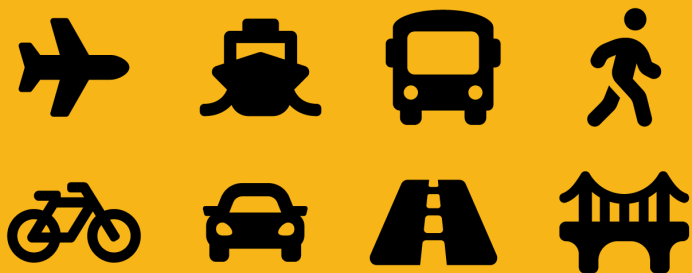




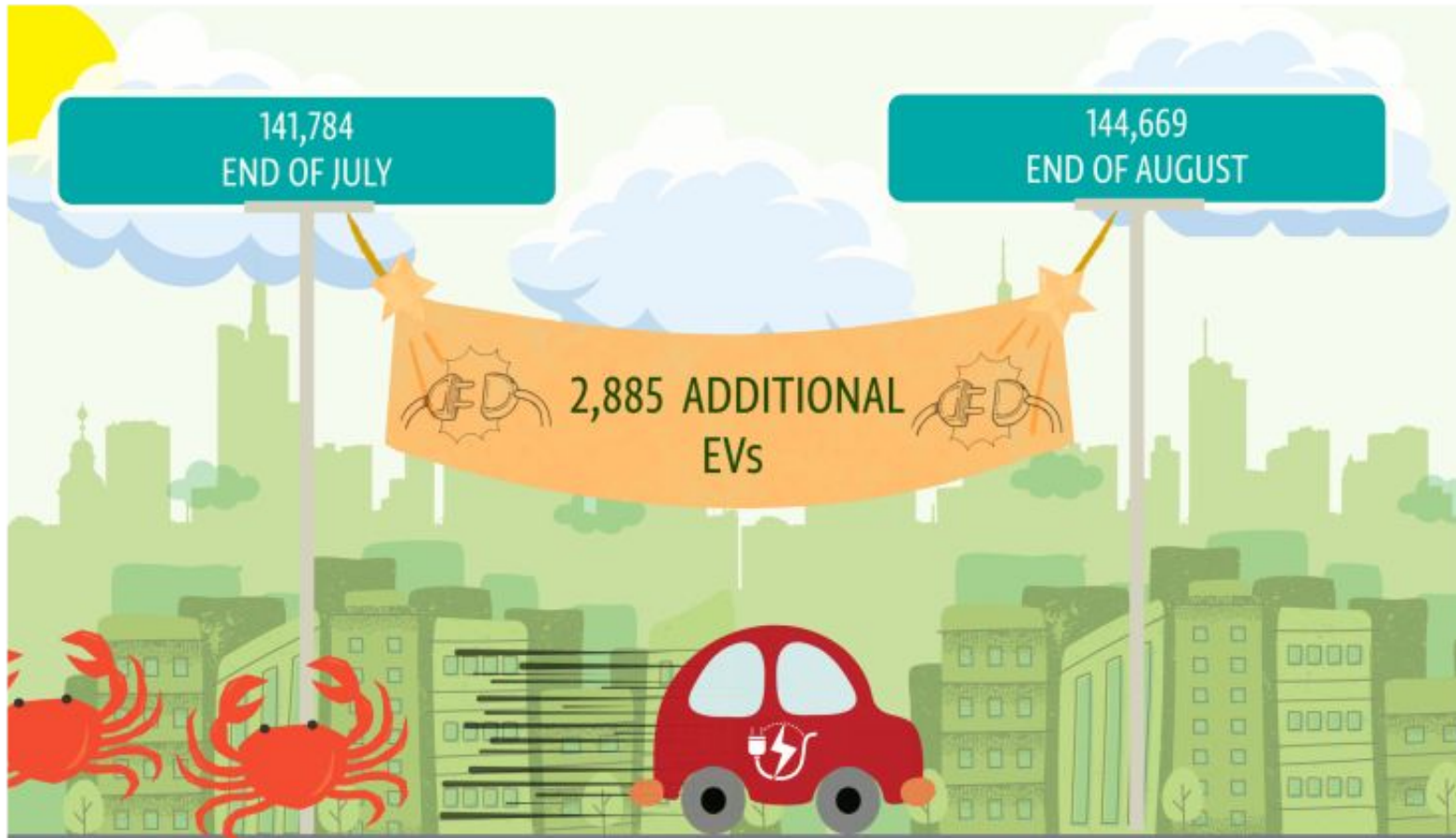
ACCII/ACT Workgroup: EV Infrastructure

Joe McAndrew

Assistant Secretary
Maryland Department of
Transportation



Snapshot: Maryland Registration August 2025



Maryland By the Numbers*:



