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Atlas
The Atlas of Sustainable City Transport

Turning Data Into Policy with

The Atlas of Sustainable City Transport

Release Webinar
15 May 2024

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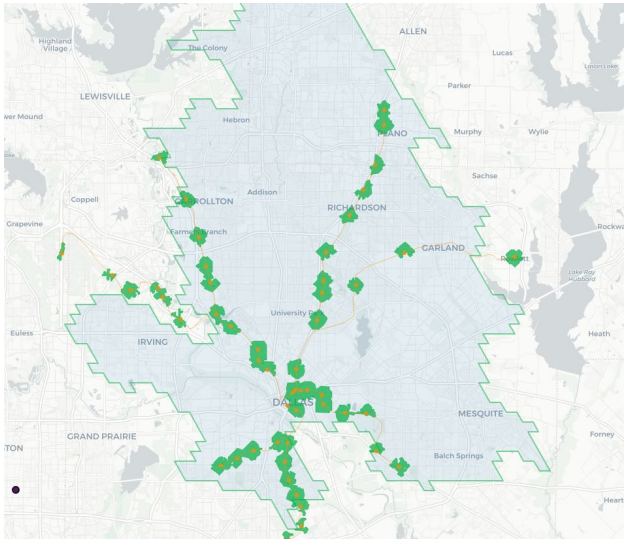
Choosing the Right Indicator

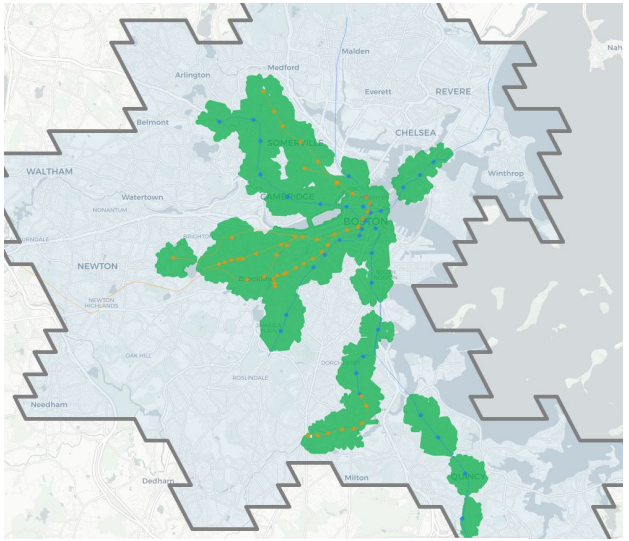
Atlas
The Atlas of Sustainable City Transport

Dallas



116 km of light rail

Boston



107 km of metro + light rail

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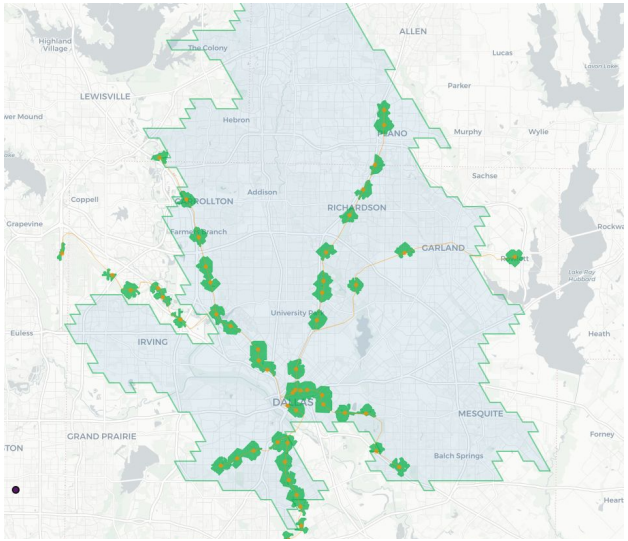
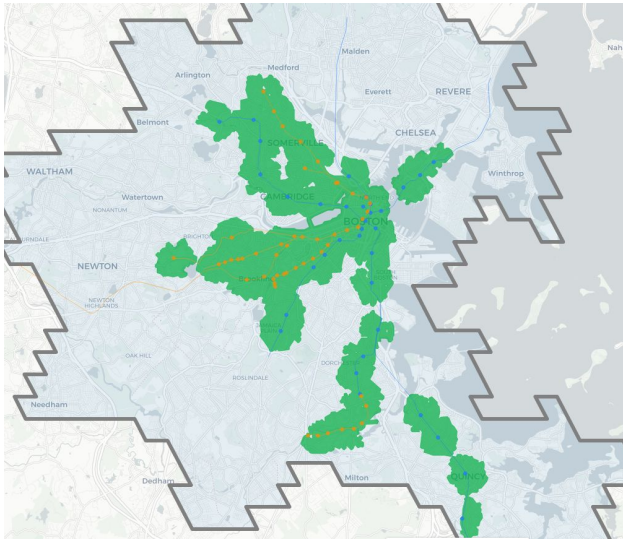


