Data and Tools
for Land Use Planning

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Presentation to Chesapeake Bay Program Local Leadership Workgroup

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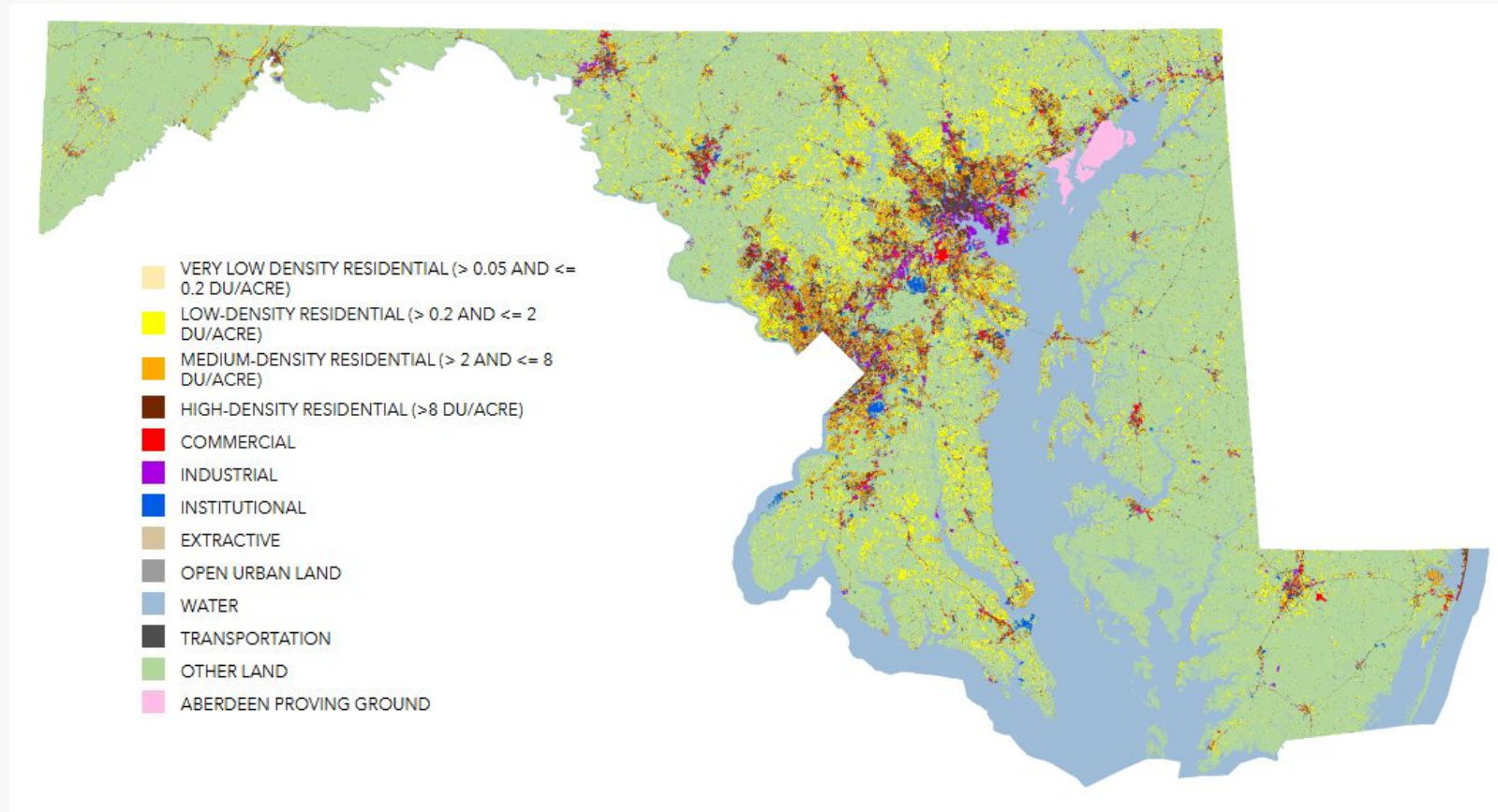DEPARTMENT OF PLANNING