144,669
Registered EVs



23.5
EVs per 1,000 people



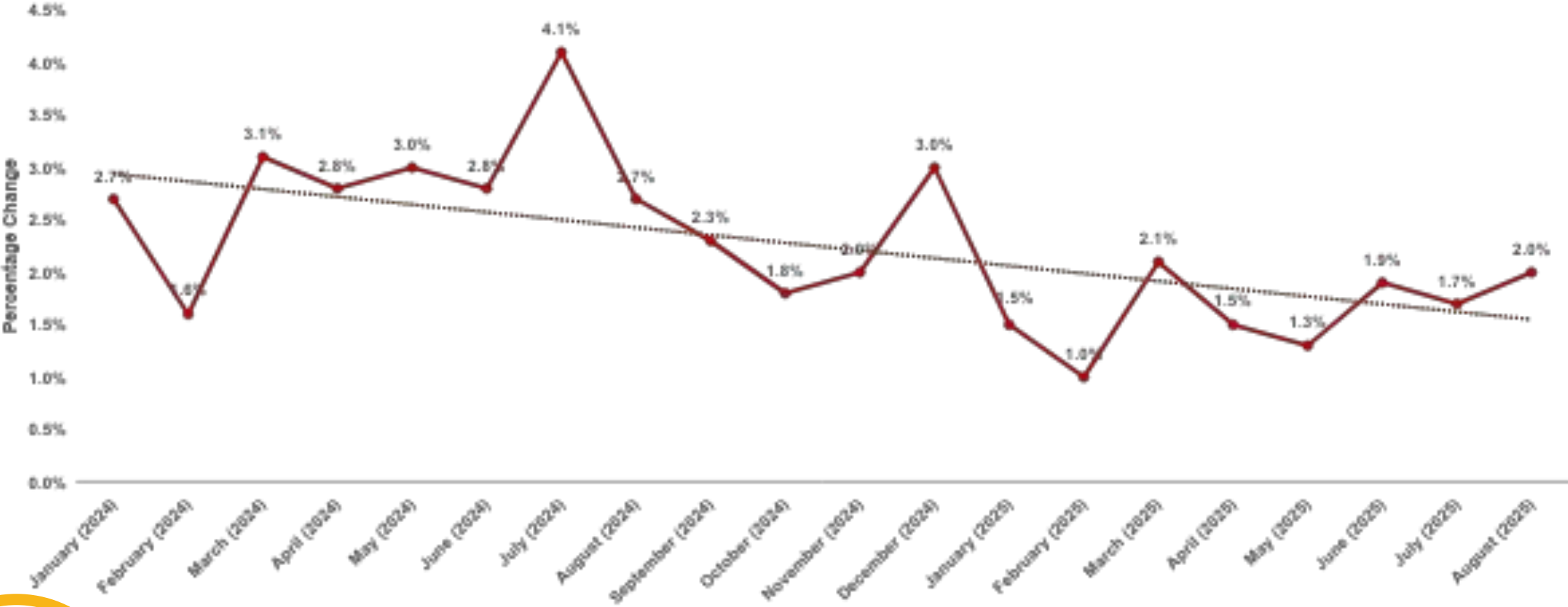
1,712
Charging
Stations

5,336
Ports

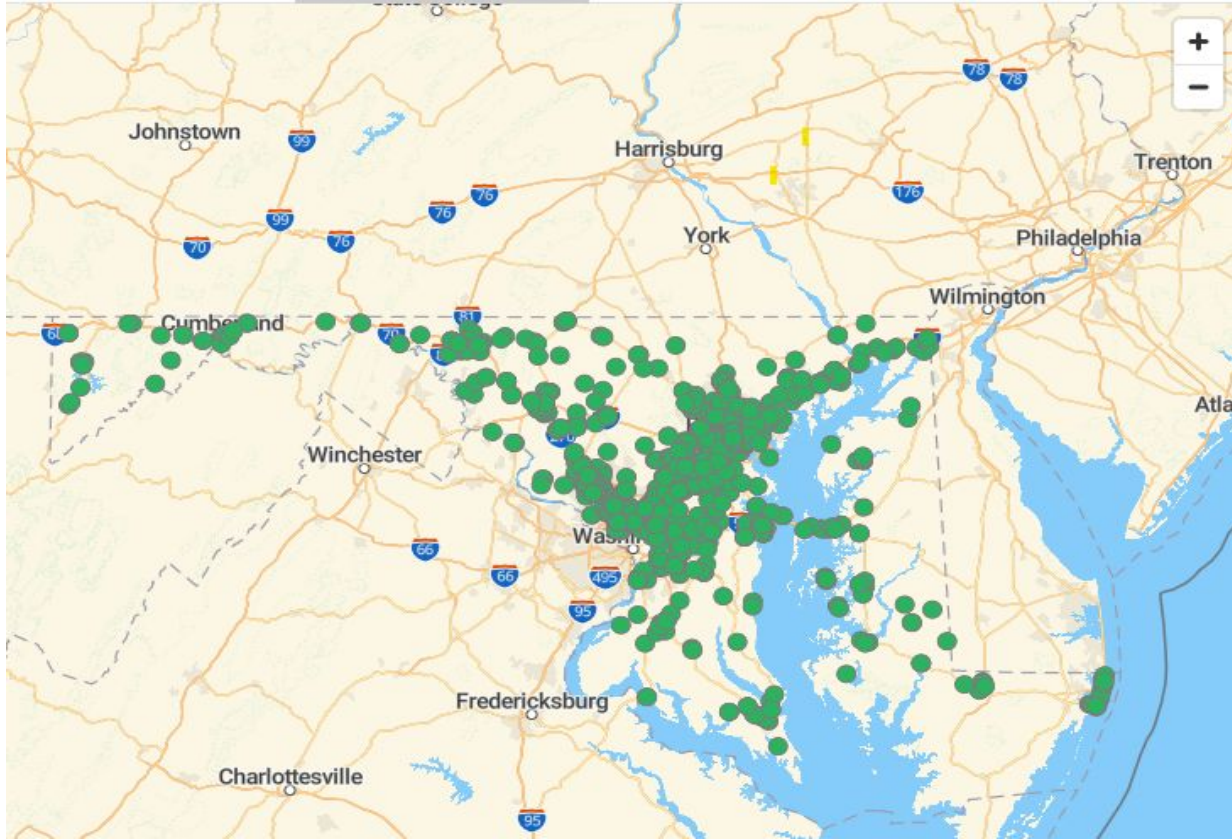


0.87
Ports per 1,000 people

Percentage Monthly Change in EV Growth (January '24 to August '25)



Maryland EV Charging Network



- Total Chargers and Ports
 - 1,717 Public Charging Sites*
 - 4,062 Public Charging Ports
 - 1,235 Public Direct Current Fast Ports
 - 4,094 Public Level 2 Ports

*Some sites have both DC Fast and Level 2 charging available. Data as of August 26, 2025.

