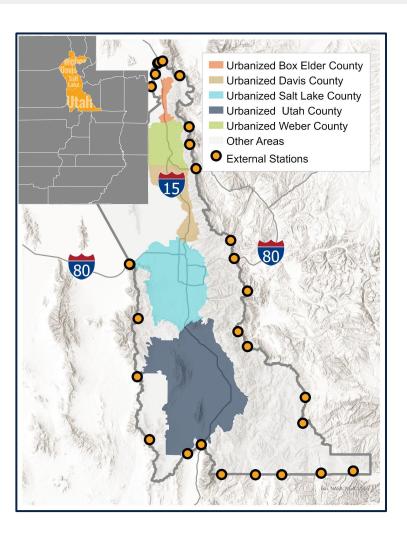




Wasatch Front Travel Demand Model



SOFTWARE

• Model Software: Cube 6.4.5

• ArcGIS version: 10.6

• Platform: Cube Scripts (Hailmary)

MODEL CHARACTERISTICS

Model Status: Released
 Model Type: Trip beard

Model Type: Trip-based

Geographic Projection: NAD 1983 UTM Zone 12

Scenario Years

o 2019 (base year), 2023 (plan opening year), and 2028 (STIP year)

o 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:** v9.0.1 Patch 1 (2024-05-03)

• Run Time: 5-7 hours

• Subarea ID: 1 (used for the statewide model)

POINT OF CONTACT

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