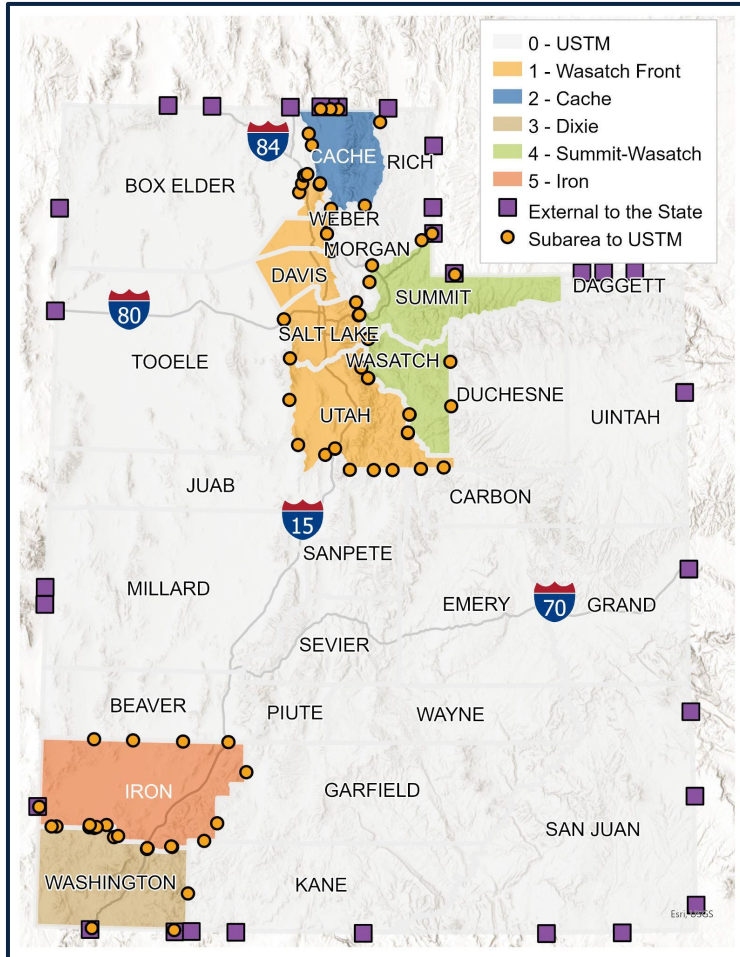


Utah Statewide Travel Demand Model (USTM)



SOFTWARE

- **Model Software:** Cube 6.4.5
- **ArcGIS version:** 10.6
- **Platform:** Cube Catalog

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:** 9815 (41-9855)
- **External Stations:** 31 (1-31)
- **Trip Types:** internal resident, recreation, external, and commercial (light, medium, and heavy trucks)
- **Unique Components**
 - Freight: long haul commodity model (currently being updated)
 - Long Distance: models ground trips over 40 miles that remain in Utah (currently being updated)
 - Recreation: includes 54 locations across the state (will be updated)
 - Uses TAZ, socioeconomic data, master networks, and loaded networks from subarea models
 - Provides external matrices to subarea models
 - External forces: telecommute, eCommerce, CAVs
- **Current version:** v3.0 (2023-05-02) & **Run Time:** 3-5 hours
- **Subarea ID:** 0

POINT OF CONTACT

Natalia Brown (UDOT): nataliabrown@utah.gov