The National Electric Vehicle Infrastructure Program (NEVI)

- Congress created the NEVI program under the Infrastructure Investment and Jobs Act (IIJA).
- Maryland was apportioned approximately \$63 million for NEVI over 5 years.
- The 2025 NEVI Plan Update will be submitted to FHWA no later than 9/10/2025.

| Federal Fiscal Year | FFY 2022 | FFY 2023 | FFY 2024 | FFY 2025 | FFY 2026 | Total |
|--------------------------|-------------|--------------|------------------------|--------------|--------------|--------------|
| Funding Available | \$9,298,080 | \$13,380,042 | \$13,380,134 | \$13,380,146 | \$13,380,174 | \$62,818,576 |
| Expected Deployment Type | Corridor | Corridor | Corridor and Community | Community | Community | |

National Electric Vehicle Infrastructure (NEVI) Program Update

Round 1 Construction

| Broke Ground | Site | Address | County | Ports |
|--------------|---------------------|------------------------------------|--------------|-------|
| June | Pilot Travel Center | 3000 Chesnut Ridge Rd, Grantsville | Garrett | 4 |
| July | Royal Farms (Tesla) | 2850 Jessup Rd, Jessup | Anne Arundel | 12 |
| August | Pilot Travel Center | 221 Belle Hill Rd, Elkton | Cecil | 8 |

