

MDOT 2050 Maryland Transportation Plan (MTP) & Attainment Report Advisory Committee (ARAC)

BRTB Meeting – May 23, 2023



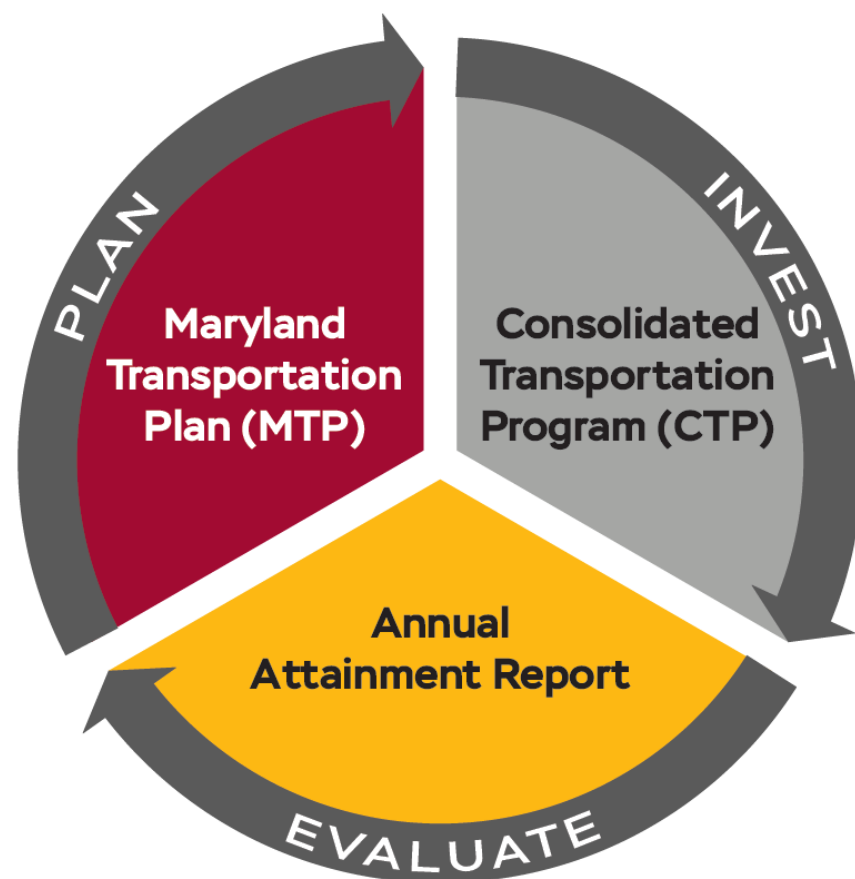


Maryland Transportation Plan (MTP)

- **MDOT is developing the 2050 MTP – due by January 2024.**
 - Federal/state requirement
 - 20-year long range transportation plan (updated every 5-years) through a public participation process to address current and future challenges.
 - Is a policy-based long-range plan (vs. a project-based plan).
- Guides statewide policy and transportation investment decisions.
- The Bicycle and Pedestrian Master Plan is also being updated at the same time (per state statute).

What is the State Report on Transportation?

The MDOT State Report on Transportation is a State legislatively required annual report on transportation, submitted each year on the third Wednesday in January to the Maryland General Assembly. It contains three important documents: the Maryland Transportation Plan (MTP), the Consolidated Transportation Program (CTP), and the annual Attainment Report (AR) on Transportation System Performance.



PLAN

The MTP is MDOT's long-range vision for transportation.

INVEST

The CTP presents detailed listings and descriptions for the capital projects proposed for construction or development and evaluation.

EVALUATE

*The annual **Attainment Report on Transportation System Performance** evaluates and reports on the performance of Maryland's transportation system, focusing on the goals adopted in the MTP.*

The State Report on Transportation



Consolidated
Transportation Program,
six-year capital budget



Maryland Transportation
Plan (MTP), 20-year long-
range transportation plan



Annual
Attainment Report
(AR) on
Transportation
System
Performance

Governor's Attainment Report Advisory Committee (ARAC)





2050 MTP AR Advisory Committee

- The Governor's Attainment Report Advisory Committee (ARAC) on Transportation Goals, Benchmarks and Indicators
 - is convened every 5 years when MDOT develops a new statewide long-range transportation plan (MTP).
 - Purpose: to advise MDOT on the selection of performance measures and targets to be included in the Annual Attainment Report on Transportation System Performance (AR)
- The ARAC will also be asked to weigh in on the 2050 MTP draft guiding principles, goals, and outcomes, as well as performance measures
- ARAC meetings are scheduled for: May 23, June 8, June 20 and July 11 (all virtually at 1 pm).

