

# University of Washington

2020 Transportation Survey Final Report April 2021 [Blank page inserted for pagination purposes.]

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## **Executive Summary**

## **Overview**

The U-PASS program, implemented at the University of Washington (UW) during Fall Quarter 1991, was developed to provide a range of commute options for the university population with the goal of decreasing the number of vehicles that travel to and from the campus. The U-PASS program offers a wide variety of services.

The University of Washington used a biennial survey to evaluate awareness of, use of, and satisfaction with the U-PASS program among university faculty, staff, and students. In 2015 the study was switched to an annual survey to gather information more frequently. Findings from the survey are also used to develop mode-split estimates as well as to meet the university's reporting requirements under the Washington State Commute Trip Reduction (CTR) Law.

The 2020 survey was administered using both telephone and online methodologies. The research effort resulted in 1,641 completed interviews during the survey period: 584 students, 286 faculty members, and 771 staff.

## **Key Findings**

## **Travel Behavior**

On average UW students, faculty, and staff work or attend classes on campus just one day a week.

- The average days on campus has dropped compared to previous years, when the average was about four.
- Students are on campus the least number of days. This is different from previous years, when faculty were on campus the least number of days. Now, faculty are on campus the most number of days.

-	All	Employees	Faculty	Staff	Students
None	73%	54%	51%	56%	86%
One	5%	8%	7%	8%	4%
Тwo	4%	5%	6%	4%	3%
Three	4%	7%	9%	4%	2%
Four	3%	5%	5%	6%	1%
Five	8%	16%	13%	19%	3%
Six	2%	4%	7%	1%	0%
Seven	1%	1%	2%	1%	1%
Mean	0.94	1.72	1.84	1.63	0.40
		Weekday	rs Only		
	All	Employees	Faculty	Staff	Students
None	73%	54%	52%	56%	87%
One	5%	7%	6%	8%	4%
Тwo	4%	6%	7%	4%	4%
Three	4%	7%	10%	5%	2%
Four	3%	7%	7%	7%	1%
Five	10%	18%	17%	19%	4%
Mean—2020	0.87	1.61	1.66	1.57	.37
Mean—2019	4.07	4.15	3.96	4.24	4.03
Mean—2018	4.20	4.17	4.01	4.24	4.22
Mean—2017	4.36	4.28	4.30	4.27	4.40
Mean—2016	4.13	4.08	3.92	4.15	4.16
Mean—2015	4.28	4.30	4.11	4.39	4.27

Table 1: Number of Days Spent on Campus

Source: Respondent Data (OverallWt) Base: All Respondents

CTR1 Which of the following days did you work/attend classes at the UW main campus or in the U-District? ("0" removed from base for mean calculation)

Based on the number of days respondents travelled to campus, UW employees and students make at least 63,288 trips to campus in a typical week (Monday through Sunday), not including telecommuting (301,842 including telecommute).

• Students account for 37%, staff 38%, and faculty 37% of all trips taken to campus in a typical week (excluding telecommuting). This is different from the distribution of students, faculty, and staff because fewer students are making physical trips to campus.

Nearly all (95%) trips are made during the week (Monday through Friday).

• Over half (62%) of all weekday trips have an estimated arrival time on campus during peak commute hours of 6:00 and 9:00 a.m.

This year, for weekday trips (Monday through Friday), driving alone accounts for more trips than transit (transit n=17,333 vs. drive alone n=21,365).

- Likely due to the impact of the COVID-19 pandemic, drive alone trips became the most common weekday commute mode among faculty and staff. However, students continue to be more likely to take transit than drive alone.
- One-in-five trips (23%) made by students are walking trips (excluding telecommuting).

#### Mode Share

Figure 1: Mode Share of Trips Taken to Campus Monday through Friday

100.0% 80.0%	All Re	spondents 🔳 Em	iployees 📕 Facu	lty ■ Staff	Students	
60.0% 40.0% 20.0% 0.0%						
0.0%	Transit	Walk	Drive Alone	Bike	Carpool / Vanpool	Telecommute
All Respondents	6.1%	2.3%	7.5%	2.6%	1.1%	79.4%
Employees	9.1%	2.5%	15.1%	4.7%	1.8%	65.0%
Faculty	8.2%	4.0%	16.1%	7.5%	0.9%	62.1%
■ Staff	9.8%	1.4%	14.2%	2.5%	2.5%	67.3%
Students	3.7%	2.1%	1.5%	0.9%	0.6%	90.7%

Source: Trip Data—Trips take Monday through Friday Base: All respondents (OverallWt)

Percentages are based on total weekday trips to campus and in those instances where multiple modes were reported for a single trip (in the case of linked trips) reflect the mode used for the longest portion of the trip. (INCLUDES Telecommute)

#### 2020 saw a massive increase in telecommuting due to the impact of COVID-19.

Table 2: Percent of Transit and Drive-Alone Trips 2008-2019

		2008	2010	2012	2014	2015	2016	2017	2018	2019	2020
	Faculty	23%	25%	25%	27%	24%	35%	36%	32%	36%	8%
Transit	Staff	45%	44%	43%	43%	40%	44%	43%	42%	48%	10%
	Students	39%	43%	46%	42%	38%	40%	43%	40%	45%	4%
	Faculty	47%	44%	43%	45%	45%	32%	36%	39%	40%	16%
Drive Alone	Staff	34%	33%	33%	32%	36%	36%	37%	35%	34%	14%
	Students	12%	10%	7%	7%	9%	6%	6%	8%	7%	2%

2012-2019 Source: Trip Data—Trips taken Monday through Friday (OverallWt)

Percentages are based on total **weekday** trips **to** campus (Monday – Friday) and in those instances where multiple modes were reported for a single trip (in the case of linked trips) reflect the mode used for the longest portion of the trip.

Mode split numbers from 2002 to 2010 were pulled from previous reports. See Appendix II for reference information

## Transit Access and Use

Nearly all UW faculty, staff, and students have access to public transportation services that would get them from their home to the UW campus.

- Fifty-one percent (51%) claim to have direct service from their home to the UW—the same as 2019 (52%).
  - Direct service is defined as having no need to transfer or use a park-and-ride lot.
  - Faculty and students continue to be the most likely group to have direct service to campus.

Table 3: Transit Availability

		Total	All Employees	Faculty	Staff	Student
	No Service	7%	5%	6%	5%	9%
Among those who do NOT	Direct service	51%	51%	62%	42%	% 9% % 50% % 26%
live on campus	Service with Transfer	26%	27%	22%	31%	26%
· · · · · ·	Service via park-and-ride	16%	16%	10%	22%	15%

Source: Respondent Data (OverallWt) Base: All Respondents

GT3: Which of the following best describes the bus or rail service available from where you live to the UW?

Generally speaking, transit service meets needs and expectations.

- Ratings of service are significantly higher for number of transfers required and cost.
- Ratings are lowest regarding travel time and reliability.

Table 4: Transit Ratings

	Frequency of Service	Number of Transfers Required	Travel Time	Cost	Reliability (on-time)	Perception of Safety	Availability of Seats	Time of Day Available
Exceeds Needs and Expectations	11%	26%	10%	20%	11%	12%	13%	12%
Meets Needs and Expectations	70%	56%	60%	69%	68%	70%	69%	71%
Does Not Meet Needs and Expectations	19%	18%	30%	10%	22%	19%	19%	16%

Source: Respondent Data (OverallWt) Base: All Respondents

GT4: How well does the transit service from where you live to the UW meet your needs and expectations for each of the following?

The percent of respondents riding Metro in any given week has dropped significantly since 2019.

Table 5: Transit Use

	All Respondents / % who have use Transit			-	ŧ of one-way - All Respond	-	Metro - T	# of one-way hose Who Ha o in the Past 7	ve Ridden
	2018 2019 2020		2018	2019	2020	2018	2019	2020	
All	73%	73%	25%	3.67	3.91	0.76	6.63	7.26	4.82
Employees	65%	65%	24%	2.86	3.16	0.75	6.02	6.96	5.35
Faculty	63%	62%	23%	2.31	3.08	0.64	5.13	7.12	5.35
Staff	66%	66%	24%	3.13	3.20	0.85	6.42	6.90	5.34
Students	79%	79%	26%	4.23	4.38	0.77	6.96	7.40	4.53

TRANSIT1 Thinking about all of your travel over the past 7 days, how many one-way trips did you take on each of the following transit systems? Source: Respondent Data Base: All Respondents (OverallWt)

## **U-PASS Access and Satisfaction**

The percent of staff and students with a U-PASS has fallen significantly since 2019, whereas for faculty it has only fallen slightly. This is likely due to many more staff and students telecommuting due to COVID-19.

The 2019 survey included a variable to indicate staff that receive a U-PASS as part of a collective bargaining agreement. For purposes of this report, this group has been lumped into the percent with a valid U-PASS. This explains the large jump in the percent of staff with a U-PASS between 2018 and 2019.

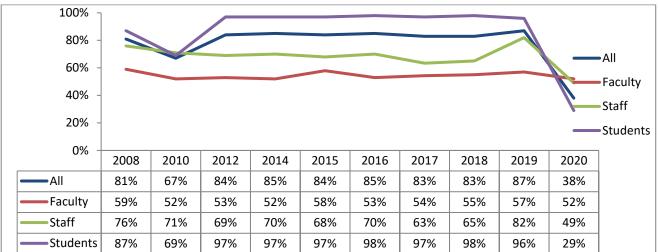


Figure 2: Percent of UW Students, Faculty, and Staff with a Valid U-PASS

Source: Respondent Data (OverallWt) Base: All Respondents

## **Background and Methodology**

## **Study Background**

The University of Washington (UW) represents a major destination for commuters (faculty, staff, and students). In 1991, the university launched the U-PASS program to provide a range of commute options for the university population with the goal of decreasing the number of vehicles that travel to and from the campus. The U-PASS program offers a wide variety of services including full bus fare on King County Metro Transit, Pierce Transit, Everett Transit, Kitsap Transit, Community Transit, and Sound Transit. It also covers full fare on the Sounder Commuter Train and the Link Light Rail. U-PASS members have free use of the NightRide Shuttle and they receive merchant discounts, discounted carpool parking, and subsidized vanpool fares. The U-PASS program provides university employees who are U-PASS members with an emergency ride home service. The University of Washington offers bicycle facilities and ride match services for carpooling and vanpooling to the entire UW community whether or not they have a U-PASS.

Since 1991, UW and King County Metro have collaborated on a biennial study to evaluate awareness of, use of, and satisfaction with the U-PASS program among university students, staff, and faculty and to develop ridership factors for use in transit contracts. In 2014, UW conducted the study independently as the survey is no longer relied on for major factors in the university's transit contract and switched to an annual survey.

Findings from the survey are also used to meet the university's reporting requirements under the Washington State Commute Trip Reduction (CTR) Law.

## Methodology

The study began in 1991 as a telephone survey. In 2002, an online survey component was added to the methodology. Sampled faculty, staff, and students were sent an e-mail invitation asking them to complete the survey online. Non-responders to the invitation were contacted by phone. The survey instrument has remained similar over the years, with minor changes to address changes to programs and services or new priorities.

The basic methodology was retained:

- The UW provided ComEngage with a current sample of all UW faculty, staff, and students.
- ComEngage drew a random sample from within each segment to achieve the desired number of completed surveys (assuming an overall response rate of 50%).
- All those sampled with an e-mail address were sent an e-mail from the UW inviting them to complete the survey online.
- Those with an e-mail address that did not respond were contacted by phone.
- Phone contacts were continued until the minimum response rate (50%) was achieved.
- All those without an e-mail address were contacted by telephone.
- A \$5 coffee card was offered as an incentive for all respondents who participated online.

The survey instrument is similar to the one used since 2014, 2016 and 2017. Several cuts were made for the 2015 survey then re-introduced in 2016. For this reason, there are several places where 2015 data are not available for trending. In 2018 the screener was removed and respondent "type" (student, faculty or staff) was determined solely by UW assignment. New questions were added to address the growing popularity of e-assist travel modes (e.g. e-bikes), ride/car share, and the Kitsap Fast Ferry.

The survey averaged 14.0 minutes and was slightly longer for those completing via phone (15 minutes) compared to those completing online (14 minutes).

Extensive outreach was used to increase response rates including:

- Pre-notification and reminders emails were sent from sent from UW Transportation Services to students, faculty, and staff who were selected to take the survey.
- Incentives were offered to those who completed the survey online. This substantially raised the online response rate and was vital in achieving the required 50% employee response rate.

The UW provided a list of 67,479 faculty, staff, and students. ComEngage removed people who responded in 2019 then drew a random sample within each group to achieve the required number of completed interviews.

Table 6: Sample Plan

	Total	Employees	Faculty	Staff	Students
Original Plan	1,625	1,025	325	700	600
Final Sample	1,642	1,057	286	771	585

To qualify, those contacted were required to meet the following criteria:

- Enrolled as a student for Fall Quarter 2020 or employed as faculty or staff.
- Working or attending classes on the UW campus or in a UW owned or leased building in the University District.

Data collection was completed between November 19, 2020 and February 15, 2021.

- Holiday schedules: Data collection is stopped during holidays as these time frames cause disruption in normal travel.
  - Data collection was paused from November 26 through December 9 for the Thanksgiving break.
  - Data collection was paused from December 17, 2020 thru January 14, 2021 for the winter break.

An overall response rate of 48% was achieved—Similar to 2016 and later.

• Ninety-one (91%) of all surveys were completed online—similar to 2016 and later.

Table 7: Response Rates Trended

	2015	2016	2017	2018	2019	2020
Total	38%	48%	49%	48%	48%	48%
Employees	39%	53%	53%	52%	52%	51%
Faculty	48%	58%	46%	42%	42%	43%
Staff	37%	41%	56%	56%	56%	57%
Students	24%	44%	43%	43%	43%	42%

#### Table 8: Sample Plan and Response Rates

	Total	Employees	Faculty	Staff	Students
Number in Sample Frame	67,479		12,592	17,722	40,165
Number of Sample Elements Selected	3,750	2,200	750	1,500	1,500
Total Disqualified*	325	233	79	154	92
Number of Qualified Respondents	3,425	2,071	671	1,346	1,408
<b>Total Number of Completed Surveys</b>	1,642	1,057	286	771	585
Online	1,499	1,024	277	747	475
Phone	143	33	9	24	110
Response Rate	48%	51%	43%	57%	42%

\* Respondents disqualified or opted out via e-mail or phone because they were not currently enrolled as a student or employed as a faculty or staff member or they did not work or attend classes on the UW campus or in a UW owned or leased building in the University District.

To ensure the ability to analyze results within the key subgroups (faculty, staff, and students) and to meet CTR requirements, faculty and staff were oversampled relative to their overall incidence in the UW population. Weighting was applied so that the total responses accurately reflect the UW population as sampled (see <u>Appendix</u>]). Weights are calculated by dividing the population proportion for each group by the proportion of interviews for each group. The population numbers used for weighting were provided by the University of Washington after data collection had finished and thus differ from the population numbers provided for sampling.

Table 9: Weighting

	Population	Percent of Population	Completed Interviews	Percent of Completed Interviews	Weight
Total	67,479	100.00%	1,642	100.00%	
Students	40,165	59.52%	585	35.63%	1.670692104
Faculty	12,592	18.66%	286	17.42%	1.0713544965
Staff	14,722	21.82%	771	46.95%	0.4646403803

In addition, an ExpansionWt was computed in order to project some data (e.g., Trip Data) to the total population.

#### Table 10: ExpansionWt

	Completed Interviews	Weight	Population
Total	1642	n.a.	67,479
Students	585	68.65811966	40,165
Faculty	286	44.0279720280	12,592
Staff	771	19.0946822309	14,722

#### Table 11: Final Sample Size

Group	Obtained	Weighted	Margin of Error* 95% Confidence Level				
Total	29,397	100.00%	+/-2.25%				
Students	9,395	31.96%	+/-3.81%				
Faculty	20,002	68.04%	+/-5.70%				
Staff	29,397	100.00%	+/-3.38%				
Margin of error is computed based on obtained sample sizes.							

All work was completed according to ISO 20252—Market Research Standards. ISO 20252 establishes globally recognized terms, definitions, and service requirements for project management in research organizations. Processes outlined in ISO 20252 are designed to produce transparent, consistent, well-documented, and error-free methods for conducting and managing research projects.

## **Methodological Improvements and Suggestions**

While the methodology remained the same (email with phone follow-up), it was decided in 2018 to use a UW owned email alias for all email communications to respondents. The email address, <u>surveyts@uw.edu</u>, was used for the initial invitation and reminders. Use of the UW owned email alias was a great success with overall improvements to response rates and fewer questions about survey validity.

It is recommended that the same approach be used in for future surveys. Another possible improvement for consideration is to create a UW owned "vanity URL" and have that URL redirect to the survey server. For example, the URL could be <u>http://Surveyts.UW.edu</u>. Respondents would see that URL in the communications, recognize that it is a UW owned domain and it could further legitimize the study in the eyes of the respondents.

## **Analysis and Reporting Conventions**

#### Data

Two types of data resulted from this research.

- 1. The first is the **Respondent Data** file, which includes responses to all questions for each respondent. Each respondent represents a line of data. When using this data, results are reported as the percentage of respondents who gave the response. For example, "nearly all faculty members have access to a vehicle and nearly half have a bicycle".
- 2. The second data file is the **Trip Data** and provides information on the commute trip to campus each respondent took for each day travelled in the past week. Each trip represents a line of data. When using this data, results are reported as the percentage of trips having a specific characteristic. For example, "less than half of the trips reported have an arrival time on campus between peak commute hours of 6:00 and 9:00 a.m.".

The footnote in each table identifies which type of data is being reported (designated as **Respondent Data** or **Trip Data**).