Local Planning in Maryland

► County and municipal planning and zoning authority

► Areas planned for growth and conservation inform:

  ■ Zoning

  ■ Infrastructure planning

  ■ Development

► Guiding principles

► Data & Models and Guidelines for Implementation
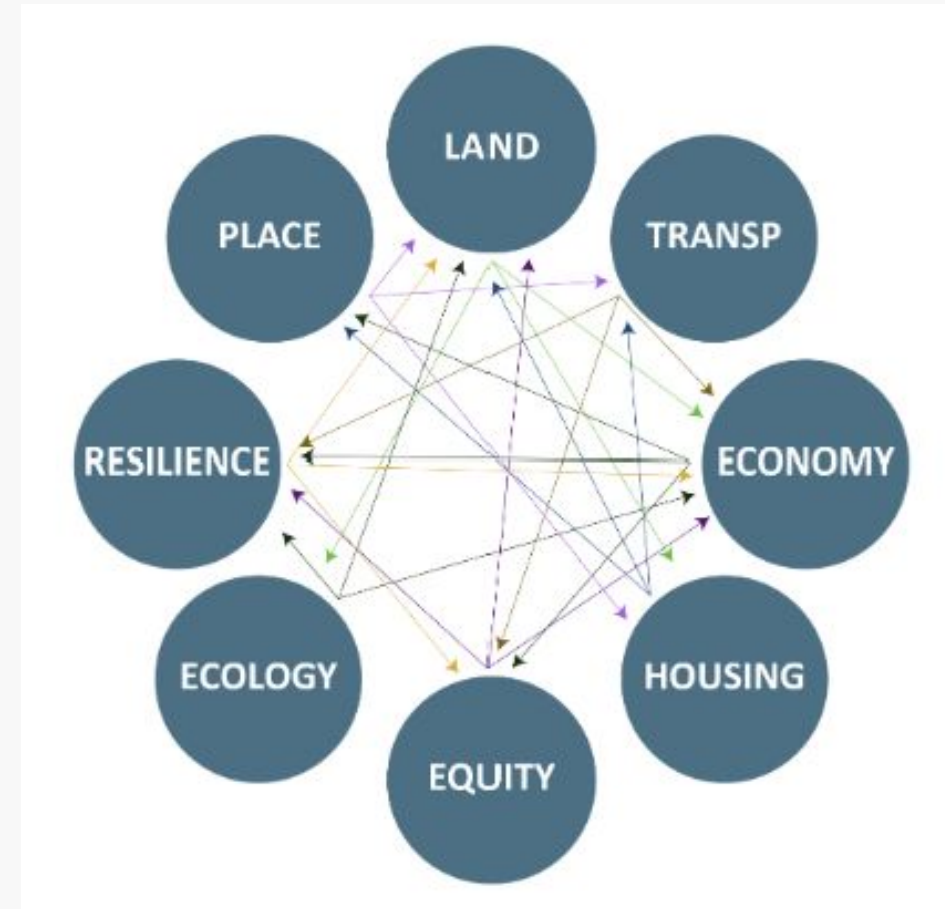
New Sustainable Growth Policy and Planning Principles

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Land Principle

*Optimize productivity of **working landscapes**, including **farms** and **forests**, and **fisheries**, and prioritize **development** within population centers that are in proximity to existing infrastructure and facilities.*