ARAC Members

Alexander Austin, Business Prince George's County Chamber of Commerce	Derrick Waters, Disabled Citizens US Treasury IRS	Robert A. Holsey, Jr., Construction Industry International Union Of Operating Engineers Local 37
Ben Groff, Transit Users MTA Citizens Advisory Committee, Chair Red Line Now PAC Chair	Gustavo Torres, Immigrant Community Executive Director, CASA Maryland	Sheila Somashekhar, Transit Users University of Maryland Purple Line Coalition
Brian Patrick Wivell, Transportation Labor Maryland State & DC AFL-CIO, Legislative & Political Director	Jacqueline Allsup, NAACP Vice President, Maryland State NAACP	Shima Hamidi, Health Equity Johns Hopkins University Environmental Health & Engineering
Charlotte Davis, Rural Interests Rural Maryland Council	Jaime McKay, Transit Users Transit Services Division, Frederick County	Dr. Ting Ma, Transportation Performance Management TRB Standing Committee on Performance Management
Chester Harvey, Pedestrian/Bicyclists National Center for Smart Growth, University of Maryland	Lindsey Mendelson, Environmental Advocacy Sierra Club Maryland	Valdis Lazdins, Planning Assistant Secretary, Maryland Department of Planning
Deborah Price, Maryland Counties Demographic Planner, Harford County	Louis Campion, Goods Movement Industry Maryland Motor Truck Association	
Dennis Enslinger, Maryland Municipalities Gaithersburg Deputy City Manager	Dr. Mansoureh Jeihani, Transportation Demand Management Morgan State University	

** More information can also be found on www.mdot.Maryland.gov/ARAC*

MDOT 2050 Maryland Transportation Plan (2050 MTP)



