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Assessment Methods

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[Insert pretty picture]

The goal of the Assessment Method is to provide a standard method for cities and neighborhoods to understand existing neighborhood performance, set targets, and develop strategy recommendations in pursuit of district-wide sustainability.

About This Site

PoSI



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[XXX Insert Flowchart]

Assessment Method Overview

The EcoDistricts Assessment Methods is one of many tools that support Portland's EcoDistricts Initiative, which is a strategy to promote neighborhood scale sustainability innovation zones.

The goal of the Assessment Method is to provide a standard method for cities and neighborhoods to understand existing neighborhood performance, set targets, and develop strategy recommendations in pursuit of district-wide sustainability. By taking this broad and integrated perspective across scales and Performance Areas, it is easier to identify the strategies with the greatest impact in a particular neighborhood.

The Method is organized by the nine EcoDistrict Performance Areas to support a more rigorous approach to understanding integrated sustainability impacts. The assessment process includes a combination of data and engagement driven analysis. It consists of ten inter-related steps, which intend to inform decisions (by individuals, neighborhoods, cities, utilities, and developers) that lead to project implementation and ongoing monitoring that supports sustainability improvements over time.

The Method is coordinated with a prototype database designed to collect and visualize EcoDistrict performance and monitor change over time through regular data updates. The database is publicly available as part of this website, in [EcoDistricts Map](#), and contains limited metrics with baseline information about Portland's five pilot EcoDistricts.

Assessment Methods Steps

The Assessment Method is a series of ten steps:

1. Gather information and create baseline
2. Set targets
3. Match EcoDistrict character with unique opportunities



Resources

Assessment Methods

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Resources⁺

EcoDistricts

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These additional tools are available to help with the Assessment Methods. Please see the user's guide for more information [XXX insert link to file]

Database [XXX insert link to file]: The database contains immediately accessible empirical indicators related to each performance area. Housed within an online platform, the database has a consistent geography (U.S. Census Block), but varies in temporal resolution for each performance area.

EcoDistricts Existing Characteristics List [XXX insert link to file]: A set of physical, regulatory, community, and socio-economic characteristics that provide context and understanding of the unique aspects of EcoDistricts. Some of this information is available in the database, while other information will be gathered from policy documents or other sources. These characteristics will help to identify opportunities and challenges within the EcoDistricts.

Strategy Worksheets [XXX insert link to file]: Worksheets for each Performance Area are set up to guide the EcoDistricts as examples of ways to consider a variety of strategies and identify those with the strongest potential to meet targets.

Correlation Matrix [XXX insert link to file]: A template to compare strategies across all Performance Areas for correlation with Goals, other strategies, and a variety of criteria. The Correlation Matrix is a graphic tool to help EcoDistricts establish priorities among potential strategies based on the strategies that support the most performance goals.