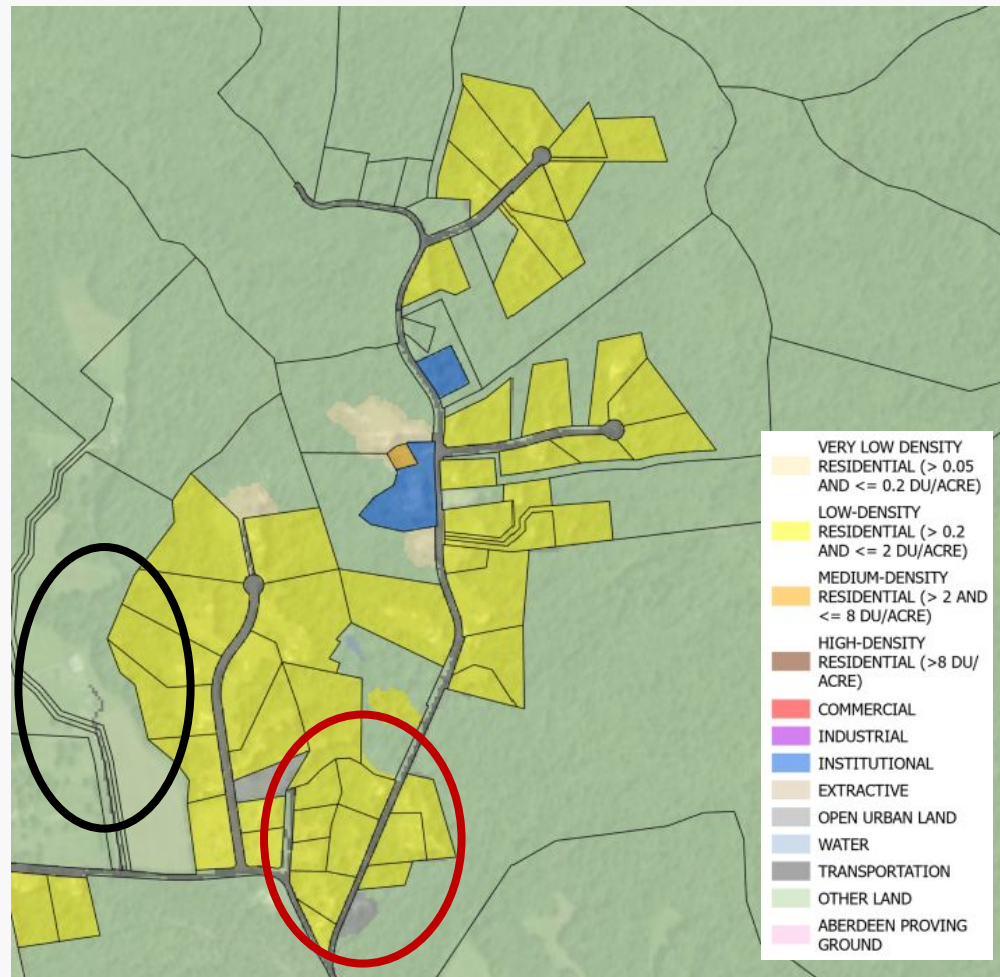*Maryland Department of Planning Statewide Land Use Map*