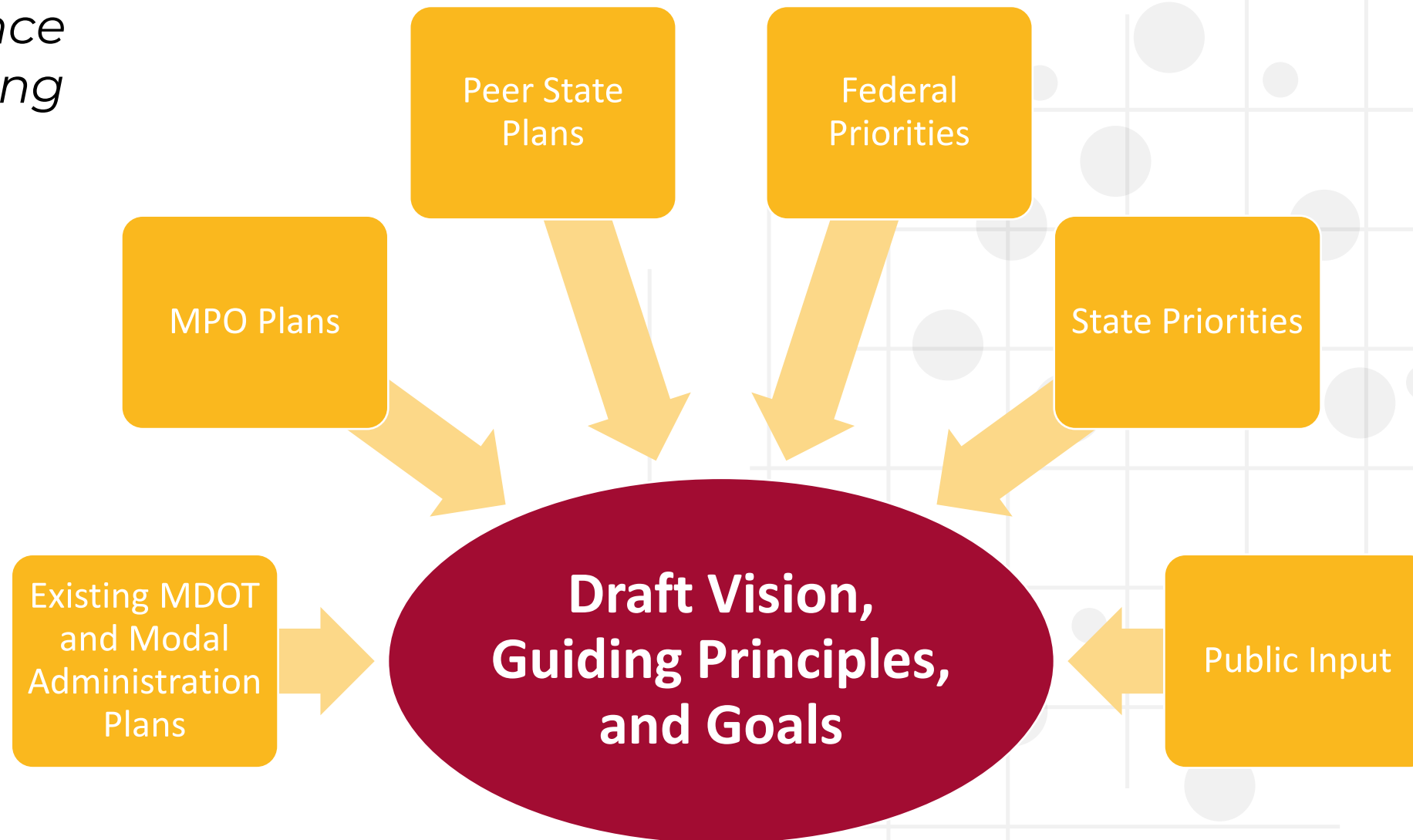


Phase 1 MTP – Summer - Winter 2022

- **Best Practice Assessment** of Statewide Long-Range Transportation Plans
 - Similar state DOTs, Multimodal, IIJA Assessments, Online Dashboards, multimodal, etc.
- **Plan Assessment**
 - Comparing all MDOT/MPO transportation plans (goals, objectives, strategies, performance measures, etc.)
 - Link Plan goals and objectives to programming/performance, including highlighting key corridors, indicating region issues/needs
 - Provide a summary of the IIJA and identify sections of the MTP that address IIJA requirements in the Appendix
 - Create a user-friendly, engaging, and dynamic MTP with graphics, short MTP document, interactive website, interactive public comment tool, interactive maps, etc.
- **Existing Trends and Conditions**

Overview - Inputs to the 2050 MTP

*The importance
of collaborating
and
coordinating
with our
partners!*



The MTP provides a framework for statewide goals and objectives

The MTP informs, and is informed by, various multimodal plans and reports across MDOT, which is the MDOT “Family of Plans.”

- *Not all plans represented*



- [WMATA Strategic Transformation Plan](#) (2023)



- **Strategic Plan**



- **Transportation Asset Management Plan**
- **Transportation Systems Management and Operations (TSMO) Strategic Plan**
- **Pedestrian Safety Plan**



- **Maryland Statewide Transit Plan**
- **Central Maryland Regional Transit Plan**



- [MDOT MTA Draft Transit Plan](#) (2022)
- [MDOT MTA Strategic Plan](#) (2020)
- [MDOT PROTECT PLAN](#) under development (2023)



- **MDOT MAA Strategic Plan**



- **Maryland Consolidated Transportation Program**
- **Maryland's Annual Attainment Report on Transportation System Performance**
- **State Freight Plan**
- **Maryland State Rail Plan**
- **Maryland Strategic Asset Management Plan**
- **Maryland Bicycle and Pedestrian Master Plan**
- **Carbon Reduction Strategy**



