Towards Sustainable Urban Mobility: Insights from Portland’s Journey

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Is Portland’s transportation system sustainable? Moving towards being sustainable.
We’re often ranked at or near the top

- #1 Sustainable City (sustainlane.com)
- Best Bicycling City (2009, *Bicycling Magazine*)
- #4 Walking City (American Podiatric Medical Ass’n)
- Least likely to encounter road rage (*AutoAdvantage*)
Daily VKT per Capita

- Average of 30 Urban Areas
- Portland-Vancouver

Data from Federal Highway Administration, *Highway Statistics* series
Daily VKT per Capita

- Average of other regions: 33.3
- Portland: 29.9

Data from Federal Highway Administration, *Highway Statistics* series
Daily VKT per Capita

Avg. of other regions

Portland

Average of 30 Urban Areas

Portland-Vancouver

Data from Federal Highway Administration, *Highway Statistics* series
Daily VKT per Capita

Average of 30 Urban Areas

Portland - Vancouver

Data from Federal Highway Administration, *Highway Statistics* series
Annual Transit Trips per Capita (2007)

Data from Texas Transportation Institute, 2009 Urban Mobility Report
Annual Transit Trips per Capita, 1982-2007

Portland

Avg. of other regions
% Commuting by Bicycle (2006-08)

Data from U.S. Census, 2006-08
American Community Survey
Extrapolated from peak period counts

"Crash Rate" represents an indexing of annual reported crashes to daily bicycle trips across the four main bicycle bridges.

*2008 Reported Bicycle Crashes data not yet available
How did Portland get here?
The 200’ Grid
Focus on Downtown
2. A Walkable City
Creative corner entrances, wide sidewalks, awnings and planters make downtown an interesting, comfortable place to walk. Rain or shine, downtown sidewalks are filled with people — strolling, window-shopping or enjoying the view from an outdoor café table.

Nordstrom is recognized as a sponsor of the 1998 Downtown Plan Celebration.

Walk south on Broadway until you reach the Performing Arts Center to find the next marker.
"Hello There" From Portland
Multimodal Focus
State Land Use Planning
Metro (regional government)
Focus on Land Use-Transportation Integration
Population Density, 1990-2008

Portland

Avg. of other regions

People per Square Kilometer


Average of 30 Urban Areas

Portland-Vancouver
Culture of civic engagement
But…
Future Innovation

Portland's Bikeway Network

LEGEND
- Existing Bikeways
  - Off-Street Trails
  - Boulevards
  - Better bike lanes
- Bicycle signals
- Bike Box
- Cross Bikes

FUTURE
Future Innovation
Questions?

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