

Vancouver Liveability Index

VLI — To smarter cities.

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WHAT?

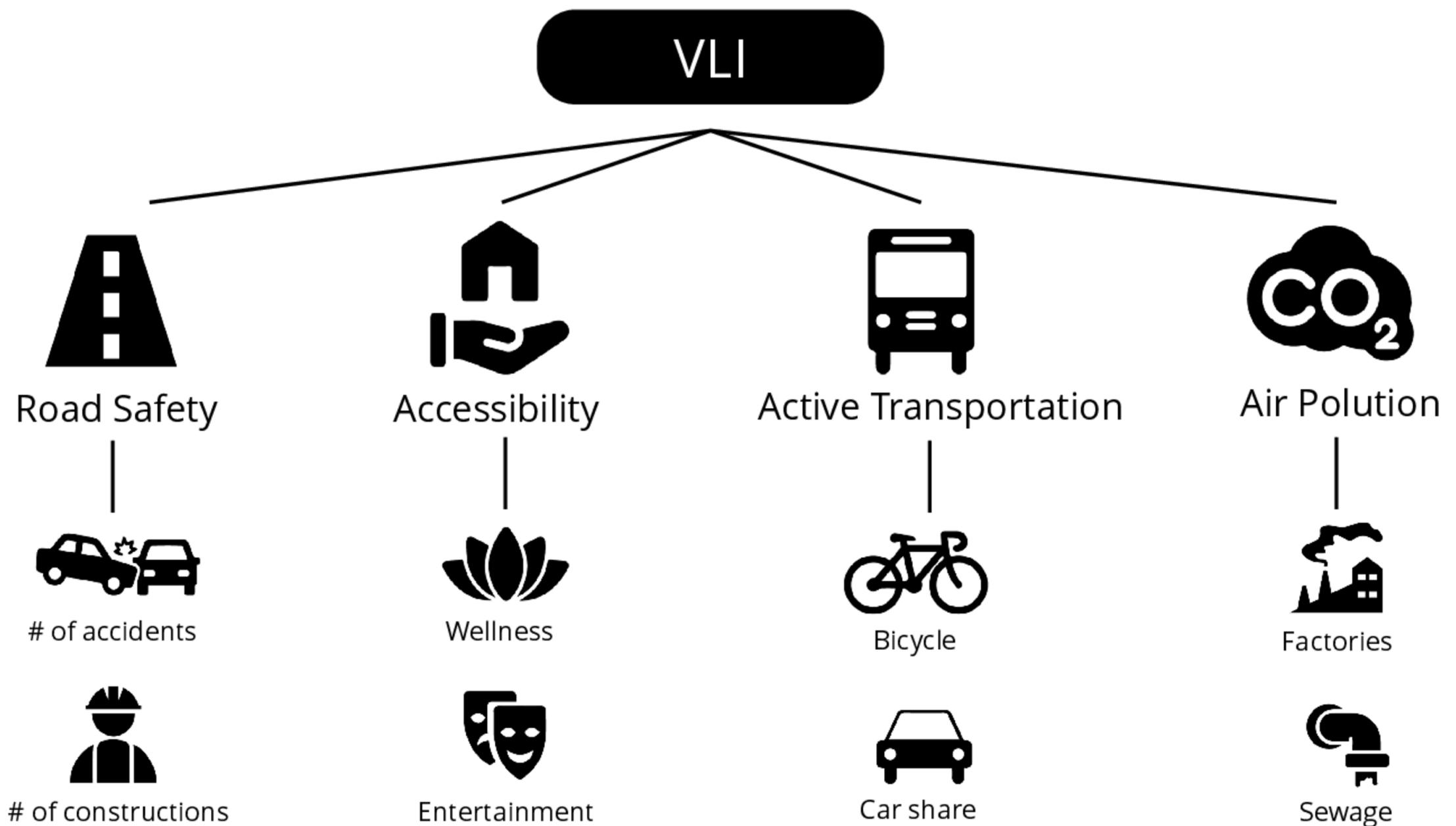
- Index to measure and monitor transportation related metrics
- Segmented by neighborhoods

WHY?