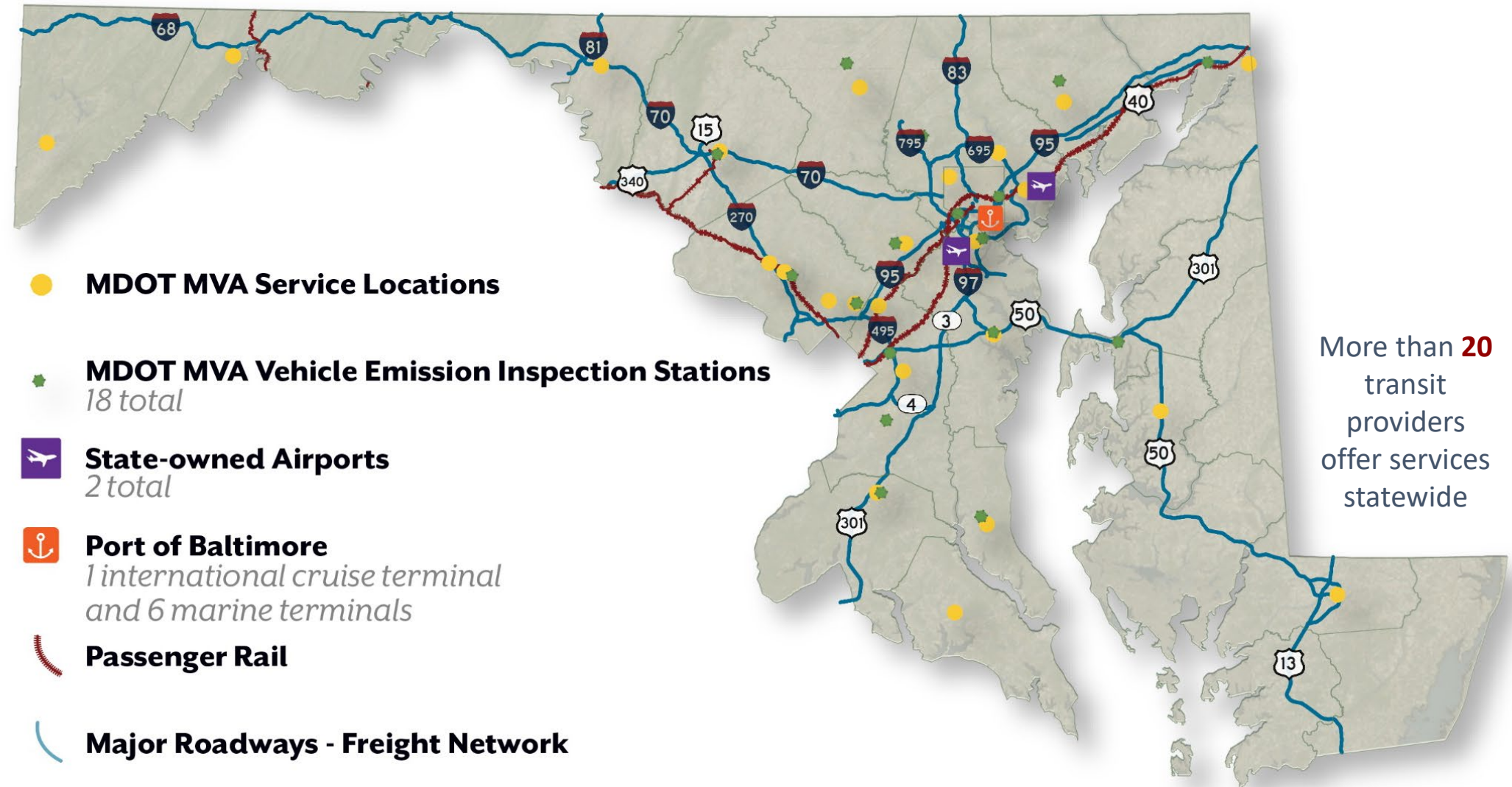
- **MDOT MVA Strategic Plan**
- **Maryland Strategic Highway Safety Plan**
- **Maryland Connected and Automated Vehicle Strategic Framework**



