

TRUCK PARKING INITIATIVES

MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

Nicole Katsikides, Ph.D.

Texas A&M Transportation Institute for MDOT SHA

RESOURCES CURRENTLY AVAILABLE

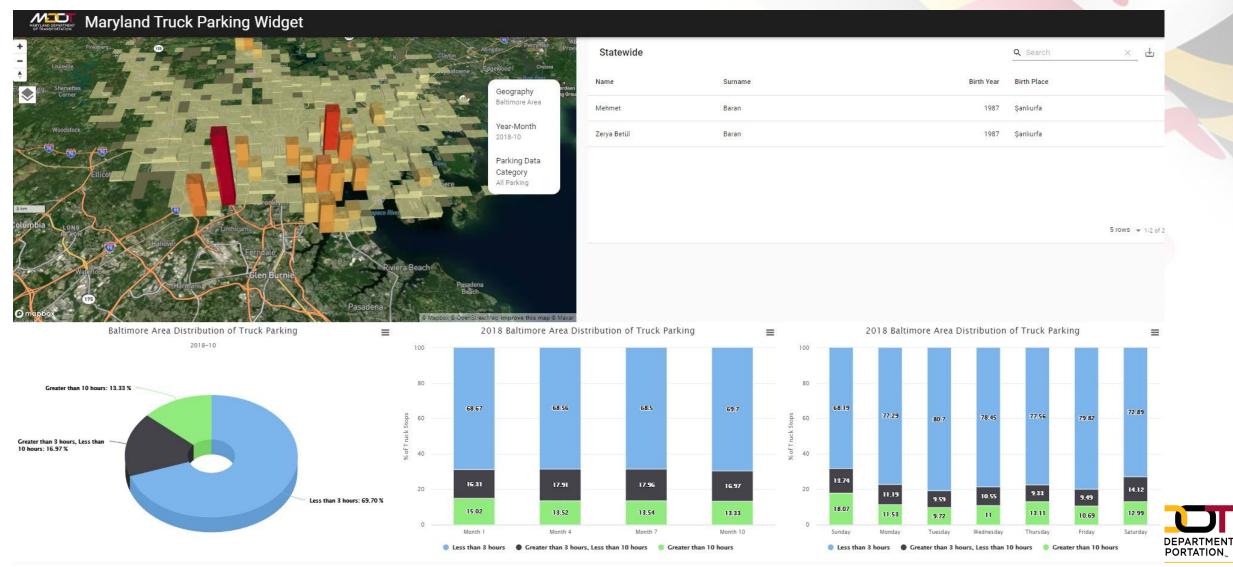
- MDOT's Statewide Truck Parking Study
- Truck Parking Data Application
- Truck Parking Portal
- Emergency Truck Parking Options for operational/law enforcement awareness
- Property availability information
- MDOT's new INRIX Trips Truck Waypoint data

