Moving UW Forward: Transportation Services

Sustainability Webinar Series
March 13, 2024
Mission Statement

Provide innovative & sustainable transportation solutions that facilitate the educational, research, cultural, & service missions of the University of Washington
What we do

Transportation Services supports the 90,000+ people who come to the Seattle campus each day, managing and operating:

- U-PASS transit pass program (33 years running)
- ~12,200 parking spaces
- ~3.4 million square feet of lots and garages
- ~10,000 bike spaces

While providing travel tips to thousands of visitors entering campus, including patrons of 160+ events held on campus each year.
Who we are

Teams within Transportation Services:

– Commute Options & Transportation Planning
– Sales & Administration
– Maintenance
– Parking Operations
– Fleet Services
– Shuttles
– Director's Office
Promoting Sustainable Commutes
Reducing Single Occupancy Vehicle (SOV) Traffic and Pollution

> SOV only 13% of trips to campus
  - Second lowest for a major college/university in U.S.

> Carpool permits
  - Cost less than SOV permits
  - Cost is split evenly between riders

> Vanpool permits
  - Vanpools are offered by many transit agencies, including King County Metro, which are covered by U-PASS
Connecting with Public Transit
Bridging Access with Shuttles

Connects the UW community to medical facilities and provides service unavailable from transit partners

- Health Sciences Express
- UW/Fred Hutch/South Lake Union
- Dial-A-Ride
- NightRide (Student U-PASS Program)
Promoting Active Transportation

- **Bicycle events** such as Bike Everywhere Month, and Ride in the Rain Month, and our popular Husky football **Bike Valet** program

- **Secure bike parking facilities:**
  > Bike Lockers
  > Bike Houses
Going places with UCAR

Short term rental vehicles for university business

> Available to university faculty, staff, & students
> Reduces overall vehicle and parking demand
> Billed directly to UW payment worktags
> More EVs every year
Tracking Progress; UW’s Annual Commute Survey
Annual Commute Survey

- Measures the proportion of UW commute trips made by various modes of transportation
  - Walking, transit, biking, driving alone, carpooling, etc.
- **Conducted by** outside service **ComEngage**
- Respondents **selected randomly** from lists of community members, notified via email
  - Includes all UW campuses
- **For more information about methodology and detailed results visit:**
  https://transportation.uw.edu/publications
2023 Primary Commute Modes

- Drive Alone: 16%
- ~75% of students walk or take transit
- Telecommuting now reduces staff trips to campus by 38%
- Overall, our most popular commute modes are Transit and Walking, with a combined total of 58% from all respondents.
Mode Split 1990-2022

Carpool/Rideshare

Telecommuting was not included in commuting mode metrics until 2015.

Walked

Bicyced

Used Transit

Drove Alone

Telecommuted

U-PASS, a universal transit pass for students was introduced in 2012
UW Vehicle Fleet Electrification
Motivating Factors & Plan

> **UW Sustainability Action Plan**
  - 45% Reduction of Greenhouse Gas Emissions by 2030

> **Financial Benefits**
  - Fuel savings
  - Lower maintenance
  - Federal & State tax breaks

> **Approximately 700 vehicles in Fleet**
  - Currently about 41% are Electric, Hybrid, or Flexible Fuel *(Flex fuel is a clean-burning, renewable and sustainable resource that can be blended with gasoline to reduce emissions and increase fuel efficiency for your vehicle)*
### Current inventory by fuel type

<table>
<thead>
<tr>
<th></th>
<th>Vehicle Count</th>
<th>Fleet %</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electric</strong></td>
<td>39</td>
<td>6%</td>
</tr>
<tr>
<td><strong>Plug-in Electric</strong></td>
<td>43</td>
<td>6%</td>
</tr>
<tr>
<td><strong>Hybrid</strong></td>
<td>85</td>
<td>12%</td>
</tr>
<tr>
<td><strong>Diesel</strong></td>
<td>44</td>
<td>6%</td>
</tr>
<tr>
<td><strong>Unleaded</strong></td>
<td>286</td>
<td>41%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>697</td>
<td>100%</td>
</tr>
</tbody>
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- 41% of the Fleet runs on alternative fuels.
As gas vehicles in the fleet become eligible for replacements, goal is to purchase an electric vehicle whenever possible.
Electric Vehicle Charging Stations

> Charging Station Current Numbers:
  – UCAR: 43
  – Fleet: 38
  – Public (UW Community): 21

> More charging stations are being added as the electric fleet grows
  – Including fast charging stations
Visit transportation.uw.edu for news & updates on getting around campus
Contact

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8:30 a.m. to 4 p.m. Mon - Fri. Closed on University holidays.