SDOT’s mission & vision

Mission: delivering a first-rate transportation system for Seattle.

Vision: a vibrant Seattle with connected people, places, and products.
SDOT’s core principles

- Keep it safe
- Provide great service
- Focus on the basics
- Support a thriving economy
- Build healthy communities
Presentation overview

• What is the Traffic Report
• Ways we use the data
• Volume and speeds
• Collisions
• Future data collection
What is the Traffic Report?

This report gives an overall, broad-spectrum picture of the state of traffic in the city of Seattle:

- Volume and Speed
- Traffic Collisions
- Future Data Collection
Ways we use the data

Traffic data is used for many purposes, including:

- Safety reviews
- Safety project prioritization
- Corridor planning
- Maintenance prioritization
- Performance measures
Traffic volume and speed

Traffic volume was **down 3.3 percent** compared to 2011.

The 85th percentile speed decreased at five of the annual speed study locations and increased at the other five.
Bike and pedestrian volume

Bicycle volume was up 4.7 percent from 2011 in the quarterly citywide count program.

Third highest bicycle commute share of large US cities at 3.4 percent.

Average downtown pedestrian volume up 2.4 percent in the Downtown Seattle Association counts.
2012 citywide pedestrian counts

Total pedestrian volume up 18% over 2011
Traffic collisions

11,581 police reported collisions in 2011 compared to 11,339 in 2011.

Second lowest pedestrian fatality rate of large US cities.

Eighth lowest bicycle fatality rate of large US cities.

20 traffic collision fatalities in 2012.
Fatalities on Seattle streets

- Total Fatalities
- Pedestrian Fatalities
- Cyclist Fatalities

Total Fatalities Trend
Citywide collision rate
Traffic collisions - pedestrians

Pedestrian collision rate continues its downward trend even with an uptick in 2012.

Did not grant right of way to pedestrian is still the most common contributing factor.

487 pedestrian-involved collisions and 8 pedestrian fatalities in 2012.
Pedestrian-involved collision rate

Pedestrian Collisions per 100,000 Inhabitants

- Pedestrian Collisions per 100,000
- Collision Rate Trend
Traffic Collisions - Bicycles

The bicycle collision rate continues to decline as a result of increased ridership.

407 bicycle-involved collisions resulting in one fatality in 2012.

Did not grant right of way to bicycle is still the most common contributing factor.
Bicycle Collision Rate

Bicycle Collision Rate per Bicycle Commuter

Bicycle Collisions per Commuter

Future data collection

2013 Report will include:

Data from the Fremont Bridge bicycle counter.

Freight classification data from flow count locations.
Questions?

dongho.chang@seattle.gov | (206) 684-5106

http://www.seattle.gov/transportation