

Whitman College Commute Options & CO₂ footprints

Making the decision to fly or drive* to Walla Walla from Portland or Seattle? Or deciding how to get back home from Walla Walla? This map compares CO₂ emissions (in metric tons) of different commuting options to and from Whitman College, with the hope that students will consider the environmentally friendly option when traveling.

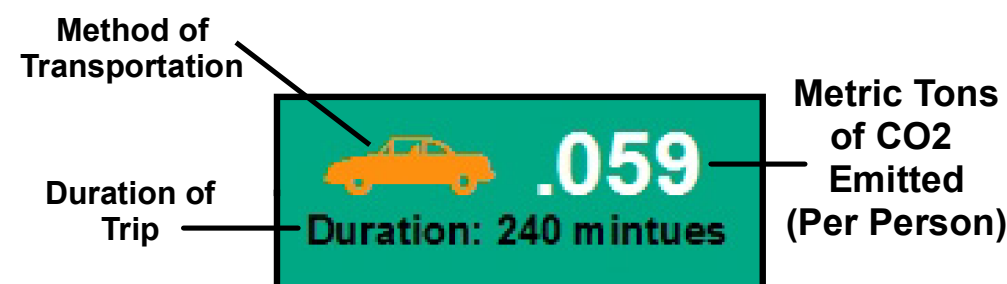
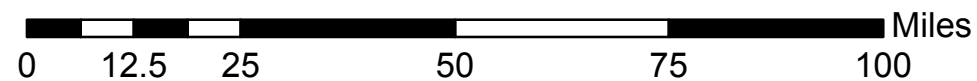
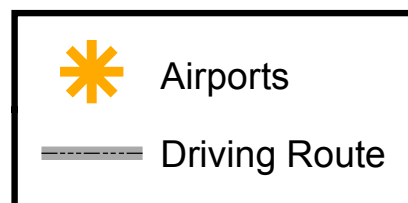
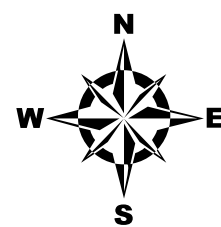
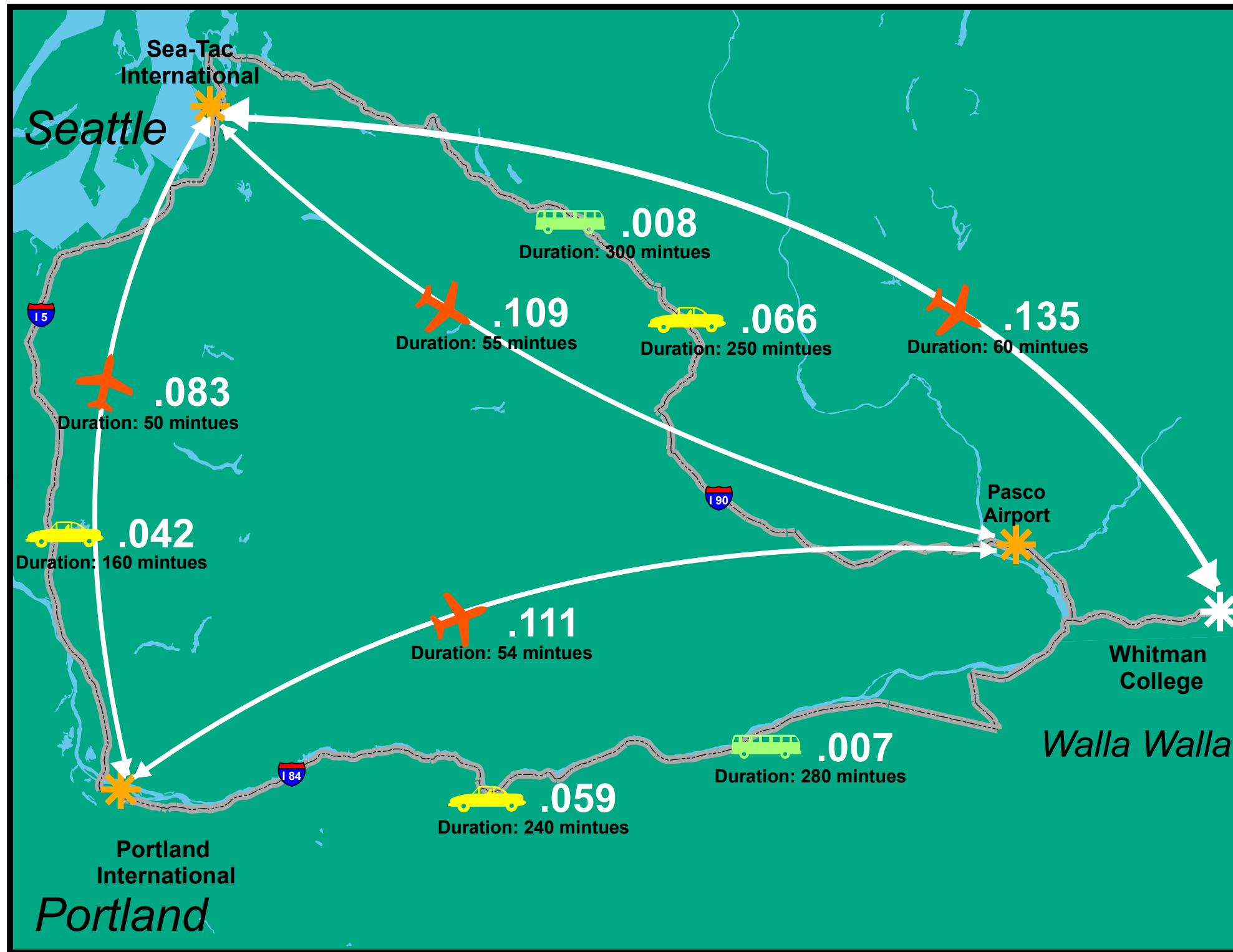
All flights into Walla Walla pass through Seattle-Tacoma International because it is the only major airport to service Walla Walla Regional on a daily basis.

Numbers indicate emissions per person.

*Driving emissions estimation assumes a medium fuel economy car and two people carpooling. Numbers will vary depending on the car and number of students carpooling.

Whitman Express Buses:
For trips to and from SeaTac and Portland at Thanksgiving, Winter Break and Spring Break, a combination of 55-passenger buses (7 to 8 MPG) and 47-passenger buses (6 to 7 MPG) are used. These buses are not always full, as ridership varies during the time of year. This diagram represents one 47-passenger bus getting 7 MPG at full capacity (47 students).

The total number of rides (defined as one-way trips) during the 07/08 academic year was 430 going to SeaTac and 330 going to Portland.



Alyssa King
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Driving Routes & Durations:
<http://maps.google.com/maps>

Driving & Flying Emissions:
<http://www.nativeenergy.com/>

Whitman Express Bus Information:
<http://www.whitman.edu/content/reid/services/buses> & Paul Dennis

US Airports:
 ESRI® Data & Maps, 2005
 National Atlas of the United States and the United States Geological Survey, ESRI

Coordinate systems for Continental US:
 USA Contiguous Albers Equal Area Conic,