Where Matters: Walkability Relationship with Health and Climate Change

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Presentation to White Rock City Council, September 23, 2024

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School of Population and Public Health
Faculty of Medicine

Ministry of Transportation and Infrastructure


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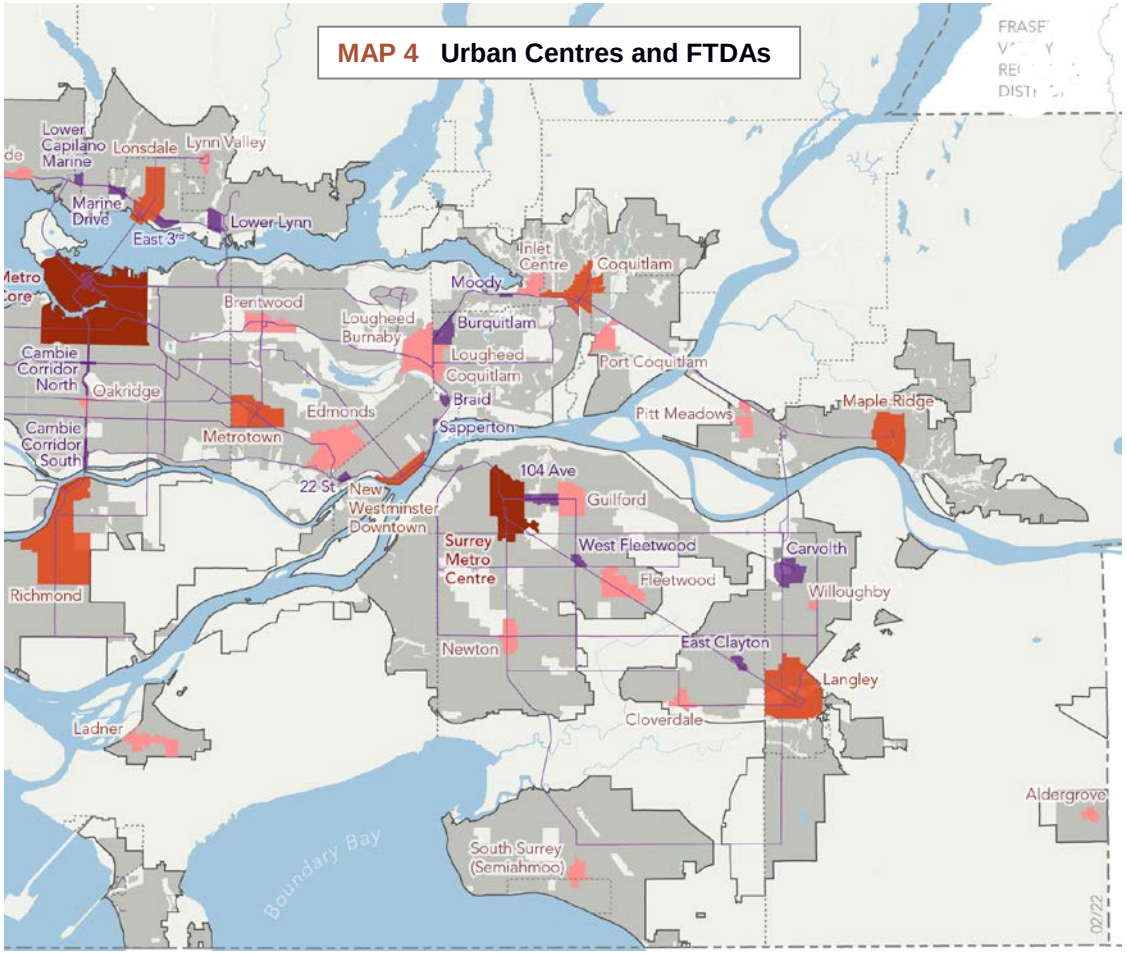
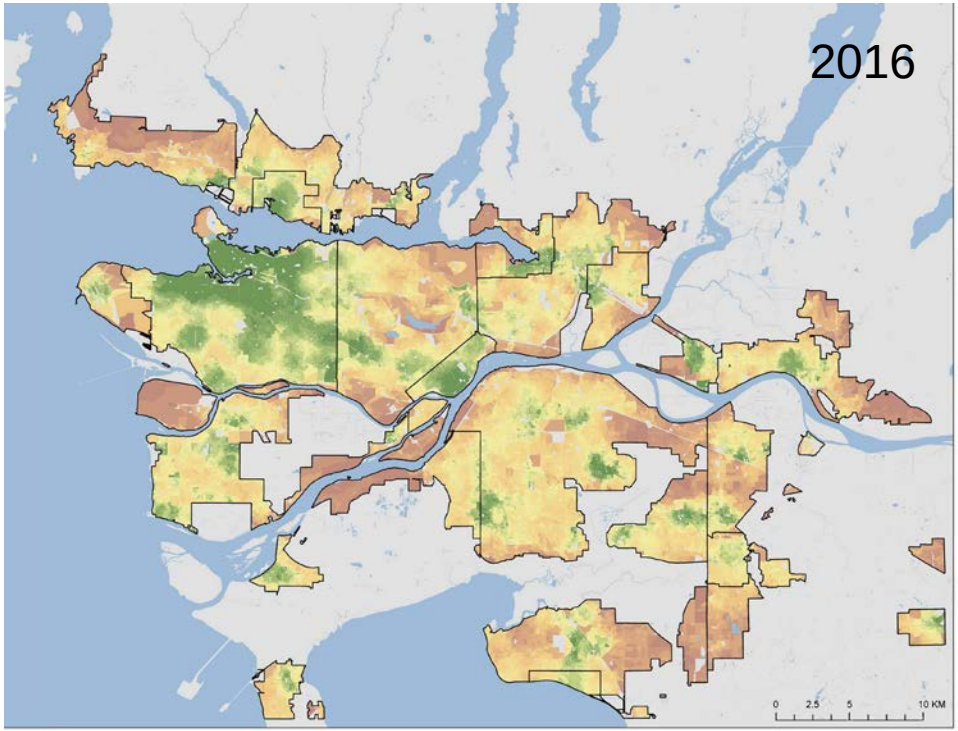
GOAL 1
Create a Compact Urban Area
GOAL 2
Support a Sustainable Economy
GOAL 3
Protect the Environment, Address Climate Change, and Respond to Natural Hazards
GOAL 4
Provide Diverse and Affordable Housing Choices
GOAL 5
Support Sustainable Transportation Choices