- **MDOT MPA Strategic Plan**



Phase 1 MTP - Existing Conditions, Trends & Challenges



182

Million square yards of roadway, airfield, and parking pavement

1,284

Customer, operations and maintenance, and administrative buildings

6,189

Revenue and non-revenue producing vehicles and equipment

10,311

Structures

647

Miles of passenger and freight rail

196

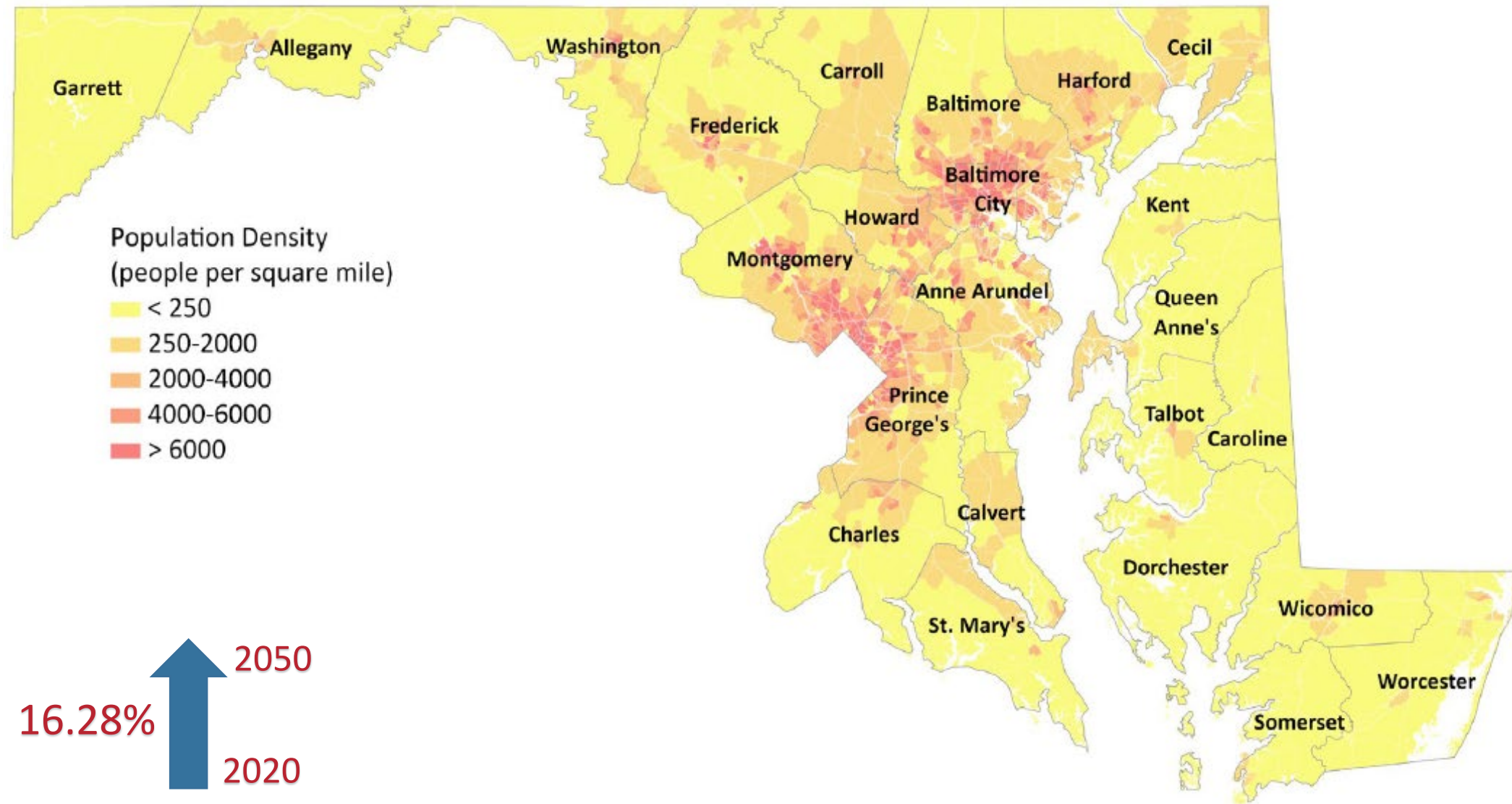
Major IT Systems

