

2023 Screenline Data

RTM User Group Meeting

Sumit Bindra

Modelling & Forecasting

April 25, 2025

Screenlines

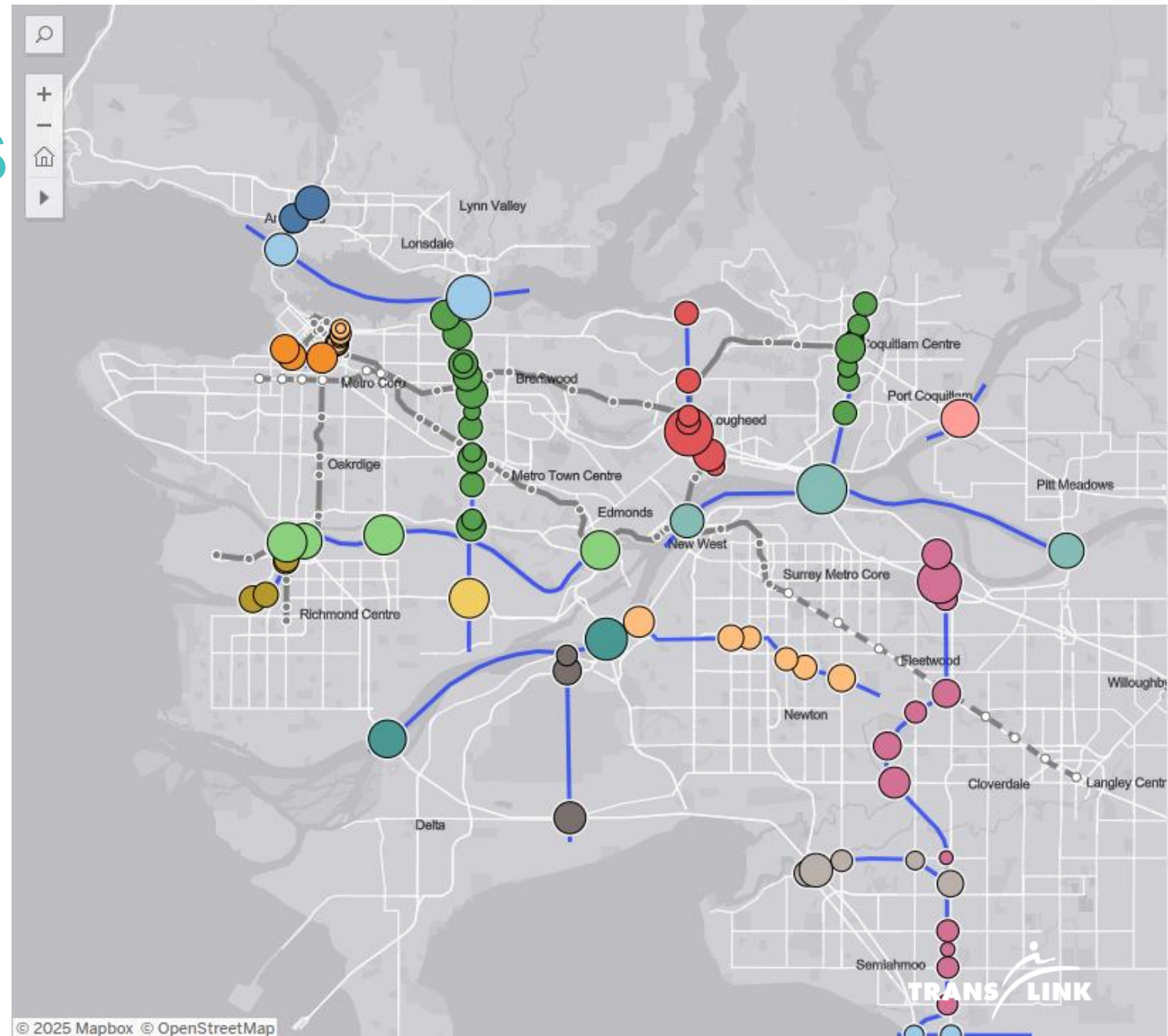
- Snapshot of flow of vehicles and people across boundaries
- Autos, trucks and transit riders
- Data collected by:
 - Direction
 - Time of Day
 - Days of week (multiple weeks)