#### Reporting Conventions

The following notes describe the reporting conventions used in this report.

- The report is organized by major topic area. Tables and charts provide supporting data.
- Information about the overall results for each topic area is generally reported first, followed by relevant, statistically and practically significant differences between years and/or key subgroups. The probability level for determining statistical significance is less than .05 (unless otherwise noted). When testing for significant associations and/or differences between groups in the base, unweighted sample sizes should be used. When significant differences (assuming a 95 percent confidence level) were observed, they are noted in the written text of the report and bold-faced and notated in the accompanying tables.
- Except where noted, tables and charts provide information from respondents who offered a valid opinion to a question. "Don't know" and "Refused" are counted as missing values unless "Don't know" is a valid or meaningful response.
- In most charts and tables, unless otherwise noted, column percent is used. Percent is rounded to the nearest whole number. Some columns may sum to more or less than 100% due to rounding, the permissibility of multiple responses for specific questions, or based on presentation of abbreviated data.
- Comparisons with research from prior years are provided where appropriate.

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## **Respondent Characteristics**

## **Demographics**

#### Faculty:

- All are 25 or older.
- Four out of five have access to a car or truck and 36% have access to a bicycle.

Staff:

- Significantly more likely to be female.
- Four out of five have access to a vehicle and one-fifth have access to a bicycle.

Students:

- While eight out of ten have a driver's license, only half have a vehicle.
- Thirty five percent do not have any personal mode of transportation available for their commute.

		Total	All Employees	Faculty	Staff	Students
Gender	Male	36%	42%	52%	34%	32%
Gender	Female	61%	57%	47%	64%	63%
	16 to 17	1%	0%	0%	0%	1%
	18 to 24	41%	2%	1%	4%	67%
	25 to 34	24%	23%	27%	20%	24%
Age	35 to 44	13%	24%	26%	23%	1%
	45 to 54	8%	18%	12%	23%	1%
	55 to 64	7%	18%	16%	19%	0%
	65 or older	7%	14%	19%	10%	2%
Valid Driver's License	Yes	89%	96%	96%	96%	84%

Table 12: Respondent Characteristics

AGE: What is your age? GENDER: Are you male or female? LICENSE: Do you have a valid driver's license?

Source: Respondent Data Base: All Respondents (OverallWt)

		Total	All Employees	Faculty	Staff	Students
	Car or truck	65%	81%	80%	82%	53%
	Motorcycle/Moped	2%	3%	1%	4%	1%
Available for	Bike / Skateboard	24%	27%	36%	20%	22%
Commute	Electric	1%	1%	0%	2%	2%
	Transportation*	(n=22)	(n=14)	(n=1)	(n=13)	(n=8)
	Nothing	25%	11%	10%	12%	35%

GT5: Do you personally have any of the following regularly available for your commute? \*such as e-bikes or power assist scooters Source: Respondent Data Base: Respondents who commute (OverallWt)

Table 13: Availability of Commute Transportation Options

	Available for Commute										
	Electric										
		Vehicle			Bicycle		Transpo	ortation		Nothing	
	2018	2019	2020	2018	2019	2020	2019	2020	2018	2019	2020
All Employees	83%	84%	81%	28%	27%	27%	1% (n=10)	1% (n=14)	10%	11%	11%
Faculty	79%	82%	80%	37%	35%	36%	1% (n=2)	0% (n=1)	11%	11%	10%
Staff	85%	85%	82%	23%	24%	20%	1% (n=8)	2% (n=13)	10%	10%	12%
Students	50%	46%	54%	20%	15%	22%	1% (n=7)	2% (n=8)	39%	44%	35%

## Residence

#### Proximity of Home to Campus

Half of respondents live within 5 miles of campus (this excludes those who live on campus).

- While eight in ten students live offcampus. Students live further from campus on average than in previous years, with an average distance of 12 miles.
- Staff have the longest commute, averaging 13 miles each-way.

#### Table 14: Student Housing Types

#### **Student Living Situation**

UW housing, on campus	20%
UW housing, off campus	13%
A fraternity or sorority	4%
Non-UW housing	61%

GT1: Do you live in. . .

Source: Respondent Data Base: Students (OverallWt)

	Total	All Employees	Faculty	Staff	Students
On Campus	5%	0%	0%	0%	9%
One mile or less	14%	2%	2%	1%	22%
1.01 up to 2 miles	9%	10%	14%	6%	8%
2.01 up to 5 miles	27%	37%	48%	27%	20%
5.01 up to 10 miles	13%	18%	16%	20%	9%
More than 10 miles	33%	34%	20%	45%	32%
Mean	11.1	10.1	6.8	13.0	11.8

Table 15: Distance from Home to Campus

Q5: How many miles is it from where you live to the UW main campus? Source: Respondent Data Base: All Respondents (OverallWt)

#### Overall, the median distance from campus has remained similar for faculty and staff, but increased for students.

Table 16: Change in Commute Trip Lengths 2018-2020

	All Respondents			Faculty		Staff Students			;			
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
1 mile or less	28%	26%	19%	5%	4%	2%	2%	2%	1%	45%	41%	31%
1.01–5.0 miles	32%	34%	36%	58%	59%	62%	37%	32%	33%	25%	30%	28%
5.01-10.0 miles	14%	13%	13%	21%	19%	16%	21%	19%	20%	9%	8%	9%
> 10 miles	25%	27%	33%	16%	18%	20%	40%	46%	45%	20%	21%	32%
Median	3.9	4.5	5.0	4.3	4.2	4.0	4.9	9.5	9.7	3.3	3.0	4.8
Change in Median (2017-2019)	4	+1.1 mile	S	-	-0.3 mile	S	4	4.8 mile	S	-	+1.5 mile	s

Source: Respondent Data (OverallWt) Base: All Respondents

GT1A: How many miles is it from where you live to the UW main campus?

Numbers may not sum to 100% due to rounding

## Vehicle Ownership by Proximity to Campus

There is a clear relationship between vehicle access and distance to campus. Those living within one mile of campus are nearly half as likely as those who live more than one mile away to have a vehicle.

	0.01 - 1 mile	1.01 - 2 miles	2.01 - 5 miles	5.01 - 10 miles	More than 10 miles
Total	33%	58%	63%	75%	79%
All Employees	48%	72%	76%	83%	91%
Faculty	50%	72%	75%	87%	93%
Staff	45%	71%	76%	81%	90%
Students	32%	46%	47%	63%	70%

Table 17: Percent of Respondents with Vehicles by Distance from Home to Campus

GT1A: How many miles is it from where you live to the UW main campus? GT5: Do you have any of the following regularly available for your commute? Source: Respondent Data Base: All Respondents (OverallWt) Vehicle includes: Car, Truck, Motorcycle, Scooter

### Impact of Commuting to UW on Household Location

Commute options is a major consideration for almost half of respondents, most notably among faculty.

Table 18: Housing Consideration by Type

	Total	All Employees	Faculty	Staff	Students
Not a consideration at all	21%	20%	12%	27%	21%
Somewhat of a consideration	33%	31%	29%	33%	34%
Major consideration	46%	49%	59%	40%	44%

GT2: To what extend did your options for commuting to the UW influence your choice of where you live? Source: Respondent Data Base: Respondents who do NOT live on campus (OverallWt)

Those choosing to live near campus are more likely to say that proximity to campus was a major influence in their choice of housing location. Six in ten (61%) UW commuters who live within 5 miles of campus suggest that proximity to campus was a major consideration in their choice of where to live as opposed to 31% who live more than 5 miles away.

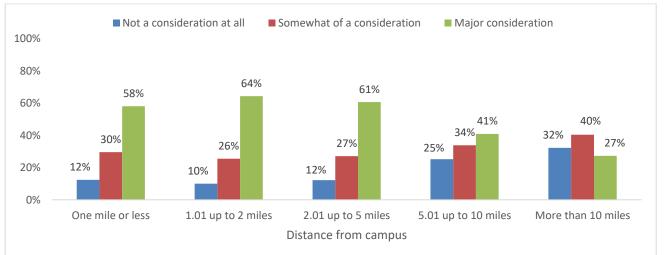


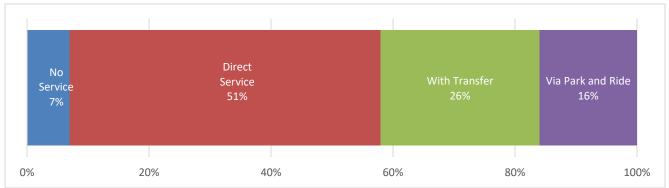
Figure 3: Influence of Work Location on Proximity to Campus

GT1A: How many miles is it from where you live to the UW main campus? GT2: To what extend did your options for commuting to the UW influence your choice of where you live? Source: Respondent Data Base: Respondents who do NOT live on campus (OverallWt)

### Access to Transit

Nearly all UW faculty, staff, and students have access to public transportation services that would get them from their home to the UW campus—half have direct service to campus. Note, respondents who live on campus are excluded from this statistic.

Figure 4: Access to Transit from Home to UW—All Respondents



GT3: Which of the following best describes the bus or rail service available from where you live to the UW? Source: Respondent Data Base: Respondents who do NOT live on campus (OverallWt)

While nearly all staff have access to the UW by transit, they are less likely than faculty and students to have direct service. Among students who do not live on or near campus, 50% have direct transit service.

Table 19: Access to Transit from Home to UW for Those Who Do Not Live on Campus—by Type

		Total	All Employees	Faculty	Staff	Student
Among those	No Service	7%	5%	6%	5%	9%
who do NOT	Direct service	51%	51%	62%	42%	50%
live on or near	Service with Transfer	26%	27%	22%	31%	26%
campus	Service via park-and-ride	16%	16%	10%	22%	15%

GT3: Which of the following best describes the bus or rail service available from where you live to the UW? Source: Respondent Data Base: Respondents who do not live on campus (OverallWt)

Generally speaking, transit service meets needs and expectations.

- Ratings of service are significantly higher for the number of transfers required and cost.
- Ratings are lowest regarding travel time and reliability.

Table 20: Transit Ratings Among Those Who Have Access to Transit

	Frequency of Service	Number of Transfers Required	Travel Time	Cost	Reliability (on-time)	Perception of Safety	Availability of Seats	Time of Day Available
Exceeds Needs and Expectations	11%	26%	10%	20%	11%	12%	13%	12%
Meets Needs and Expectations	70%	56%	60%	69%	68%	70%	69%	71%
Does Not Meet Needs and Expectations	19%	18%	30%	10%	22%	19%	19%	16%

GT4: How well does the transit service from where you live to the UW meet your needs and expectations for each of the following? Source: Respondent Data Base: Respondents with Access to Transit (OverallWt)

Those with direct service provide significantly higher ratings than do those who must transfer and, to a lesser extent, those who use a park-and-ride lot.

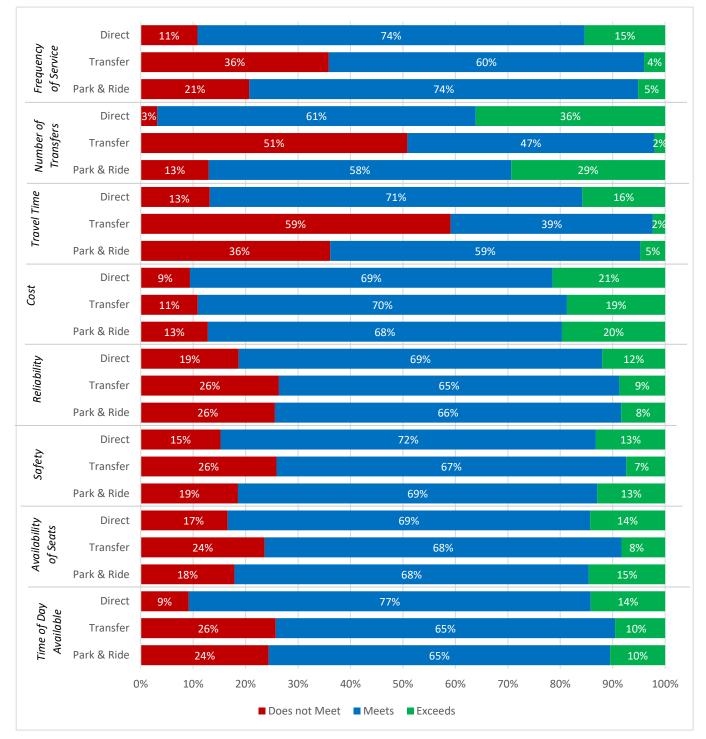


Figure 5: Ratings of Transit Service from Home to UW by Type of Service Available

GT4: How well does the transit service from where you live to the UW meet your needs and expectations for each of the following? Source: Respondent Data Base: Respondents with Access to Transit (OverallWt)

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## **Detailed Findings—Travel Behavior**

## Prior 7 Days of Travel

Beginning in 2012, the U-PASS survey instrument was changed to be more consistent with the data gathered by Washington State's Commute Trip Reduction surveys—that is, respondents were asked to record data for commute trips taken over the previous 7 days rather than weekdays only as in the past. In addition, the web survey technology had respondents start with the day of the survey (if completing after 5:00 p.m. on that day) or the day immediately prior to the day of the survey. Respondents then recorded data for the previous 7 days starting with the most recent day, as shown below.

CTR1 Over the past week, which of the following days did you <u>physically</u> [work / attend classes] at the UW main campus or in the U District?

SUNDAY	MONDAY	TUESDAY	WEDNESAY	THURSDAY	FRIDAY	SATURDAY	l did not
							commute to
							UW or the
							University
							district during
							the past week
							[MUTUALLY
							EXCLUSIVE]
0	0	0	0	0	0	0	0

Subsequent questions asked for arrival and departure times. Initially, programming checks ensured that departure times were later than arrival times. However, several e-mails were received from staff who work graveyard shifts at the UW Medical Center. To accommodate these participants, start/end time checks were removed.

CTR2 What time did you arrive on campus on each of the days below? Enter the time and then check AM or PM (e.g. *If you arrive on campus at 8:30 a.m., then input Hour: 8 and MINUTES: 30 then check AM*).

#### (Your best estimate is fine.)

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
ENTER	:_	:	:	:	:	:	:
TIME							
A.M.	0	0	О	0	О	0	0
P.M.	0	0	0	0	0	О	0

PRE SKIP: IF CTR1 = 8 (DID NOT COMMUTE) SKIIP TO NEXT QUESTION SHOW ONLY DAYS SELECTED IN CTR1

CTR3 What time did you leave campus on each of the days below? Enter the time and then check AM or PM (e.g. If you leave campus at 5:00 p.m., then input Hour: 5 and MINUTES: 00 then check PM).

#### (Your best estimate is fine.)

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
ENTER	:	:	:	:	:	:	:
TIME							
A.M.	0	0	0	0	О	0	0
P.M.	О	0	0	О	О	О	0

## Number of Days on Campus

On average UW students, faculty, and staff work or attend classes on campus just one day a week.

- The average days on campus has dropped compared to previous years, when the average was about four days on campus.
- Students are on campus the least number of days. This is different from previous years, when faculty were on campus the least number of days. Now, faculty are on campus the most number of days.

	<b>,</b> , , , , , , , , , , , , , , , , , ,	1			
	All	Employees	Faculty	Staff	Students
None	73%	54%	51%	56%	86%
One	5%	8%	7%	8%	4%
Тwo	4%	5%	6%	4%	3%
Three	4%	7%	9%	4%	2%
Four	3%	5%	5%	6%	1%
Five	8%	16%	13%	19%	3%
Six	2%	4%	7%	1%	0%
Seven	1%	1%	2%	1%	1%
Mean	0.94	1.72	1.84	1.63	0.40
		Weekday	rs Only		
	All	Employees	Faculty	Staff	Students
None	73%	54%	52%	56%	87%

Table 21: Number of Days on Campus

Mean	0.94	1.72	1.84	1.63	0.40
		Weekday	rs Only		
	All	Employees	Faculty	Staff	Students
None	73%	54%	52%	56%	87%
One	5%	7%	6%	8%	4%
Тwo	4%	6%	7%	4%	4%
Three	4%	7%	10%	5%	2%
Four	3%	7%	7%	7%	1%
Five	10%	18%	17%	19%	4%
Mean – 2020	0.87	1.61	1.66	1.57	0.37
Mean—2019	4.07	4.15	3.96	4.24	4.03
Mean—2018	4.20	4.17	4.01	4.24	4.22
Mean—2017	4.36	4.28	4.30	4.27	4.40
Mean—2016	4.13	4.08	3.92	4.15	4.16
Mean—2015	4.28	4.30	4.11	4.39	4.27
Mean—2014	73%	54%	52%	56%	87%

CTR1: Which of the following day did you work/attend classes at the UW main campus or in the U-District? ("0" removed from base) Source: Respondent Data Base: All Respondents (OverallWt)

## Total Number of Commute Trips to Campus

Based on the number of days respondents travelled to campus, UW employees and students make at least 63,288 trips to campus in a typical week (Monday through Sunday).

• Students account for 26%, staff 38%, and faculty 37% of all trips taken to campus in a typical week.

Nearly all (93%) trips are made during the week (Monday through Friday).

#### Table 22: Total Number of Trips to Campus

		All	Employees	Faculty	Staff	Students
Total Weekly Trips to Campus	Respondent Trips	1,540	1,146	564	582	394
	Population Trips	63,288	47,084	23,159	23,926	16,203
Total Weekday Trips to	Respondent Trips	1,433	1,071	510	561	363
Campus	Population Trips	58,903	44,005	20,957	23,047	14,899
Weekday Trips as a Percentage of Total Weekly Trips		93%	93%	90%	96%	92%
Source: Trip Data (OverallWt) an Base: All Respondents (excludes t						

### Arrival Times on Campus

Over half (62%) of all weekday trips have an estimated arrival time on campus during peak commute hours of 6:00 and 9:00 a.m.