116 km of light rail
23 km per million people

Boston



107 km of metro + light rail
23 km per million people

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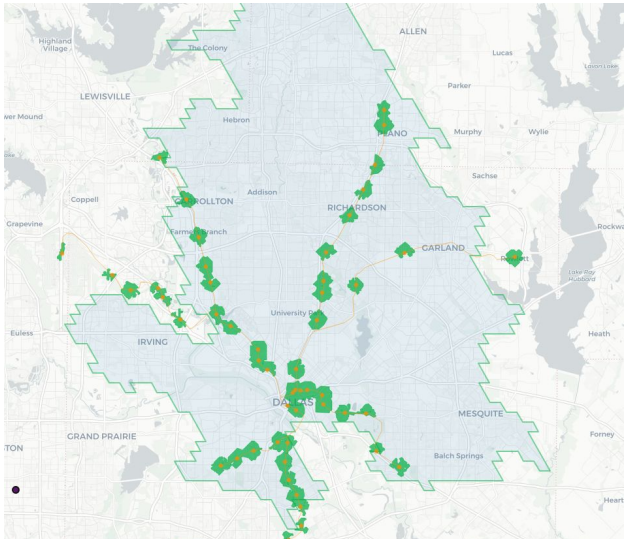
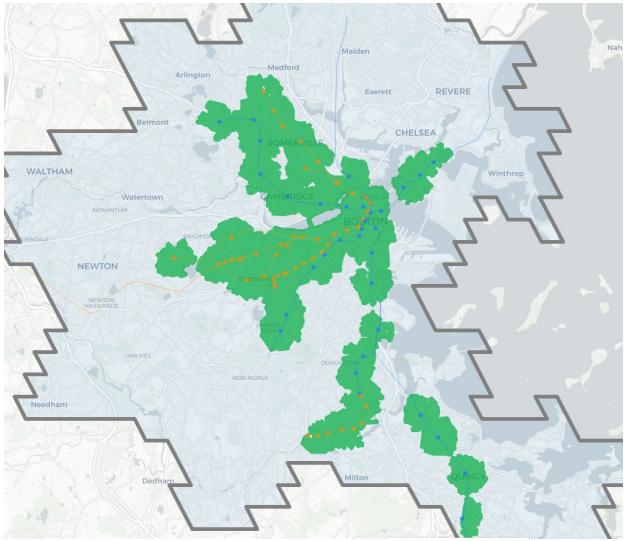


116 km of light rail
23 km per million people
5% of residents within walking distance

Boston



107 km of metro + light rail
23 km per million people
34% of residents within walking distance