19.6

Miles of road and rail tunnels

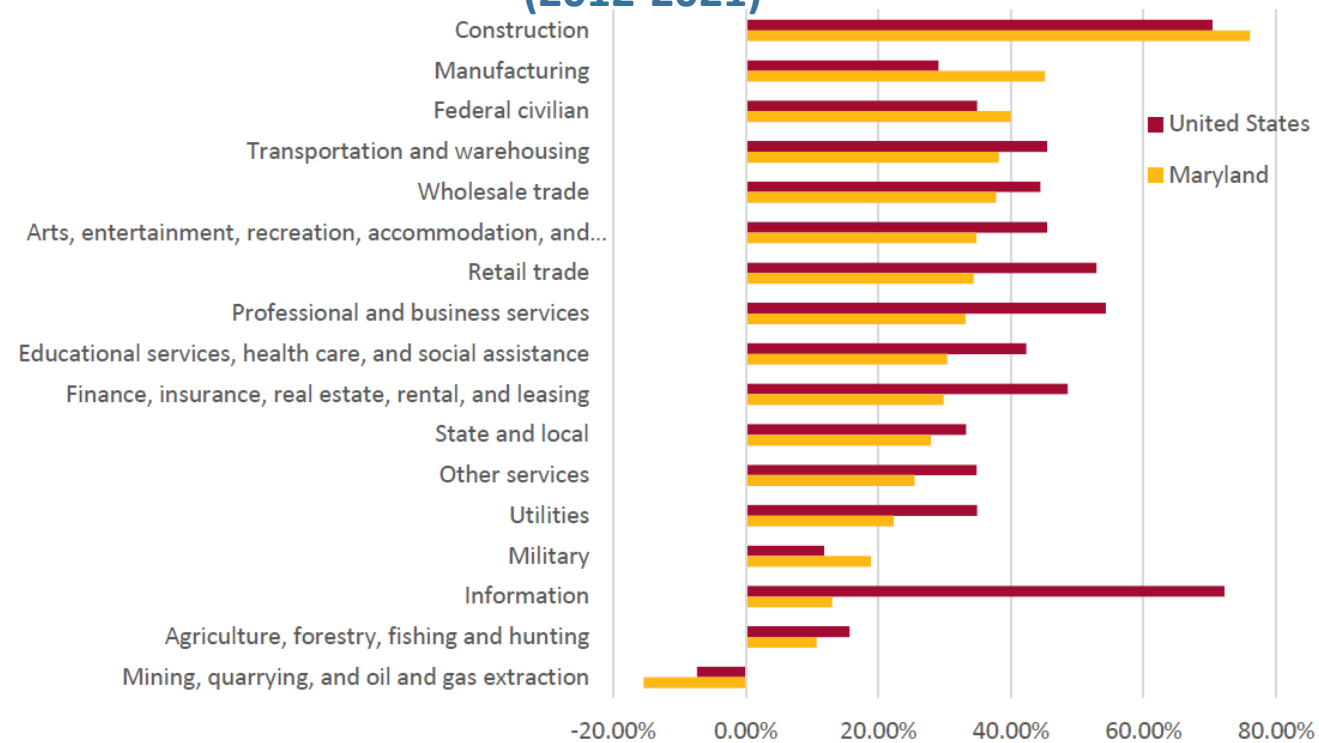
Maryland's Population

- Population is densest in Central Maryland
- Marylanders are getting older and make up a higher percentage of the population in non-urban areas
- Outside of Baltimore City, the highest poverty rates are concentrated in Western Maryland and Eastern Shore
- Population is projected to grow +16.28% by 2050