• Trips taken by UW staff and faculty are significantly more likely than those taken by students to have arrival times during the peak period.

The majority of arrival trips during the peak morning commute time occur between 8:00 and 9:00.

			All	Employees	Faculty	Staff	Students	
		spondent	58	43	11	33	15	
Arrive before 6:00	Tri		58	43	11	55	15	
a.m.	Poj Trij	oulation os	2,395	1,777	440	1,337	618	
	% c	of Arrivals	4%	4%	2%	6%	4%	
	Re	spondent						
Net	Tri	•	883	743	343	400	140	
Arrive 6:00 a.m.	Po	pulation						
to 9:00 a.m.	Tri	ps	36,297	30,529	14,089	16,441	5,767	
	% (	of Arrivals	62%	69%	67%	71%	39%	
		Responden	t					
Arrive 6:00 a.m.	. to	Trips	5 166	162	61	101	3	
6:59 a	.m.	Population Trips	5 6,810	6,672	2,510	4,163	137	
		% of Arrival	5 12%	15%	12%	18%	1%	
		Responden						
Arrive 7:00 a.m.	. to	Trips	5 261	231	118	113	30	
7:59 a.i		Population Trips	5 10,738	9,502	4,843	4,659	1,236	
		% of Arrival	5 18%	22%	23%	20%		
		Responden						
Arrive 8:00 a.m.	to	Trips		349	164	185	107	
9:00 a	. <i>m</i> .	Population Trips	5 18,749	14,355	6,736	7,619	4,394	
		% of Arrival	5 32%	33%	32%	33%	29%	
		spondent	01	50	28	25	20	
Arrive 9:01 a.m. to	Tri		91	52	28	25	38	
9:59 a.m.	Poj Trij	oulation	3,736	2,157	1,145	1,012	1,579	
		of Arrivals	6%	5%	5%	4%	11%	
		spondent	070	578	570	470	11/0	
	Tri		401	232	129	104	169	
Arrive 10:00 a.m.		oulation			-			
and later	Tri		16,476	9,541	5,283	4,258	6,934	
	% c	of Arrivals	28%	22%	25%	18%	47%	
Source: <b>Trip Data (Overa</b> l	lWt) a	nd (ExpansionWt)						
Base: All respondents	-							
CTR2: What time did you		and depart campus or umber of trips arriving	, ,	, ,,	· 1 -			

Table 23: Number and Percentage of Weekday Trips Arriving on Campus during Morning Peak Commute Hours

Over half (62%) of all weekday trips to campus arrive during peak commute hours between 6:00 a.m. and 9:00 a.m.

- The percentage of trips taken by UW faculty, staff, and students that have arrival times on campus during peak morning commute times has remained relatively consistent, with a small drop this year for staff.
- Prior to 2015, this chart included from 6:00 a.m. to 8:59 a.m. Beginning in 2015, the chart included 9:00 a.m. in the calculation for peak morning commute times. This difference in calculation explains the large jump in the percent of trips.

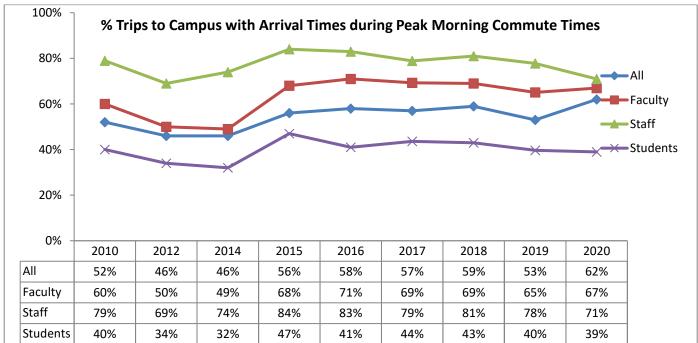


Figure 6: Trends in Percentage of Trips to Campus with Arrival Times during Peak Morning Commute Times

Source: Trip Data (OverallWt) Base: All respondents

CTR2: What time did you arrive on campus on these days? (Monday–Friday) Percentage is based on number of trips arriving during specified time periods.

## Departure Time from Campus

The majority of weekday trips (57%) have a departure time during peak afternoon and evening commute hours (3:00 p.m. to 6:00 p.m.).

• A greater percentage of trips made by staff have departure times during peak afternoon and evening commute hours compared to students and faculty.

Peak morning commute is defined at 6:00 a.m. to 9:00 a.m.

Table 24: Number and Percentage of Weekday Trips Departing Campus during Afternoon and Evening Peak Commute Hours

						-	
			All	Employees	Faculty	Staff	Students
	Res	pondent					
Demonth before 2.00	Trip		250	160	42	118	90
Depart before 3:00	Рор	ulation					
p.m.	Trip	S	10,275	6,567	1,717	4,850	3,708
	% D	eparting	22%	19%	11%	26%	32%
	Res	pondent					
Net	Trip	S	638	478	197	281	160
Depart 3:00 p.m.	Рор	ulation					
to 6:00 p.m.	Trip	S	26,226	19,634	8,101	11,533	6,591
•	% D	eparting	57%	57%	51%	62%	56%
		Respondent					
Depart 3:00 p.n	a ta	Trips	0	0	0	0	
3:59 Jepant 3:00 p.m		Population					
5.55	5.111.	Trips	0	0	0	0	
		% Departing	0%	0%	0%	0%	0
		Respondent					
Depart 4:00 p.n	n to	Trips	226	184	49	135	4
4:59		Population					
		Trips	9,298	7,582	2,025	5,557	1,71
		% Departing	20%	22%	13%	30%	159
		Respondent					
Depart 5:00 p.n	n. to	Trips	412	293	148	145	11
6:00		Population	10.027	42.052	6.076	F 077	4.07
		Trips	16,927	12,052	6,076	5,977	4,87
		% Departing	37%	35%	38%	32%	42
	Res Trip	pondent	56	51	34	17	5
Depart 6:01 p.m.		ulation	50	51	54	17	J
to 6:59 p.m.	Trip		2,321	2,115	1,409	707	206
		eparting	5%	6%	9%	4%	2%
		pondent	570	070	570	70	270
	Trip	-	182	152	115	37	30
Depart 7:00 p.m.	<u> </u>	ulation	102	192	115	3,	
and later	Trip		7,474	6,239	4,711	1,528	1,236
	· · ·	eparting	16%	18%	30%	8%	11%
Source: <b>Trip Data (Overa</b> ll				,,		2,5	,,
Base: All respondents CTR3: What time did you	depart	campus on these d	ays? (Monday–Fr	iday)			
- · · · ·	,						

Percentage is based on number of trips departing campus during specified time periods.

## Arrival and Departure Times Combined

The table below shows the number of trips arriving on and departing from campus during each hour of the day.

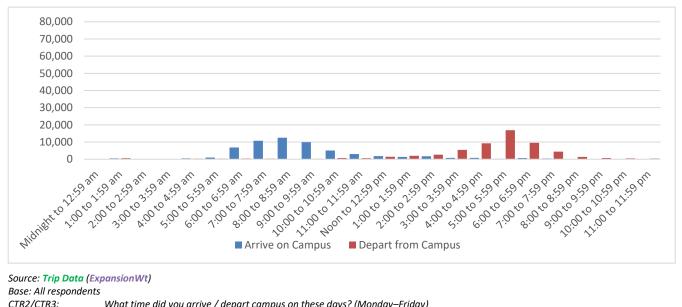


Figure 7: Hourly Number of Arrivals and Departures

Source: Trip Data (ExpansionWt) Base: All respondents

CTR2/CTR3: What time did you arrive / depart campus on these days? (Monday-Friday) Based on number of trips arriving/departing campus during specified time periods.

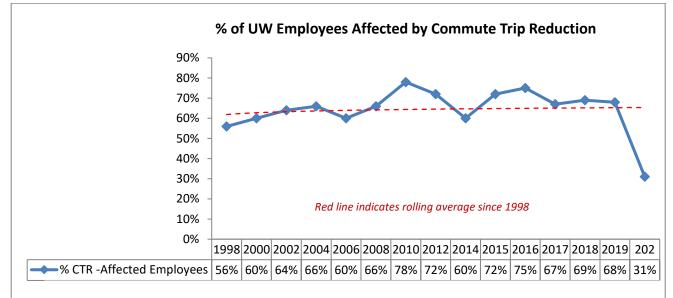
## **CTR-Affected Employees**

Washington State's CTR law defines CTR-affected employees as regular, full-time employees who arrive at work between 6:00 and 9:00 a.m. at least two days during the Monday to Friday work week.

After increasing in 2015 and 2016 (possibly as a result in the change from 8:59 to 9:00 a.m.) the percent CTRaffected employees decreased in 2017 and remained similar since. In 2020, the percentage of CTR-affected employees decreased due to fewer employees working on campus due to the impact of COVID-19.

- Break outs by employee type are:
  - CTR Affected Faculty: 33%.
  - CTR Affected Staff: 29%.

```
Figure 8: Percentage of UW CTR-Affected Faculty / Staff
```



Source: Respondent Data; (EmployeeWt)

Base: All faculty and staff;

A CTR trip is defined as a trip taken by faculty or staff members Monday–Friday between 6 a.m. and 9 a.m.

## Commute Mode(s) Used

The Puget Sound metropolitan area offers a complex, multimodal transportation system. To better understand travel behavior, respondents were asked to describe what types of transportation they use to get from home to campus or the U-District. If the respondent used more than one mode, they were asked to enter each type used in the order of their trip, starting from where they live until they reached their destination, as illustrated below:

PHONE NOTATION (CLARPY PROM THE LIST AS NEEDED, DO NOT READ ISO (LARPY PROM THE CLARP AS NEEDED, DO NOT READ Down along (or with children under 16) ASK IF DOWNED AS NO DOWNARDS) Down along (or with children under 16) ASK IF DAVES (LARPY PROM THE CLARP AS NEEDED) ASK IF DAVES (LARPY PROM THE CLARP AS NEEDED) ASK IF DAVES (LARPY PROM THE LIST AS NEEDED) ASK IF CARPOCI, LARPY THE DIA DI USE A ROBE SHARE SERVICE. IF USED O NO 0 NO 0 Yes ASK IF CARPOCI AND THEY DID NOT USE A ROBE SHARE SERVICE. IF USED 0 NO 0 Yes ASK IF CARPOCI, LIST AS NEEDED 0 Yes 1 Yes	What type of transportation did you use for the [first, second, etc.] part of your commute to the UW?	Leg 1	Leg 2	Last Leg
Trip Finited [SHOWN FOR LEG2 AND OWNRDS]	PHONE NOTATION (CLARIFY FROM THE LIST AS NEEDED. DO NOT READ			
Jorea alice (or with children under 15) AK IF DOUE ALL NOTI ON 0 01 Yes 20	Trip Finished [SHOWN FOR LEG 2 AND ONWARDS]		0	0
Did you can 2 Car Share service such as Car2Go, Reach Now, of Zipcar?       0       0       0         Carpooled - includes ride-halling services such as Uber, Lift, or Taxl?       0       0       0         ASK IF CARPOOL       0       0       0       0         ASK IF CARPOOL       0       0       0       0       0         ASK IF CARPOOL       0       0       0       0       0       0         ASK IF CARPOOL       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	Drove alone (or with children under 16)			
Campooled       O       O         ASK IF CARPOOL]       O       O       O         ASK IF CARPOOL       O       O       O         OB Yes       O       O       O         ASK IF CARPOOL       O       O       O         OB Yes       O       O       O         ASK IF CARPOOL       O       O       O         OB Yes       O       O       O         ASK IF CARPOOL       O       O       O         OB Yes       O       O       O       O         ASK IF CARPOOL       O       O       O       O         ASK IF CARPOOL       O       O       O       O       O         ASK IF CARPOOL       O       O       O       O       O       O         ASK IF CARPOOL       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O       O	Did you use a Car Share service such as Car2Go, Reach Now, or Zipcar? 00 No	0	0	0
bit you as a Ride-failing service such as Uber, Lyft, or Tax? 0 No 0 Yes AK IF CAPPOOL NOT USE A RIDE SHARE SERVICE. IF USED 2 O 2 No 2 No	01 Yes Carpooled - includes ride-hailing services such as Uber, Lift, or Taxi (2 or more people)			
ASK IF CARPOOL AND THEY DID NOT USE A RIDE SHARE SERVICE. IF USED WDE SHARE THEM AUTOCODE THIS AS 00] UD to use a Car Share service such as Car250, Reach Now, or Zipcar? 0 No 3 No 8 Not F CARPOOL Including yourself, how many people 16 and older were in the vehicle? [IF THEY USED A NUE SHARE SERVICE DESTLAY] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Passe do not include the driver of the Ride-haling service. RECURRE A RESPONSE OF 1] Phone NOTATIONI (READ LIST IF NECESSARY) New Transit 0 0 0 Other bus system (specify) 0 0 0 PHONE NOTATIONI (READ LIST IF NECESSARY) Community Transit 0 0 0 PHONE NOTATIONI (READ LIST IF NECESSARY) Mark Lass ablow do you bard the Link? PHONE NOTATIONI (READ LIST IF NECESSARY) Community Transit 0 0 0 Community Transit 0 0 0 Community Transit 0 0 0 Community Transit 0 0 0 Community Transit 0 0 0 PHONE NOTATIONI (READ LIST IF NECESSARY) Community Read LIST IF NECESSARY Capitol Hill 0 0 0 Community Read LIST IF NECESSARY Notice as ablow 0 0 Community Read LIST IF NECESSARY Capitol Hill 0 0 0 Community Read LIST IF NECESSARY Netwich station dd you bard the Link? Relative Base 0 0 0 Capitol Hill 0 0	Did you use a Ride-hailing service such as Uber, Lyft, or Taxi? 00 No			
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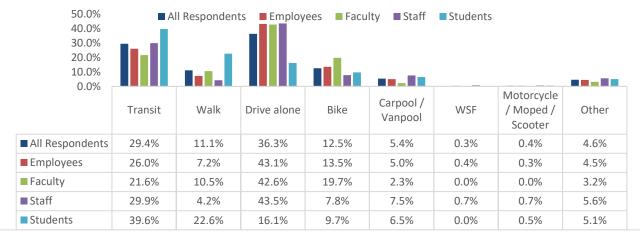
Those using more than one mode were asked a follow-up question to identify their primary mode, defined as the mode used for the longest part (based on miles traveled) of their trip. This allows for comparisons to previous years when respondents only provided a single mode.

## Mode Share for Commute Trips to Campus

This year, for weekday trips (Monday through Friday), driving alone accounts for more trips than transit (transit n=17,333 vs. drive alone n=21,365).

- Likely due to the impact of the COVID-19 pandemic, drive alone trips became the most common weekday commute mode among faculty and staff.
  - However, students continue to be more likely to take transit than drive alone.
- One-in-five trips (23%) made by students are walking trips (excluding telecommuting).

Figure 9: Mode Share of Trips Taken to Campus Monday through Friday – Excluding Telecommute



Source: Trip Data—Trips take Monday through Friday Base: All respondents (OverallWt)

Percentages are based on total weekday trips to campus and in those instances where multiple modes were reported for a single trip (in the case
of linked trips) reflect the mode used for the longest portion of the trip. (EXCLUDES
Telecommute)

## Number of Transportation Modes Used on Commute Trip from Home to Campus

Eight out of ten weekday trips are singlemode trips. This decreased from 2014 to 2018 where it hit a low of 60% of trips being single mode.

- Peaking in 2010, 84% of weekday trips consisted of a single mode.
- In 2014, 73% of weekday trips used a single mode.
- Trips made by faculty are more likely than those made by staff or students to be single-mode trips.

Table 25: Number of Transportation Modes Used Per Commute Trip

	All	Employees	Faculty	Staff	Students
		Monda	y through	Friday	
% Single Mode	81%	82%	86%	78%	76%
Average # of Modes	1.30	1.26	1.19	1.33	1.42
Source: <b>Trip Dat</b> Base: All respond Percent shown is	dents	,			

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## **Details on Trips**

## Telecommuting

Due to the impact of COVID-19, telecommuting became the dominant commute mode. Eighty-seven percent of respondents have telecommuted at least once in the past week.

- Telecommuters telecommute an average of 5 days per week.
- Faculty and students are significantly more likely to telecommute than staff, who average 3.7 days.

When taken into the trip count, Telecommuting accounts for seventy nice percent (79%) of weekday trips to campus—accounting for 227,460 "trips".

100.0% 90.0% 80.0% ■ All Respondents ■ Employees ■ Faculty ■ Staff ■ Students Carpool / Drive Alone Telecommute Transit Walk Bike Vanpool All Respondents 6.1% 2.3% 7.5% 2.6% 1.1% 79.4% Employees 9.1% 2.5% 15.1% 4.7% 1.8% 65.0% Faculty 8.2% 4.0% 16.1% 7.5% 0.9% 62.1% ■ Staff 9.8% 1.4% 14.2% 2.5% 2.5% 67.3% Students 3.7% 2.1% 1.5% 0.9% 0.6% 90.7%

Figure 10: Mode Share of Trips Taken to Campus Monday through Friday – Including Telecommute

Source: Trip Data—Trips take Monday through Friday Base: All respondents (OverallWt)

• Percentages are based on total weekday trips to campus and in those instances where multiple modes were reported for a single trip (in the case of linked trips) reflect the mode used for the longest portion of the trip. (INCLUDES Telecommute)

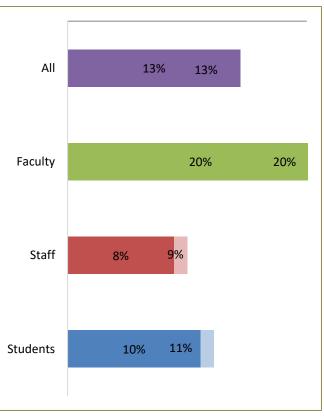
### Bicycling

Thirteen percent (13%) or a total of 7,853 commute trips per week are primarily bicycle trips. Nearly everyone who biked did so for their entire commute, not in conjunction with another mode.