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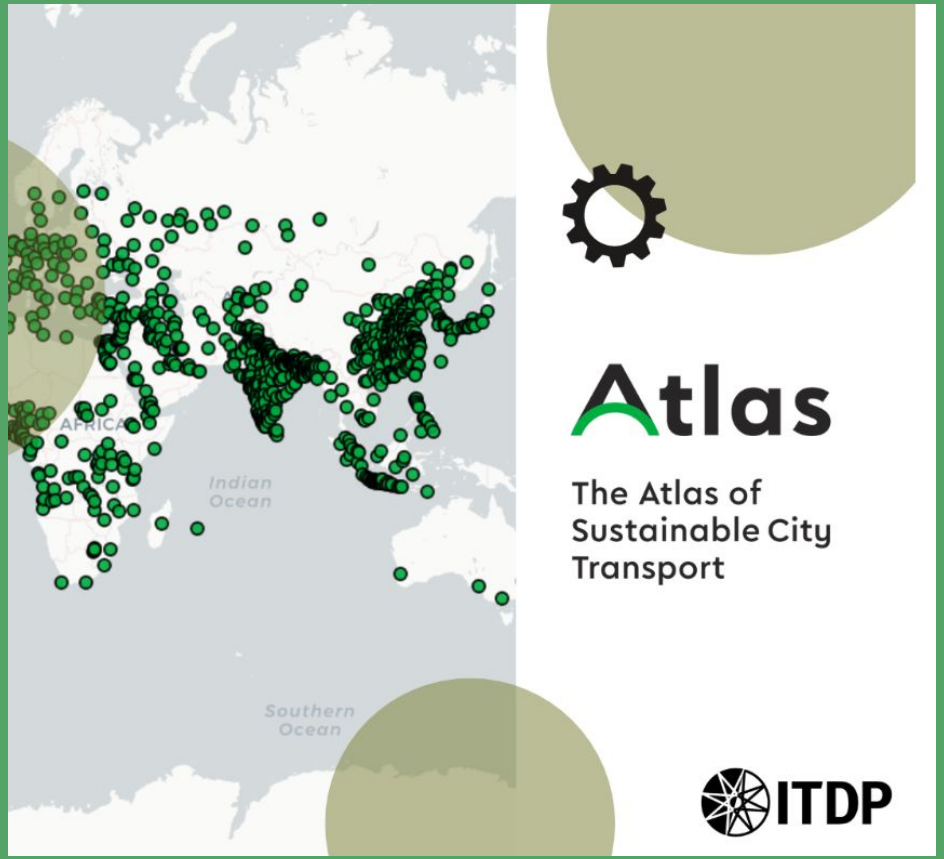