About This Site

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Lloyd District

Context

Land Use/Built Form

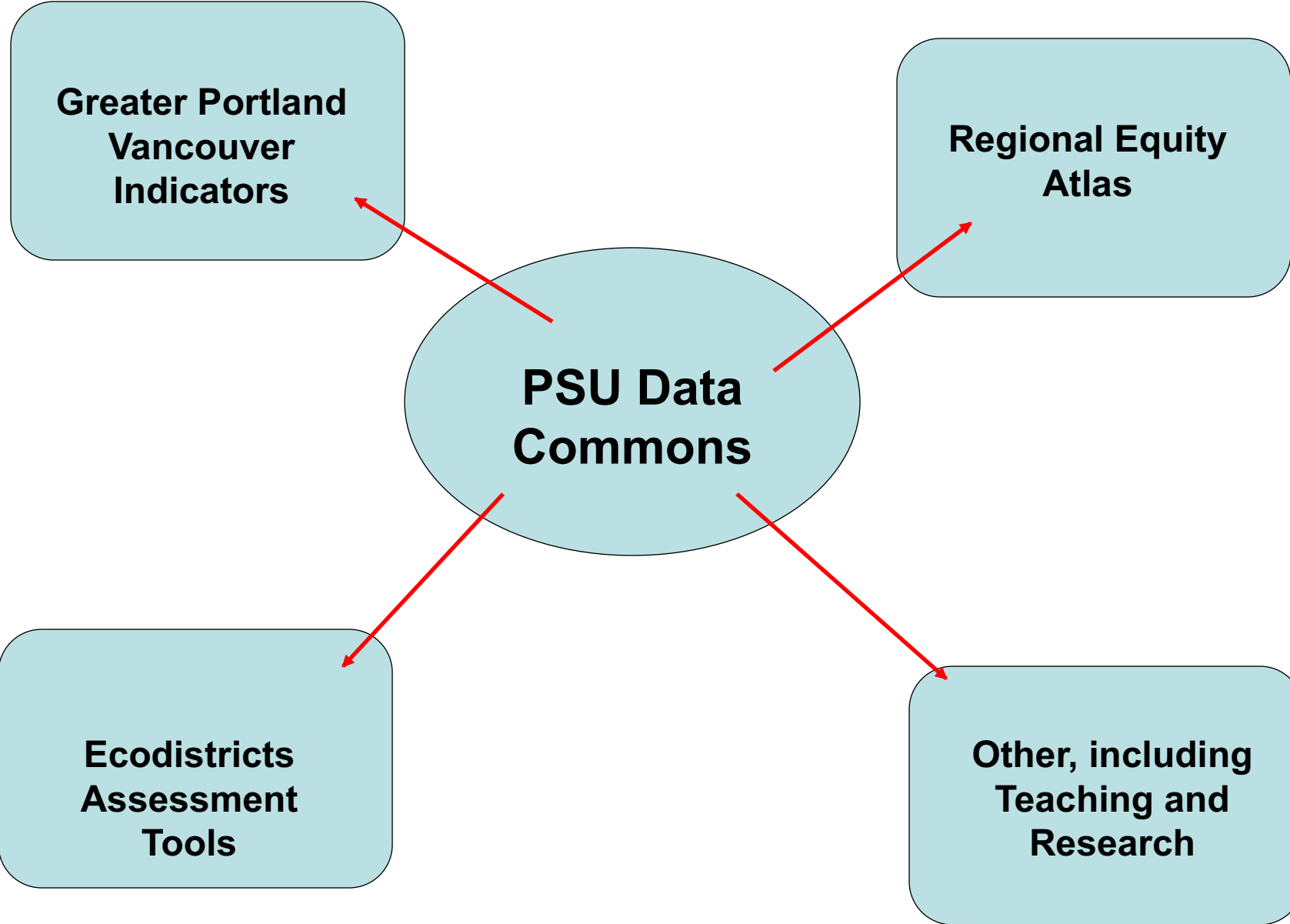
The Lloyd District is located just east of Portland's central business district across the Willamette River. The area includes 275 acres and over 21,000 employees. It consists primarily of commercial buildings, as shown in the table below. Most people utilize this district for shopping, attending conferences, sporting and other entertainment events. According to the Lloyd Crossing study in 2004, 56% of the project area (only 35 acres) square footage was office/retail space, while only 7% was used for residential purposes. 25% was dedicated to above grade parking. The study also calculated a 20:1 job to resident ratio. Building coverage is dense, including many high-rise structures, typical of an urban downtown core. In fact, the Lloyd District has been included in the Portland Downtown designation since 1985, though Lloyd utilizes the superblock structure, instead of the unique 200-square foot blocks found in Portland's center. The district is dominated by impervious surface and lacks green open space. The Lloyd Crossing study area consists of only 14.5% tree canopy. While the district is well served by public transit, automobile infrastructure serves as major boundaries between the Lloyd District and surrounding neighborhoods.

