



Transportation Fact Sheet

Towards Carfree Cities VIII

Amount of Oregon's carbon emissions that come from the transportation sector: **53%**

Average time US parents spend behind the wheel every day: **72 minutes**

Time spent with their children daily: **less than 35 minutes**

Average number of hours Portlanders spent stuck in traffic in 2005: **38**

Average number of hours if transit service were discontinued: **46**

Amount an average walking trip (.6 miles) saves over traveling the same distance by car: **\$1.73**

Amount saved by an average cycling trip (2 miles): **\$5.56**

Average annual cost of owning a car in the US: **\$7,823**

Average cost of **one lane-mile** of new urban highway: **\$300,000,000**

Cost of one lane-mile of bicycle infrastructure: **\$2,000**

Number of people killed in motor vehicle related crashes in the United States every year: **42,000**

Odds of death due to being in a traffic crash as a pedestrian: **1:63**

Odds of death due to being in a traffic crash as a cyclist: **1:41**

Odds of death due to being in a traffic crash in a motor vehicle: **1:26**

Frequency of pedestrian deaths in the US: **Every 110 minutes**

Frequency of pedestrian injuries: **Every 9 minutes**

Children raised within this distance of a freeway have increased chances of severe lung problems: **.3 miles**

Average rate of childhood asthma in the US: **7%**

Average rate of childhood asthma among kids living in Portland's I-5 corridor: **13%**

Amount by which motor vehicle emissions can be reduced by eliminating 1% of automobile trips: **4%**

Amount by which allowing commuters to exchange their free parking for cash has been shown to reduce automobile trips: **13%**

Sources: Texas Transportation Institute. Urban Mobility Report 2007. <http://mobility.tamu.edu/ums>; CO2 Emissions from Fossil Fuels by Sector. Sightline Institute, 2008. <http://www.sightline.org/maps/charts/Climate-EmBySector>; Gauderman et al., The Lancet, January 26, 2007; Litman, Todd. Quantifying Benefits of Nonmotorized Transportation For Achieving Mobility Management Objectives. Victoria Transport Policy Institute, 2004; Traffic Safety Facts. National Highway Traffic Safety Administration, 2003. <http://www.nhtsa.dot.gov>; Why Bikes are a Sustainable Wonder. Sightline Institute, 2008. http://www.sightline.org/research/sust_toolkit/solutions/bicycle; The Costs of Traffic Congestion in America. American Road and Transportation Builders Association, 2000. <http://www.artba.org>; Oregon Department of Transportation. Oregon Bicycle and Pedestrian Plan. 1995; American Automobile Association. *Your Driving Costs*. 2007. <http://www.aaa.com>; Odds of Death Due to Injury, United States. National Safety Council, 2005. www.nsc.org; *Regional Equity Atlas*, Coalition for a Livable Future, www.equityatlas.org.