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INDICATOR

People Near Services

2024

IN

Select an urban area

THE WORLD

58 %

COMPARED TO OTHER REGIONS

RANKING

1	Vatican City	93 %
2	Greece	92 %
3	France	89 %
4	Austria	89 %
5	Ireland	88 %
6	Norway	87 %

COMPARE

INDICATOR

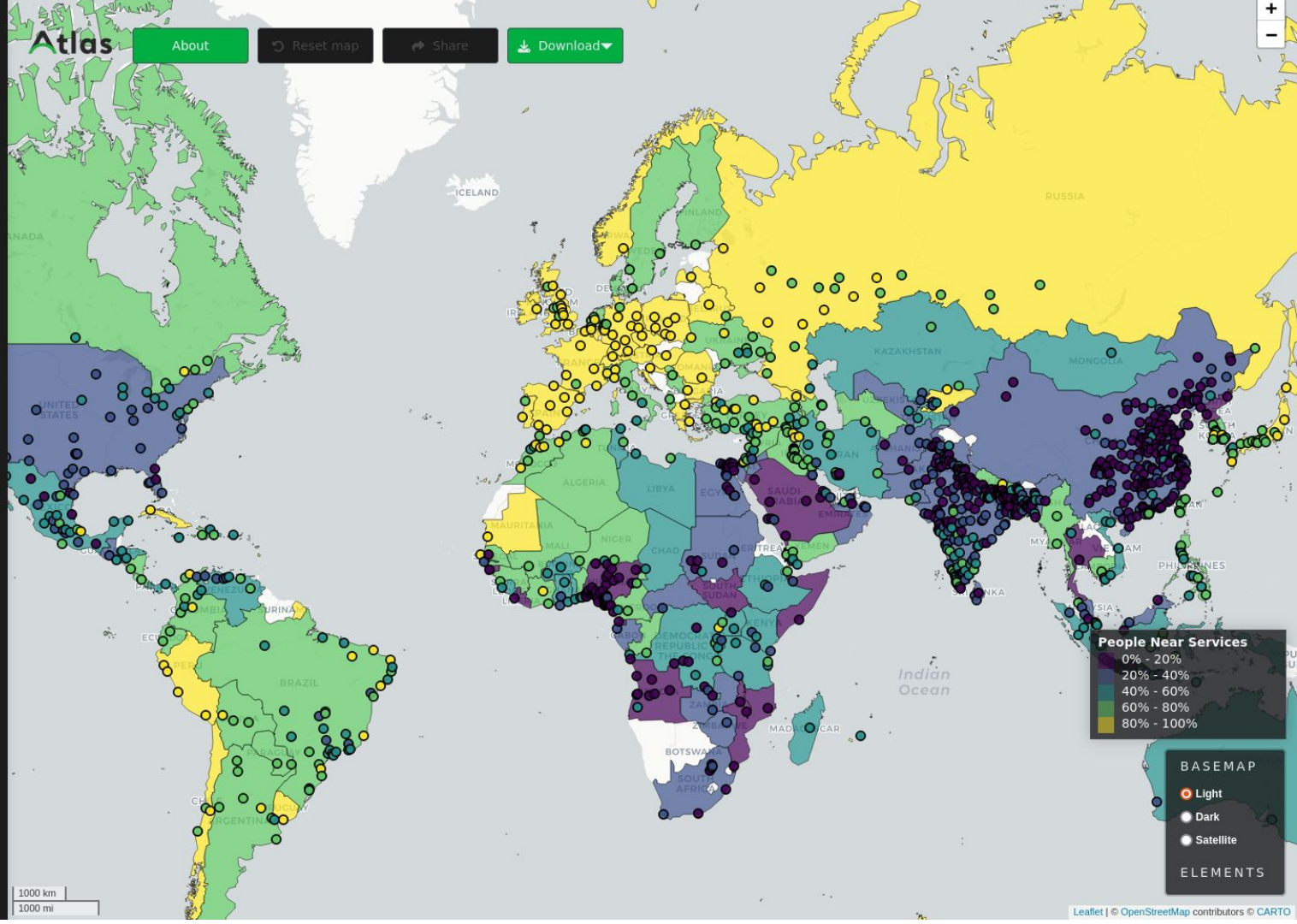
People Near Services

People Near Services measures the percentage of an area's population living within walking distance (1km) of some form of both healthcare and education services. Proximity is the first requirement for walkability. In a city where people live within a 15-minute walk of their daily needs, they will be able to live without a car.