Data

2023 Screenlines

- 25 Screenlines
- Autos, light and heavy commercial vehicles, transit riders
- Key in calibrating RTM and ABM:
 - Region to Region flows
 - Time of day profiles

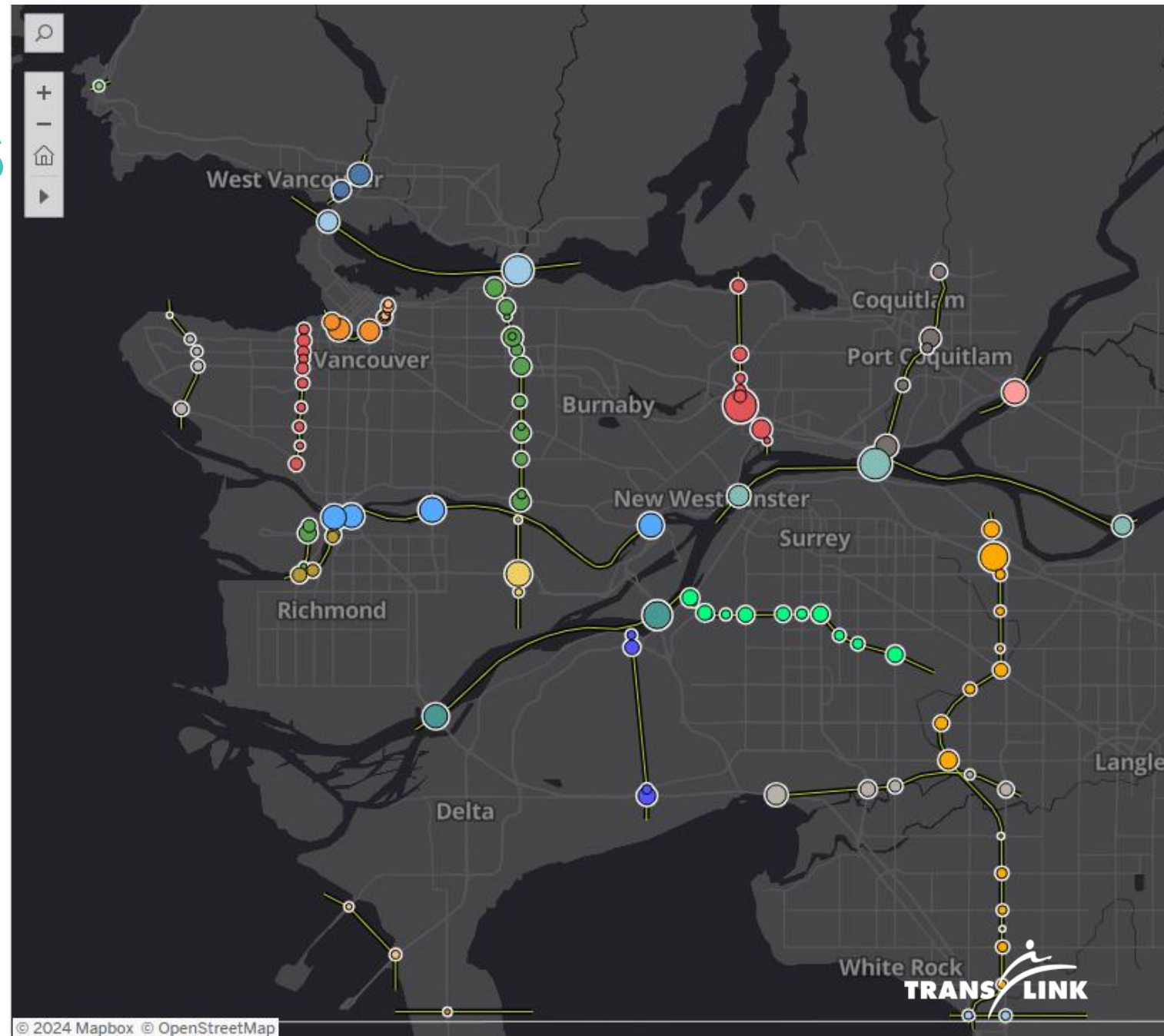
<https://tableau.translink.bc.ca/#/views/ScreenlineMap2025-02-24/2023ScreenlineSummary>