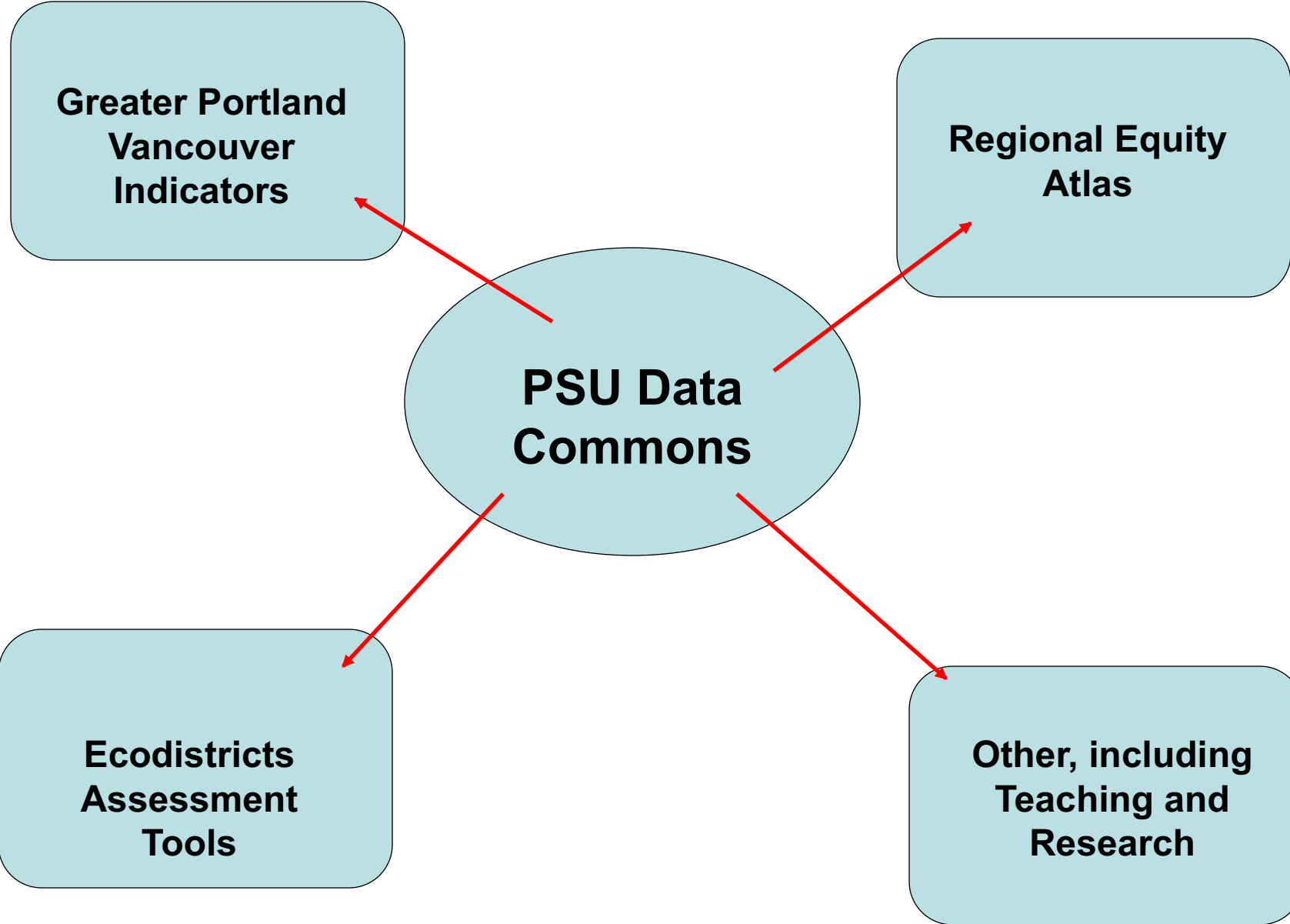
Demographics

Most "stakeholders" in the Lloyd districts are employees and business owners who commute into the district for the workday. These are primarily middle to upper middle class educated workers who go home to other parts of the City. There are limited residents in the district (only one person per acre), with primarily individual households, many of which are rental apartments. The median income of the residential population is about \$35,000.

