UCSF Advisory Committee on Sustainability
12-1-2016

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Director

CampusLifeServices
Making life better here.
2016 Commute Survey

5,293 Respondents

Regional commuting pattern shift from 2015 with 5% increase in commuters from East Bay.

Respondents commute to UCSF from:

- San Francisco: 49% (-2%) 51% in 2015
- East Bay: 28% (+5%) 23% in 2015
- South Bay: 16% (-2%) 18% in 2015
- North Bay: 6% (-1%) 7% in 2015
### 2016 Transportation Survey results:

Overall Drive alone (SOV) rate fell from 32% to 30.17%  
- 1% increase in Motorcycle, Multi-Occupant and Vanpools  
- 1.95% increase in Mass Transit/Bus  
- Slight decrease of 1.36% in use of campus shuttles

<table>
<thead>
<tr>
<th>Survey Year</th>
<th>Single Occupant Vehicles</th>
<th>Motorcycles</th>
<th>Multi-Occupant Vehicles (Carpools)</th>
<th>Vanpool</th>
<th>Other TDM</th>
<th>Walk/Bike</th>
<th>Campus Shuttles</th>
<th>Mass Transit</th>
<th>Telecommute</th>
<th>Totals</th>
<th>Respondents</th>
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<tbody>
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<td>2016 Mode Split</td>
<td>30.17%</td>
<td>1.07%</td>
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<td>3%</td>
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2016 Commute Survey

Overall Commute Mode History

2011-2016 Commuter Mode Split History

- Drive Alone
- Motorcycle/Scooter
- Multi-Occupant Vehicles (Carpool, Taxi, Lyft, Uber)
- Vanpool
- Walk/Bike
- Public Transit
- Telecommute
- UCSF Shuttle
- Other

Legend:
- 2011 Mode Split
- 2012 Mode Split
- 2013 Mode Split
- 2014 Mode Split
- 2015 Mode Split
- 2016 Mode Split
2016 Commute Survey: 16.39% of AFV’s in use vs 16.82% in 2015

Q15 If and when you drive to UCSF, select the type of vehicle you typically drive:

- Gasoline or Diesel: 83.61%
- Hybrid: 11.32%
- Plug-in Hybrid: 1.35%
- All Electric: 2.37%
- Compressed Natural Gas: 0.39%
- Biodiesel: 0.07%
- Other (please specify): 0.89%

Answered: 3,038  Skipped: 2,123
UCSF generates roughly **24,840 metric tons of GHG emissions** in 2016.

Achieved a **10.6% reduction** from **27,476 metric tons of GHG emissions in 2015**.

**71% of this amount is due to SOV**, making this far and away the largest contributor to commute related GHG production.
How do we continue to lower our SOV?
UCSF SHUTTLE SERVICES

A fleet of 65 UCSF shuttles service 18 locations and transport 2.3 million passengers per year (up from 1 million in 2003); removes 2,700 cars from road and 11,250 metric tons of GHG.

Water sustainability efforts: Cut water usage for washing of campus Shuttles by 30-40%.

Added new, low-floor Compressed Natural Gas shuttle for Mission Bay operations.
Build Your Dreams (BYD) Electric Bus

- Transportation Services will gradually introduce 30’ all-electric transit buses to fleet, beginning July 2017.
- Significant contribution to helping UC reach its carbon-neutral goal in 2025.
- Built in Lancaster, CA.
- 40 passengers: 22 seated passengers + 2 ADA + 16 standees.
- 175-200 mile radius.
- Fully charges in 3 hrs.
- 12-year warranty on battery cells.
UCSF VANPOOL

32+ vanpools traveling throughout Bay Area with 200+ riders; removes 200 vehicles from roads and 940 metric tons of GHG

Established a contract with vRide to convert all existing UCSF supported (in-house) van pools, resulting in lower operating costs

Leverage vRide’s ability to quickly scale up operations to create new and expand vanpool ridership in 2017 and beyond
CARPOOL

Online Carpool matching Provided by Zimride

UCSF ride matching program with 519 active ride postings.

CAR SHARE - GETAROUND

18 Car Share vehicles at UCSF with 1,200+ UCSF City Car Share members & 160+ Departmental accounts (rental cars)

- Electric Scooter pods installed at MB and Parnassus with robust demand, more pod installations in 2017
- SF Bike Share coming to Mission Bay in Spring of 2017
- Working plans to incorporate on-demand transit providers such as Lyft and SF Chariot
- Waze and Scoop carpool matching apps
BIKE TO WORK

8,100+ bike permit holders; 1,189 bike parking spaces available at various campus locations.

Constructed a new bicycle cage (MBH Garage) that includes brand new racks accommodating 58 bicycles, including stand alone "air kit" and "fix-it station" at 4 separate locations

Bike Shower Program

Bike Share (FordGoBike) Pods coming to Mission Bay in Spring 2017

UCSF FLEET

UCSF fleet includes 20% Zero emitting Vehicles (ZEV) or Low Emitting Vehicles, including vehicles that run on CNG (Compressed Natural Gas), ethanol (E85) and fully electric vehicles.

All Electric additions to fleet in 2016/2017: (4) Smart Cars, (2) Zenith (16-passenger) Vans and (15) BYD Electric Buses
New Additions to Fleet 2016
PRE-TAX TRANSIT

• Authorized clipper card seller at 2 locations with over 8000+ transactions

• Emergency Ride Home program; reimburse up to $50

• 3,500+ active Pretax Program Participants

• Pretax programs offered through vendor HR simplified.

• Employees can allot up to $255 of their earnings to be taken out pre-tax and apply to their transit costs.

GREEN VEHICLES

• Preferential parking spaces for Low Emission Vehicle (LEV) at Parnassus and Mission Bay

• List of eligible Green Vehicles provided by annual list of LEEDs certified vehicles

• 33 EV charging stations currently available throughout 5 UCSF locations; added up to 47 new EV charging stations in 2017-2018

• 50+ Reserved carpool stalls at the various campus sites
Find a Better Commute.

MAKE AN IMPACT ON A GLOBAL SCALE & CHANGE THE PLANET.

Getting you where you need to go at UCSF and throughout the Bay Area.
mycommute.ucsf.edu
mycommute.ucsf.edu

Log Your Trips
As you travel, record your commutes here to participate in programs, contests, and more! Triplog dates must be within the last 5 weeks.

Selected Dates: 11/28/16
Departure Time: 7:30 AM
Return Time: 5:30 PM
One-Way Distance: one-way mi
Mode of Travel: Select Mode

Log Trips

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