- Shows consolidated scores on critical metrics
- Synthesizes data from various sources on a single dashboard
- Assist policymakers to identify the neighborhood in need and make informed decisions

OUR SOLUTION & OUR VISION

Make road use more efficient, and cost worthy.



OUR FOCUS

Road safety and accessibility for seniors.

In the next 40 years,



We chose to focus on:

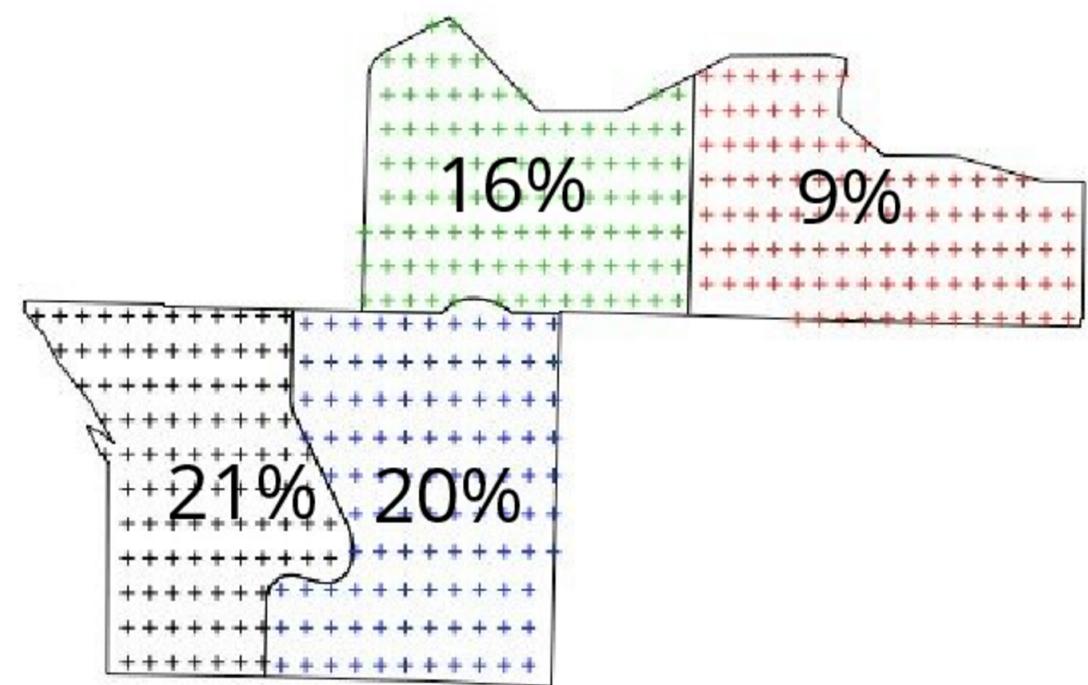


Road Safety



Accessibility

Percentage of seniors

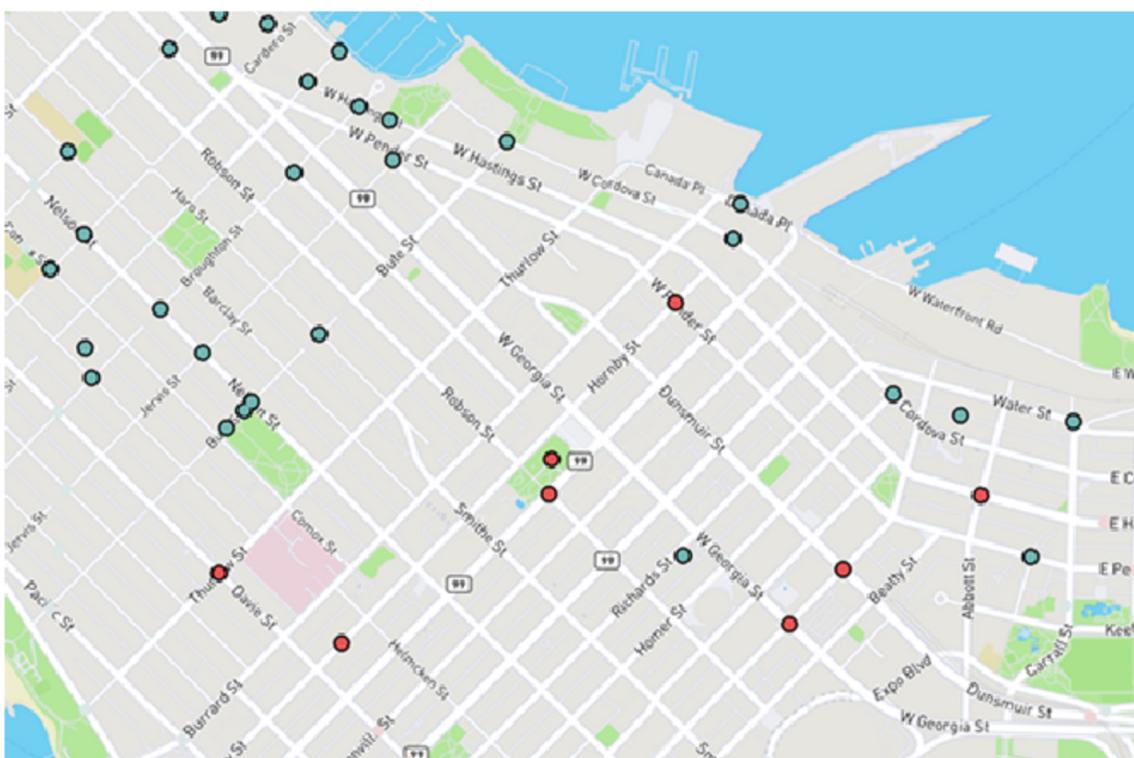


ROAD SAFETY

Road safety and accessibility for seniors.



More fatalities when road conditions are bad and visibility is low.

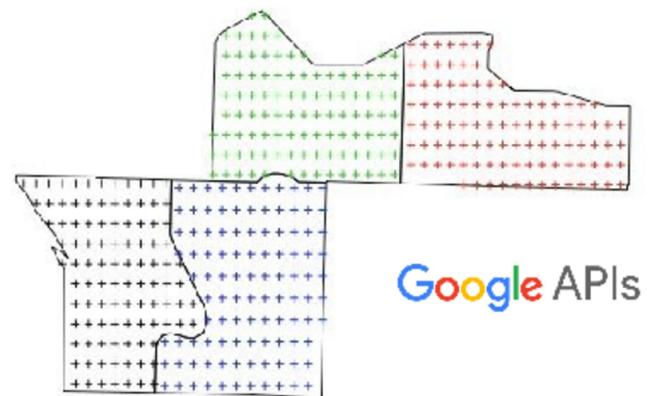


Accidents are concentrated in areas with low road safety devices.