On average, bicycle commuters ride just over four miles as part of their commute.

- Students have the shortest bike commute and staff have the longest.
- •

*Figure 9: Percent of Trips Using Bicycle for Some / All of the Trip* 



Source: Trip Data (OverallWt) Base: All respondents Darker color indicates percentage of respondents who biked for their entire trip

Lighter color indicates percentage of respondents who biked for all or part of their trip (Monday thru Friday)

	<2 miles	2 < 3 miles	3 < 4 miles	4 < 5 miles	5 < 10 miles	10+ miles	Average
Total	17%	19%	25%	10%	21%	8%	4.31
All Employees	12%	18%	29%	13%	19%	10%	4.74
Faculty	13%	19%	34%	13%	16%	6%	4.06
Staff	9%	16%	16%	13%	28%	19%	6.30
Students	38%	25%	13%	0%	25%	0%	2.71

Table 26: Riding Distance for Cyclists

Source: Respondent Data (OverallWt) Base: Respondents who took a bike to campus BIKECOMM1: When you use a bicycle as part of your commute, how far do you ride?

#### Bicycle Parking

Three-fifths of bike commuters park at a bike rack on campus.

Overall satisfaction with bicycle parking on campus has improved between 2019 and 2020 with only 18 percent saying they are not satisfied with security.

Table 27: Trends in Overall Satisfaction with Bicycle Parking

	2018	2019	2020
Total Satisfied	85%	78%	82%
Very Satisfied	37%	31%	33%
Somewhat Satisfied	47%	47%	49%
Total NOT Satisfied	15%	22%	18%

#### Table 28: Bike Parking

Bike rack on campus	60%
In office	19%
Bike locker campus	10%
Fenced, locked bicycle enclosure	11%
Dedicated storage on campus	10%
Parking garage	3%
Someplace else	2%
Source: Respondent Data (OverallWt)	
Rase: Ricycle respondents	

Base: Bicycle respondents

BIKECOMM3: When you use your bike as part of your commute trip, do you typically park your bike.

Cyclists are most satisfied with proximity to destination and least satisfied with the security of bicycle parking.

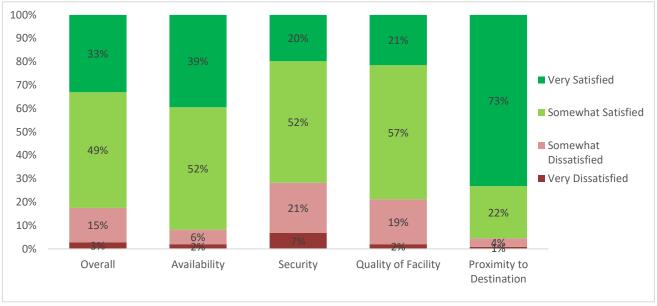


Figure 10: Satisfaction with Bicycle Parking

Source: Respondent Data (OverallWt) Base: Respondents who parked bike on UW campus BIKECOMM3C How satisfied are you with each of the following

Too few respondents park their bikes in bike lockers, bike enclosures and bike storage facilities to perform reliable analysis among these groups. The table below if for information only and should not be relied upon for decision making.

	Bike Rack (n=42)	Bike Locker (n=5)	Bike Enclosure (n=8)	Bike Storage (n=7)
Overall	79%	75%	100%	100%
Availability	88%	100%	100%	93%
Security	62%	100%	84%	93%
Quality of Facility	78%	75%	84%	93%
Proximity to Dest.	96%	100%	84%	100%

Table 29: Net Satisfaction with Bicycle Parking by Place Parked

### Bike Infrastructure Improvements

Infrastructure improvements such as more bike lanes, separated bike tracks and off-street paths would have the largest impact on encouraging people to bike to campus more often.

Additional improvements such as additional secure parking and more neighborhood greenway routes on residential streets would also have a large impact.

# Two things that matter the least are additional covered bicycle parking and the addition of a guaranteed ride home for cyclists.

## More bicycle lanes, separated cycle tracks, and off-street paths Additional secure bicycle parking locations More neighborhood greenway routes on residential streets More signs and shared lane pavement markings Showers and clothes lockers at your destination More bicycle racks Guaranteed ride home in the event of an emergency I already bike commute every day Additional covered bicycle parking 1

*Figure 11: Extent of Impact on increasing Bicycle Commuting* 

Source: Respondent Data (OverallWt) Base: Respondents who have a bike or took a bike to campus

BIKECOMM4: Which of the following would encourage you to bike to campus more often? | Of those you selected, which one would be most effective in encouraging you to bike to campus more often? | Of those items you did not select, which one has the least impact on increasing the frequency that you would bike to campus?

0

2

4

6

8

10

12

14

16

18

#### Bike Sharing as Part of Commute

All bike commuters use a personal bike for their commute. In previous years, about 10% of bike commuters have used a bike share. This is likely another impact of COVID-19.

#### Table 30: Use of Bike Share to Commute

	Personal Bike	Bike Share
Overall (n=72)	100%	0%
Employees (n=64)	100%	0%
Faculty (n=32)	100%	0%
Staff (n=32)	100%	0%
Students (n=8)	100%	0%

Source: Respondent Data (OverallWt) Base: Respondents who took a bike to campus

BIKECOMM2: When you use a bicycle as part of your commute trip, do you use a personal bike or a Bike Share program?

## **Driving Alone**

Four-fifths of those who drive alone as their primary travel mode report that they drive for their entire trip.

#### Table 31: Percent Drive Alone as Primary Mode (Monday through Friday)

	All	Employees	Faculty	Staff	Students	
Drove Alone	36%	43%	43%	44%	16%	
Source: Trip Data (OverallWt) Base: All respondents Percent shown is percent of trips taken (Excludes Telecommuters)						

Table 32: Percent of Drive-Alone Trips that Are Entirely by Car versus Combined with Other Modes (Mon–Fri)

	% Drive Entire Trip*	% Drive + Transit	% Drive + Other Mode**			
All	81%	12%	7%			
Employees	83%	11%	6%			
Faculty	86%	8%	6%			
Staff	80%	14%	6%			
Students	67%	22%	11%			
<ul> <li>Includes trips with a single trip leg (drive alone) or drive alone and walk to final destination.</li> <li>Includes carpool vanpool matorcycle bicycle shuttle</li> </ul>						

 Includes carpool, vanpool, motorcycle, bicycle, shuttle, etc.

#### Source: Trip Data (OverallWt)

Base: Respondents whose primary mode is drive alone; cell sizes represent number of respondents providing **Trip Data** May not add to 100% due to rounding

## Carpooling / Vanpooling

Five percent (5%) (excluding telecommute) or a total of 3,227 commute trips to campus per week are primarily carpool or vanpool trips.

• 85 percent carpool trips are two-person carpools.

Table 33: Number in Carpool / Vanpool

		All	Faculty	Staff	Students
Correct!*	% 2-Person	85%	100%	100%	70%
Carpool*	Mean	2.25	2.00	2.00	2.50
Vanpool**	Mean	7.00	0.00	7.00	n/a
Source: <b>Respondent Data (</b> OverallWt <b>)</b> COMMCP / COMMVP: Number of people 16 and older in carpool (including yourself) Base: Primary trip is carpool or vanpool; base sizes is number of respondents from <b>Respondent Data</b>					

\*Note, small sample sizes for carpool data (all=38, faculty=6, staff=22, students=10)

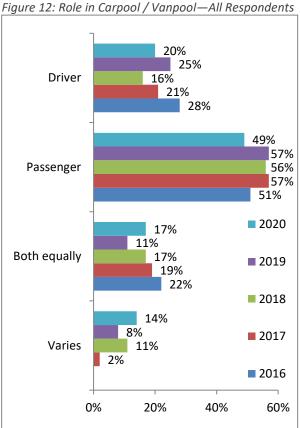
\*\*Note, small sample sizes for vanpool data (all=6, faculty=0, staff=6, students=0)

# Half (49%) of carpool / vanpool respondents state they are the passenger.

Table 34: Role in Carpool—by Type\*

	Total	All Employees	Faculty	Staff	Student
Driver	20%	30%	33%	27%	70%
Passenger	49%	48%	67%	36%	50%
Both equally	17%	14%	0%	23%	20%
Varies	14%	8%	0%	14%	20%

\*Note, small sample sizes for carpool data (all=38, faculty=6, staff=22, students=10)



Source: Respondent Data (OverallWt)

PARK4: When you carpool are you typically. Base: Respondents whose primary trip mode is carpool or vanpool

### Parking

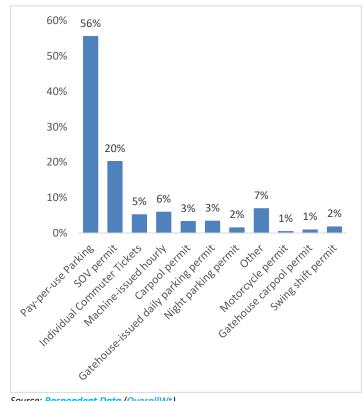
Three fourths of respondents who take a vehicle park in a UW lot or garage.

• Faculty are the most likely to park in a university run spot.

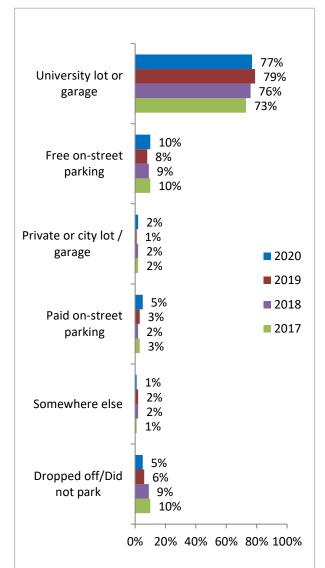
On average, it takes about seven and a half minutes for respondents to walk from their parking spot to their final destination.

Most people who park use a pay-per-use or SOV permit.

Figure 13: Parking Permits Used



Source: Respondent Data (OverallWt) Base: Last leg to campus is drive/carpool/vanpool/motorcycle PARK3: Which of the following parking products do you use when parking on campus?



Source: Respondent Data (OverallWt)

Base: Last leg to campus is drive/carpool/vanpool/motorcycle PARK1: When you drive alone to campus, where do you typically park?

Table 3	35:	Parking	Locations	by	Туре
---------	-----	---------	-----------	----	------

	Total	All Employees	Faculty	Staff	Student
A University lot or garage	77%	79%	92%	67%	71%
Free on-street parking	10%	9%	3%	15%	13%
In a private / city lot / garage	2%	2%	1%	4%	0%
Paid on-street parking	5%	4%	1%	7%	8%
Did not park	5%	5%	3%	7%	4%
Other	1%	1%	0%	1%	4%

#### Figure 14: Parking Locations

## **Carpool Parking**

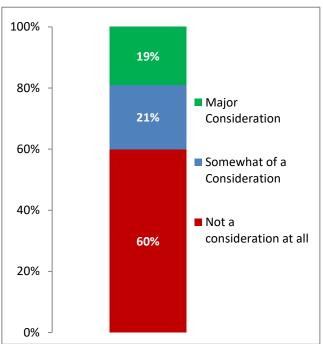
Discounted parking factored into the mode choice decision for two out of five respondents who carpooled.

• It was a "major" consideration for one-fifth of car-poolers.

Over half (63%) of car-poolers are satisfied with parking.

The attractiveness of carpool parking receives the lowest rating (37% dissatisfied).

Figure 15: Extent of discount parking on decision to carpool



Source: Respondent Data (OverallWt)

Base: Last leg to campus is carpool/vanpool

PARK4B: To what extent was discounted carpool parking fees a factor in your decision to carpool

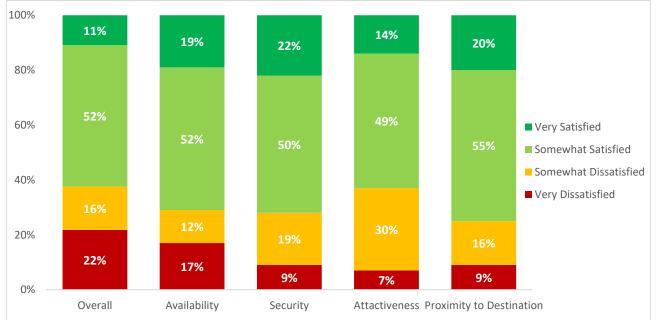


Figure 16: Satisfaction with Carpool Parking

Source: Respondent Data (OverallWt)

Base: Last leg to campus is carpool

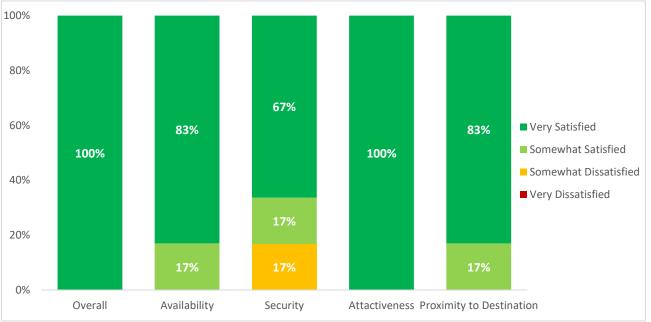
PARK4C: How satisfied are you with each of the following aspects of carpool parking on campus. Excludes respondents with "no opinion" (n=108)

## Vanpool Parking

All (100%) of vanpoolers are satisfied with parking.

While still high (84% satisfied), security of vanpool parking receives the lowest rating.

Figure 17: Satisfaction with Vanpool Parking



Source: Respondent Data (OverallWt)

Base: Last leg to campus is vanpool –NOTE: Only n=6 respondents vanpooled during the 2020 survey period

PARK5: How satisfied are you with each of the following aspects of vanpool parking on campus. Excludes respondents with "no opinion" (n=8)

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## **Key Findings: Overall Transit Use**

Three transit systems serve the University of Washington Seattle campus directly: King County Metro Transit, Community Transit, and Sound Transit (both express bus and link light rail). Link Light Rail started serving the University of Washington in mid-2016 with the opening of the station near the UW Medical Center and Husky Stadium.

Other systems covered by the U-PASS include the Sounder Commuter Rail, Everett Transit, Kitsap Transit, and Pierce Transit. Trips on these systems require a transfer to reach the UW Seattle campus.

## **Transit Use**

One out of four respondents made at least one trip on one of the region's transit systems in the previous 7 days. In the previous two years, 73% of respondents had made at least one trip on transit. This is likely another impact of COVID-19.

Table 36:	Trends	in	Overall	Transit Use	
			2019	2010	

	2018	2019	2020
Total	73%	73%	25%
All Employees	65%	65%	24%
Faculty	63%	62%	23%
Staff	66%	66%	24%
Students	79%	79%	26%

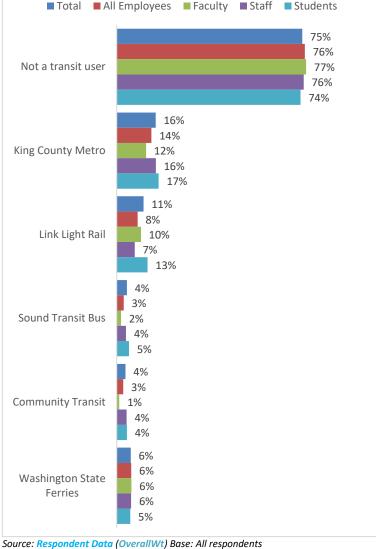


Figure 18: Overall Transit Use—agencies used by >=5% of population

*TRANSIT1; In the past 7 days, how many one-way trips did you take on each of the following for any purpose (not just getting to or from work or school)?* 

## Number of Trips

Respondents reported taking a total of 3,217 trips on one or more of the region's transit systems in the previous 7 days.

 This equates to more than 132,198 total trips for the entire population—the equivalent of 1.96 one-way trips per person. This is down dramatically from 2019.

Trips on Metro account for about two-fifths of transit trips. This is also down from previous years. Light rail now accounts for 29,873 trips—that is almost a quarter of all transit trips taken by UW faculty, staff and students.

Table 37: Average Weekly Metro Transit Trips 2017–2019

	2018	2019	2020
Average # of One-W	/ay Trips / A	ll Respon	dent
All Transit	6.86	7.27	1.96
King County Metro	3.67	3.91	0.76
All Employees	2.86	3.16	0.75
Faculty	2.31	3.08	0.64
Staff	3.13	3.20	0.85
Students	4.23	4.38	0.77
Average # of One-W	ay Trips on	Metro / N	letro
	Riders		
All Riders	6.63	7.26	4.82
All Employees	6.02	6.96	5.35
Faculty	5.13	7.12	5.35
Staff	6.42	6.90	5.34
Students	6.96	7.40	4.53

#### Table 38: Total Transit Trips in Previous Week

	Respondents	UW Population	% of Transit Trips
	Total Weekly	Transit Trips	
Total Transit Trips	3,217	132,198	100%
King County Metro Trips	1,246	51,222	39%
Net Trips on Other Systems	1,970	80,976	61%
Link Light Rail	727	29,873	23%
ST Bus	200	8,230	6%
Community Transit		20,445	15%
Sounder Rail	53	2,164	2%
Washington State Ferries		10,408	8%
Seattle Streetcar	52	2,132	2%
Everett Transit	31	1,278	1%
KC Water Taxi	44	1,824	1%
Kitsap Fast Ferry	46	1,904	1%
Kitsap Transit	22	1,795	1%
Pierce Transit	2	923	1%

Source: Respondent Data (Weighted by OverallWt and (ExpansionWt) Base: All respondents

TRANSIT1: In the past 7 days, how many one-way trips did you take on each of the following for any purpose (not just getting to or from work or school)?