Statewide Input Data

A Comparison Between MDP and CBP Land Use

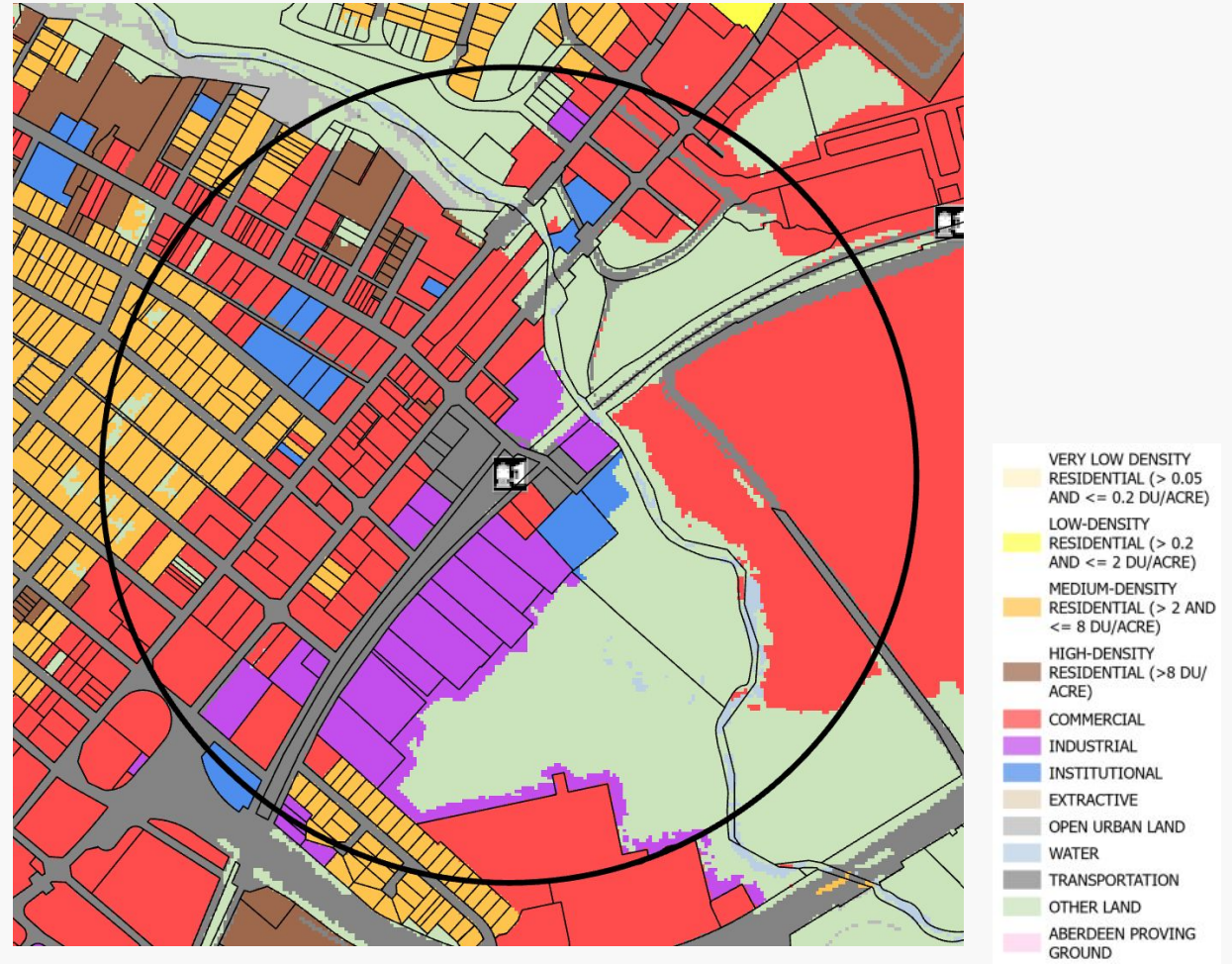*MDP Land Use*
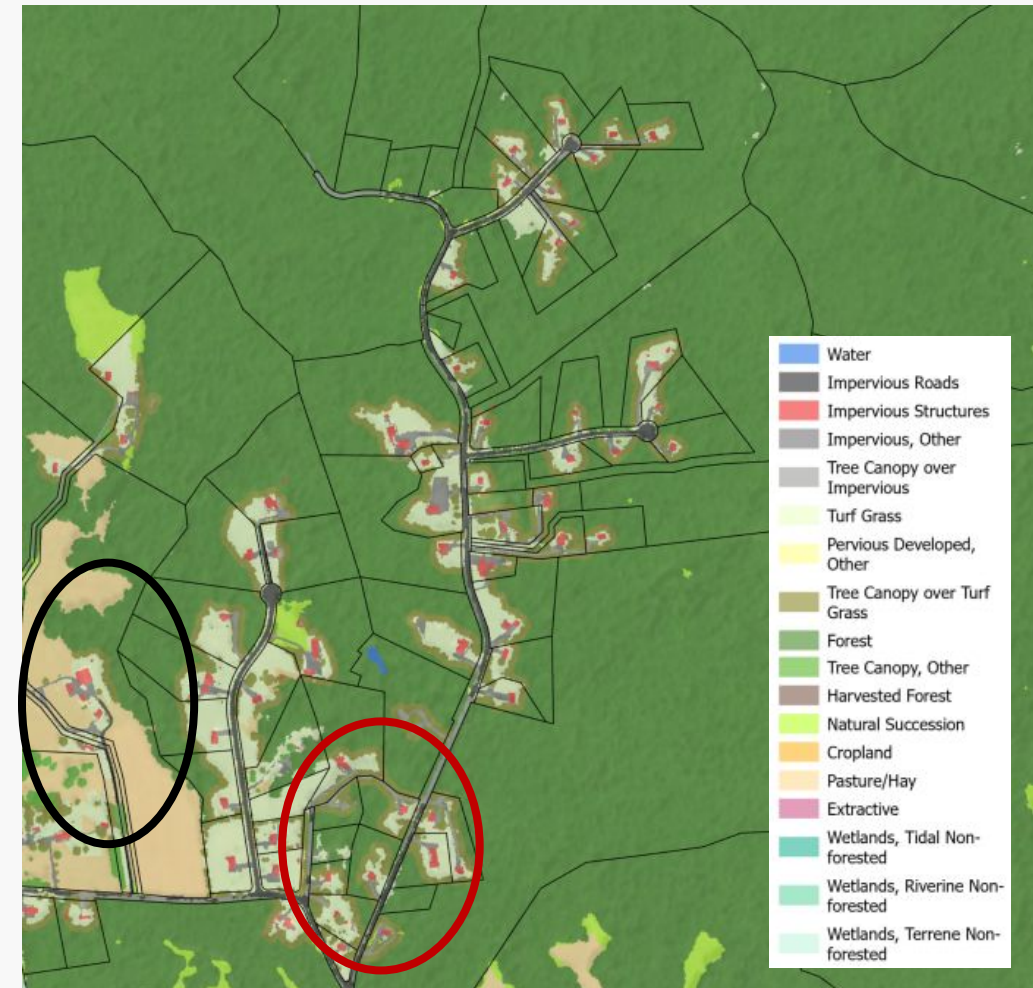
CBP Land Use (2022 Edition)