Walking is environmentally sustainable, cost-effective, economically productive, and beneficial for both physical and mental health.

In in **2024**, we identified healthcare services and education services. We found that % of people live within a 1km walk of healthcare; % of people live within a 1km walk of education, and % of people live within a 1km walk of both.

A high score on this indicator does not guarantee walkability. Safe infrastructure, like wide sidewalks



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Nine indicators

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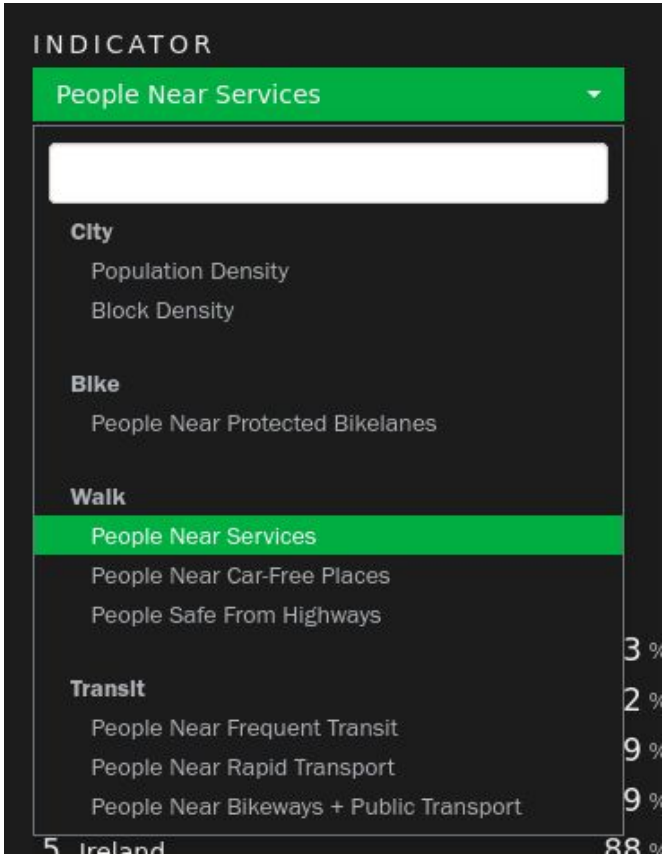


