	None	None	Federal Communications Commission (FCC)

KNOWN UNKNOWNS

VISION ZERO

TIMING OF CAVs TO MARKET	FEDERAL STANDARDS AND SUPPORT	SYSTEM DOWNTIME AND REDUNDANCY STANDARDS
EFFECTS ON VMT & TRANSIT USE	DATA PRIVACY AND OWNERSHIP	EQUITY AND NEW VS OLD VEHICLES
SAFETY FOR PEDESTRIANS AND CYCLISTS	COMMUNICATION STANDARDS	IMPACT ON COUNTY BUDGET & REVENUE

PARTNERING FOR THE FUTURE

LOOKING AT THE FUTURE OF CAVs…

Image: Bada Bing, https://goo.gl/aawyLi, CC BY-NC-SA 2.0, https://goo.gl/Toc0ZF

THANK YOU!

Group photo of County employees involved in designing and building the 2nd/Spring protected intersection.

montgomerycountymd.gov/visionzero/

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