Use Cases

- Map existing developed and undeveloped areas

- Rate of rural to urban land conversion

- Identify opportunities for greenfield development, infill and redevelopment

- Is there capacity for projected household growth in targeted areas?

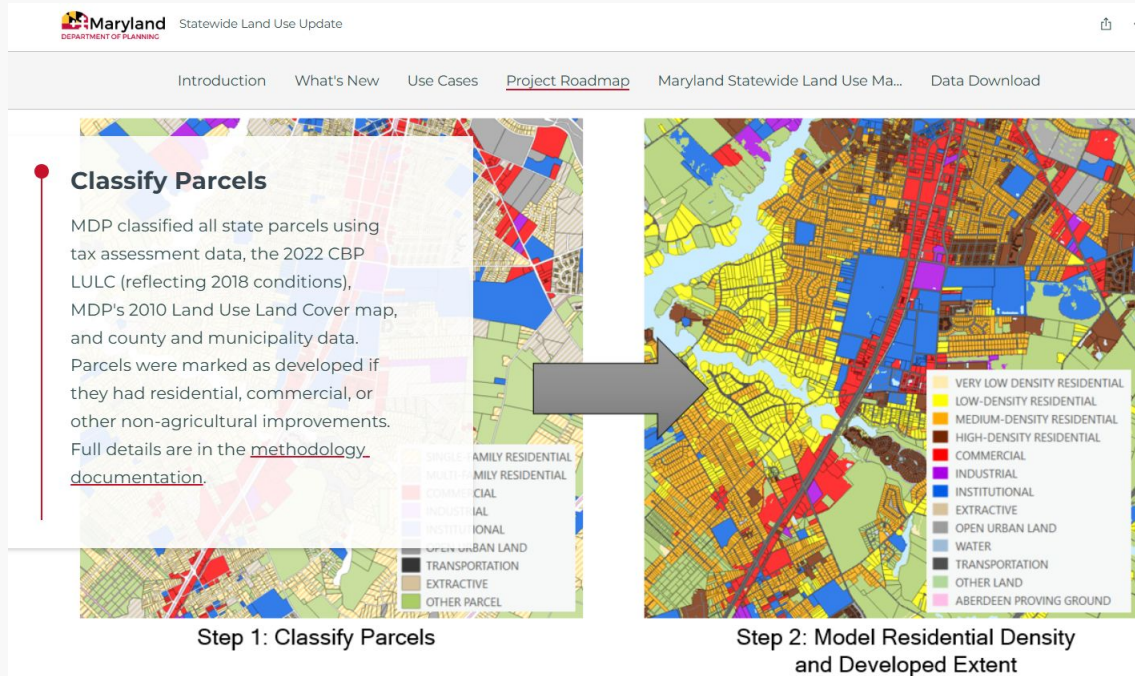- Will existing and proposed development pattern support transit and other infrastructure?