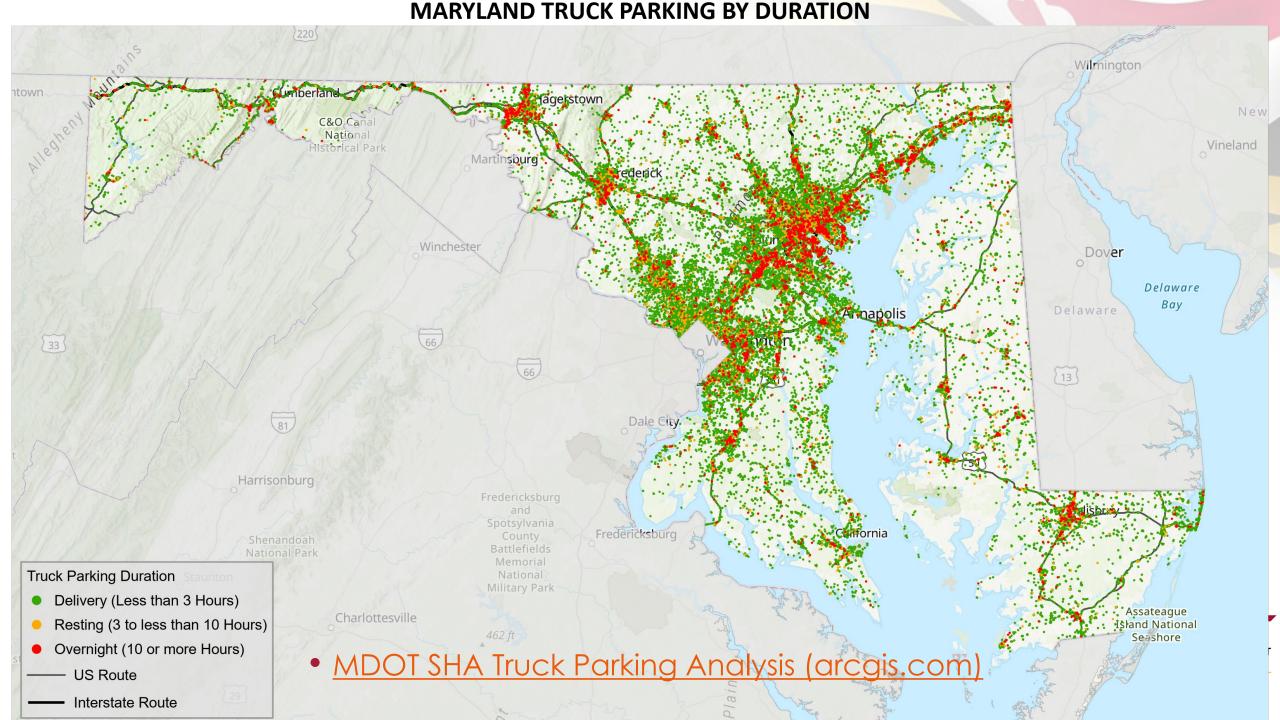


RESOURCES COMING SOON

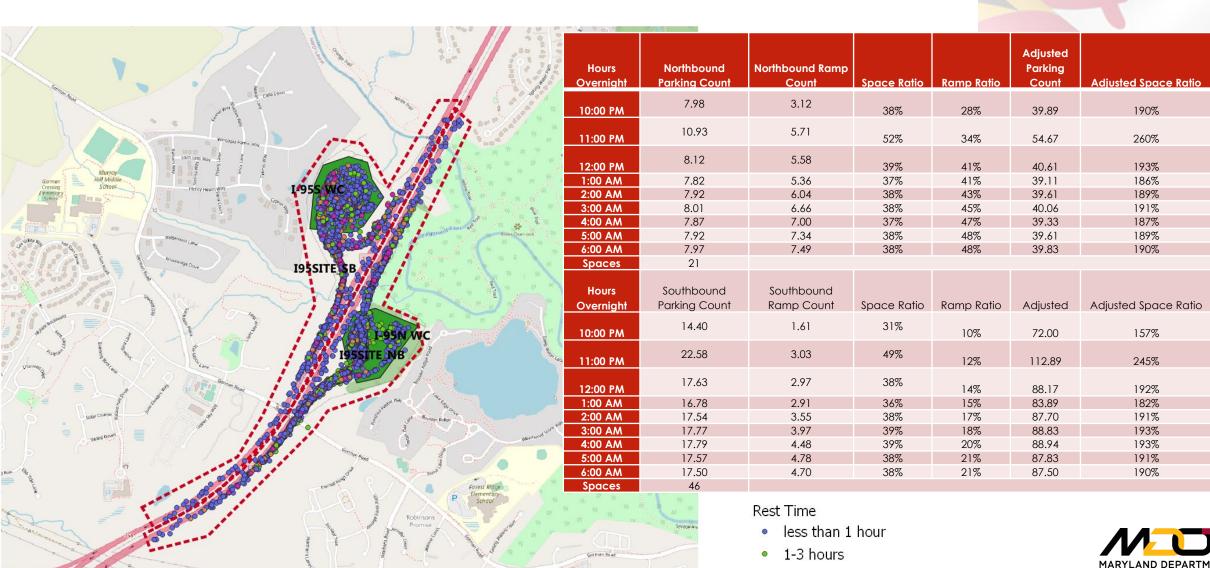
- Truck Parking dashboard provides truck parking visualization over time (four years)
 - Includes usage statistics for all lots updated quarterly (space and ramp ratios)
 - Provides statewide view of parking by duration
 - Shows origins and destinations for parking by type at state lots
- In Work but Further Out
 - Truck Parking and Freight Traveler Information System
 - Data platforms for information sharing, CAV systems
- In other research:
 - Are the connected data reliable enough to predict parking and be used as TPIMS messages?
 - What other useful truck parking messages come out of the data a state DOT can share?