2017 Screenlines

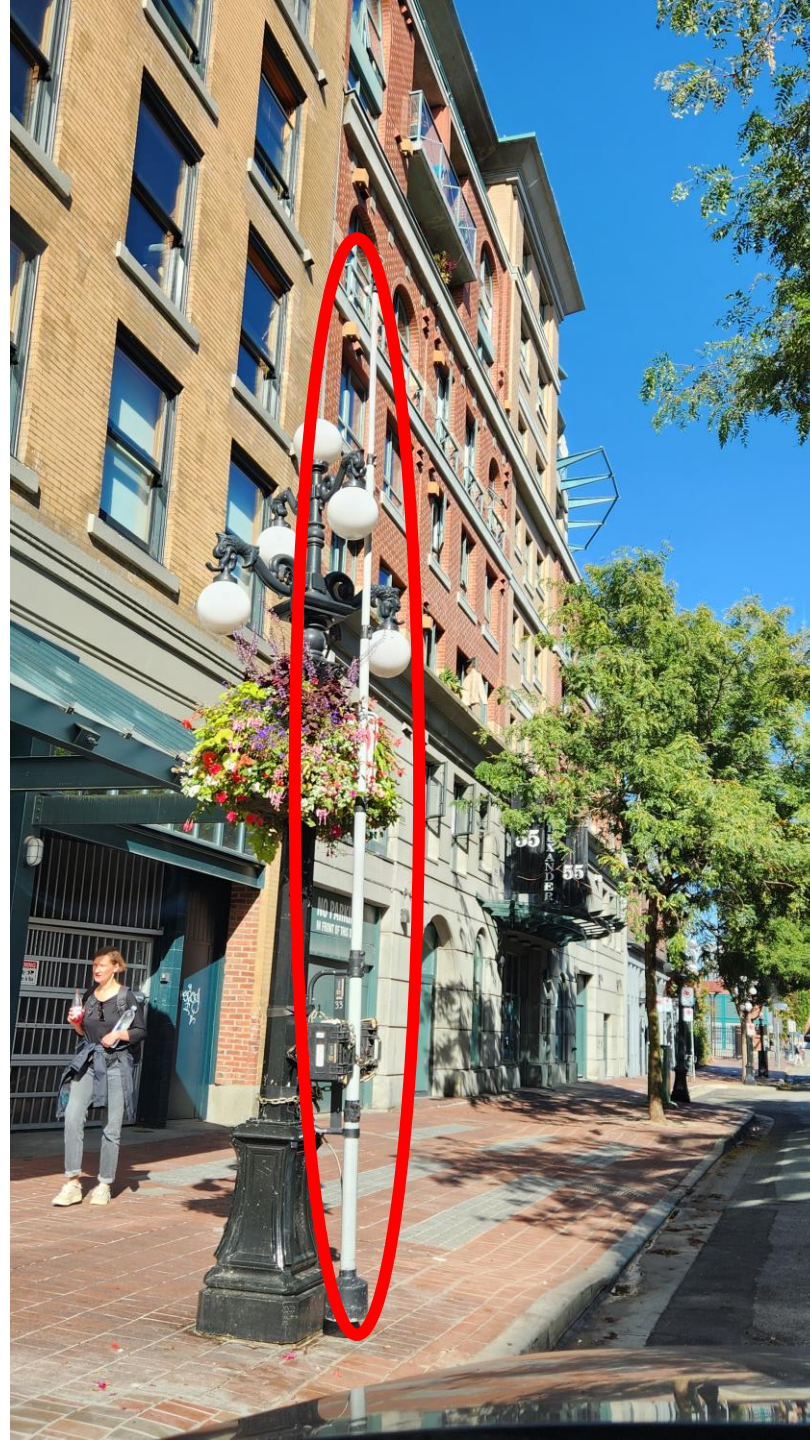
- 34 Screenlines
- Autos, light and heavy commercial vehicles, transit riders
- Key in calibrating RTM and ABM:
 - Region to Region flows
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<https://tableau.translink.bc.ca/#/views/ScreenlineMap2025-02-24/2023ScreenlineSummary>