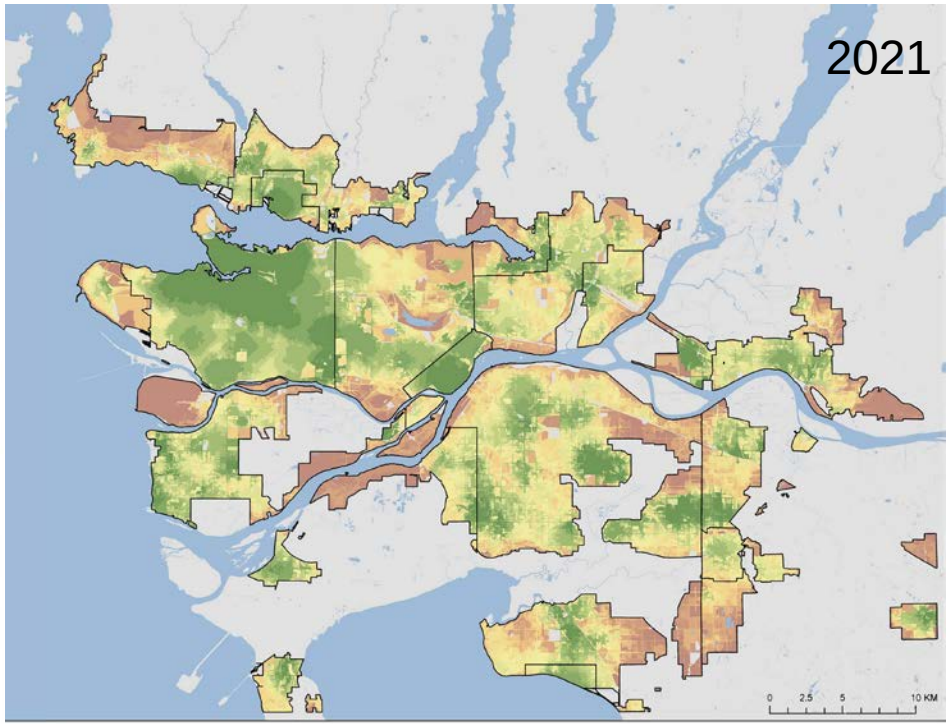
URBAN CENTRES & FREQUENT TRANSIT DEVELOPMENT AREAS

- *Metro 2050's* vision for walkable communities
- Focal points for mixed-use development, transit, cycling, walking