Ownership

Key property owners include the Lloyd Center Mall, Oregon Convention Center (OCC), Liberty Center, Bonneville Power, State of Oregon and Rose Garden Arena. The Lloyd District is uniquely well positioned to become an EcoDistrict because the district stakeholders have a long history of partnership, self-organization and joint funding for district priorities. In 1994, property owners and businesses within the District formed the Lloyd Transportation Management Association (TMA) to reduce single occupancy vehicle travel.





Django administration

Home > Metrics > Performance areas

Select performance area to change

Action:	-----	Go	0 of 9 selected
<input type="checkbox"/>	Name		
<input type="checkbox"/>	Equitable Development		
<input type="checkbox"/>	Placemaking		
<input type="checkbox"/>	Materials Management		
<input type="checkbox"/>	Habitat & Ecosystem Function		
<input type="checkbox"/>	Water		
<input type="checkbox"/>	Access & Mobility		
<input type="checkbox"/>	Energy		
<input type="checkbox"/>	Air Quality & Carbon		
<input type="checkbox"/>	Social Cohesion		
9 performance areas			

Django administration

Home › Metrics › Performance metrics

Select performance metric to change

Action:	<input type="text" value="-----"/>	<input type="button" value="Go"/>	0 of 64 selected
<input type="checkbox"/>	Name	Performance area	Column
<input type="checkbox"/>	Diesel	Air Quality & Carbon	dpm2_MN
<input type="checkbox"/>	Benzene	Air Quality & Carbon	benz2_MN
<input type="checkbox"/>	Solar Potential	Energy	roof_area
<input type="checkbox"/>	20 Minute Neighborhood Score	Access & Mobility	20m_eqMN
<input type="checkbox"/>	Downspout Disconnect	Water	PCT_DISCO
<input type="checkbox"/>	Water Usage	Water	Water
<input type="checkbox"/>	Greenstreets	Habitat & Ecosystem Function	PCT_GRNST
<input type="checkbox"/>	Ratio of pervious to impervious ground cover	Habitat & Ecosystem Function	RATIO