Table 39: Total Transit Trips on Most Used Systems

	Average # of One-Way Transit Trips / All Respondents	1.96
	Average # of Trips on KC Metro / All Respondents	0.76
o	Faculty	0.64
Aetr	Staff	0.85
ity N	Students	0.77
King County Metro	Average # of Trips on KC Metro / Metro Riders	4.82
Kin	Faculty	5.35
	Staff	5.34
	Students	4.53
	Average # of Trips on Link Light Rail / All Respondents	0.44
Rail	Faculty	0.45
sht F	Staff	0.29
k Lig	Students	0.50
Central Link Light Rail	Average # of Trips on Link Light Rail / Link Light Rail Riders	4.08
Cent	Faculty	4.57
•	Staff	3.98
	Students	3.99
	Average # of Trips on Sound Transit / All Respondents	0.12
	Faculty	0.05
insit	Staff	0.13
l Tra	Students	0.14
Sound Transit	Average # of Trips on Sound Transit / ST Riders	2.98
	Faculty	2.60
	Staff	3.41

	Average # of Trips on Community Transit / All Respondents	0.30
ij	Faculty	0.06
rans	Staff	0.19
τΛ	Students	0.42
Community Transit	Average # of Trips on Community Transit / Community Transit Riders	8.62
Co	Faculty	5.67
	Staff	4.74
	Students	10.25
=	Average # of Trips on Sounder Rail / All Respondents	0.03
r Ra	Faculty	0.00
iute	Staff	0.06
nno	Students	0.03
Sounder Commuter Rail	Average # of Trips on Sounder Rail / Washington Sounder Rail Riders	2.92
Sour	Faculty	N/A
•,	Staff	4.50
	Students	2.38
	Average # of Trips on WSF	0.45
ies	/ All Respondents	0.15
Feri	Faculty	0.17
tate	Staff	0.15
n St	Students	0.15
ngto	Average # of Trips on WSF / WSF Riders	2.74
Washington State Ferries	-	2.74
3	Faculty Staff	2.82
	Students	2.82
	Students	2.75

## Trip Purpose(s)

One half of transit users indicate that commuting to or from the UW is their primary purpose when using public transportation.

- Staff are the most likely group to primarily use transit for their commute.
- Students have the most varied reasons for using transit—almost two-fifths of them use transit for non-commute purposes.

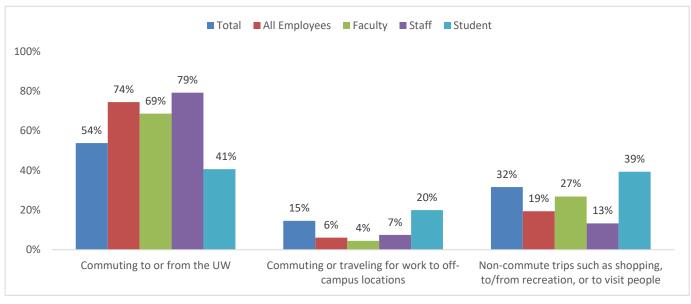


Figure 19: Trip Purpose: Metro Trips

Source: Respondent Data (OverallWt) Base: Respondents who rode public transit in the past 7 days TRANSIT4: What is the primary purpose for the trips that you take on public transportation?

## **Metro Ridership**

## Number of Trips

Respondents reported a total of 1,246 weekly one-way rides on Metro. When projected to the entire UW population this equates to more than 51,222 weekly transit trips.

- UW faculty account for only 16% of all one-way trips on Metro.
- Students account for 60% of all one-way trips on Metro. On average, students took 0.77 one-way trips in the 7 days prior to the survey.

Table 40: Number of Weekly One-Way Trips on Metro

	All	All All Employees		Staff	Students	
			spondents			
Total #of Weekly One-Way Trips	1,246	498	195	303	748	
		Expanded to Population				
Total # of Weekly One-Way Trips	51,222	20,463	8,013	12,450	30,759	
% of Total Weekly Trips		40%	16%	24%	60%	
Average # of Weekly One-Way Trips / Person	0.76	0.75	0.64	0.85	0.77	

Source: Respondent Data (OverallWt) and (ExpansionWt)

Base: All respondents

TRANSIT1: In the past 7 days, how many one-way trips did you take on each of the following for any purpose (not just getting to or from work or school)?

At least three-fifths of Metro trips are to or from campus. This holds true for all segments.

Thirty-three percent (33%) of Metro trips are intra-campus trips—that is, trips between two points on the campus and/or the U-District.

- Students are more likely than staff and faculty to use Metro for intra-campus trips.
- It should be noted that respondents could provide answers for both to/from and intra-campus trips. While writing the questionnaire the decision was made to not force the sum of these trips to equal the total number of trips taken. This means that a trip where a respondent may have travelled from some point within the U-District onto the UW campus proper may be counted twice. Thus, the percentages in the table below may not sum to 100%.

		Total Metro Trips	To / From Campus	Intra-Campus
A.U.	# One-Way Trips*	1,246	839	285
All	% of Total Metro Trips*		67%	33%
All	# One-Way Trips*	498	387	84
Employees	% of Total Metro Trips*		78%	22%
Foculty	# One-Way Trips*	195	159	14
Faculty	% of Total Metro Trips*		82%	18%
Staff	# One-Way Trips*	303	228	70
51811	% of Total Metro Trips*		75%	25%
Ctudanta	# One-Way Trips*	748	453	200
Students	% of Total Metro Trips*		61%	29%

#### Table 41: Types of Metro Trips

Source: Respondent Data (OverallWt) Base: All respondents

TRANSIT1 In the past 7 days, how many one-way trips did you take on each of the following for any purpose (not just getting to or from work or school)?

TRANSIT2A: How many of those trips you took last week included getting to or from the UW campus area?

TRANSIT2B: How many of those trips you took last week were between two points in the U District? (The U-District is defined as east of I-5, north of Portage Bay and Montlake cut, south of Ravenna Boulevard and west of Mary Gates Drive.)

\*Percentages sum to 100% across the rows. May not sum to 100% due to questionnaire logic allowing multiple types of trips.

## Fare Payment

About three-fifths of those riding Metro use a U-PASS to pay their fare.

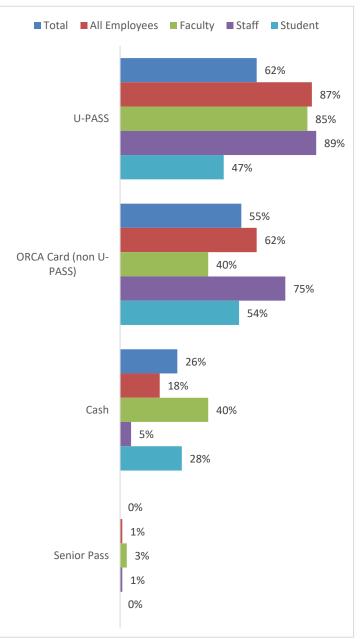
The rate of U-PASS usage is lower for students than in previous years.

Use of the U-PASS when riding Metro has remained the same for faculty and staff.

Table 42: Trends in U-PASS Use for Fare Payment 2018-2020

	2018	2019	2020
Total	95%	96%	62%
All Employees	86%	89%	87%
Faculty	82%	83%	85%
Staff	88%	92%	89%
Students	100%	99%	47%

Figure 20: Fare Payment



Source: Respondent Data (OverallWt)

Base: Ridden Metro in previous 7 days TRANSIT5: When you rode Metro, how did you pay your fare? [Blank page inserted for pagination purposes.]

## **Key Findings: U-PASS**

## **U-PASS Acquisition**

The percent of staff and students with a U-PASS has fallen significantly since 2019, whereas for faculty it has only fallen slightly. This is likely due to many more staff and students telecommuting due to COVID-19.

The 2019 survey included a variable to indicate staff that receive a U-PASS as part of a collective bargaining agreement. For purposes of this report, this group has been lumped into the percent with a valid U-PASS. This explains the large jump in the percent of staff with a U-PASS between 2018 and 2019.

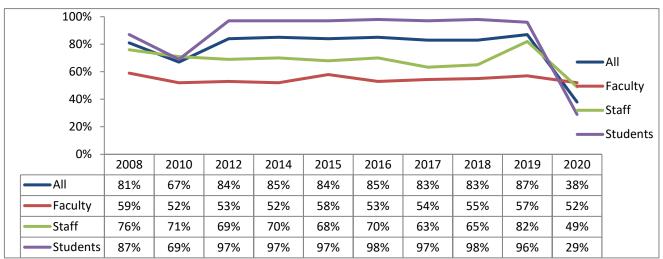


Figure 21: Percent with Valid U-PASS

Source: Respondent Data (OverallWt)

Base: All respondents

U-PASS1/BENNEFIT: Do you have a U-PASS that is valid for Fall Quarter 2020?

Four-fifths of U-PASS holders have had their U-PASS for at least a year.

• Six out of ten employees have had their U-PASS for three years or longer.

Nineteen percent (19%) of students are new users—that is, Fall Quarter 2019 is the first quarter they have had a U-PASS.

- More undergraduate students are new users (24%) compared with graduate students (15%).
- Among undergraduate students, the percentage of new members is related to class standing.

It should be noted that combined, graduate students and freshman make up a significant portion of the students who completed the survey. The high rate of new U-PASS members among these two groups greatly impacts the total percentage of students who are new U-PASS members.

	New User
Total	19%
NET: Under Graduate	24%
Freshman	92%
Sophomore	0%
Junior	18%
Senior	4%
NET: Graduate Student (incl prof.)	15%
Graduate	15%
Professional	20%

Table 43: Percent New Members by Class Standing

Source: Respondent Data (OverallWt)

Base: Students who are new members

\*New member is defined as the first quarter that respondent has used U-PASS.

	Total	All Employees	Faculty	Staff	Students
New User	19%	18%	27%	10%	19%
1-2 Years	29%	18%	14%	22%	41%
3+ Years	53%	64%	59%	68%	40%

Table 44: Length of Time Had U-PASS

Source: Respondent Data (OverallWt)

Base: Respondents with a U-PASS

UPASS1A:How long have you had a U-PASS?

Faculty and staff can obtain a U-PASS either through the collective bargaining agreement, with a parking permit or through an outright purchase.

Fifty-four percent (54%) of employees received their U-PASS as part of a collective bargaining agreement.

Staff are significantly more likely than • Faculty to have received this as part of the agreement.

Twenty-seven percent (27%) of employees purchased their U-PASS.

• Twelve percent (12%) received their U-PASS along with the purchase of a parking permit.

0% 20% 60% 80% 40% Received as pat of 54% Collective bargaining 48 59% agreement Purchase U-PASS 25% 29% Receive with SOV 17% permit 8% All Employees Faculty Receive with carpool 5% permit 1% Staff 0% 0% Receive with motorcycle permit 0% 0% 1% Vanpool driver or bookkeeper Other 5% 2%

Figure 22: Acquisition of U-PASS (Faculty and Staff)

Source: Respondent Data (EmployeeWt)

Base: Employees with a U-PASS

BENEFIT/UPASS2/UPASS3: Did you purchase your U-PASS, receive a U-PASS with an SOV parking permit, a carpool parking permit, receive a motorcycle parking permit or because you are a vanpool driver or bookkeeper, or something else?

Table 45: Trends in Faculty / Staff U-PASS Acquisition

	2017	2018	2019	2020
		% Pu	ırchase	
All Employees	71%	70%	40%	27%
Faculty	64%	63%	49%	25%
Staff	74%	73%	37%	29%
	% Receive	e with Park	ing Permit*	
All Employees	26%	25%	13%	3%
Faculty	34%	33%	31%	5%
Staff	22%	22%	7%	1%

Source: Respondent Data (EmployeeWt) Base: Employees with a U-PASS

\*Includes SOV, carpool, and motorcycle permit

+2019 was the first year that collective bargaining agreement was incorporated into this data.

The percentage of faculty and staff purchasing their U-PASS outright has dropped significantly between 2019 and 2020.

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## Using the U-PASS

As expected, the primary use of the U-PASS is for transit.

• Riding the light-rail is the most common use for the U-PASS.

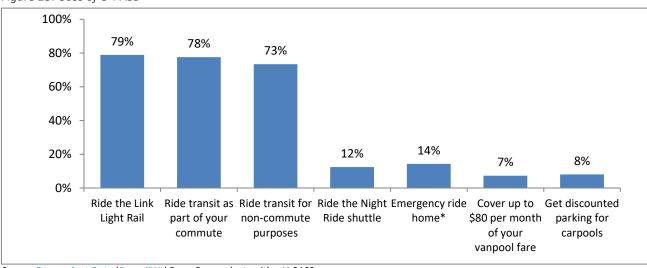
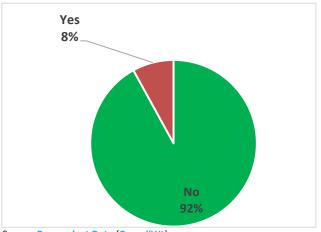


Figure 23: Uses of U-PASS

Source: Respondent Data (OverallWt) Base: Respondents with a U-PASS UPASS4: How often have you used your U-PASS to do each of the following? \* Emergency ride home program is available to faculty and staff only. Includes Rarely, Sometimes, Frequently

Eight percent of respondents (8%) have received personalized trip planning service through Commute Options Services. Of these (n=156), fifty-two percent (n=74) state that using this service affected how they commuted to campus.

Figure 24: Use of Commute Options Service



Source: Respondent Data (OverallWt) Base: Respondents with a U-PASS UPASS5: Have you used the Commute Options Service to receive personalized commute assistance to campus? There are differences in the uses of the U-PASS based on segment.

- Students are the most likely to ride the Night Ride Shuttle.
- Students use their U-PASS more frequently than employees for commute trips.

		Total	All Employees	Faculty	Staff	Students
	Never	21%	19%	17%	20%	24%
	Rarely	25%	24%	23%	25%	26%
Ride the Link Light Rail	Sometimes	30%	34%	33%	35%	26%
	Frequently	23%	23%	26%	20%	24%
	Never	88%	91%	91%	91%	84%
	Rarely	10%	7%	9%	6%	13%
Ride the Night Ride shuttle	Sometimes	2%	1%	1%	2%	2%
	Frequently	1%	1%	0%	1%	1%
	Never	86%	86%	87%	84%	
For an and the barrier	Rarely	10%	10%	11%	9%	
Emergency ride home	Sometimes	3%	3%	2%	4%	
	Frequently	1%	1%	0%	2%	
	Never	92%	93%	95%	92%	90%
Discounted parking for	Rarely	4%	3%	1%	4%	5%
carpools	Sometimes	2%	2%	1%	3%	3%
	Frequently	2%	2%	3%	1%	2%
	Never	93%	96%	97%	94%	90%
Discounted fares for	Rarely	3%	1%	2%	1%	5%
vanpool	Sometimes	1%	0%	0%	1%	2%
	Frequently	3%	3%	1%	4%	3%
	Never	22%	19%	23%	16%	26%
Ride transit as part of your	Rarely	15%	15%	15%	14%	15%
commute	Sometimes	16%	15%	17%	13%	17%
	Frequently	47%	51%	45%	56%	42%
	Never	27%	25%	26%	23%	29%
Ride transit for non-	Rarely	25%	28%	25%	30%	23%
commute purposes	Sometimes	28%	31%	32%	30%	26%
	Frequently	20%	17%	17%	17%	23%

Table 46: Primary Uses of U-PASS by Segment

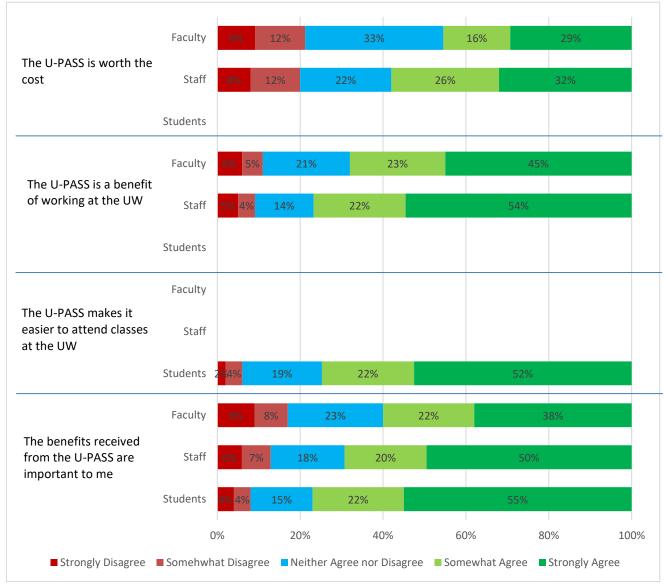
Source: Respondent Data (OverallWt) Base: Respondents with a U-PASS

UPASS4: How often have you used your U-PASS to do each of the following?

\* Emergency ride home program is available to faculty and staff only.

## **U-PASS BENEFITS**

Overall, seven out of ten respondents agree that the benefits received from the U-pass are important to them.



#### Figure 25: Overall Satisfaction with the U-PASS Program

Source: Respondent Data (OverallWt)

Base: Respondents with a Valid U-PASS

UPASS6 How much do you agree or disagree with the following statements about the U-PASS program?

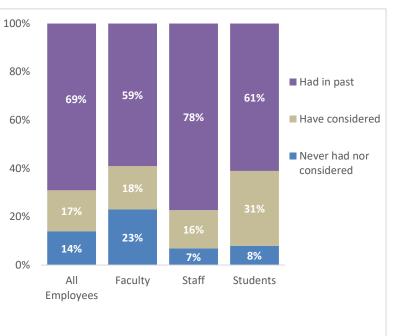
## **U-PASS Non-Members**

Seven out of ten (69%) employees have had a U-PASS in the past.