Maryland's Economy

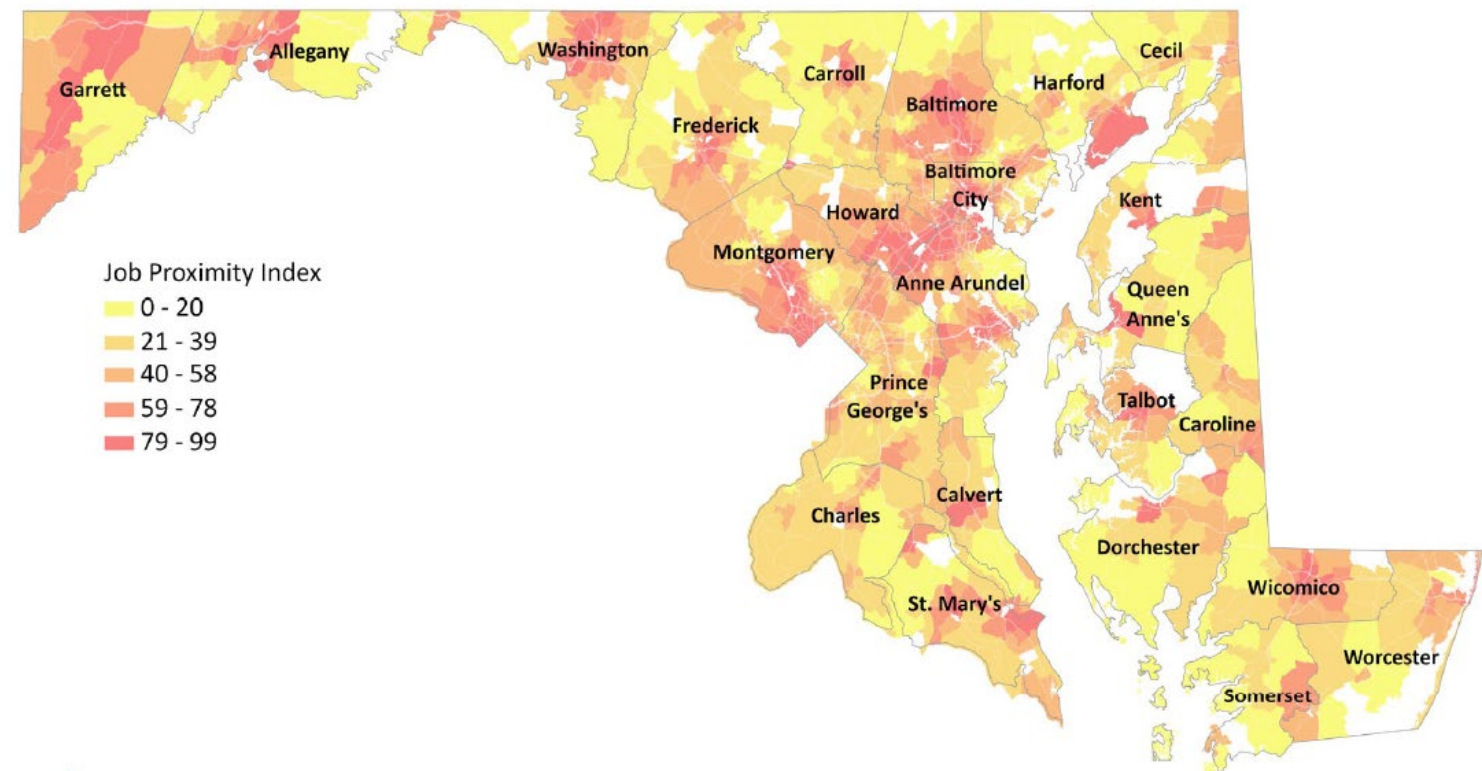
Real Gross State Product Growth in Maryland vs US by Sector
(2012-2021)



Maryland's economy is dominated by **services and government sectors**

Maryland's employment is concentrated in a few key locations near major cities and transportation arteries

Job Proximity Index (2021)



Maryland's Transportation Challenges



- Public Health
- Equity
- Transportation Demand Management
- Shared Mobility
- E-Commerce
- Disconnected transportation and land use plans
- Environment
- Electric Vehicles
- Telework
- Connected and Automated Technology
- Aging Population
- Support for Distressed Economic Regions

