



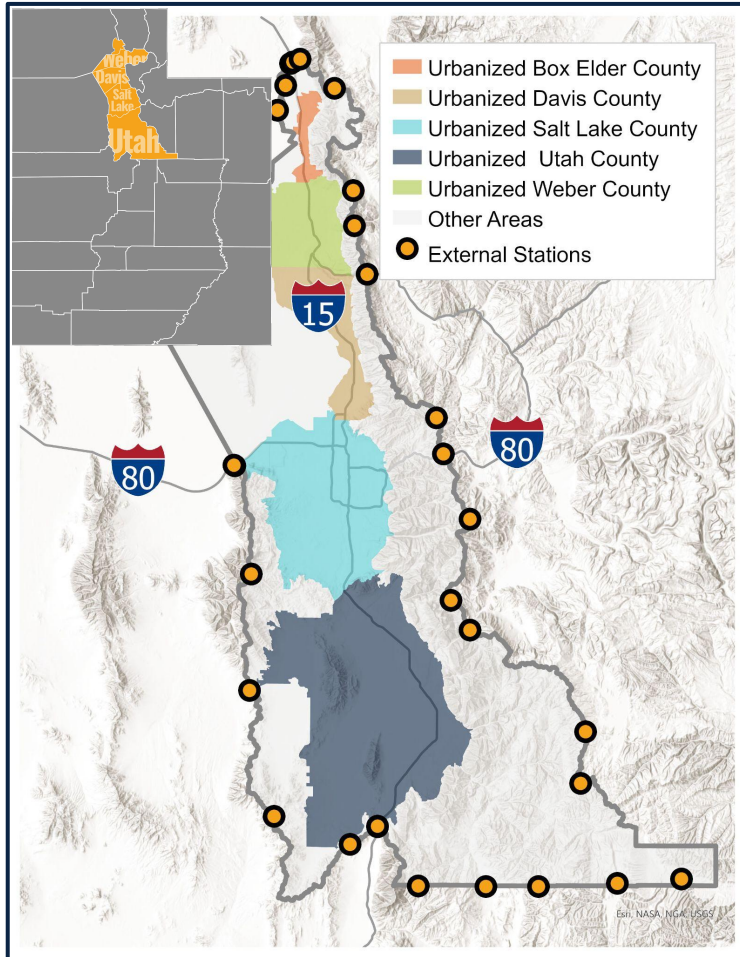
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WASATCH FRONT REGIONAL COUNCIL

Wasatch Front Travel Demand Model



SOFTWARE

- **Model Software:** Cube 6.4.5
- **ArcGIS version:** 10.6
- **Platform:** Cube Scripts (Hailmary)

MODEL CHARACTERISTICS

- **Model Type:** Trip-based
- **Geographic Projection:** NAD 1983 UTM Zone 12
- **Scenario Years**
 - 2019 (base year), 2023 (plan opening year), and 2028 (STIP year)
 - Plan Years: 2032, 2042, 2050
- **Model day:** average weekday
- **Time Periods:** AM, midday, PM, evening, and daily
- **Internal TAZs:** 3546 (1-3546) & **External Stations:** 29 (3601-3629)
- **Trip Types:** internal resident, external, and commercial (light, medium, and heavy trucks)
- **Unique Components**
 - External forces: telecommute, eCommerce, CAVs
 - Robust Mode Choice Auto (drive alone, shared ride, drive alone toll, shared ride toll) and Transit (walk/drive to local bus, core route, express bus, BRT, light rail & commuter rail)
 - Can model Tollway, HOT & HOV facilities
 - Can model Managed Motorways facilities
- **Current version:** v9 Beta (2022-12-19)
- **Run Time:** 5-7 hours
- **Subarea ID:** 1 (used for the statewide model)

POINT OF CONTACT

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