Most Round 1 stations expected to open to the public in Spring 2026

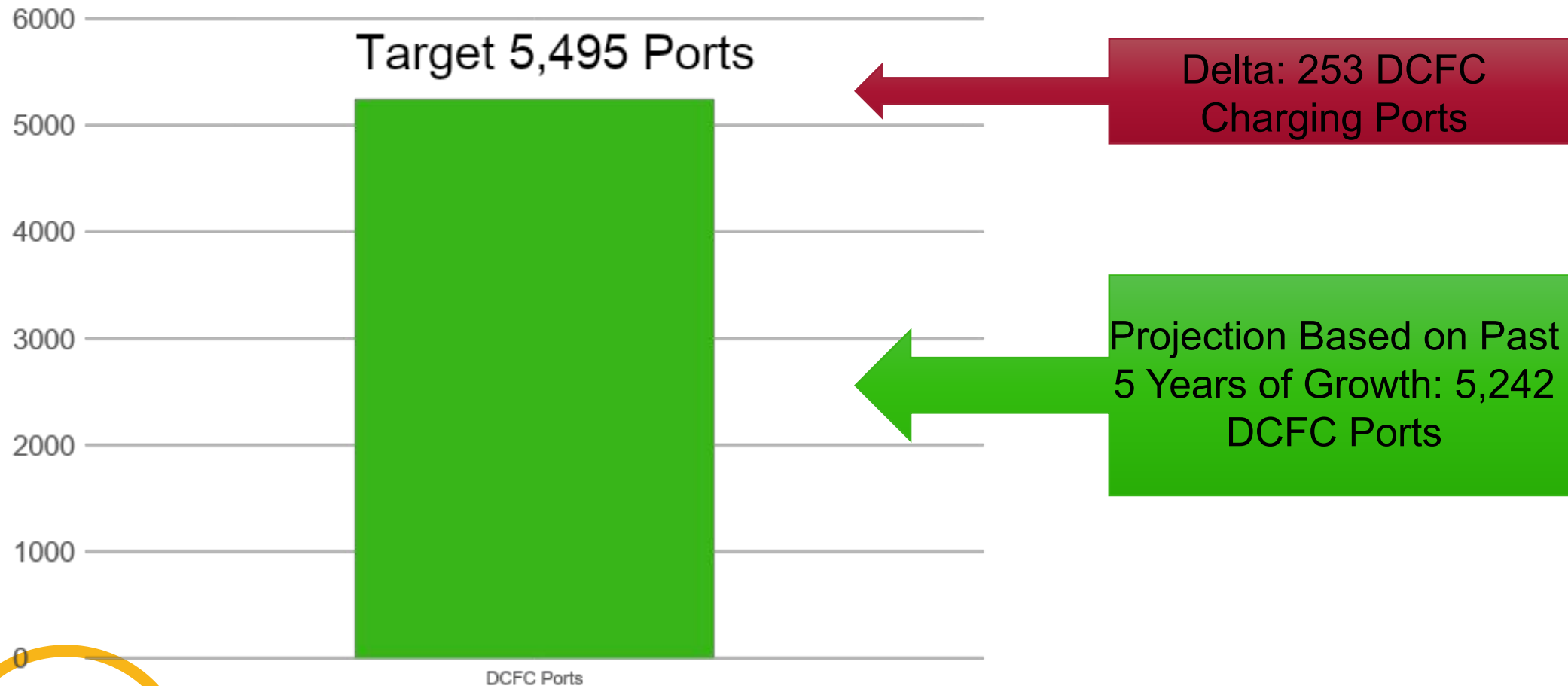


Pilot Travel Center,
Grantsville

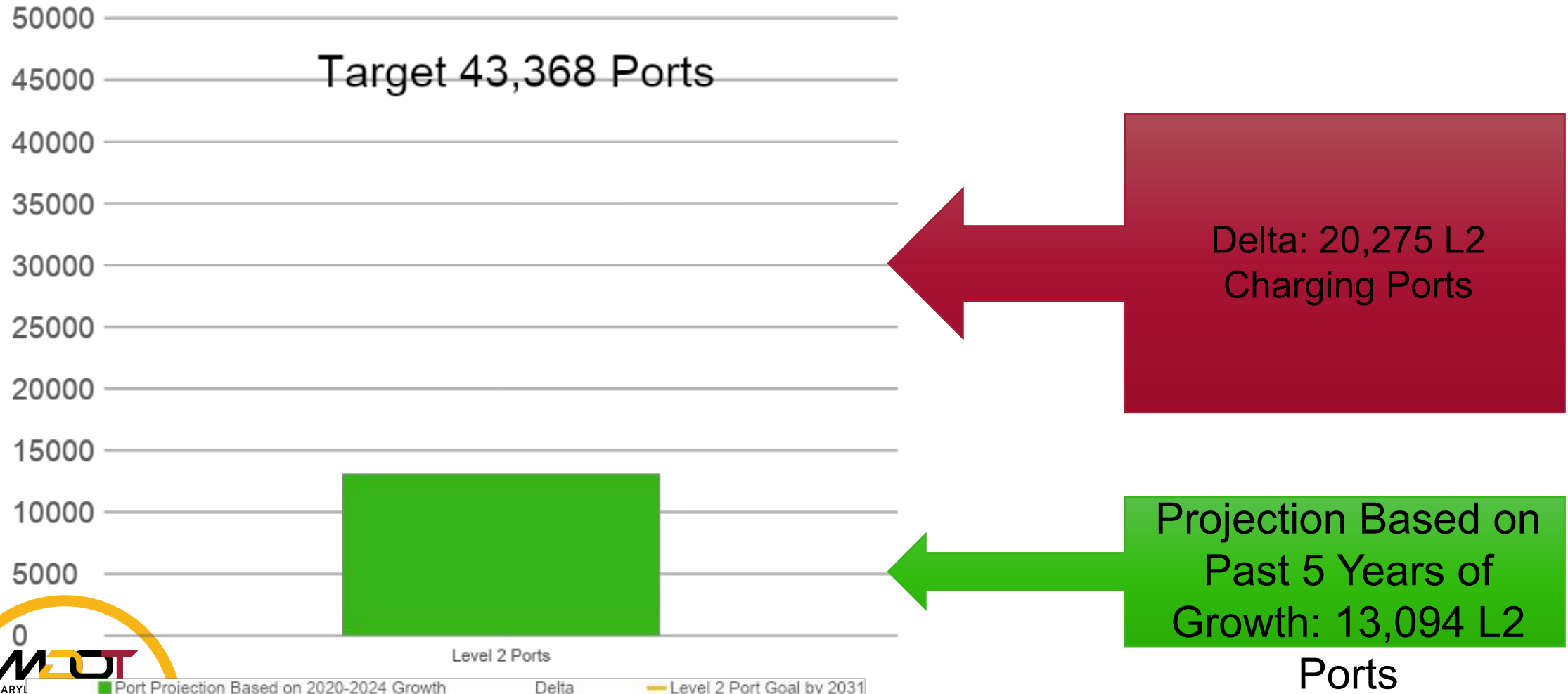


Royal Farms,

Projection: DCFC Progress and Projected Need

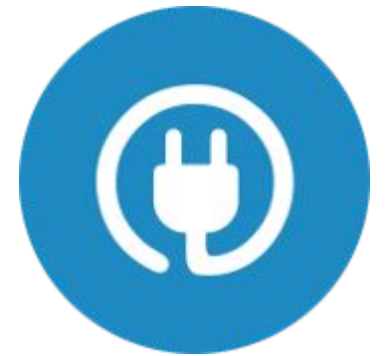


Projection: Level 2 Progress and Projected Need

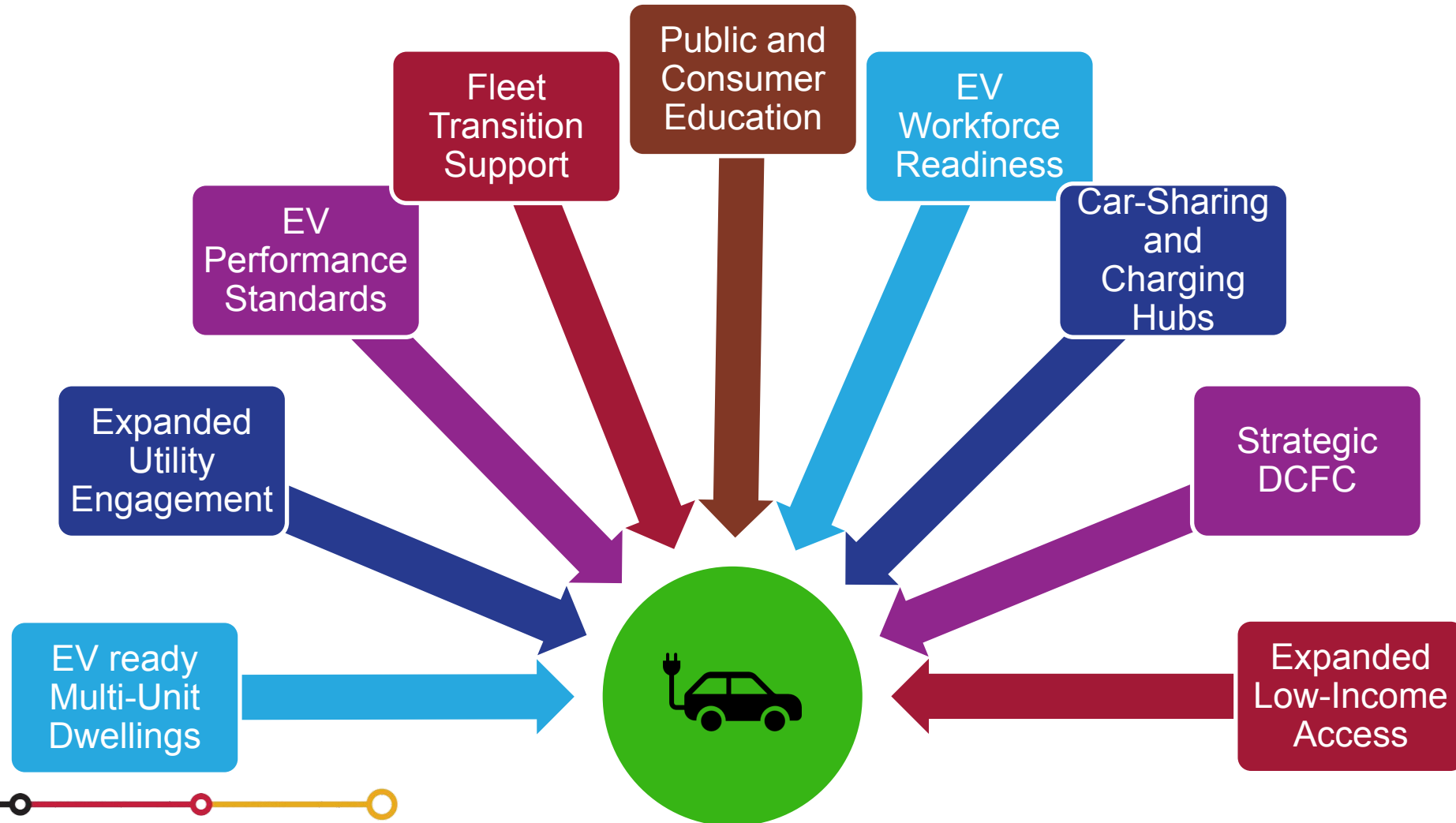


Zero Emission Vehicle Infrastructure Plan (ZEVIP)

- Statewide infrastructure plan to support the expected growth of electric vehicles in Maryland