Challenges

- Costs
- Contractors
- Equipment Safety

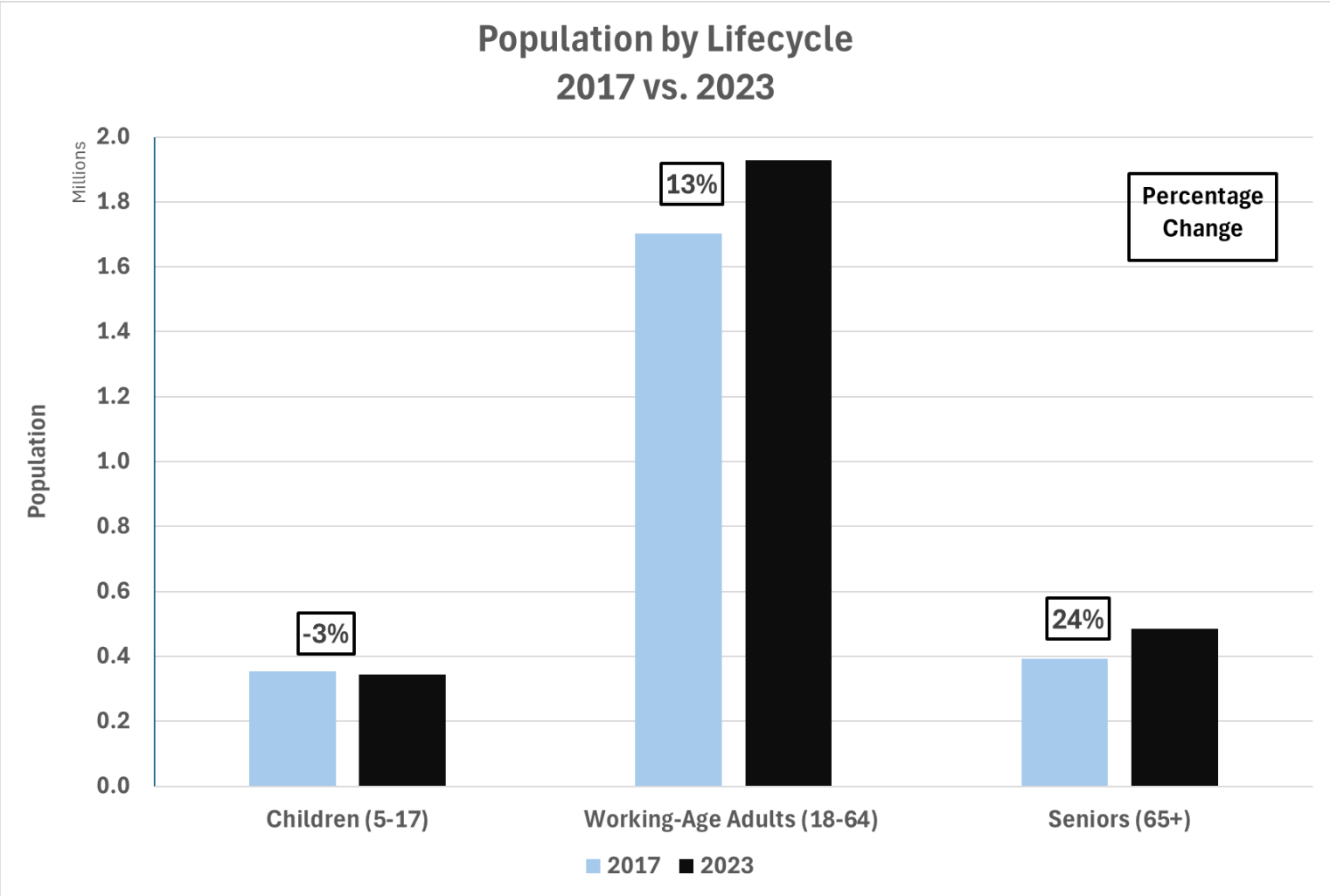


Filling the Gaps (Sources)

