



CMAQ Performance Planning Update

ICG

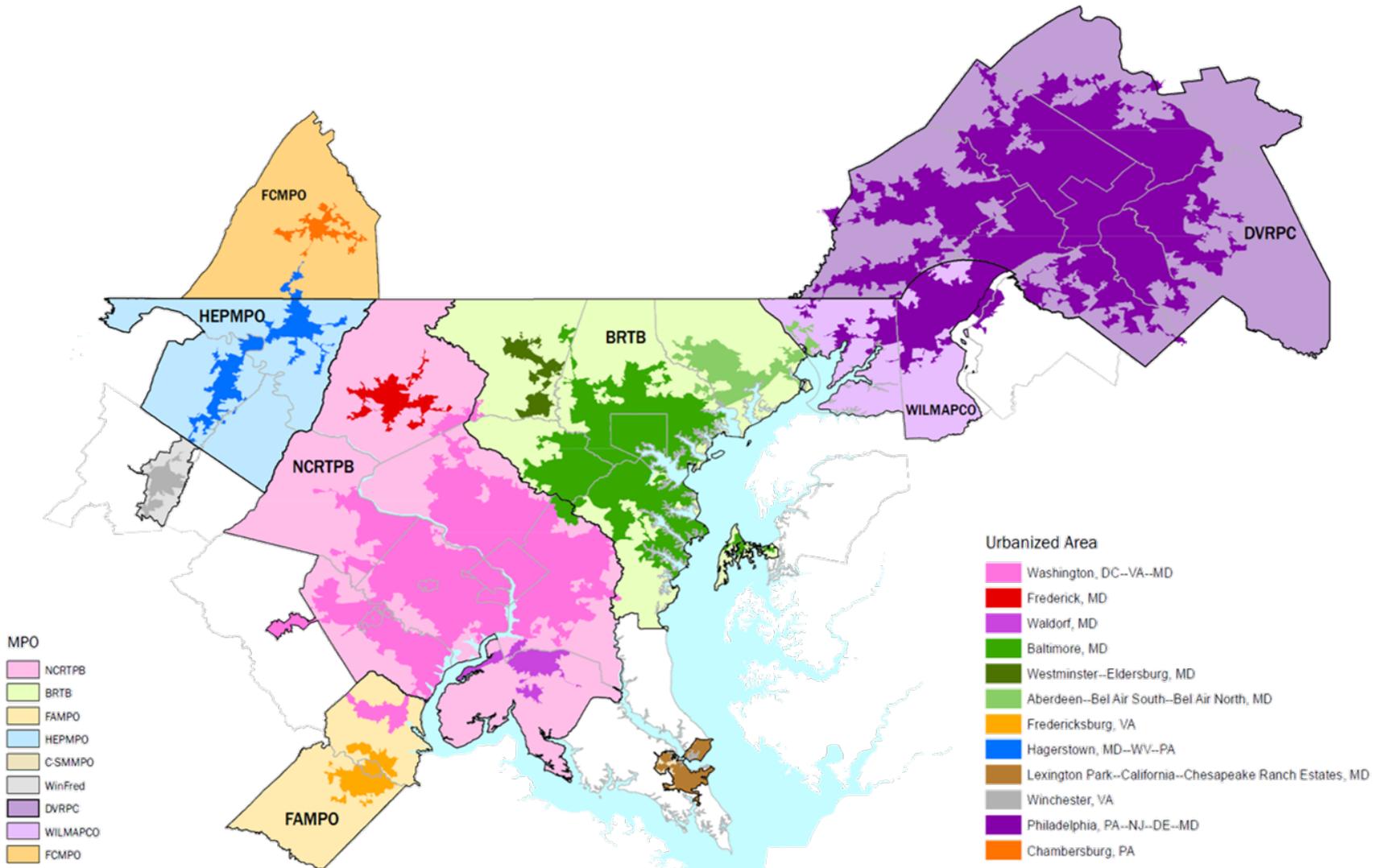
July 13, 2022



CMAQ Performance Measures

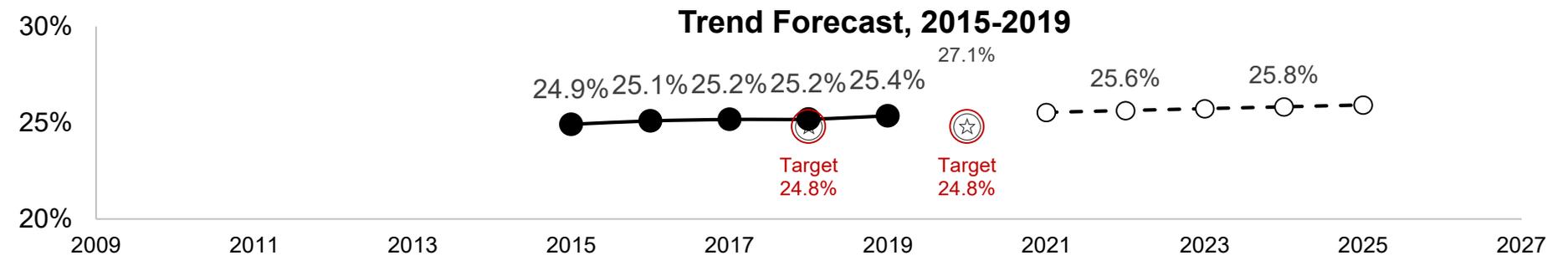
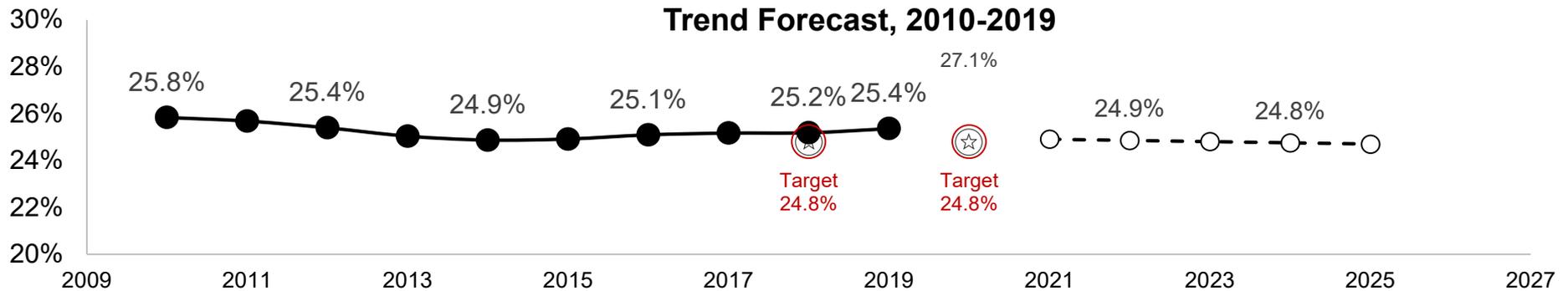
Performance Area	Measure
Traffic Congestion (23 CFR Part 490 Subpart G)	PHED Measure: Annual Hours of Peak Hour Excessive Delay (PHED) Per Capita
	Percent of Non-SOV Travel Measure: Percent of Non-Single Occupancy Vehicle (SOV) Travel
On-Road Mobile Source Emissions (23 CFR Part 490 Subpart H)	Total Emissions Reduction Measure: 2- and 4-year Total Emission Reductions for each applicable criteria pollutant and precursor for all projects funded with CMAQ funds