Existing development near transit stations

VERY LOW DENSITY RESIDENTIAL (> 0.05 AND <= 0.2 DU/ACRE)
LOW-DENSITY RESIDENTIAL (> 0.2 AND <= 2 DU/ACRE)
MEDIUM-DENSITY RESIDENTIAL (> 2 AND <= 8 DU/ACRE)
HIGH-DENSITY RESIDENTIAL (>8 DU/ACRE)
COMMERCIAL
INDUSTRIAL
INSTITUTIONAL
EXTRACTIVE
OPEN URBAN LAND
WATER
TRANSPORTATION
OTHER LAND
ABERDEEN PROVING GROUND

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Data & Tools

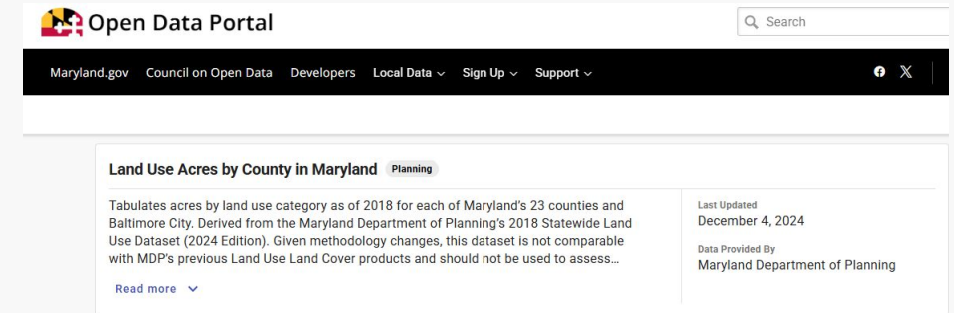## ArcGIS Story Map

Statistics by County

Web Viewer

Data Download with Symbology

📁 MD_LandUse.zip

GIS Web Service

https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD_LandUse/MapServer

https://planning.maryland.gov/Pages/OurWork/GDA/Land-Use/statewide-land-use-map.aspx

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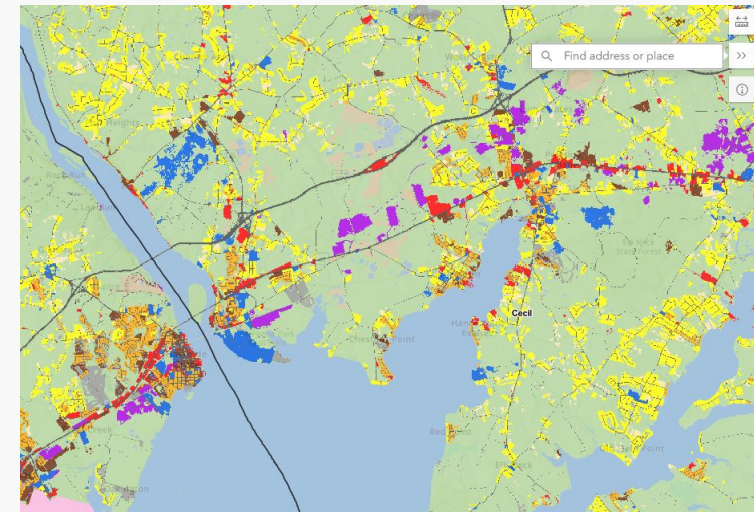
Transit Station Area Profile Tool

