Update on Monitoring Targets

- Mode Share
- Vehicle Kilometres Travelled (VKT)
Mode Share

Measured

Total # of Trips in the City

2008

Motor Vehicle

Transit

Walk

Bike

40%

2011

44%

2020

>1/2

2040

>2/3

Targets

For all trips originating in the City of Vancouver.
Source: Data and analysis based on TransLink Trip Diaries. Opinions do not necessarily represent views of TransLink
Transportation Data Sources

• **Travel Mode Share**
  • Trip Diary: Collected every 5 years with results available 2 years later. (Next results in 2018.)
  • Census: changes to collection of transportation data makes it less reliable

• **Vehicle Kilometres Travelled**
  • Fuel Sales – not accurate
  • ICBC Aircare odometer readings – now phased out
• Comprised of Vancouver residents only
• Captures same information as trip diary but individual is surveyed (as opposed to household)
• Total number of survey participants ~ 2,500
• Target to survey the same individuals each year
• Update of 2008 Survey
• Main components:
  – Sidewalk Volumes on Commercial Streets (approx. 800 sidewalks)
  – Pedestrian travel habits and rating of pedestrian amenities (1300 surveys, mostly on-street)
• Sidewalk Volume Results:
  – Overall 4% increase since 2008
  – Busiest blocks continue to be downtown corridors such as Robson, Granville, Burrard and Georgia
  – Outside downtown, busiest locations are around major transit corridors
• Opinion Survey Results:
  – General satisfaction with crossing conditions at signalized crosswalks, sidewalk space and sidewalk/streetscape quality
  – Lower satisfaction with crossing conditions at unsignalized crosswalks and conflicts with people driving and cycling.
Cycling Volumes at 9 Permanent Counter Locations

Overall 11% increase from 2013 to 2014

Total Monthly Bike Trips

- Burrard Bridge
- Science World
- Union and Hawks
- 10th and Clark
- Dunsmuir Viaduct
- Dunsmuir Street
- Hornby Street
- Lions Gate
- Canada Line

Sept 2013 - Nov 2013
Sept 2014 - Nov 2014
Growth in Daily Cycling Trips

- 2009: Burrard Bridge protected lane opened
- 2010: Dunsmuir & Hornby protected lanes opened
- 2014: Seaside Greenway (Point Grey-York) & Burrard-Cornwall completed

Data sources:
- TransLink Trip Diary Data
- City of Vancouver Panel Survey Data
Past Investments and Ridership Growth

TransLink Yearly Boarding 1989-2013

Source: Ridership data from TransLink. 2001 (transit strike year) has not been plotted
Vehicle-Kilometers Travelled (VKT)*

- Greenest City Action Plan and Transportation 2040 goal to reduce the VKT by 20% (compared to 2007)
- VKT gives an indication of the length of trips which can have different impacts on city streets

6km vehicle trip crosses 58 Streets

2km vehicle trip crosses 18 Streets
Vehicle-Kilometres Travelled (VKT) Per Capita

Reduction from 2007 to 2014: 21%
(Surpasses GCAP & T2040 Target)

Based on ICBC AirCare Data
Total Vehicle-Kilometres Travelled (VKT)

Reduction from 2007 to 2014: 16.5%

Based on ICBC AirCare Data