De

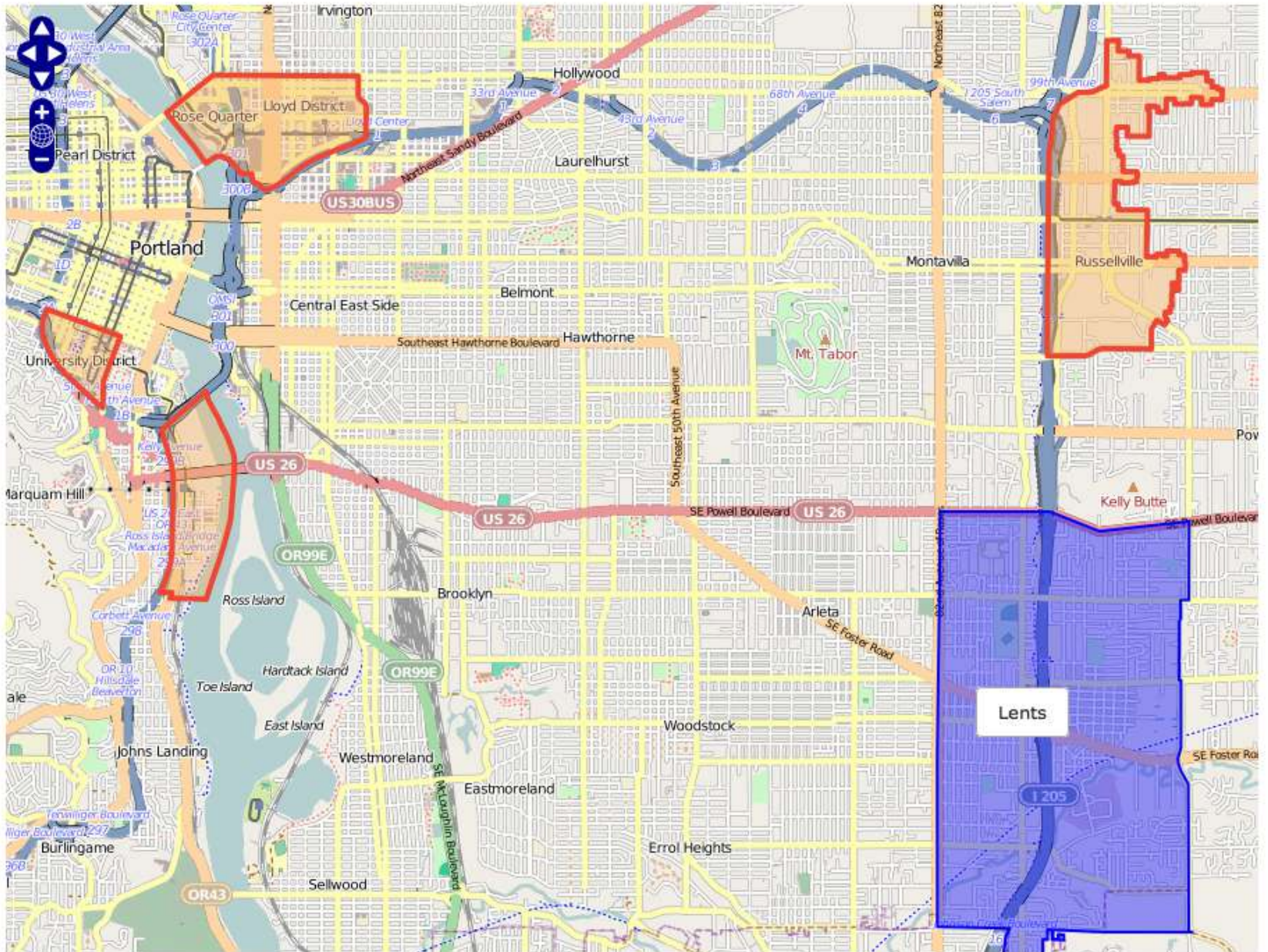
Geometries:
Census Tract
Zip code
Neighborhood,
Etc

Each with a
unique geometry
id



Attribute data:
Geom_ID
Attribute
Value
Year

Gateway	Lents	Lloyd District	South Waterfront	Portland State University
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Layers

- ▶ Air Quality & Carbon
- ▶ Energy
- ▼ **Access & Mobility**
 - ▼ **20 Minute Neighborhood Score**
 - 2009
- ▶ Water
- ▶ Habitat & Ecosystem Function

District Info

Population 605
 Acres 350.7
 Number of Households 456
 Number of Housing Units 555