Three in ten (31%) employees have never had nor would consider getting a U-PASS.

Significantly more students than in past years do not have a U-PASS (n=412 in 2020 and n=26 in 2019). This is likely due to many more students telecommuting because of COVID-19. The majority of these students (61%) have had a U-PASS in the past.

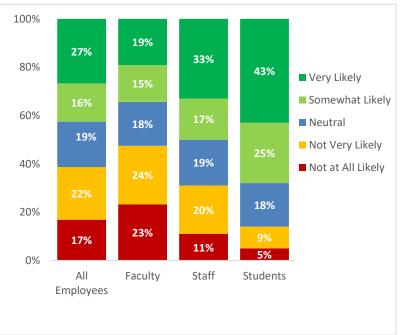
Figure 26: Past Use or Consideration of U-PASS



#### Source: Respondent Data (EmployeeWt) Base: Respondents WITHOUT a U-PASS

NOPASS1: Have you ever had or considered having a U-PASS?

Figure 27: Potential Acquisition of U-PASS



Source: Respondent Data (EmployeeWt)

Base: Respondents WITHOUT a U-PASS NOPASS2: Have you ever had or considered having a U-PASS?

The majority of those who do not currently have a U-PASS indicate that they are neutral, somewhat likely, or likely to get a U-PASS in the future.

## **Appendix I: Detailed Methodology**

This survey was conducted via mixed modes—using a web-based survey and a computer-assisted telephone interviewing (CATI) methodology that mirrored the web survey. All faculty, staff and students were initially contacted through email. Those did not complete the online survey within a week were contacted by telephone to complete the survey. This dual methodology was first adopted in the 2002 survey wave to obtain a higher response rate (50–55% is required) from faculty and staff for the State of Washington's Commute Trip Reduction measurements and to accommodate respondent requests from previous years.

Data collection was completed between November 19, 2020 and February 15, 2021.

- Holiday schedules: Data collection is stopped during holidays as these time frames cause disruption in normal travel.
  - Data collection was paused from November 26 through December 9 for the Thanksgiving break.
  - o Data collection was paused from December 17, 2019 thru January 14, 2020 for the winter break..

To ensure that data was collected over the entire period, the sample was introduced in successive batches, rolling the online sample to the telephone survey and inviting new sample elements to complete the online survey. Respondents were questioned about their travel during the previous 7 days. Data collection was completed by February 15, 2021.

Prior to data collection, UW sent an introductory email to all faculty members, staff, and students that had been randomly selected to complete the survey. The email introduced the survey and discussed the schedule and response options—telephone and online. The timing of the introductory email was approximately a few days before respondents received their personalized login code in their e-mail inbox. Awareness of the survey effort was also made known through the outreach materials listed below. Full text of the outreach materials is in Appendix IV.

Outreach materials consisted of the following:

- UW e-mail notifications
- COMENGAGE e-mail invitation and reminders
- FAQs for posting on websites, e-mailing to respondent, requests for additional information, etc.

### Questionnaire

The questionnaire contained a variety of question formats, including closed single and multiple response questions for all categorical data. In situations where not all of the possible responses were known, an "other" category was included so the respondent's verbatim response could be recorded. These results were reviewed and, where appropriate, coded post-facto into the database. All attitude and evaluation questions used scaled response formats. Scales were typically four or five points in length. To prevent order bias, certain blocks of questions were rotated or randomized in both the online and telephone versions of the survey.

A copy of the questionnaire is included in Appendix III.

## Sample Selection and Management

The UW provided two databases to ComEngage for sampling: the student database and a database including all types of UW employees (staff and faculty), drawn from UW's payroll and personnel system.

The combined UW databases were stratified into three main groups—faculty, staff, and students. Because the sample was already designated (faculty, staff, and students) the only qualifying statement that respondents needed to verify was whether they worked or attended classes at a UW owned or leased building. This verification revealed a very close match with the sample information. Prior to data collection, an analysis of the student sample was conducted to ensure accurate representation of class standing within the student sample universe. After data collection was complete, class standing analysis was conducted to verify representative distribution of class standing for survey respondents and found that representation was fairly close (within +/-5% of actual class distribution).

Based on the desired quotas for each group, and limited by the state CTR response requirements, a random sample was drawn for each group. Historically, approximately 20% of the randomly selected sample has been disqualified from the survey—generally for not working or attending classes at the main University District campus in Seattle, WA. This was considered for the final sample pull of 3,750 sample elements (1,500 students, 1,500 staff, and 750 faculty).

Sample elements with e-mail addresses were initially contacted online, while those without e-mail addresses were contacted via telephone.

If the respondent did not complete the online survey during their time allotment, the sample record was transferred to the telephone interview sample. Interviewers made up to five attempts to reach respondents by phone.

At the beginning of the interview, respondents were screened to determine eligibility. Respondents who did not qualify for the survey were immediately screened out. If a respondent was qualified to take the survey but was not available to be interviewed at the time the current call was placed, a callback interview was scheduled. Significant effort (including repeated callbacks) was made to reach the respondent at both the daytime work and the evening residence numbers. In addition, respondents with e-mail addresses who were not reached during the initial three waves were re-invited to complete the online survey in two additional online survey waves. These were simultaneous to the telephone follow-up efforts.

## **Appendix II: Sources for Previous Year Mode Share Data**

Prior to 2012, the mode share data was calculated using a different methodology. The previous data files are either unavailable or do not contain the variable or calculation used to determine mode-share. The mode share numbers from 2002 through 2010 have been imported from the previous reports. The table below provides the table number from which the mode share data was imported for each of the previous years.

Table 47: Sources for Mode Share Data from 2002 to 2010

Year	Source
2002	Final Report—Table 13
2004	Final Report—Table 13
2006	Final Report—Table 18
2008	Final Report—Table 17
2010	Final Report—Table 21

[Blank page inserted for pagination purposes.]

## **Appendix III: Questionnaire**

## INTRODUCTION

Thank you for agreeing to participate in this important study for the University of Washington. The information gathered in this study will be used to help improve transportation in and around the U-District. Additionally, it provides data to help the University meet State and City regulatory requirements. You have been randomly selected to participate in the research effort and all of your responses will be kept confidential and only used in aggregate with others participating in this study.

This important survey. . .

- 1. Provides information on travel behavior that the University uses for long-range development plans.
- 2. Provides data required by the State of Washington's Commute Trip Reduction Law. Major employers are required, by this law, to provide data on their employees' commuting choices as determined by the survey. (<u>http://www.wsdot.wa.gov/Transit/CTR/overview.htm</u>)
- 3. Provides important information on the effectiveness of the University's U-PASS program and potential program improvements.

**IF VERSION == 1 DISPLAY:** This survey is interested in travel made to campus for any reason associated with your status as a student. This could include attending classes, studying, group projects, or academic employment such as teaching or research. For simplicity's sake, the term "attend classes" will be used to cover all of these activities.

If you have program or general questions, please contact ucommute@uw.edu.

If you have technical survey questions, please contact Nathan Wiggin, the project director at ComEngage at <a href="mailto:nwiggin@nwresearchgroup.com">nwiggin@nwresearchgroup.com</a> or (206) 489-2363.

### SCREENER

PASS-IN VARIABLES VERSION: 1=PHONE none=web------PASSED IN THROUGH SAMPLE TYPE: 1=STUDENT, 2=FACULTY, 3=STAFF------PASSED IN THROUGH SAMPLE BARGAIN: 1=RECEIVED U-PASS AS PART OF A BARGAINED BENEFITS PACKAGE-----PASSED IN THROUGH SAMPLE TYPEGROUP: 1=STUDENTS, 2=EMPLOYEES------ASSIGNED AT S1 FTSTD: 1=PART TIME, 2= FULL TIME ------ASSIGNED AT ZIP TRANSITSUM: TOTAL NUMBER OF TRANSIT TRIPS TAKEN FROM TRANSIT1------ASSIGNED AT TRANSIT2 LINKSOUNDER: TOTAL NUMBER FO RAIL TRIPS TAKEN FROM TRANSIT1------ASSIGNED AT TRANSIT2 EMAIL: Email address, this is to be assigned In CTR1

*IF TYPE EQ 01: RESTORE [ATTEND CLASSES OR OTHER SPECIFIED WORDING] WHERE SPECIFIED IF TYPE EQ 02 OR 03: RESTORE [WORK] WHERE SPECIFED* 

# **S1** Do you [work / attend classes] on the Seattle campus or in a UW owned or leased building in the University District?

- 01 No, neither [MUTUALLY EXCLUSIVE]
- 02 Yes, on Seattle campus
- 03 Yes, in the University District

POST SKIP: IF S1 = 1 AND (TYPE = 2) OR (TYPE = 3) SKIP TO 2A POST SKP: IF S1 = 1 AND TY[E = 1 SKIP TO TermNotAtUW

PRESKIP: IF TYPE=1 SKIP TO NEXT QUESTION PRESKIP: IF S1 <> 1ASK S2 IF TYPE EQ 02 OR 03 AND S1=2

#### S2 In which building in the U-District do you work?

Open-ended question

PRE SKIP: IF S1 <> 1 OR TYPE=1 SKIP TO NEXT QUESTION

#### S2A Where do you work?

[Open-ended question]

POST SKIP: ALWAYS SKIP TO TermNotAtUW

**S3** Are you employed...?

- 01 Full-time (35 hours or more per week)
- 02 Part-time (20 to 34 hours per week)
- 03 Part-time (less than 20 hours per week)
- 888 Something else (please describe) [FORCE SPECIFY]

PRESKIP: IF TYPE = 1 SKIP TO NEXT QUESTION

S3A Is your position intended to last 12 months or more?

- 01 No
- 02 Yes

PRE SKIP: IF TYPE = 2 OR TYPE = 3 SKIP TO NEXT QUESTION

**S4** How many credits are you currently registered for this quarter? *(Enter '999' if you do not know)* 

Number of credits: \_\_\_\_

PRE SKIP: S4 < 999 SKIP TO NEXT QUESTION PRE SKIP: IF TYPE = 2 OR TYPE = 3 SKIP TO NEXT QUESTION

- S4A Are you a full-time or part-time student?
  - 01 Full time
  - 02 Part time

## **GENERAL TRAVEL**

ZIP

What is the zip code associated with your current residence [IF TYPE EQUALS 01 SHOW "while attending the UW"]?

Zip Code: \_\_\_\_\_

#### POPULATE VARIABLE: FTSTD

if (GETVALUE("S4") < 10) SETVALUE("FTSTD", 1); elsif ((GETVALUE("S4") > 9) && (GETVALUE("S4") < 999)) SETVALUE("FTSTD", 2); if (GETVALUE("S4A") == 2) SETVALUE("FTSTD", 1); elsif (GETVALUE("S4A") == 1) SETVALUE("FTSTD", 2);

PRE SKIP: IF TYPE <> 1 SKIP TO NEXT QUESTION

### GT1 Do you live in...

- 01 UW housing, on campus
- 02 UW housing, off campus
- 03 A fraternity or sorority
- 04 Non-UW housing
- 888 Something else (please describe)

PRE SKIP: IF GT1=1 SKIP TO CTR1

**GT1A** How many miles is it from where you live to the UW main campus? Your best estimate is fine.

#### (Decimal's allowed)

**IF VERSION == 1 DISPLAY: (INTERVIEWER – IF RESPONDENT IS HAVING A TOUGH TIME)** "What are your cross streets, I can look up the mileage for you."

IF VERSION != 1 DISPLAY: "If not sure, please use the link below to calculate the mileage. The link is in no way connected to the survey, we will not have any access to what you type into the address field in Google Maps. It will just give you an accurate mileage number to type into the survey"

[GOOGLE LINK TO POP OPEN IN NEW TAB/WINDOW] https://www.google.com/maps/dir//47.6559845,-122.3092919/@47.6581308,-122.3147636,16z

Number of miles: \_\_\_\_

- **GT2** To what extent did your options for commuting to the UW influence your choice of where you live?
  - 01 Not a consideration at all
  - 02 Somewhat of a consideration
  - 03 Major consideration

- **GT3** Which of the following best describes the bus or rail service available from where you live to the UW?
  - 01 No service available
  - 02 There is direct service from where you live to the UW
  - 03 There is service available from where you live to the UW but requires transferring
  - 04 There is direct service available from a park-and-ride lot to the UW

#### PRE SKIP: IF GT3 = 1 OR GT3 > 4 SKIP TO NEXT QUESITON

**GT4** How well does the transit service from where you live to the UW meet your needs and expectations for each of the following?

	Does Not Meet Needs and Expectations	Meets Needs and Expectations	Exceeds Needs and Expectations	I don't know
Frequency of Service	O O	0	0	0
# of Transfers Required	С	O	o	0
Travel Time (amount of time it takes to get to/from the UW)	O	О	0	0
Cost	0	Ο	0	0
Reliability (on-time)	O	0	0	0
Perception of safety	0	О	0	0
Availability of seats	0	О	0	0
Time of day service is available	C	О	0	0

**GT5** Do you personally have any of the following regularly available for your commute? *(Select all that apply)* 

- 01 Car or truck
- 02 Motorcycle or moped
- 03 Bicycle or skateboard
- 04 Personal electronic transportation device such as a hoverboard, one-wheel, or electric scooter
- 97 None of the above [MUTUALLY EXCLUSIVE]

### PRE SKIP: IF GT5 <> 3 SKIP TO NEXT QUESTION

- **GT6** Is your bicycle or skateboard a traditional, human powered device, or is an electronic or E-assist type device? If you have more than one type, select all that apply. (Select all that apply)
  - 01 Traditional, human powered device
  - 02 Electronic / E-assist type device

ASK ALL

**GT7** How do you travel between two destinations within the UW main campus? (e.g. between the Husky Union Building to the chemistry building?)

(Select all that apply)

- 01 Walk
- 02 Bike using a personal bicycle
- 03 Use a bike share such as Lime or JUMP
- 04 Ride a bus
- 05 Ride share such as Uber, Lyft, or a taxi
- 06 Some other way (*Please tell us*)
- 1 do not use single mode most often [not shown in gt7, only shown in gt7a]
- **GT7A** What do you do most often when traveling between two destinations within the UW main campus?

SELECT ONLY ONE: DISPLAY ONLY THOSE SELECTED IN GT7

CTR1 Over the past week, which of the following days did you <u>physically</u> [work / attend classes] at the UW main campus or in the U District?

SU	INDAY	MONDAY	TUESDAY	WEDNESAY	THURSDAY	FRIDAY	SATURDAY	I did not commute to UW or the University district during the past week [MUTUALLY EXCLUSIVE]
	0	0	0	0	0	0	0	0

POPULATE VARIABLE: EMAIL

PERL SYNTAX TO ASSIGN EMAIL BASED ON USERID ISSUED HERE.

PRE SKIP: IF CTR1 = 8 (DID NOT COMMUTE) SKIIP TO NEXT QUESTION PRE SKIP: IF GT1 == 1 SKIP TO COMM\_INT SHOW ONLY DAYS SELECTED IN CTR1

**CTR2** What time did you **arrive** on campus on each of the days below? Enter the time and then check AM or PM (e.g. *If you arrive on campus at 8:30 a.m., then input Hour: 8 and MINUTES: 30 then check AM*).

(Your best estimate is fine.)

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
ENTER	:	:	:	:	:	:	:
TIME							
A.M.	0	0	0	0	0	0	0
P.M.	0	0	0	0	0	0	0

PRE SKIP: IF CTR1 = 8 (DID NOT COMMUTE) SKIIP TO NEXT QUESTION SHOW ONLY DAYS SELECTED IN CTR1

CTR3 What time did you leave campus on each of the days below? Enter the time and then check AM or PM (e.g. If you leave campus at 5:00 p.m., then input Hour: 5 and MINUTES: 00 then check PM).

#### (Your best estimate is fine.)

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
ENTER TIME	:	:	:	:	:	:	:
A.M.	0	0	0	0	0	0	0
P.M.	Ō	Ō	0	0	Ó	Ó	O

- **Q9D** Did your time [WORKING / ATTENDING CLASS] on campus extend past midnight on any day last week?
  - 01 No
  - 02 Yes
  - 998 [PHONE NOTATION: (DO NOT READ)] Don't know
  - 999 [PHONE NOTATION: (DO NOT READ)] Prefer not to answer

DISPLAY Q9E IF Q9D=01 (YES)

**Q9E** On which days did you stay past midnight?

#### [PHONE NOTATION] (READ LIST AND SELECT EACH DAY THE RESPONDENT INDICATES)

[WEB DISPLAY] Select the day that you arrived on campus before midnight to indicate you stayed past midnight that evening...

#### [ONLY DISPLAY DAYS SELECTED IN Q9A, MULTIPLE SELECT]

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
0	O	0	0	0	0	О

FOR CTR4: ONLY DISPLAY DAYSNOT SELECTED IN CTR1

**CTR4** You indicated, that you did <u>not</u> [work / attend classes] at the UW campus or in the University District on the following days. Did you telecommute or [work / attend classes] from a remote location for any of these days?

SUNDAY	MONDAY	TUESDAY	WEDNESAY	THURSDAY	FRIDAY	SATURDAY	I did not telecommute to the UW or U-District during the past week [MUTUALLY EXCLUSIVE]
0	0	Ο	Ο	Ο	0	0	0

*IN TRANSIT1 I THERE IS LOGIC TO AUTOCODE EACH DAY INDICATED HERE AS "TELECOMMUTE' IN THE COMM SERIES.* 

**COMM\_INT** For the next few questions, think about how you traveled to the UW campus / University District in the previous week. You will be asked to describe your commute for each day you went to campus. Your trip may have been very straightforward, like walking to campus, or you may have used a number of different types of transportation. For these questions think of all the different ways you traveled as a "leg" of each day's commute.