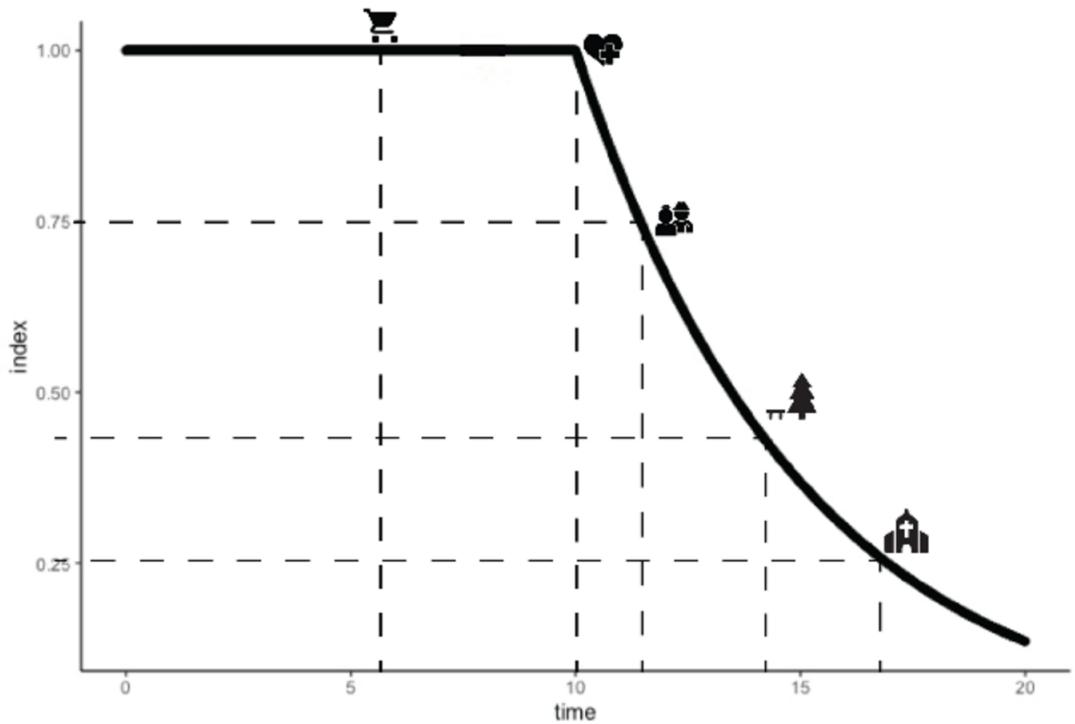
● Speed Bump
● Fatality

ACCESSIBILITY

Road safety and accessibility for seniors.



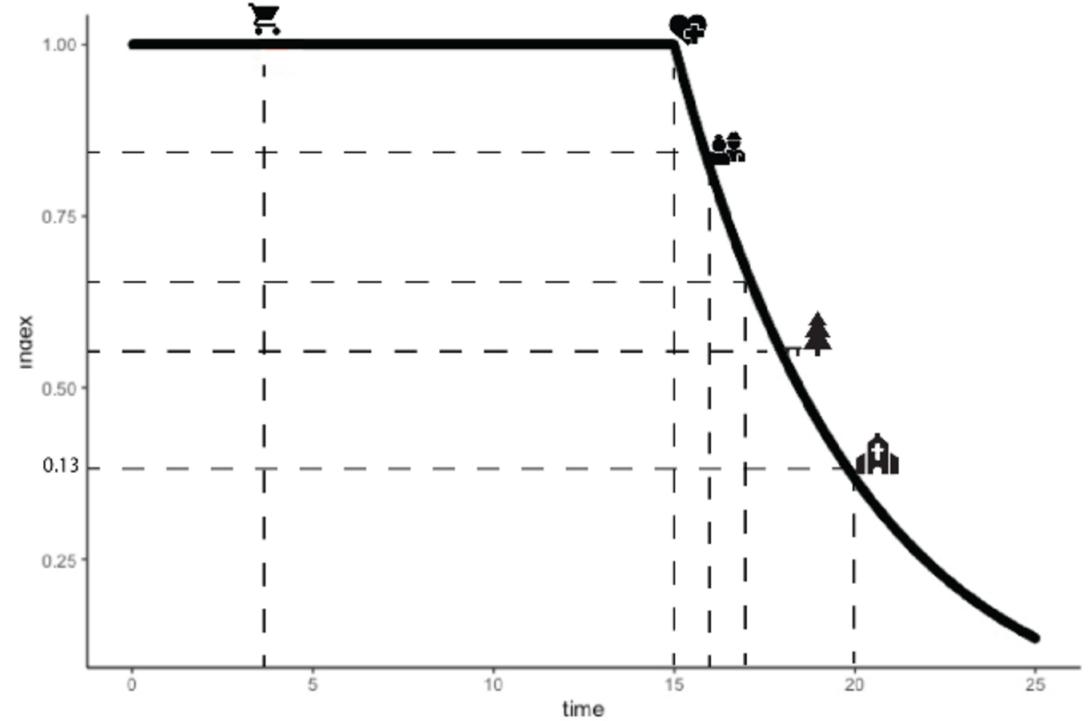
Walk



$$\text{Walking_Index} = \text{avg}(1, 0.88, 0.75, 0.4, 0.25)$$

$$= 0.66$$

Transit



$$\text{Transit_Index} = \text{avg}(1, 0.88, 0.6, 0.55, 0.13)$$

$$= 0.63$$

$$\text{Accessibility_Index} = (\text{Walking_Index} + \text{Transit_Index}) / 2$$

$$= 0.65$$

LOOKING INTO THE FUTURE



Informed Decision Making



Maximize Local Benefit



Achieve Goals



Improved Transparency

THE PRODUCT

Easy to use and clear to see.

THANK YOU

Feel free to contact us.