MPO and Urbanized Area Boundaries

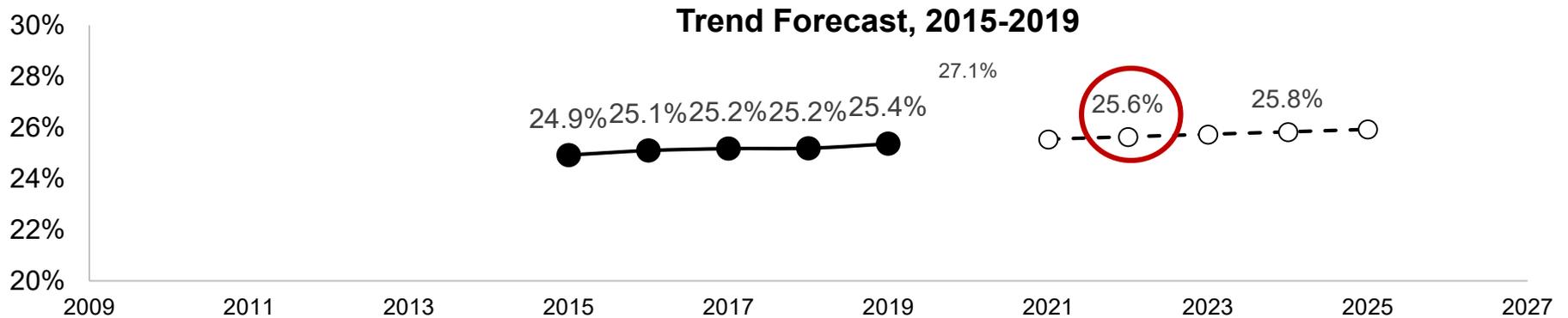
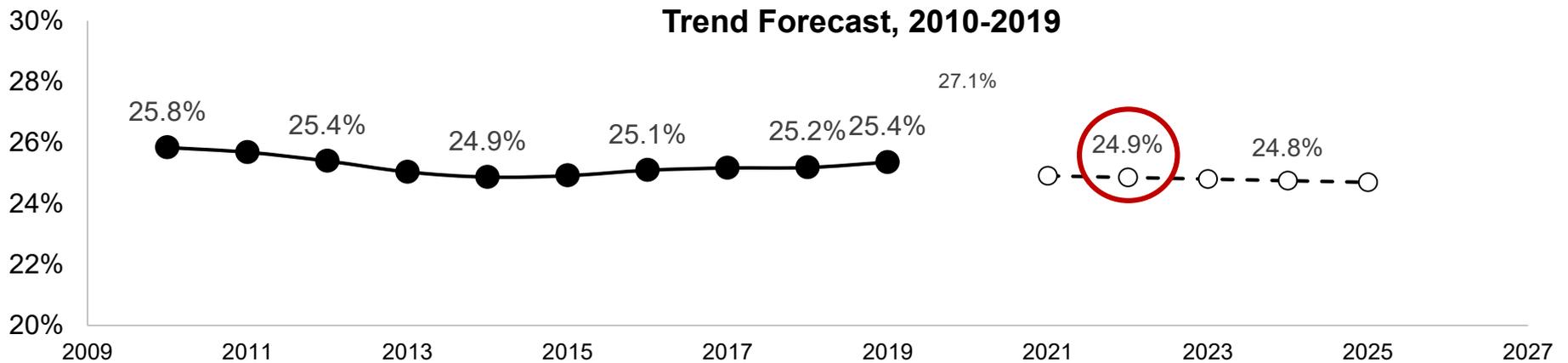


Non-SOV Travel: Baltimore UZA Performance

Data Source: US Census ACS



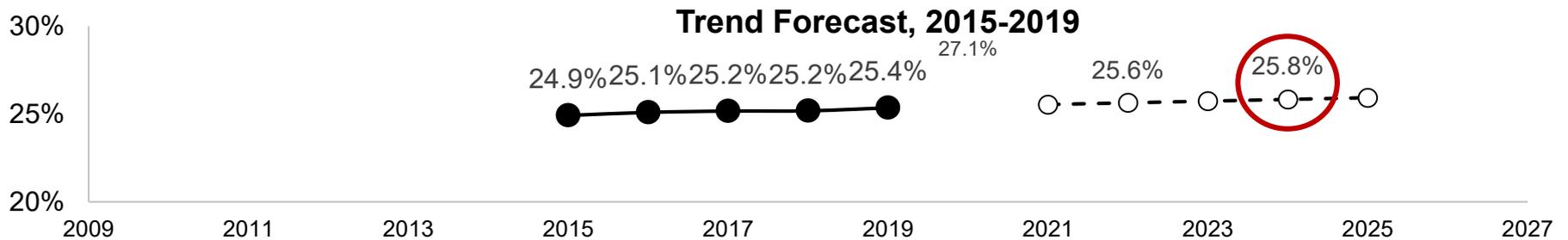
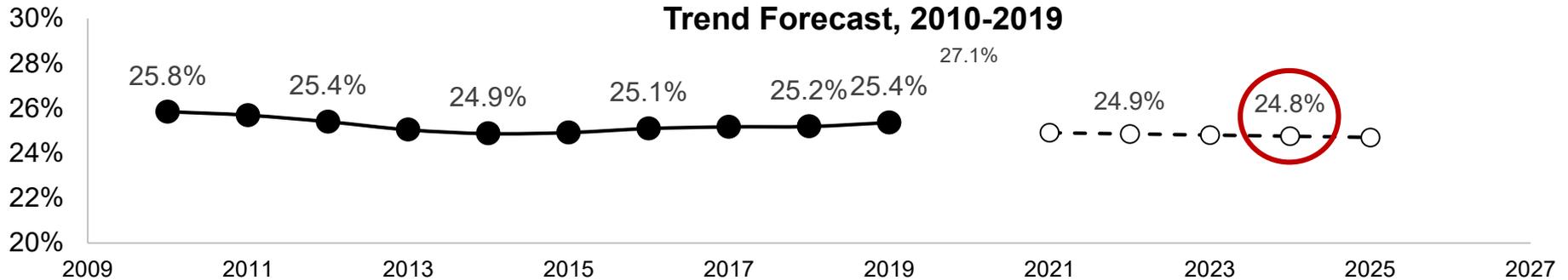
Non-SOV Travel: Baltimore UZA, 2-Year