(Press "next" to continue)

POST SKIP: ALWAYS SKIP TO COMM1

SET UP A LOOP FROM COMM5 TO COMM6.

CREATE LOOP AND REPEAT LOOP FOR EACH DAY SELECTED IN CTR1

NOTE: COMM5 WILL NOT BE SHOWN WHEN THE ENTER THE LOOP AS COMM\_INT SKIPS OVER. SO FROM A RESPONDENT PERSPECTIVE COMM5 IS THE LAST QUESTION

COMM5 On [%LoopLabel()%], did you use the same mode of travel as just described?

- 01 No
- 02 Yes

#### **COMM1** Thinking about your travel from where you live to the UW on [%LoopLabel()%], how did you get to [work / class]?

(Please select all modes you used on [%LoopLabel()%] even if it was just for a short distance)

IF GT1 == 1 DISPLAY: "If you live on campus, please list how you get from your home to where you [work / attend class] on campus."

- 01 Drive alone or with children under 16 in a personal vehicle
- 02 Drive alone in a Car Share vehicle such as Car2Go or Zipcar
- 03 Use a ride-hailing service such as Uber, Lyft or a taxi
- 04 Carpool with 2 or more people (does not include ride-hailing services such as Uber, Lift, or Taxi)
- 05 Vanpool
- 06 Ride a motorcycle, moped, or scooter
- 07 Link Light Rail
- 08 King County Metro bus
- 09 Sound Transit bus
- 10 Community Transit bus
- 11 Everett Transit bus
- 12 Pierce Transit bus
- 13 Kitsap Transit bus
- 14 Seattle Streetcar
- 15 King County Water Taxi
- 16 Sounder Commuter Rail
- 17 Kitsap Fast Ferry
- 18 Washington State Ferries
- 19 Bicycle
- 20 Walk
- 21 Health Sciences Express Shuttle
- 22 Some other mode (Please tell us)
- 23 Telecommute [DO NOT DISPLAY]

PRE SKIP: IF COMM1 <> 4 SKIP TO NEXT QUESITON

COMMCP Including yourself, how many people 16 and older were in the carpool vehicle on [%LoopLabel()%]?

Number of people: \_\_\_\_\_

PRE SKIP: IF COMM1 <> 5 SKIP TO NEXT QUESITON

COMMVP Including yourself, how many people 16 and older were in the vanpool vehicle on [%LoopLabel()%]?

Number of people: \_\_\_\_\_

PRE SKIP: IF COMM1 <> 6 SKIP TO NEXT QUESITON

COMMMOTO Including yourself, how many people 16 and older were on the motorcycle, moped, or scooter on [%LoopLabel()%]?

Number of people: \_\_\_\_\_

#### PRE SKIP: IF COMM1 <> 7 SKIP TO COMM2

COMMLR1	At which station did you <b>board</b> the Link Light Rail on [%LoopLabel()%]?
•••	

- COMMLR2 At which station did you get off the Link Light Rail on [%LoopLabel()%]?
  - 01 Angle Lake Station
  - 02 SeaTac Airport
  - 03 Tukwila / International Blvd
  - 04 Rainier Beach
  - 05 Othello
  - 06 Columbia City
  - 07 Mount Baker
  - 08 Beacon Hill
  - 09 SODO
  - 10 Stadium
  - 11 International District / Chinatown
  - 12 Pioneer Square
  - 13 University Street
  - 14 Westlake
  - 15 Capitol Hill
  - 16 University of Washington (Husky Stadium)

**COMM2** Which part of your trip covered the longest distance, based on miles traveled on [%LoopLabel()%]?

DISPLAY ONLY THOSE MODES SELECTED IN COMM1

**COMM3** Which mode did you use to enter the UW Campus / the University District on [%LoopLabel()%]?

DISPLAY ONLY THOSE MODES SELECTED IN COMM1

**COMM4** How long **in minutes** did your entire commute take from leaving your home to arriving at your final UW destination on [%LoopLabel()%]?

(Use your best estimate)

Number of minutes \_\_\_\_\_

PRE SKIP: IF COMM3 <> 8 AND COMM3 <> 9 AND COMM3 <> 10 AND COMM3 <> 11 AND COMM3 <> 12 AND COMM3 <> 13 SKIP TO NEXT QUESITON (IF THEIR LAST LEG WAS NOT A BUS SKIP)

**COMM6** When you take the bus to campus on [%LoopLabel()%], how long did it take you to walk from where you got off the bus to your final destination?

(Use your best estimate)

Number of minutes \_\_\_\_\_

# BICYCLE

#### PRE SKIP: IF DID NOT BIKE FOR ANY PORTION OF ANY DAY IN COMM1 THEN SKIP TO BIKECOMM4

BIKECOMM1 When you use a bicycle as part of your commute, how far do you ride?

(Use your best estimate)

Number of Miles:

**BIKECOMM2** When you use a bicycle as part of your commute trip, do you use a personal bike or a Bike Share program such as Lime?

(Select all that apply)

- 01 Personal bike
- 02 Bike Share

PRE SKIP: IF BIKECOMM2 <> 2 SKIP TO NEXT QUESTION

**BIKECOMM2A** If the bike share were not available, how would you have made that portion of your commute trip?

- 01 Walk
- 02 Ride your own bike
- 03 Take a bus
- 04 Gotten a ride from someone a friend of family member
- 05 Use a rideshare service such as Uber, Lyft, or a Taxi
- 05 Driven myself in a personal vehicle
- 06 Drive myself using a carshare vehicle such as Car2Go or Zipcar
- 888 Some other way (please describe)
- 997 I would not have made the trip

BIKECOMM3 When you use a bike as part of your commute trip, do you typically park the bike...

(Select all that apply)

- 01 At a transit center, park and ride or train station
- 02 At the ferry terminal
- 03 At a bike rack on the UW campus
- 04 In a bicycle locker on the UW campus
- 05 In a dedicated storage room on the UW campus
- 06 In a fenced, locked bicycle enclosure (e.g., in the UW tower garage)
- 07 In your office
- 08 In a parking garage/bike rack in parking garage
- 888 Someplace else (*Please tell us*)

PRE SKIP: IF BIKECOMM3 <> 1 SKIP TO NEXT QUESTION

**BIKECOMM3A** At which transit center, park and ride or train station do you park your bike?

#### [OPEN END]

PRE SKIP: IF BIKECOMM3 <> 2 SKIP TO NEXT QUESTION

# **BIKECOMM3B** At which ferry terminal do you park your bike?

# [OPEN END]

PRE SKIP: IF BIKECOMM3 <> 3 AND BIKECOMM3 <> 4 AND BIKECOMM3 <> 5 AND BIKECOMM3 <> 6 SKIP TO NEXT QUESITON

# **BIKECOMM3C** How satisfied are you with each of the following aspects of bicycle parking on campus?

RANDOMIZE BIKECOMM3C\_B THRU BIKECOMM3C\_E

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied
<u>A</u> Overall satisfaction with bicycle parking on campus	О	О	О	O
<b><u>B</u></b> Availability of bicycle parking on campus	О	О	О	C
<u><b>C</b></u> Security of bicycle parking on campus	0	О	О	О
<b>D</b> Quality of bicycle parking facilities on campus	0	О	О	С
<u>E</u> Proximity of bicycle parking facilities to your final destination	О	О	О	O

#### PRE SKIP: IF GT5 <> 3 (NOT HAVE A BIKE) AND COMM1 <> 17 SKIP TO NEXT QUESTION

BIKECOMM4 Which of the following would encourage you to bike to campus more often?

- 1. Additional secure bicycle parking locations (e.g. lockers, enclosures, rooms)
- 2. Additional covered bicycle parking
- 3. More bicycle racks
- 4. Showers and clothes lockers at your destination
- 5. More signs and shared lane pavement markings
- 6. More bicycle lanes, separated cycle tracks, and off-street paths
- 7. More neighborhood greenway routes on residential streets
- 8. Guaranteed ride home in the event of an emergency
- 9. I already bike commute every day [MUTUALLY EXCLUSIVE]
- 10. None of these would encourage me to bike commute more often [MUTUALLY EXCLUSIVE]

PRE SKIP: IF BIKECOMM4 > 8 SKIP TO NEXT QUESTION **ONLY DISPLAY OPTIONS SELECTED IN BIKECOMM4** 

**BIKECOMM4A** Of those you selected, which one would be most effective in encouraging you to bike to campus more often?

PRE SKIP: IF BIKECOMM4 > 8 SKIP TO NEXT QUESTION ONLY DISPLAY OPTIONS NOT SELECTED IN BIKECOMM4

BIKECOMM4B Of those items you did not select, which one has the least impact on increasing the frequency that you bike to campus?

PRE SKIP: IF BIKECOMM2 == 2 SKIP TO NEXT QUESTION

BIKESHARE1 In the past month, have you used any bike share services such as Lime or JUMP?

- 01 No
- 02 Yes

PRE SKIP: IF BIKESHARE1 == 1 SKIP TO NEXT QUESTION

**BIKESHARE1A** Have you taken advantage of the discount provided to UW employees and students through UW Transportation Services partnership with Lime and JUMP? 01 No Yes

02

[% SETVALUE(BIKESHARE = 2) %] basically, everyone who gets this has used bikeshare.

PRE SKIP: IF BIKESHARE1 == 1 SKIP TO NEXT QUESTION

BIKESHARE2 How many times do you use bike share services in a typical week?

[NUMERIC – RANGE: 0-99]

- 998 [PHONE NOTATION: (DO NOT READ)] Don't know
- 999 [PHONE NOTATION: (DO NOT READ)] Prefer not to answer

# **BIKESHARE3** For what reasons do you typically use Bike Share? (Select all that apply)

- 01 Travel around campus
- 02 Travel between home and campus
- 03 Travel between campus and nearby businesses
- 04 Travel to or from a bus stop or Link Light Rail Station
- 05 Travel that does not involve campus or public transportation
- 888 [PHONE NOTATION: (DO NOT READ)] Other (please describe)
  - 998 [PHONE NOTATION: (DO NOT READ)] Don't know
  - 999 [PHONE NOTATION: (DO NOT READ)] Prefer not to answer

# PARKING /CARPOOLING/VANPOOLING [SKIP IF THEY ALWAYS USE A TAXI OR RIDE SHARE SERVICE AS INDICATED IN Q10A SERIES]

PRE SKIP: IF COMM3 <> 1 AND COMM3 <> 2 AND COMM3 <> 4 AND COMM3 <> 5 AND COMM3 <> 6 SKIP TO NEXT QUESTION

# PARK1 When you [drive / carpool / vanpool] to campus, where do you typically park?

- 01 A University lot or garage
- 02 Paid on-street parking
- 03 Free on-street parking
- 04 In a private or city lot or garage
- 888 Somewhere else (please describe)
- 996 Didn't park / got dropped off

PRE SKIP: IF COMM3 <> 1 AND COMM3 <> 2 AND COMM3 <> 4 AND COMM3 <> 5 AND COMM3 <> 6 SKIP TO NEXT QUESTION

**PARK2** How long does it **typically** take you to walk from where you left your vehicle to your final destination?

#### Number of minutes walked: \_\_\_\_\_

PRE SKIP: IF PARK1 <> 1 SKIP TO NEXT QUESTION PRE SKIP: IF COMM3 == 5 (IF THEY VANPOOL ONTO CAMPUS SKIP)

- PARK3 Which of the following parking products do you use when parking on campus?
  - 01 SOV permit
  - 02 Individual Commuter Tickets or ICTs
  - 03 Carpool permit
  - 04 Night parking permit
  - 05 Pay-per-use Parking or P.P.U.P. [PHONE NOTATION: (PRONOUNCED "PUP")]
  - 06 Swing shift permit
  - 07 Motorcycle permit
  - 08 Gatehouse-issued daily parking permit
  - 09 Gatehouse-issued carpool parking permit
  - 10 Machine-issued hourly parking permit
  - 11 Other (*Please tell us*)

# PRE SKIP: IF PARK4 <> 1 AND PARK4 <> 2 AND PARK4 <>3 AND PARK4 <> 4

SKIP TO NEXT QUESTION PARK4 When you carpool are you typically...

(Select the one that applies most often)

- 01 The driver
- 02 The passenger
- 03 Share driving responsibility equally
- 04 It varies
- 05 Each time I carpooled in the past week as part of my commute I used a ride sharing service **(AS NEEDED:** such as Uber, Lyft, or a Taxi**)**

PRE SKIP: IF PARK4 <> 1 AND PARK4 <> 2 AND PARK4 <>3 AND PARK4 <> 4 SKIP TO NEXT QUESTION

- **PARK4A** Were you or some other members of your carpool dropped off at somewhere other than a UW owned or leased building on the main campus or in the U-District? (Select all that apply)
  - 01 I was dropped off somewhere else
  - 02 Other members of the carpool were dropped off
  - 888 Something other arrangement else (please describe) [FORCE SPECIFY]
  - 03 No one dropped off [MUTUALLY EXCLUSIVE]

PRE SKIP: IF PARK4 <> 1 AND PARK4 <> 2 AND PARK4 <>3 AND PARK4 <> 4 SKIP TO NEXT QUESTION

PARK4B To what extent was free carpool parking fees a factor in your decision to carpool? [PHONE TEXT] Was it... (READ LIST)

- 01 Not a consideration at all
- 02 Somewhat of a consideration
- 03 Major consideration

998 [PHONE NOTATION: (DO NOT READ)] Don't know

999 [PHONE NOTATION: (DO NOT READ)] Prefer not to answer

PRE SKIP: IF PARK4 <> 1 AND PARK4 <> 2 AND PARK4 <>3 AND PARK4 <>4 SKIP TO NEXT QUESTION

**PARK4C** How satisfied are you with each of the following aspects of carpool parking on campus?

RANDOMIZE PARK4B, PARK4C, PARK4D, PARK4E

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied
<b><u>A</u></b> Overall satisfaction with carpool parking on campus	О	0	0	О
<b><u>B</u></b> Availability of carpool parking on campus	О	0	0	О
<b><u>C</u></b> Security of carpool parking on campus	О	О	О	О
<b>D</b> Attractiveness of carpool parking facilities on campus	О	О	0	О
<u>E</u> Proximity of carpool parking facilities to your final destination	О	0	О	C

PRE SKIP: IF COMM1 <> 5 SKIP TO NEXT QUESTION (IF DID NOT VANPOOL AS LAST LEG, SKIP)

# **PARK5** How satisfied are you with each of the following aspects of vanpool parking on campus?

# RANDOMIZE PARK5B, PARK5C, PARK5D, PARK5E

	Very Dissatisfied	Somewhat Dissatisfied	Somewhat Satisfied	Very Satisfied
<u>A</u> Overall satisfaction with vanpool parking on campus	0	0	0	О
<b><u>B</u></b> Availability of vanpool parking on campus	0	0	0	О
<b><u>C</u></b> Security of vanpool parking on campus	О	0	0	О
<b>D</b> Attractiveness of vanpool parking facilities on campus	О	0	0	О
<u>E</u> Proximity of vanpool parking facilities to your final destination	О	0	О	O

# UPASS USERS

PRE SKIP: IF BARGAIN <> 1 SKIP TO NEXT QUESTION

**UPASS2A** Our records indicate that you receive your U-PASS at no cost to you through your employment benefits package. Did you have a U-PASS before receiving the benefited pass?

- 01 No
- 02 Yes

PRE SKIP: IF UPASS2A <> 2 SKIP TO NEXT QUESTION

# UPASS2B

Has having this benefited U-PASS affected your transit usage?

01 No

02 Yes

PRE SKIP: IF BARGAIN =1 SKIP TO NEXT QUESTION

**UPASS1** Do you have a U-PASS that is valid for Fall Quarter 2019?

- 01 No
- 02 Yes

AUTO POPULATION SCRIPTING ON THIS PAGE: POPULATING COMMUTE DAYS AS TELECOMUTE WHERE NEEDED

IF (GETVALUE("CTR4\_R1\_CX") == 1) SETVALUE("COMM1\_23.X",1))

IF TELECOMMUTE ON ANY GIVEN DAY IN CTR4 AUTOPOPULATE THE COMMUTE MODE AS TELECOMMUTE IN THE DIARY.

PRE SKIP: IF UPASS1 <> 2 SKIP TO NEXT QUESITON

#### UPASS1A How long have you had a U-PASS?

- 01 First quarter I have had one [PHONE NOTATION (INTERVIEWER: CHOOSE IF ISSUED AFTER SEPT 1, 2019)]
- 02 Less than one year
  - 03 1 to 2 years
  - 04 3 to 5 years
  - 05 More than 5 years
  - 888 Other (please tell us)

PRE SKIP: IF UPASS1 <> 2 SKIP TO NEXT QUESTION PRE SKIP: IF TYPE <> 2 AND TYPE <> 3 SKIP TO NEXT QUESTION PRE SKIP: IF BARGAIN = 1 SKIP TO NEXT QUESTION

#### UPASS2 Did you...

- 01 Purchase your U-PASS
- 02 Receive a U-PASS with an SOV [PHONE NOTATION: (Single Occupancy Vehicle)] parking permit
- 03 Receive a U-PASS with a carpool parking permit
- 04 Receive a U-PASS with a motorcycle parking permit
- 05 Receive a U-PASS as part of your vanpool membership888 Something else (*Please tell us*)

#### UPASS3 Did you...

- 01 Receive a U-PASS with your tuition and fees
- 02 Purchase a U-PASS from UW Professional and Continuing Education
- 03 Purchase a U-PASS from UW Transportation Services
- 04 Purchased as a staff / employee
- 888 Something else (please tell us)

PRE SKIP: IF UPASS1 <> 2 SKIP TO NEXT QUESTION

UPASS4 How often have you used your U-PASS to do each of the following... [RANDOMIZE LIST]

		Never	Rarely	Sometime	Frequentl
				S	у
UPASS4_ A	Ride the Link Light Rail	0	0	0	0
UPASS4_ B	Ride the Night Ride shuttle	O	О	0	0
UPASS4_ C	[DISPLAY FOR TYPE EQ 02,03 ONLY] Get an emergency ride home	o	О	О	О
UPASS4_ D	Get discounted parking for carpools	O	О	0	0
UPASS4_ E	Cover up to \$80 per month of your vanpool fare	О	О	0	0
UPASS4_F	Ride transit as part of your commute	О	0	0	0
UPASS4_ G	Ride transit for other / non- commute purposes	О	О	0	О

#### ASK UPASS5 OF ALL RESPONDENTS

UPASS5 Have you used the Commute Options service to receive personalized commute assistance to campus?