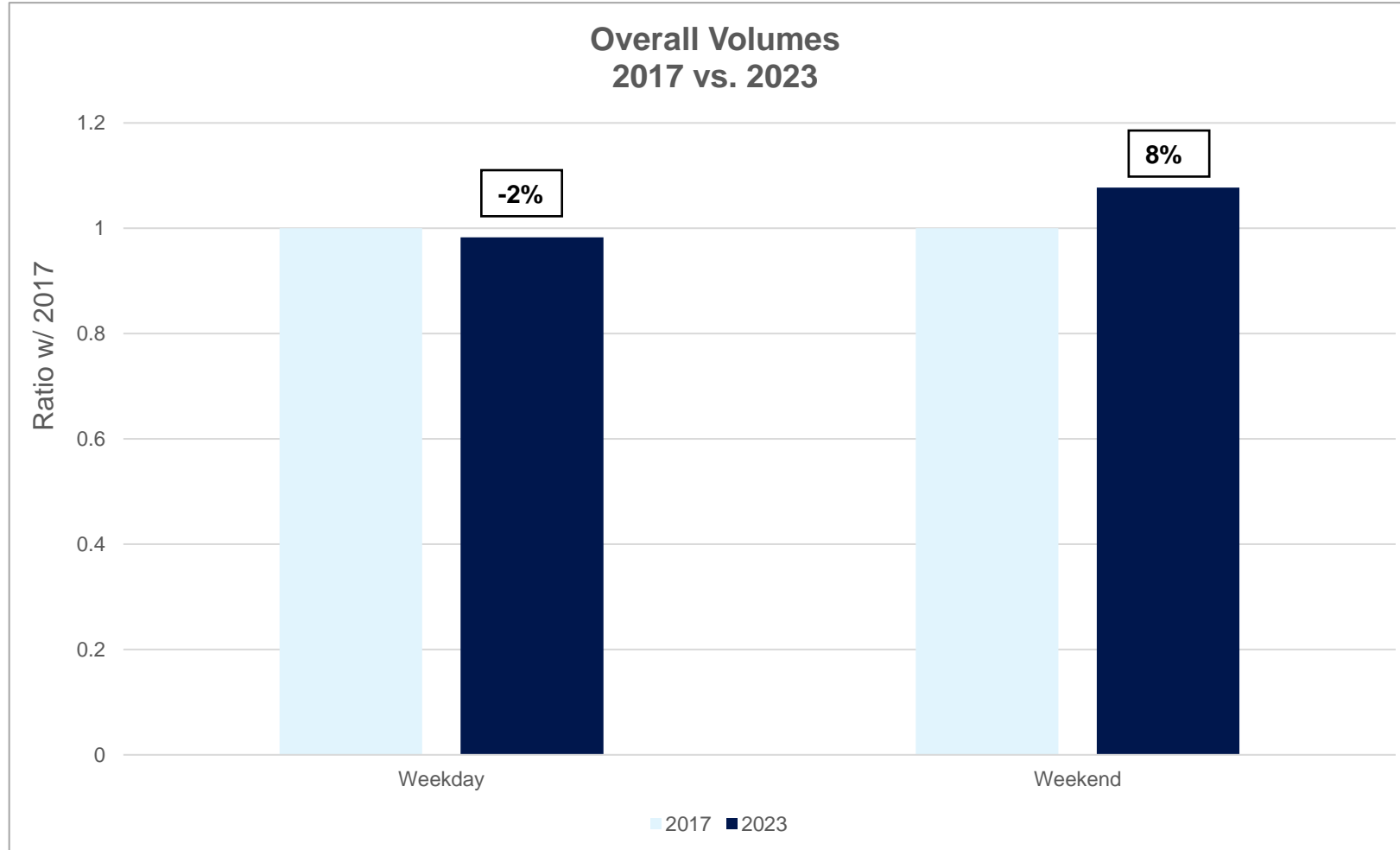
- Data from our municipal partners
- Data from MOTI
- From sensors

