

Context Setting

Co-Creating Connected Communities: 15-minute Neighbourhoods in Surrey, BC

Let's begin!

Territorial Acknowledgement

We would like to acknowledge that we are gathered on the traditional and unceded territories of the Kwantlen, Musqueam, Katzie, Semiahmoo, Tsawwassen, Qayqayt, and Kwikwetlem peoples. We thank them for their stewardship, care, and leadership on these lands.



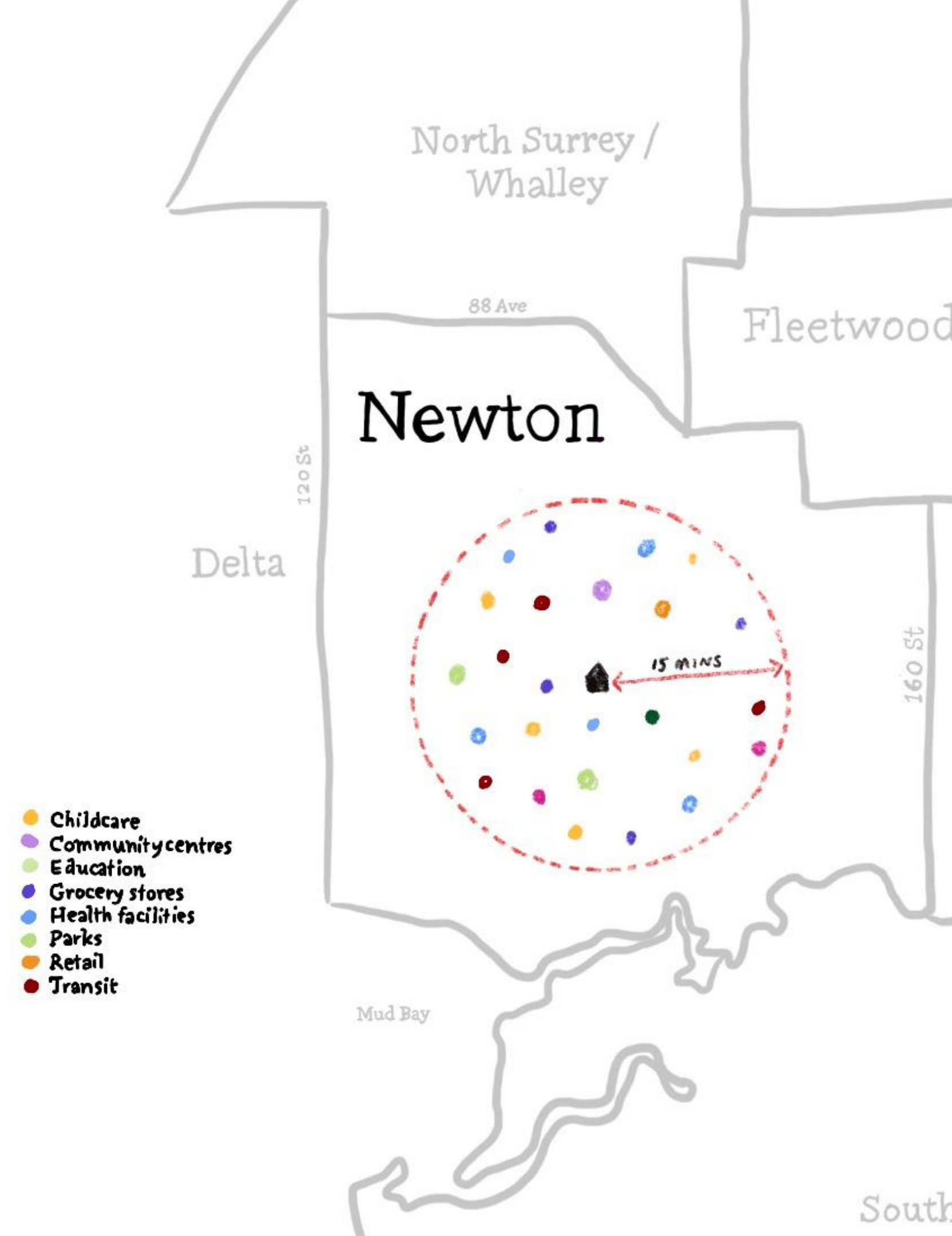
"We are all connected to this land" by Phyllis Atkins

What is a 15-minute neighbourhood?

A 15-minute neighbourhood is where all essential services are within a 15-minute walk, cycle, or public transit ride from one's home.

The current car-centric design of neighbourhoods in Surrey perpetuates numerous social, health, and economic disparities.

The 15-minute neighbourhood approach seeks to address these issues by ensuring that neighbourhoods are more walkable, inclusive, and socially, financially, and economically resilient.



Benefits

1

Improved access to services (Moreno et al., 2021)

2

Better walking and cycling infrastructure (Gaglione et al., 2022)

3

Reduced pollution (Allam et al., 2022)

4

Improved cardiovascular health (Weng et al., 2019)

5

Sustainable and mixed housing designs (Pozoukidou & Chatziyiannaki, 2021)



Photo courtesy of City of Surrey

Why Surrey?