- 01 No
- 02 Yes

PRESKIP: IF UPASS5A <> 2 SKIP TO NEXT QUESTION

UPASS5A Did the Commute Options service affect how you commute to campus?

- 01 No
- 02 Yes

#### ASK UPASS6 OF ALL RESPONDENTS

UPASS6	How much do you agree or disagree with the following statements about the U-PASS
	program

0	0	0	0	0	0

	Strongly Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Strongly Agree
[SHOW IF TYPE=1] UPASS6_A The U-PASS makes it easier to attend classes at the UW	0	0	О	0	О
[SHOW IF TYPE=2   3] UPASS6_B The U-PASS is a benefit of working at the University of Washington?	0	0	О	0	О
[SHOW IF TYPE=2   3] UPASS6_C The U-PASS is worth the cost	0	0	0	0	О
[SHOW TO ALL] UPASS6_D The benefits received from the U-PASS are important to me	0	0	0	0	О

#### **NON-UPASS USERS**

#### PRE SKIP: IF UPASS1 <> 1 SKIP TO TRANSIT1

#### NOPASS1 Have you ever had or considered having a U-PASS?

- 01 No, have never had nor considered having a U-PASS
- 02 Yes, have considered getting a U-PASS
- 03 Yes, had a U-PASS in the past

#### NOPASS2 How likely are you to get a U-PASS in the future?

Not at All	Not Very	Not Sure	Somewhat	Very
Likely	Likely	Either Way	Likely	Likely
Ο	Ο	0	Ο	Ο

#### NOPASS3 What would encourage you to get a U-PASS?

#### [PHONE NOTATION] (PROBE TWICE OR UNTIL UNPRODUCTIVE AND CLARIFY AS NEEDED. WE'RE LOOKING FOR <u>AT LEAST</u> TWO RESPONSES)

**Open-ended question – codes below are for post coding reference only** 

1	Cheaper/lower price			
2	If it was free			
3	Cheaper/discounted rates for less frequent/occasional/sporadic use			
4	Lower Senior rate			
5	Cheaper/free for staff/employees/part-time employees			
6	Discounted/free parking			
7	Lower price/discount for bicyclists			
8	Ability to pay per use/pay as you go			
9	Easier/more convenient (unspecified)			
10	Reliable/on time service			
11	Faster commute/less travel time			
12	Better connections (unspecified)			
13	Direct routes/no transfers			
14	More frequent buses/bus service			
15	If I worked different hours/if bus schedule fit my schedule/work schedule			
16	Earlier/early morning service			
17	Later evening/night service			
18	Less crowded buses/evening buses			
19	If buses were more comfortable			
20	Safety/security			
21	More options (unspecified)			
22	Better bus service (unspecified)			
24	If service was closer to my home			
25	Distance/if I lived further away/out of walking/biking distance			
26	If I couldn't walk/ride my bike			
27	If I needed to use the bus more often			
28	If I couldn't drive/carpool/didn't have a vehicle/car broke down			
29	Better service to/from West Seattle			
30	When light rail terminal is finished/light rail to/from Capitol Hill is complete			
31	Other specified parking mentions			
32	Need to know more about it			
33.	Need my car for emergencies/family reasons			
94.	Other Cost mentions			
888	Other			
997	Nothing/don't need it			
	998 DON'T KNOW			
	999 PREFER NOT TO ANSWER			

# TRANSIT SYSTEM USE

#### ASK TRANSIT 1 OF ALL

TRANSIT1 Thinking about all of your travel over the past 7 days, how many one-way trips did you take on each of the following transit systems for any purpose?

[PHONE NOTATION] (AS NEEDED) A round trip counts as 2 trips.

[PHONE NOTATION] (IF NECESSARY) If your trip included transfers between buses on the same system, count it as 1 trip on that system. If your trip included transfers from one transit system to another, count 1 trip for each transit system used. For example, if you transferred from a King County Metro bus to another King County Metro bus, that would count as one trip on King County Metro – but if you transferred from a King County Metro a King County Metro bus to a Sound Transit bus, that would count as one trip on each system, one trip for King County Metro and one trip for Sound Transit.

#### [PHONE NOTATION] (READ LIST AND RECORD NUMBER OF TRIPS FOR EACH)

PHONE DISPLAY THE Q40B THROUGH Q40D TO POPULATE THE TABLE

- TRANSIT2A How many of the trips you took last week on each of the following public transportation systems were to or from the UW campus or U-District?
- [PHONE NOTATION] (READ LIST AND RECORD NUMBER OF TRIPS FOR EACH. PREVIOUS TRIPS/TOTALS SHOWN FOR REFERENCE ONLY.)
- TRANSIT3B How many of the trips you took last week on each of the following public transportation systems were between two points in the U-District?

[PHONE NOTATION: (AS NEEDED)] The U-District is defined as east of I-5, north of Portage Bay and the Montlake cut, South of Ravenna Boulevard and West of Mary Gates Drive.

[PHONE NOTATION] (READ LIST AND RECORD NUMBER OF TRIPS FOR EACH. PREVIOUS TRIPS/TOTALS SHOWN FOR REFERENCE ONLY.)

#### [ONLY ALLOW OPTIONS WITH DATA AT Q40A TO BE ANSWEWRED AT Q40B, Q40C]

	TRANSIT1	TRANSIT2B	TRANSIT2A	
	Total # of One-Way Trips	# of One-Way Trips entirely within the U-District	# of One-Way Trips to / from UW Campus	
King County Metro				
Sound Transit Express Buses				
Community Transit				
Link Light Rail		n/a		
Seattle Streetcar		n/a	n/a	
Everett Transit		n/a	n/a	
Pierce Transit		n/a	n/a	
Kitsap Transit		n/a	n/a	
Sounder Commuter Rail		n/a	n/a	
Kitsap Fast Ferry		n/a	n/a	
King County Water Taxi		n/a	n/a	
Washington State Ferries		n/a	n/a	

CREATE A NEW VARIABLE TRANSIT\_SUM: THIS IS THE SUM OF ALL ONE-WAY TRIPS TAKEN ON ALL SYSTEMS IN TRANSIT1

CREATE A NEW VARIABLE LINK\_SOUNDER: THIS IS THE SUM OF Q40A FOR LINK LIGHT RAIL AND SOUNDER COMMUTER RAIL IN TRANSIT1.

PRE SKIP: IF LINK\_SOUNDER < 1 SKIP TO NEXT QUESITON

TRANSIT3 You indicated you took [RESTORE VALUE FROM LINK\_SOUNDER] one-way trips on Link Light Rail or Sounder Commuter Rail in the past 7 days. Did you tap your U-PASS on the ORCA reader every time you got on **and** off the Link Light Rail or Sounder Commuter Rail?

- 01 No
- 02 Yes, every time

PRE SKIP: IF TRANSIT\_SUM < 1 SKIP TO NEXT QUESITON

TRANSIT4 What is the primary purpose for the trips that you take on public transportation?

- 01 Commuting to or from the UW
- 02 Commuting or traveling for work to locations off campus
- 03 Non-commute trips such as shopping, recreation, or visitingpeople
- 998 [PHONE NOTATION: (DO NOT READ)] Don't know
- 999 [PHONE NOTATION: (DO NOT READ)] Prefer not to answer

PRE SKIP: IF UPASS1 = 2 SKIP TO NEXT QUESTION

PRE SKIP: IF TRANSIT1\_KCMETRO < 1 SKIP TO NEXT QUESTION

TRANSIT5 When you rode Metro, how did you pay your fare?

01

ORCA Card

- 02 Cash
- 03 Tickets
- 04 U-PASS
- 05 Senior pass
- 06 Free ticket
- 888 Other (Please tell us)

IF SKIPPED DUE TO UPASS1 = 1 AND KCMETRO > 0 THEN AUTOCODE TRANSIT5 = 4

PRE SKIP: IF TRANSIT 5 <> 1 SKIP TO NEXT QUESTION

TRANSIT5A Which of the following products do you have on your ORCA Card?

- (Select all that apply)
- 01 Monthly pass that you purchased yourself
- 02 Monthly pass purchased by someone else (e.g., employer)
- 03 E-Purse
- 04 Day pass
- 888 Something else (Please tell us)

TRANSIT6 Overall, how satisfied are you with UW Transportation Services? [PHONE NOTATION] (READ LIST)

- 01 Very dissatisfied
- 02 Somewhat dissatisfied
- 03 Somewhat satisfied
- 04 Very satisfied

**AUTO POPULATION SCRIPTING ON THIS PAGE: POPULATING TRANSIT5 AS UPASS WHERE NEEDED** *if* ((GETVALUE("UPASS1")==2 && GETVALUE("TRANSIT1\_r1\_c1")>0)) SETVALUE("TRANSIT5\_4", 1);

#### ASK OF ALL

These final questions will help us group your answers with others. Please let us assure you that all of your responses will remain completely confidential.

AGE

What is your age? AGE: \_\_\_\_

PRE SKIP: IF AGE < 998 SKIP TO NEXT QUESITON

AGECAT Are you...

#### [PHONE NOTATION] (READ LIST)

- 01 Under the age of 18
- 02 Between 18 and 24
- 03 Between 25 and 34
- 04 Between 35 and 44
- 05 Between 45 and 54
- 06 Between 55 and 64
- 07 65 or older
- 998 [PHONE NOTATION: (DO NOT READ)] Don't know
- 999 [PHONE NOTATION: (DO NOT READ)] Prefer not to answer

#### GENDER Do you identify as...

- 01 Male
- 02 Female
- 03 Gender non-binary or non-conforming
- 04 Transgender
- 888 Other gender identity (Please tell us:\_\_\_\_\_)

#### AUTO POPULATION SCRIPTING ON THIS PAGE: POPULATING AGECAT FOR ALL RESPONDENTS

if ((GETVALUE("AGE")> 12 && GETVALUE("AGE") < 18)) SETVALUE("AGECAT", 1); elsif ((GETVALUE("AGE")> 17 && GETVALUE("AGE") < 25)) SETVALUE("AGECAT", 2); elsif ((GETVALUE("AGE")> 24 && GETVALUE("AGE") < 35)) SETVALUE("AGECAT", 3); elsif ((GETVALUE("AGE")> 34 && GETVALUE("AGE") < 45)) SETVALUE("AGECAT", 4); elsif ((GETVALUE("AGE")> 44 && GETVALUE("AGE") < 55)) SETVALUE("AGECAT", 5); elsif ((GETVALUE("AGE")> 54 && GETVALUE("AGE") < 55)) SETVALUE("AGECAT", 6); elsif (GETVALUE("AGE")> 54 && GETVALUE("AGE") < 65)) SETVALUE("AGECAT", 6); elsif (GETVALUE("AGE")> 64) SETVALUE("AGECAT", 7); LICENSE Do you have a valid driver's license?

- 01 No
- 02 Yes

SMARTPHONE Do you have access to a Smartphone or similar handheld internet-capable device that you use while on campus?

- 01 No
- 02 Yes

PRE SKIP: IF VERSION = 1 SKIP TO NEXT QUESTION

COFFEE Would you like to receive your free \$5 Starbucks gift card as a "thank you" for completing this survey?

01 No

02 Yes

PRE SKIP: IF COFFEE <> 2 SKIP TO NEXT QUESTION

COFFEE1 The gift card will be sent electronically, via email, at the end of the study. Please confirm that the email address below is the email address you would prefer we send the gift card.

#### [DISPLAY EMAIL ADDRESS FROM SAMPLE]

- 01 No, I would prefer that you send the gift card to a different email address than the one above
- 02 Yes, this is the email address to send the gift card to

#### PRE SKIP: IF COFFEE1 <> 1 SKIP TO NEXT QUESTION

- 01 No
- 02 Yes

Thank you for participating in this important study. The information you provided today will help the UW better serve your transportation needs.

[Blank page inserted for pagination purposes.]

# **Appendix IV: Outreach Materials**

# UW Email Notification - pre-notification of selection - Sent by UW

Subject line: How do you get to campus? We need your help to improve campus transportation

# Dear [Preferred\_Name]:

Every year, the University of Washington conducts an important study to gather information regarding how students, faculty and staff commute to campus. The information gathered in this study is used to help improve transportation to, from, and around the U-District. Additionally, it provides the data needed to assist the University in complying with State and City regulatory requirements associated with reducing congestion and managing traffic throughout campus.

You have been randomly selected to participate in this study. The survey results will be used to shape future transportation programs for the University of Washington Seattle campus.

Starting November 19, you will be contacted by ComEngage (COMENGAGE) with instructions for participants and a link to the online questionnaire. COMENGAGE is working with the UW to complete this survey. All survey responses will remain confidential, although anonymous, summarized data will be available to the public sometime next year.

To show our appreciation, participants who complete the survey online will receive a \$5 coffee card. If we do not receive a response online, COMENGAGE interviewers will follow-up with participants via telephone.

You can and will help the UW better understand the campus community's transportation needs. If you have questions, please contact UW Transportation Services at ucommute@uw.edu or (206) 897-1727 for assistance.

Thank you in advance for your participation.

#### **UW Transportation Services**



# Vendor Email Invitation – SENT BY COMENGAGE

Subject line: Your help is needed to improve campus transportation

#### Dear [Preferred\_Name]:

Recently, the UW sent you a notification that you have been randomly selected to participate in an important study to shape future transportation programs for campus. ComEngage (COMENGAGE) is working with the UW to complete this research. All survey responses will remain confidential, although anonymous, summarized data will be available to the public sometime next year.

To begin your participation in the study, please click on the link below.

#### [INSERT SURVEY LINK HERE with unique ID appended to end]

If the above link does not work, please copy the link and paste it into your browser, then press "enter" to begin taking the survey.

In addition to shaping future transportation programs for campus, upon completing the survey online, you will receive a \$5 coffee card (instructions on receiving your card will be e-mailed to you after the study is complete in December). If we do not receive a response online, COMENGAGE interviewers will be following up via telephone.

If you have questions, please contact UW Transportation Services at ucommute@uw.edu or (206) 897-1727.

If you have technical survey questions, contact Nathan Wiggin, Project Director at COMENGAGE, at nwiggin@nwresearchgroup.com or (206) 489-2363.

Thank you in advance for your participation in this important research.

#### **UW Transportation Services**



# 1st Reminder Email (ComEngage) – SENT BY COMENGAGE

Subject line: We want to hear from you – please help improve campus transportation

#### Dear [Preferred\_Name]:

You were selected to take part in the University of Washington's transportation study, but according to our records, have not yet taken the survey. The survey should only take about 10 minutes to complete; will you please take the survey at your earliest convenience? If you have already completed the survey, you may disregard this email.

This study is conducted every year to collect information on how students, faculty, and staff commute to campus. The information gathered in this study will be used to help improve transportation to and around the U-District. Additionally, it provides the data needed to assist the University in complying with State and City regulatory requirements associated with reducing congestion and managing traffic throughout campus.

You have been randomly selected to participate in this study. To show our appreciation, upon completing the survey online, you will receive a \$5 coffee card (instructions on receiving your card will be e-mailed to you after the study is complete in December). If we do not receive a response online, COMENGAGE interviewers will be following up via telephone.

Please help the UW transportation system by participating in this important study.

#### [INSERT SURVEY LINK HERE with unique ID appended to end]

If the above link does not work, please copy the link and paste it into your browser and then press enter to begin taking the survey.

If you have questions, please contact UW Transportation Services at ucommute@uw.edu or (206) 897-1727.

If you have technical survey questions, contact Nathan Wiggin, Project Director at COMENGAGE, at nwiggin@nwresearchgroup.com or (206) 489-2363.

Thank you in advance for your participation in this important research.

#### **UW Transportation Services**



# 2nd Reminder Email (ComEngage) – SENT BY COMENGAGE

Subject line: Your transportation feedback helps in more ways than one

#### Dear [Preferred\_Name]:

You were selected to take part in the University of Washington's transportation study but according to our records, have not yet taken the survey. The survey should only take about 10 minutes to complete; will you please take the survey at your earliest convenience? If you have already completed the survey you may disregard this email.

This study is conducted every year to collect information on how students, faculty, and staff commute to campus. The information gathered in this study will be used to help improve transportation to and around the U-District. Additionally, it provides the data needed to assist the University in complying with State and City regulatory requirements associated with reducing congestion and managing traffic throughout campus.

You have been randomly selected to participate in this study. To show our appreciation, upon completing the survey online, you will receive a \$5 coffee card. If we do not receive a response online, COMENGAGE interviewers will be following up via telephone.

Please help the UW transportation system by participating in this important study.

To begin your participation in the study, please click on the link below.

#### [INSERT SURVEY LINK HERE with unique ID appended to end]

If the above link does not work, please copy the link and paste it into your browser and then press enter to begin taking the survey.

If you have questions, please contact UW Transportation Services at ucommute@uw.edu or (206) 897-1727.

If you have technical survey questions, contact Nathan Wiggin, Project Director at COMENGAGE, at nwiggin@nwresearchgroup.com or (206) 489-2363.

Thank you in advance for your participation in this important research.

#### **UW Transportation Services**