Omit 2020 and look at both long-term trend (2010-2019) and nearer-term trend (2015-2019). Take the average of the 2022 estimates for each forecasted trend.

2-Year Target: 25.3%

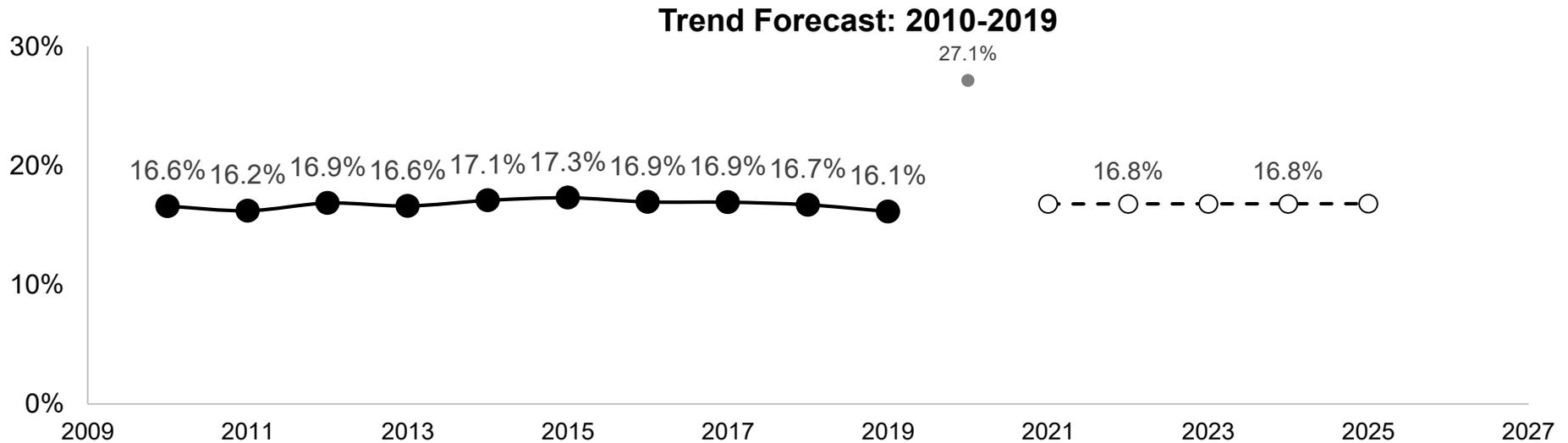
Non-SOV Travel: Baltimore UZA, 4-Year



Omit 2020 and look at both long-term trend (2010-2019) and nearer-term trend (2015-2019). Take the average of the 2024 estimate for each (25.3%) and add a slight improvement to reflect longer term regional goals.

4-Year Target: 25.5%

Non-SOV Travel: Aberdeen UZA, 2 and 4-Year



Omit 2020 and look at the long-term trend (2010-2019) since population, employment, and non-SOV trends have all been very stable over time.