TRUCK PARKING DASHBOARD MOCK UP





EXAMPLE OUTPUT: QUARTER STATISTICS FOR PARKING DURATION



- 3-10 hours
- longer than 10 hours



APPROXIMATING USAGE

Manual Counts by MDOT



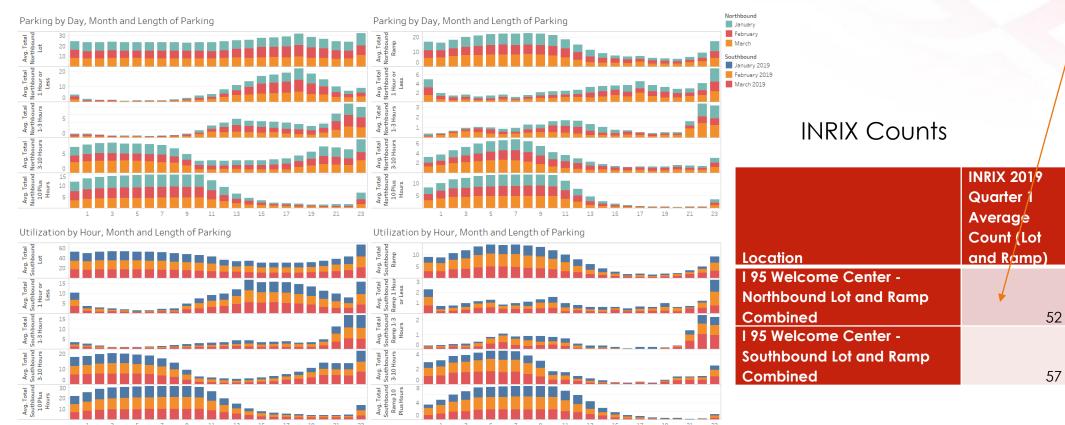
Space

248%

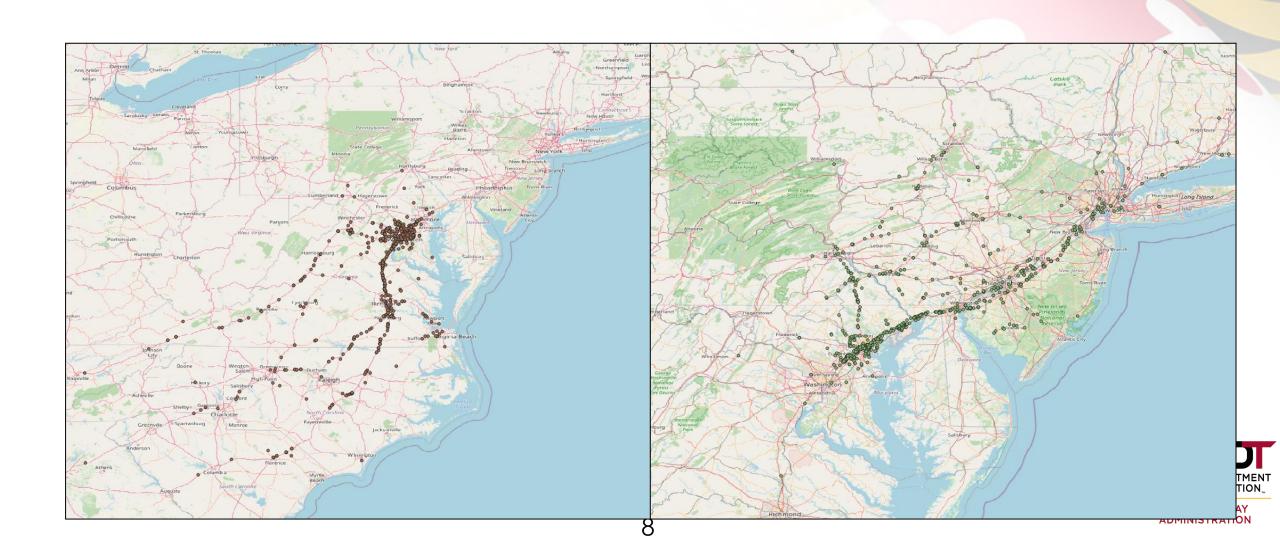
124% DEPARTMENT ISPORTATION

STATE HIGHWAY ADMINISTRATION

Ratio



EXAMPLE: ORIGINS AND DESTINATIONS OF LESS THAN 1 HOUR RAMPS TRUCKS, NORTHBOUND



FOR MORE INFORMATION

- Nicole Katsikides, Ph.D.
- Texas A&M Transportation Institute (TTI) for MDOT State Highway Administration