- It will identify:
 - Suitability for deploying publicly available infrastructure
 - Multi-agency strategy to accelerate infrastructure buildout through 2045
 - Potential state, federal, and private resources and/or investments
- Anticipated release in Winter 2026



Government, NGO, and Industry Areas of Opportunity

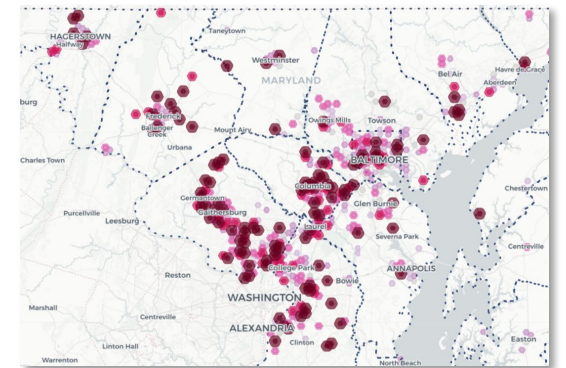
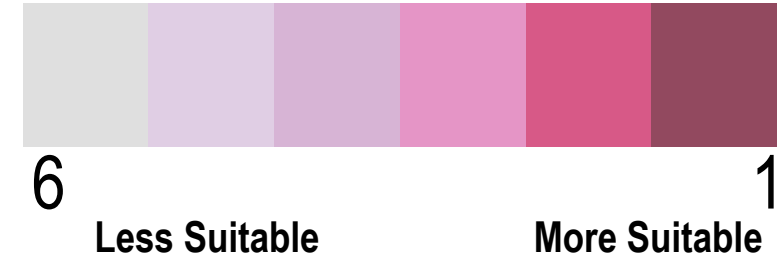


Charger Access and Siting

- Maryland is mapped in 1-mile areas; creating 12,773 total/possible, unique possibilities.
- Data is normalized, weighted, and Split in State- defined scenarios

Solving For:

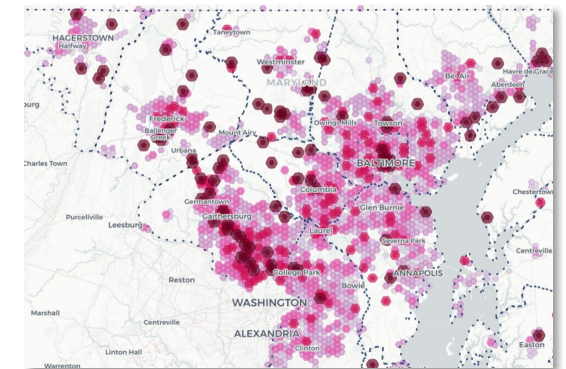
- Publicly Available Charging Adjacent to multi-unit dwellings
- Equitable Access to Charging
- Commuter-Based EV Adoption
- Rural and Urban Differences



Multi-Unit Dwelling



Community



Workplace

Workgroup Feedback Opportunity: Meet with MDOT

Schedule a meeting with our ZEVIP
team