https://maryland.maps.arcgis.com/apps/MapSeries/index.html?appid=5cc549f158954c259658a55ceadfdc6b
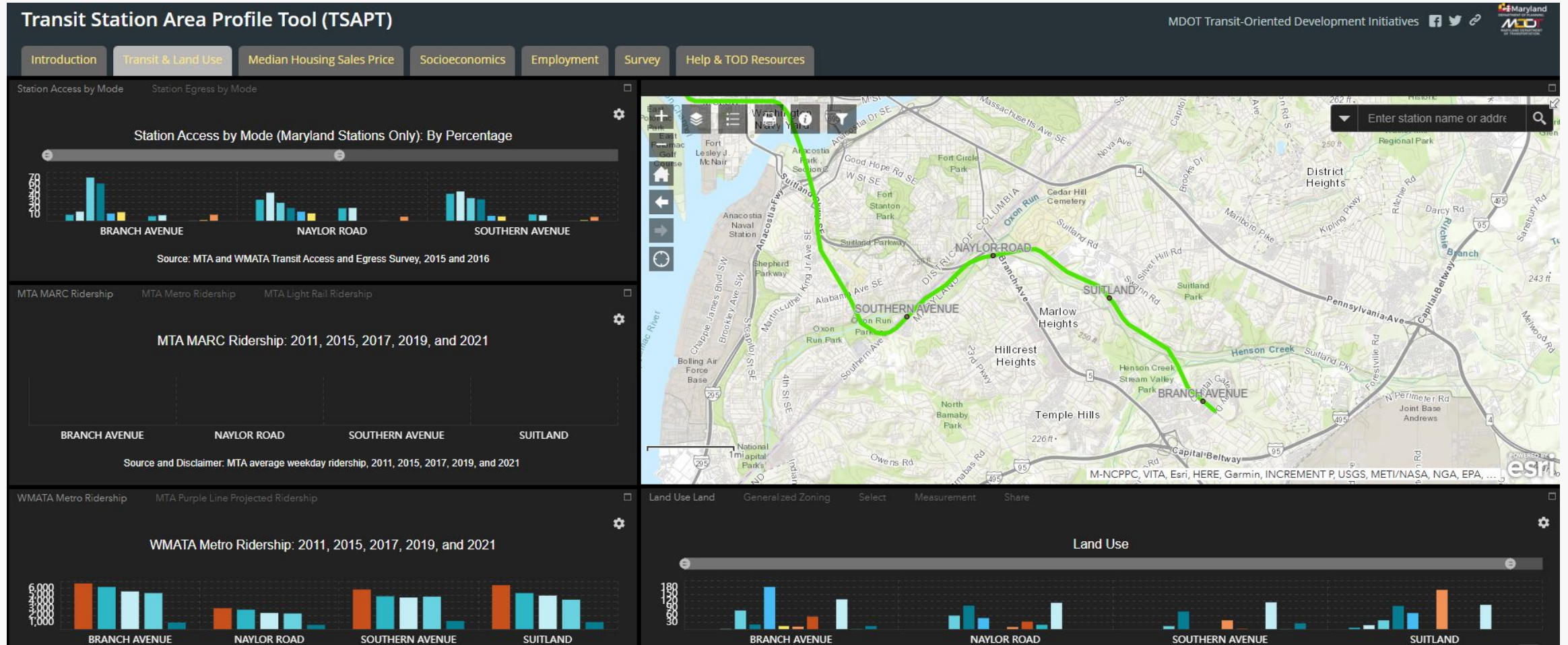
Housing Principle

*Enable a mix of **quality housing types** and **affordability** options to accommodate all who want to live in the state.*

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Housing Dashboard

https://apps.planning.maryland.gov/hb1045/index.html

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Summary

Centralized Data and Tools

Flexible Guidance/Options for Leveraging Data and Tools

Collect and Share Best Practices and Feedback

Respond to Rapidly Evolving Data Environment

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Thank You

For more information, please contact us!

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