2-Year Target: 16.8%

4-Year Target: 16.8%

PHED: Baltimore UZA Performance

Target: The system should have a PHED per capita less than 22.6h annually (1.883h for each month)



Year's Performance

2017

19.7h

2018

21.5h

2019

20.6h

2020

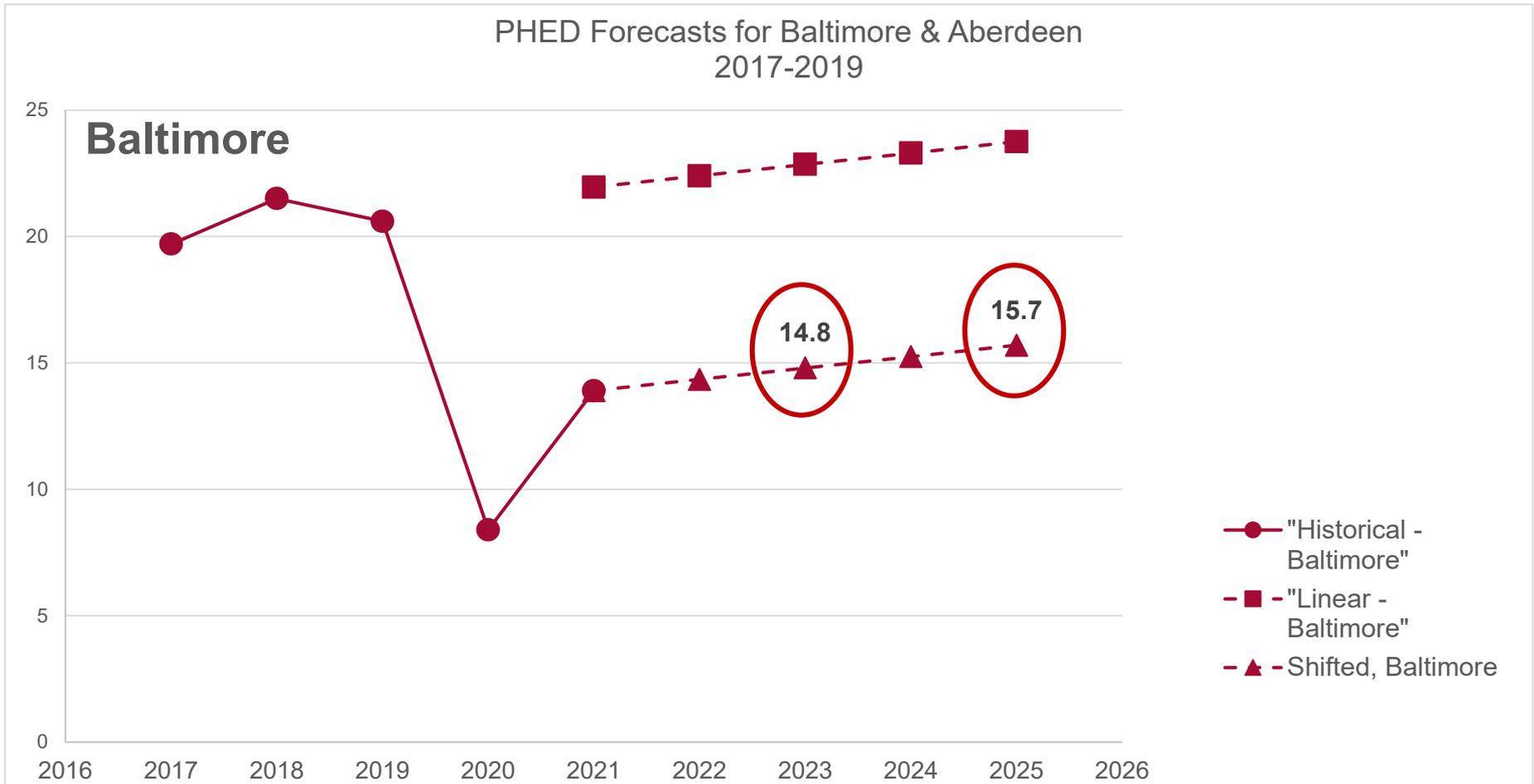
8.4h

2021

13.9h

Data Source: RITIS

PHED: Baltimore UZA, 2 and 4-Year

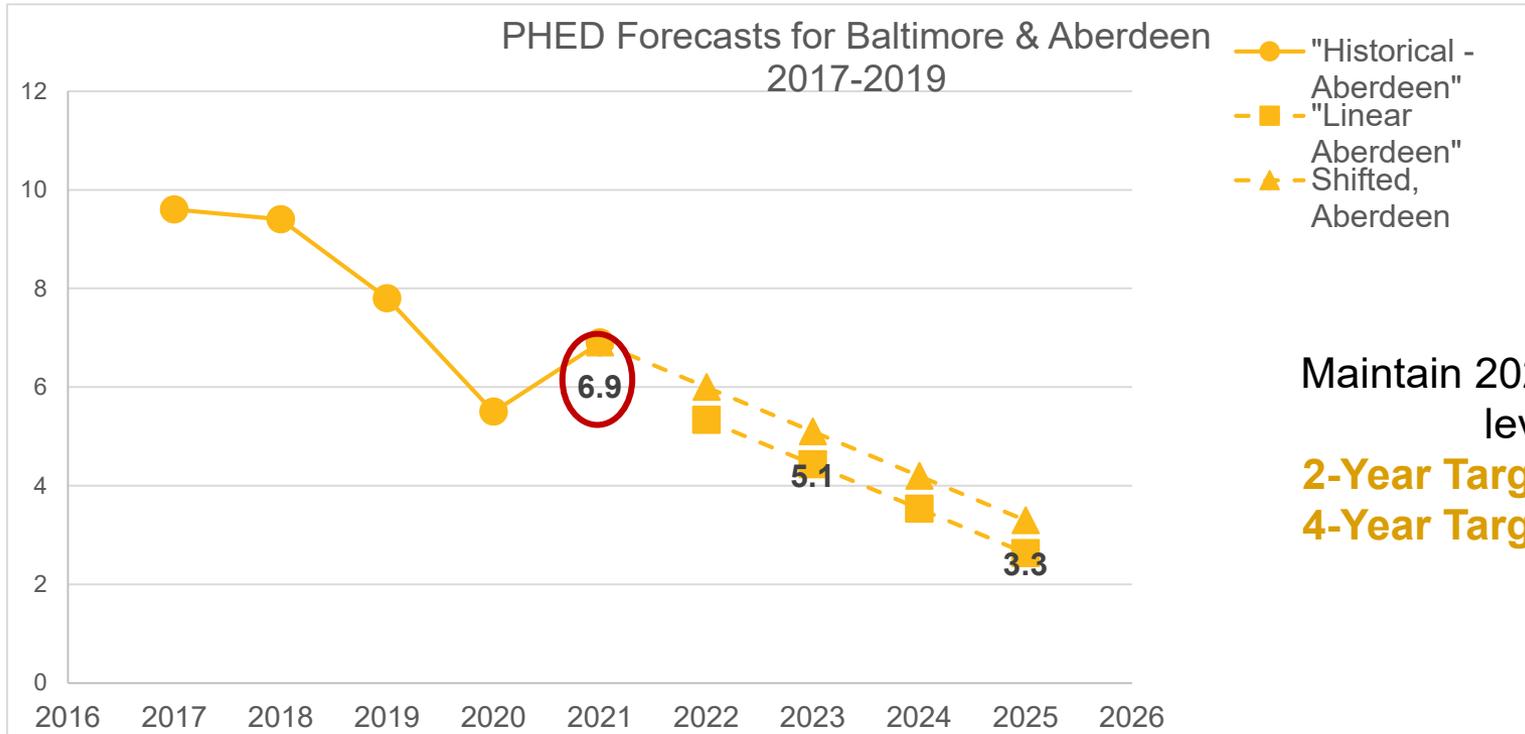


Omit 2020 and assume pre-pandemic trends will continue from current performance level. This means the slope of the pre-pandemic trend is shifted to start at observed 2021 levels.

2-Year Target: 14.8 hours

4-Year Target: 15.7 hours

PHED: Aberdeen UZA, 2 and 4-Year



Maintain 2021 congestion levels.

2-Year Target: 6.9 hours

4-Year Target: 6.9 hours



DRAFT 2022 Milestone Dates



Task	Target Date
ICG and TC review Congestion Targets and methodology, and draft Performance Report and Plan	July
ICG and TC endorse targets, Performance Report, and Plan	August
BRTB endorse targets, Performance Report, and Plan	August
BMC submit Performance Report and Plan to MDOT	Late August

For More Information

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