20 Minute Neighborhood Score

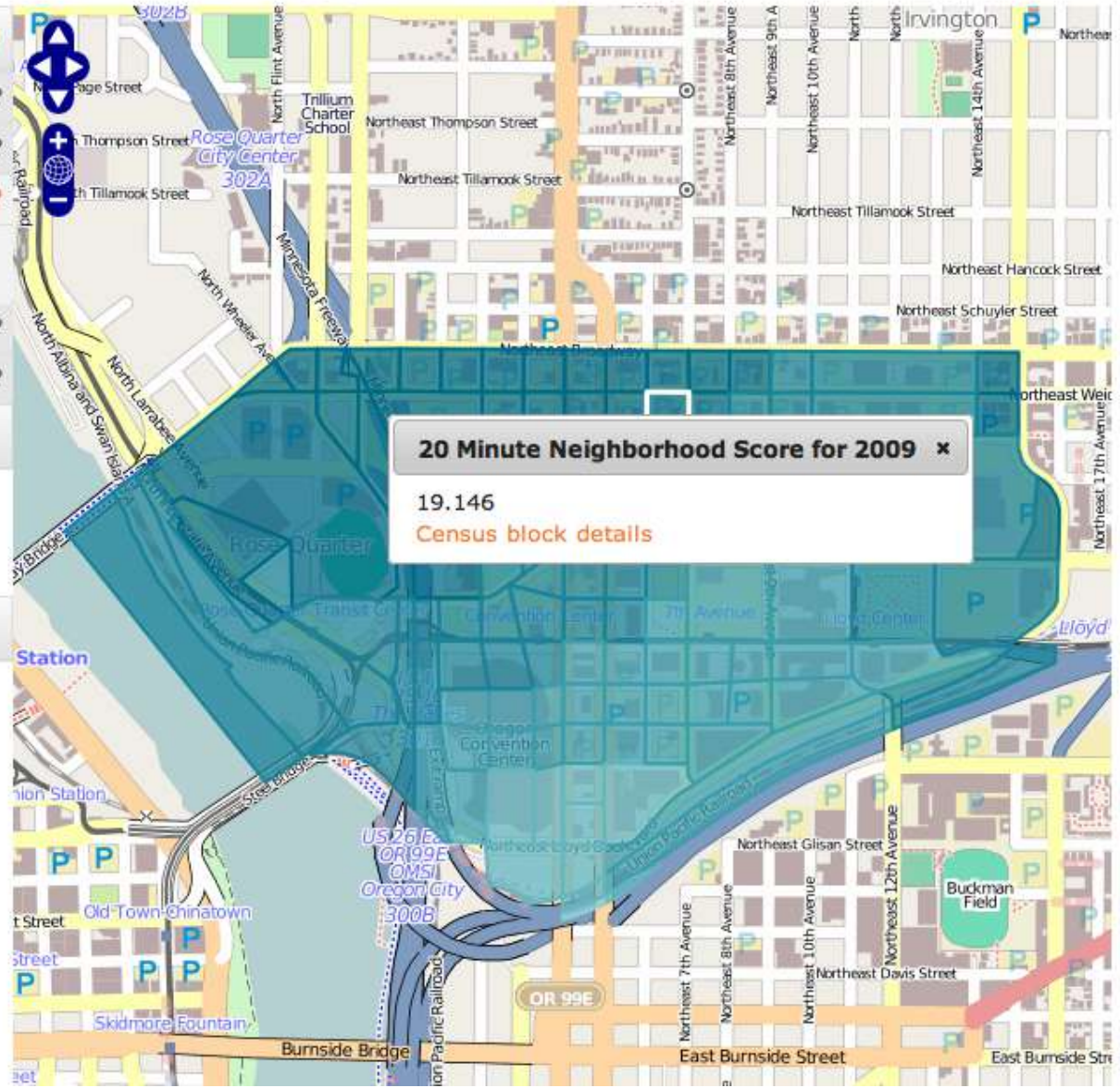
District 20 Minute Neighborhood

Score Distribution

Median 17.437
 Mean 17.416
 Std Dev 1.904
 Min 11.166
 Max 21.804

Description

An aggregate of many layers of data related to walkability



20 Minute Neighborhood Score for 2009 ✕

19.146

[Census block details](#)

Layers

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District Info

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20 Minute Neighborhood Score

District 20 Minute Neighborhood

Score Distribution

Median 17.437
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Min 11.166
Max 21.804

Description

An aggregate of many layers of data related to walkability

Census Block Details

Statistics

Acres 1.58
Population 4
Population density (People/Acre) 2.5

Land Use

Land Use Category	Percentage
Commercial	55.2%
Other	44.8%
Single-Family Residential	0.0%
Multi-Family Residential	0.0%
Industrial	0.0%