INDICATOR

People Near Protected Bikelanes

2024

IN

The Santiago area

AT THE LEVEL OF

Agglomeration

26% of people in **The Santiago area** live within a 300m walk of a protected bikeway.

COMPARED TO OTHER REGIONS

Ranks **83** out of **1095** in the world +

Ranks **2** out of **3** in the country +

COMPARE

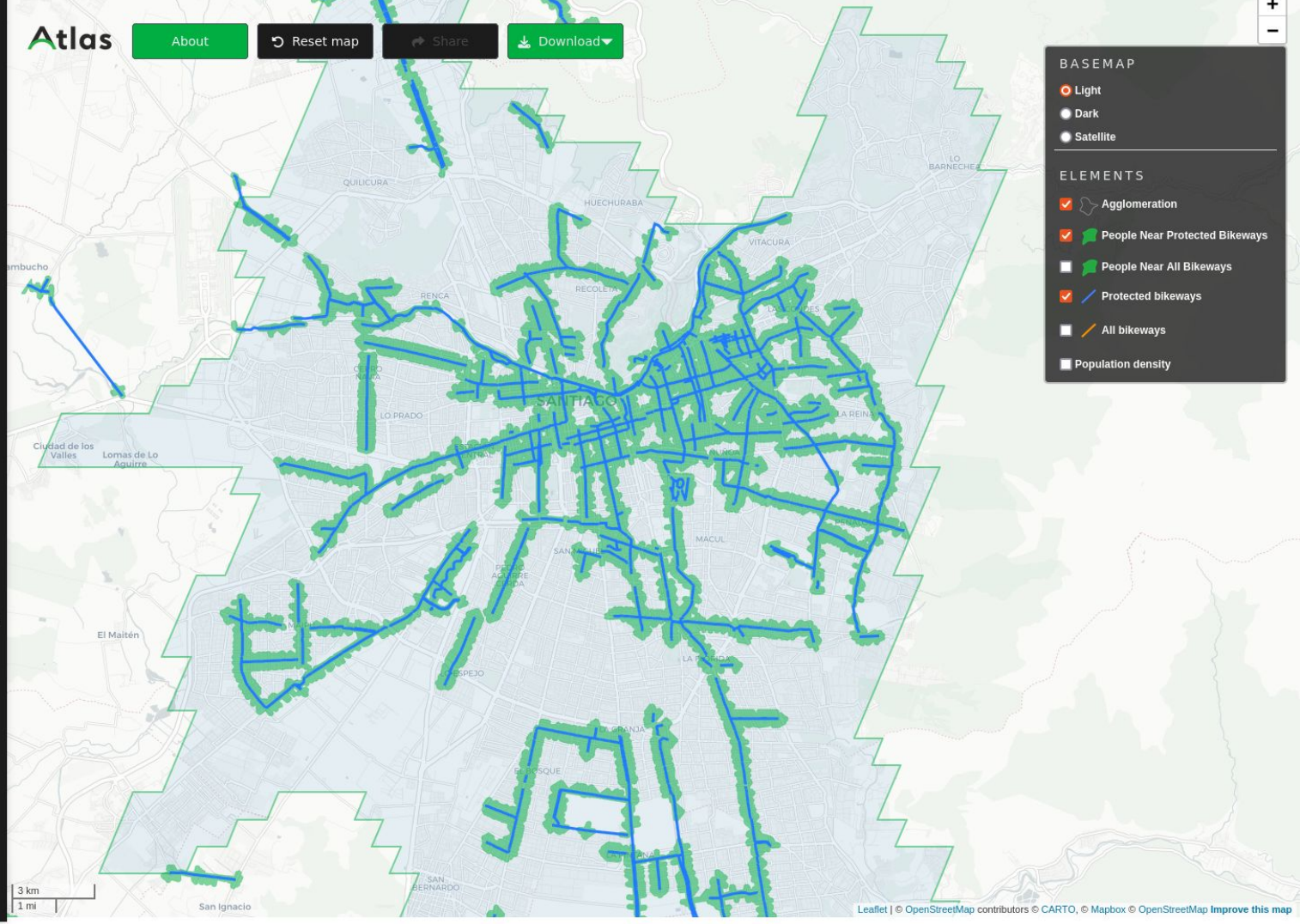
INDICATOR

People Near Protected Bikeways

People Near Protected Bikeways measures the percentage of the population which lives within 300 meters, walking distance, of a physically-protected bikeway. Citywide networks of physically-protected bicycle lanes are the most important factor in encouraging people to use cycling as their preferred mode of transportation.

In **The Santiago area**, in **2024**, **26**% of residents live within a 300m walk of a physically protected bikeway. More generally, **27**% of residents lived within a 300m walk of any bikeway, protected or unprotected. In **The Santiago area**, in **2024**, there were **513** kilometers of bikeways, of which **450** were physically protected.

Studies have shown that most people would ride a bicycle for transport if it felt safe, but they choose not to because the existing streets feel too dangerous. In cities that provide extensive, well-



INDICATOR

People Near Protected Bikelanes

2024

IN

The Santiago area

AT THE LEVEL OF

Communes

Click on the map to select an analysis area

COMPARED TO OTHER REGIONS

COMPARE

INDICATOR

People Near Protected Bikeways

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Studies have shown that most people would ride a bicycle for transport if it felt safe, but they choose not to because the existing streets feel too dangerous. In cities that provide extensive, well-connected networks of physically protected bikeways, large numbers of people cycle to get around. Increased cycling saves individuals time and money and improves their health. It also reduces air and noise pollution, carbon emissions, and healthcare costs. Protected bikeways reduce congestion, promote local economic development, and make streets safer and more pleasant, not only for cyclists but also for motorists and pedestrians.

Atlas

About

Reset map

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BASEMAP

Light

Dark

Satellite

ELEMENTS

Communes

People Near Protected Bikeways

People Near All Bikeways

Protected bikeways

All bikeways

Population density

People Near Protected Bikeways

0% - 20%

20% - 40%

40% - 60%

60% - 80%

80% - 100%

3 km

1 mi

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INDICATOR

People Near Frequent Transit

2024

IN

The Seattle / Bellevue area

AT THE LEVEL OF

Agglomeration

28% of people in **The Seattle / Bellevue area** live within 500m of a transport stop where a bus or train comes every 10 minutes or sooner.