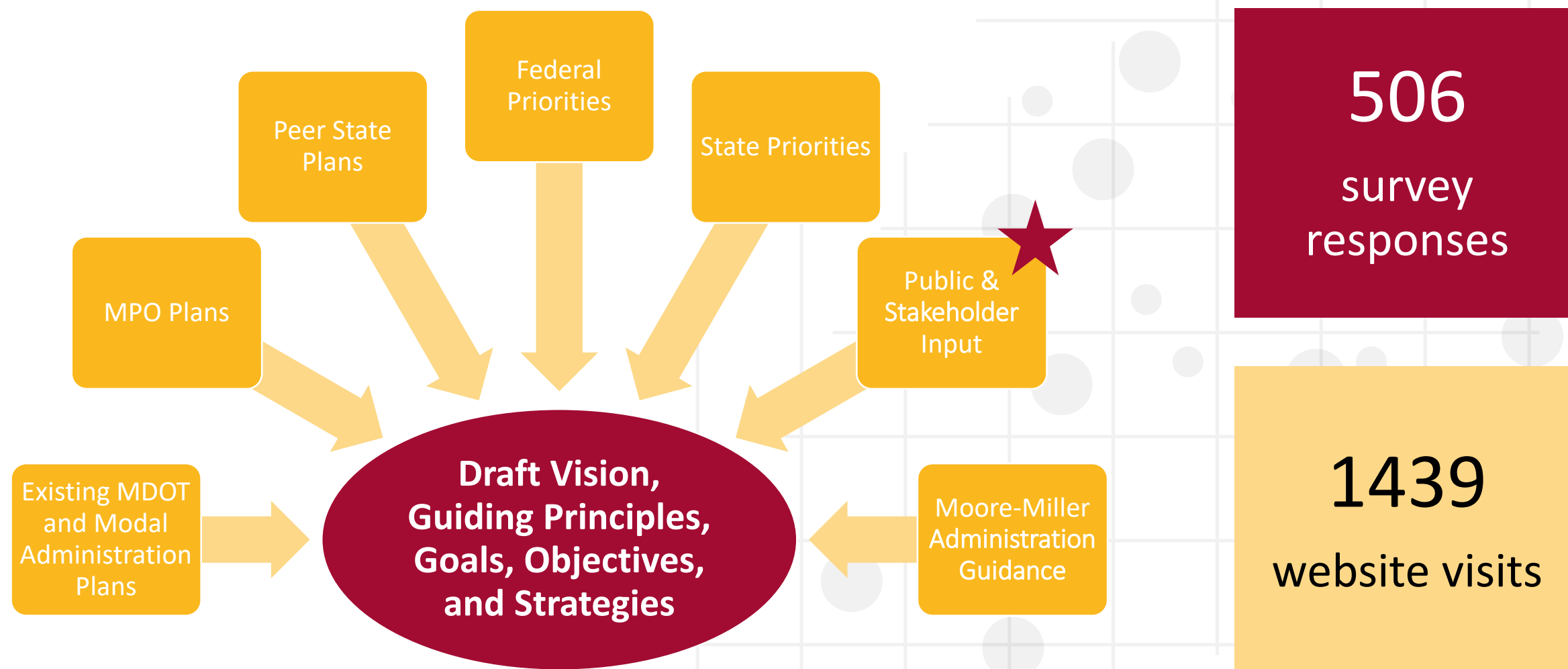




Phase 2 MTP – Winter/Spring 2023

- Draft Vision, Guiding Principles, Goals, Objectives
 - Internal MDOT
 - External public survey
 - Share with Attainment Report Advisory Committee (ARAC)
- Assess Future Needs, Revenues, Gaps (20-year assessment)
- Strategy Assessment
- Performance measurement evaluation
 - Share with Attainment Report Advisory Committee (ARAC)
- Public engagement
 - Survey(s)

Inputs to the Draft Strategic Direction



Proposed Guiding Principles

Guiding principles align stakeholder missions, values, and capabilities with the overall vision.



Equity: *Integrate equity considerations in all aspects of transportation planning, programming, and operational processes.*

Resilience: *Improve the transportation system's ability to provide reliable service throughout natural weather events and man-made threats.*

Preservation: *Preserve the condition of the existing transportation system assets to provide safe and efficient movement.*

Modernization: *Transform the transportation system by using proven technological improvements and exploring innovative new ideas.*

Experience & Engagement: *Improve the experience of all transportation system users.*



Proposed Goals

Goals are broad statements with desired results that reflect the overall MDOT mission statement.



Safety and Security: *Protect the safety and security of all residents, workers, and visitors.*

System Quality: *Deliver a reliable, high-quality transportation system.*

Environmental Stewardship: *Minimize and mitigate environmental impacts throughout the transportation system.*

Serving Communities and the Economy: *Expand transportation options to allow Maryland's diverse communities to access opportunities.*



Survey #2

- Survey #2 will be focusing on transportation needs, key outcomes of the 2050 MTP, and investment priorities
- Survey #2 anticipated in June 2023
 - Input on key outcomes
 - Identification of needs/priorities (on a map)
 - Coin/funding exercise of modal priorities/needs
- The AR Advisory Committee will provide guidance and advise related to the goals and the performance measures and indicators to reach those goals.



Phase 3 MTP – Summer/Fall 2023

- Develop Draft Plan – early to mid summer
- **Release Draft Plan for Public Review – late summer/early fall**
 - Public engagement will include:
 - Webinar/survey(s)
 - Fall CTP County/City Tour meetings
 - FHWA/FTA review of draft
 - MPO review of draft
- Final Plan – December/January
- Submit Final 2050 MTP with the State Report on Transportation
 - January 2024

Proposed Development Timeline



Timeline: with public outreach, surveys, draft plan review, etc.



Thank you!