Trends

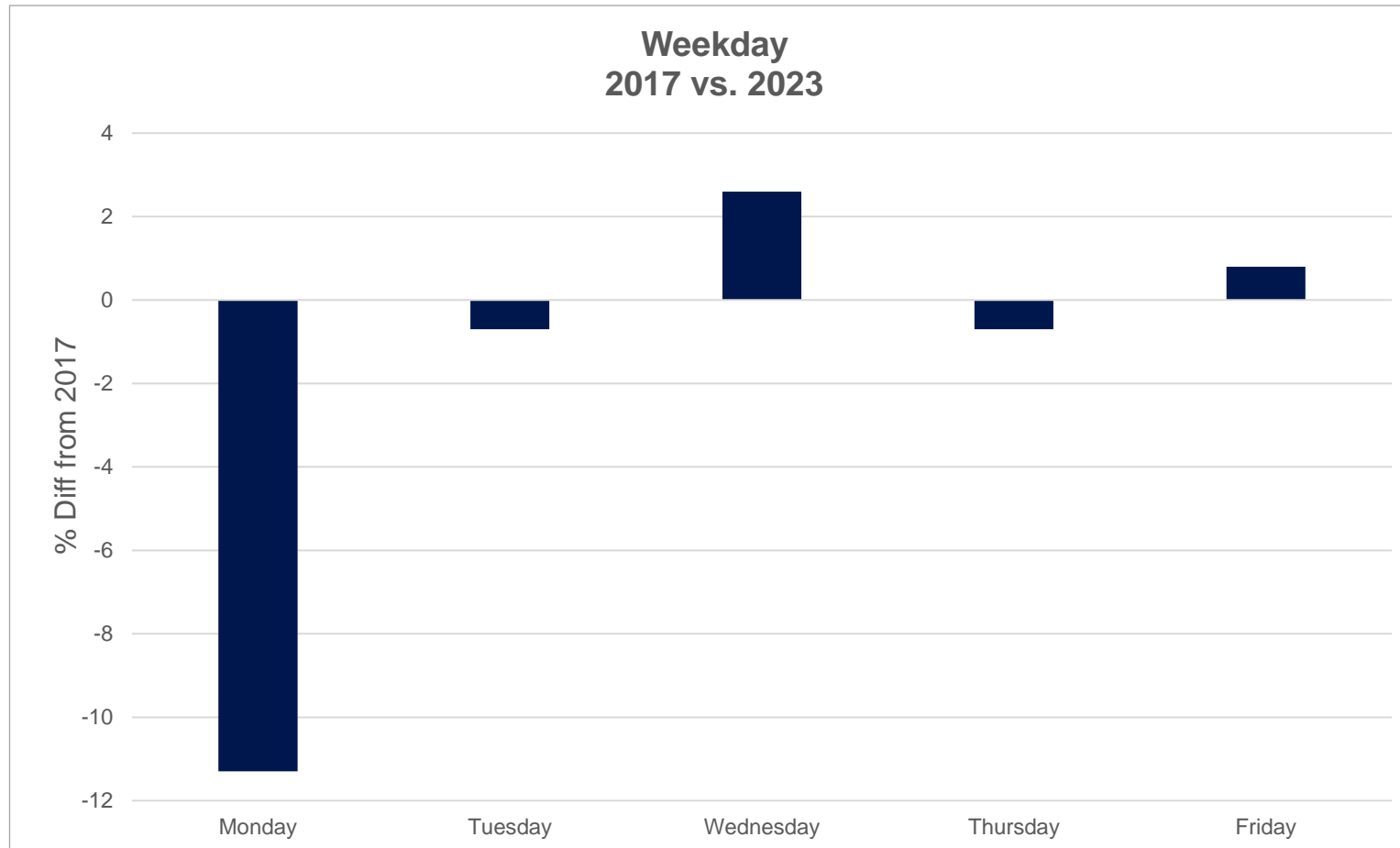
The Region



Trends (Overall)



Trends (Weekdays)



Trends (Other)

- Volumes vs. VKT
- Per capita down; Overall flat
- Commuting travel is down due to WFH and aging population

Timelines

- Data collected: **September – early December 2023**
- Data received: **March 2024**
- Cleaning and standardizing: **February 2025**
- Dashboard out very soon

Thank You