COMPARED TO OTHER REGIONS

Ranks **76** out of **1095** in the world +

Ranks **8** out of **54** in the country +

COMPARE

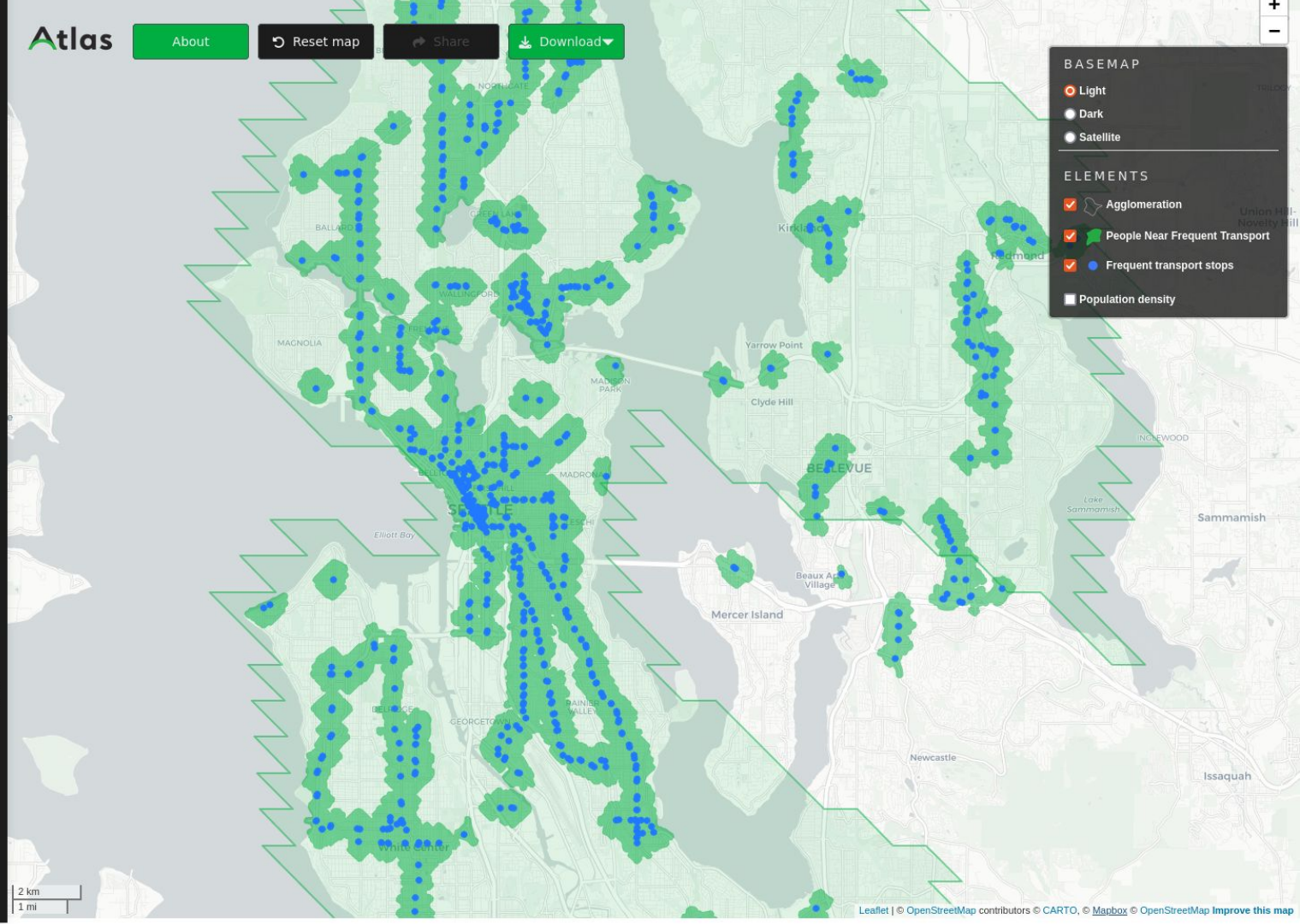
INDICATOR

People Near Frequent Transport

People Near Frequent Transport measures the percentage of an area's population living within walking distance (500m) of a transport station with service in both directions with headways of 10 minutes or less from 5 a.m. to 9 p.m. on a weekday. Such frequencies are necessary for public transport to be consistently reliable for people to make trips.

In **The Seattle / Bellevue area** in **2024**, there were **1883** transit stops where a bus, train, or other vehicle stops at least every 10 minutes throughout the day. **28**% of people live within 500m of one.

Frequent transport connects different city neighborhoods, allowing all residents, including those with mobility impairments or young children, to reach the wide variety of destinations necessary to live a fulfilling life.



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Comparison within a country

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Thank you

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Implementation consultant:

TRANSITAR Consultoría

Reviewers + partners:

Listing organizations here is meant only to thank their staff for guidance, not to imply that they endorse the data presented in the Atlas.