Surrey....

- Has a large population
- Is rapidly expanding
- Lacks mobility options
- Is highly diverse
- Faces many inequities



Concerns

- 1 It comes from Europe, would it work here? (Birkenfeld et al., 2023)
- 2 Are road safety/infrastructure improving? (Abdelfattah et al., 2022)
- 3 Would it increase cost of living? (Markley, 2018)
- 4 Will Surrey residents have the services near them that they want?



Photo courtesy of City of Surrey

Workshop structure

- Define the concept
- Show this 15-minute neighbourhood map (created with data from several local and federal data sources) and seek input from participants as to whether it matches their lived experiences
- Define which essential services are most important for residents to have within a 15-minute walk/cycle/transit,



Parks



Transit



Education



Health facilities

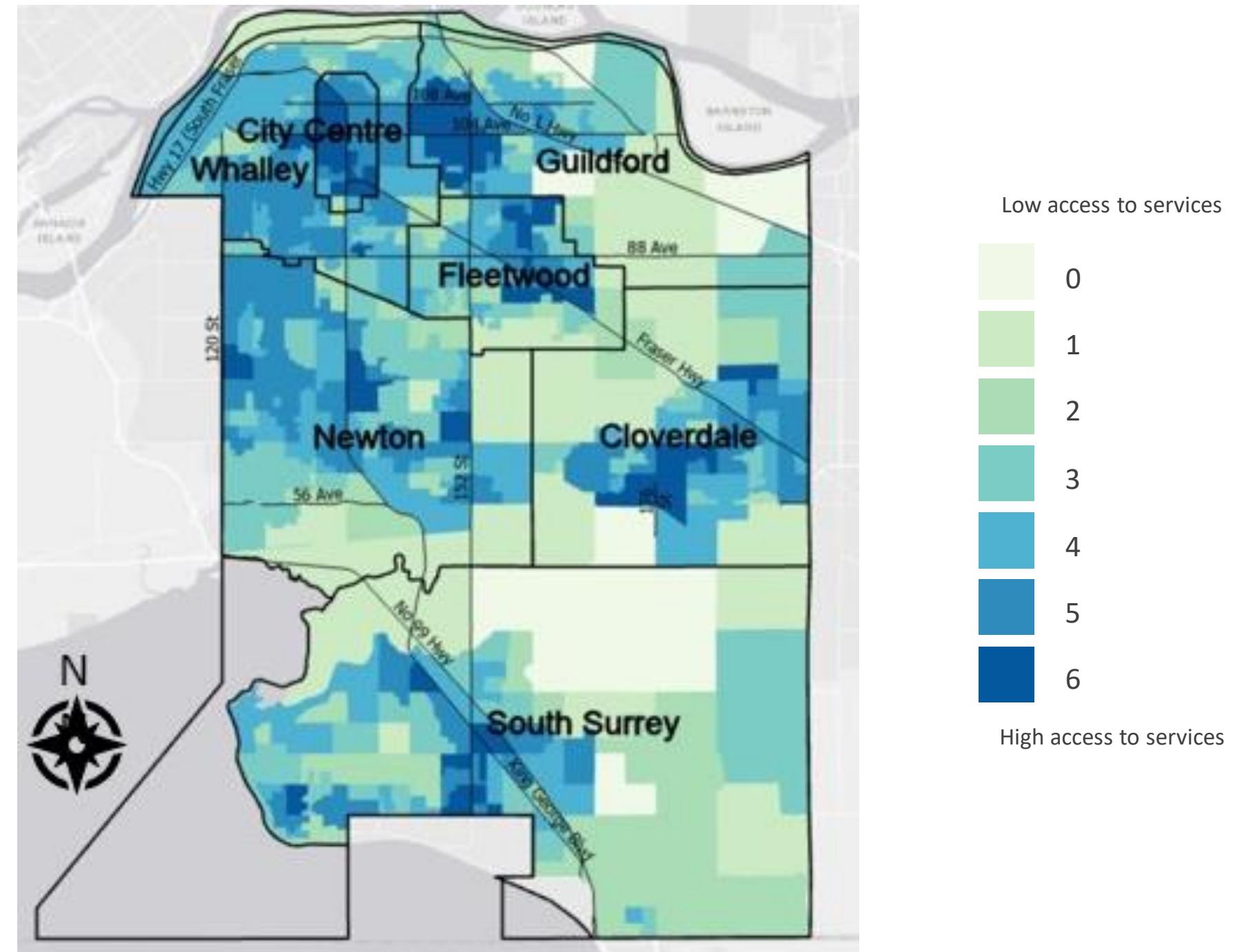


Community centres



Grocery stores

Number of essential service types (range 0-6) accessible within 15 minutes by walking (4.8 km/h)



Further Information

Want to learn more: <https://chatrlab.ca/projects/15-minute-neighborhoods/> or at <https://www.sfu.ca/reach-cities.html>

Be in touch: aayushs@sfu.ca



That's a wrap!

Thanks for
listening!