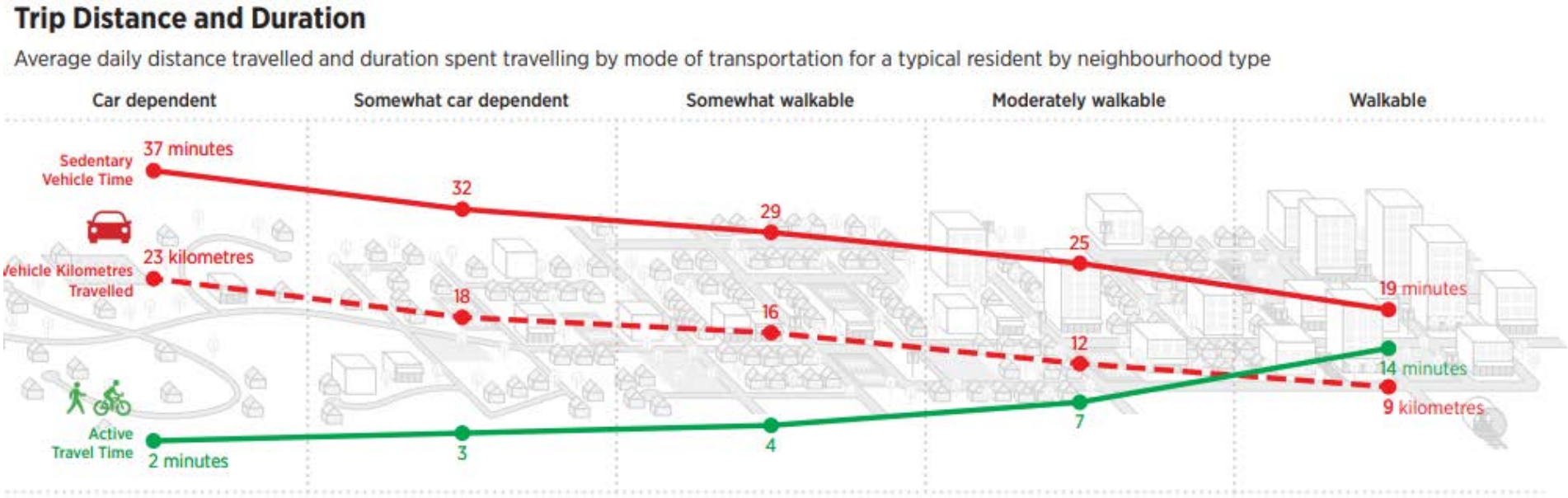
WALKABILITY INDEX



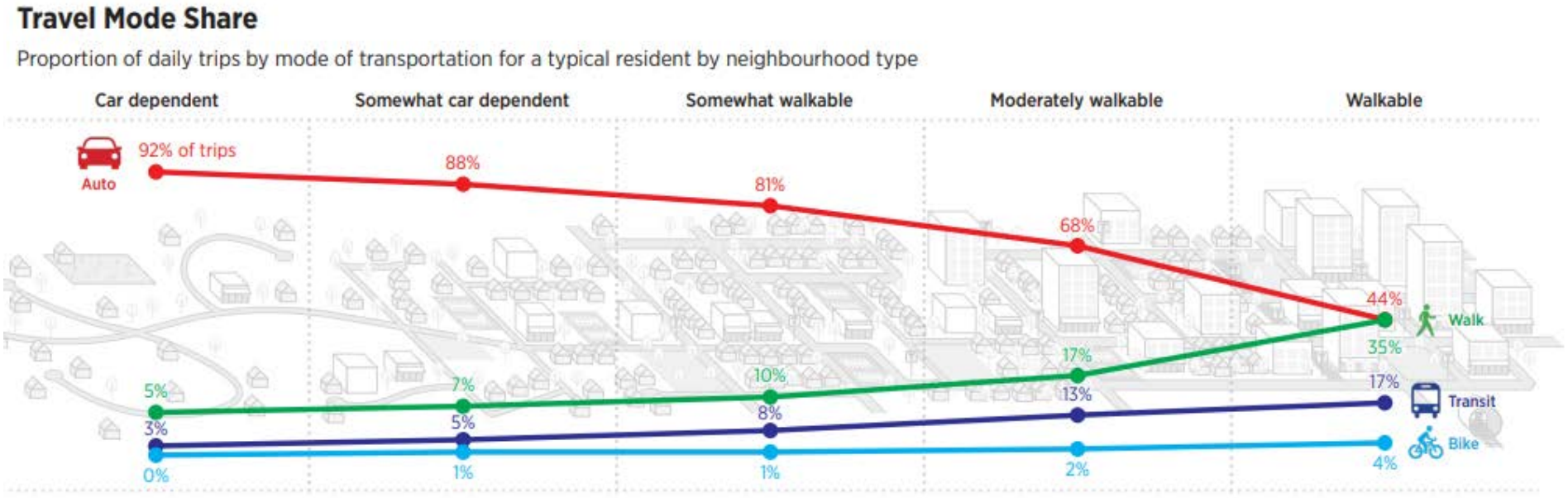


PLACE TYPES BY WALKABILITY

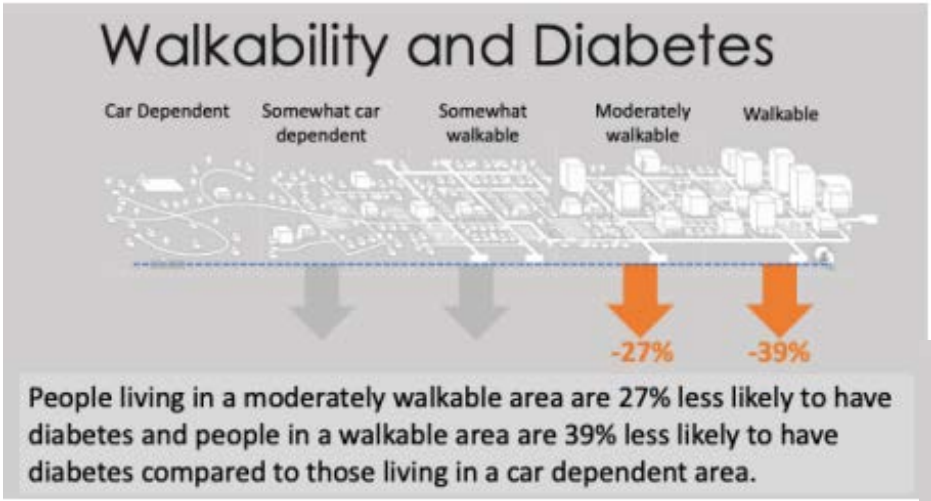
WALKABILITY AND TRIP DISTANCE



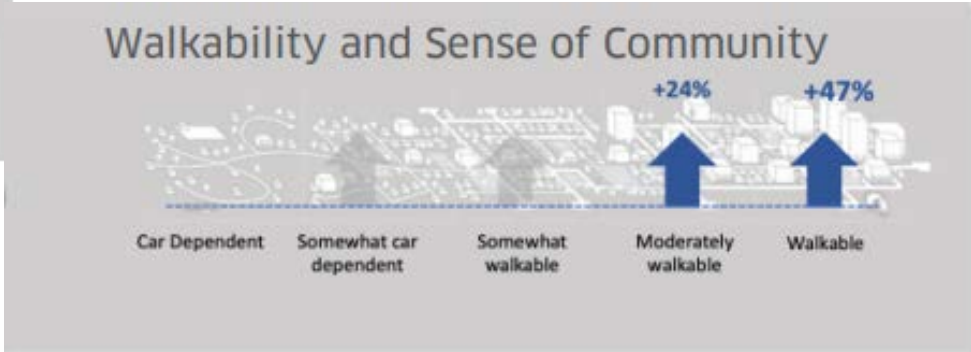
WALKABILITY AND MODE SHARE



HEALTH IMPACTS



People living in a moderately walkable area are 27% less likely to have diabetes and people in a walkable area are 39% less likely to have diabetes compared to those living in a car dependent area.



People living in a moderately walkable area are 24% more likely to have a strong sense of community belonging and people in a walkable area are 47% more likely compared to those living in a car dependent area.

IMPROVING WALKABILITY

- Include sidewalks in new developments
- Construct new sidewalks where gaps exist
- Design smaller blocks to increase intersection density
- Plan for compact urban environments
- Increase commercial space (eg neighbourhood cafés, grocery stores, multi-use spaces)
- Incorporate retail, entertainment, food, civic, office, & green spaces into residential areas.
- Investment in accessible green spaces & policies to support improved access

Questions?

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