



CAMPUS ACCESS AND COMMUTE SERVICES

# TRANSPORTATION CENSUS 2022



# 2022 OHSU TRANSPORTATION CENSUS EMPLOYEE COMMUTE OPTIONS SURVEY KEY FINDINGS

The goal of the OHSU Transportation Census is to listen directly to daily commuters, OHSU's employees, to improve accessibility for all. Each annual census involves over a thousand people randomly selected to answer roughly 20 questions. The anonymous results inform numerous OHSU projects and programs



## ECO MODESPLIT

For what people did the week of survey, biking is far below historic trends. We don't have good data on this but we should note the survey occurred during the wettest spring on record and in previous surveys people have described weather as a major impact on their choice to bike.

For the same question, Drive Alone trips has crept up about 2%. Meanwhile, for what people describe as their primary mode, Drive Alone has grown from 31% to 56%.

Why the discrepancy between actual driving trips and what people identify as their primary mode? It appears that more people are driving overall but these people on average are driving less days per week.

So in 2020, our typical driver would be someone who drives five days a week. In 2022, our typical driver would be someone who drives 3 days a week and teleworks 2 days a week.

## LOCATION

A significant amount of people said they have recently moved and this has affected their commute positively or negatively depending on their location and preferred commute option.

People who drive alone were least likely to say they moved to a place where non-driving options were easier. People who are dropped off and carpool were the most likely to say they moved either way. Walk had the strongest positive swing, followed by carpool.

We have a detailed breakdown of what zipcodes people are traveling from and what commute options they are using in these locations. This can be helpful for targeted programs and communications and working with the city on improving transportation facilities. People are particularly concentrated in the Sellwood/Brooklyn area.

## COMMUTE OPTIONS OVER TIME

Putting primary mode, secondary mode, etc to the side, in total, 9 out of 10 people say they telework, 8 out of 10 drive, and more than half bike, walk and take transit. Only transit and carpool were used by a minority of respondents, both having taken a huge nosedive with the onset of the pandemic.

Most people have access and use most modes. This is something we should keep in mind in how we communicate and plan our programs. Most people aren't fundamentally drivers or bicyclists. They're people who sometimes drive, sometimes bike, etc. These are actions, not types of people.

## HOW PEOPLE RANK WHAT MATTERS TO THEIR COMMUTE

What is important varies greatly by people's primary mode, sometimes completely flipping. Speed is ranked high and cost ranked low for people who drive and this trend is reversed for people who take transit.

## MYCOMMUTE

The month of survey, 4400 people logged their commute in MyCommute, 3300 logged in the survey, and about 1000 logged in both locations. This is a data point we might explore deeper in learning how to increase engagement on MyCommute.

## COMMUTE COST

Overall, how people would incentivize modes is a somewhat balanced split. Predictably, when you break this out by what mode people use, they tend to prioritize the mode they are using (i.e. incentivize the modes I use).

## COMMENTS

We received thousands of comments and this year we're using a tool we hadn't used previously called TextIQ which allows us to mass tag comments for various subject matters and get a better sense of what people are talking about. As well as more easily find comments on topics we want to learn more about.

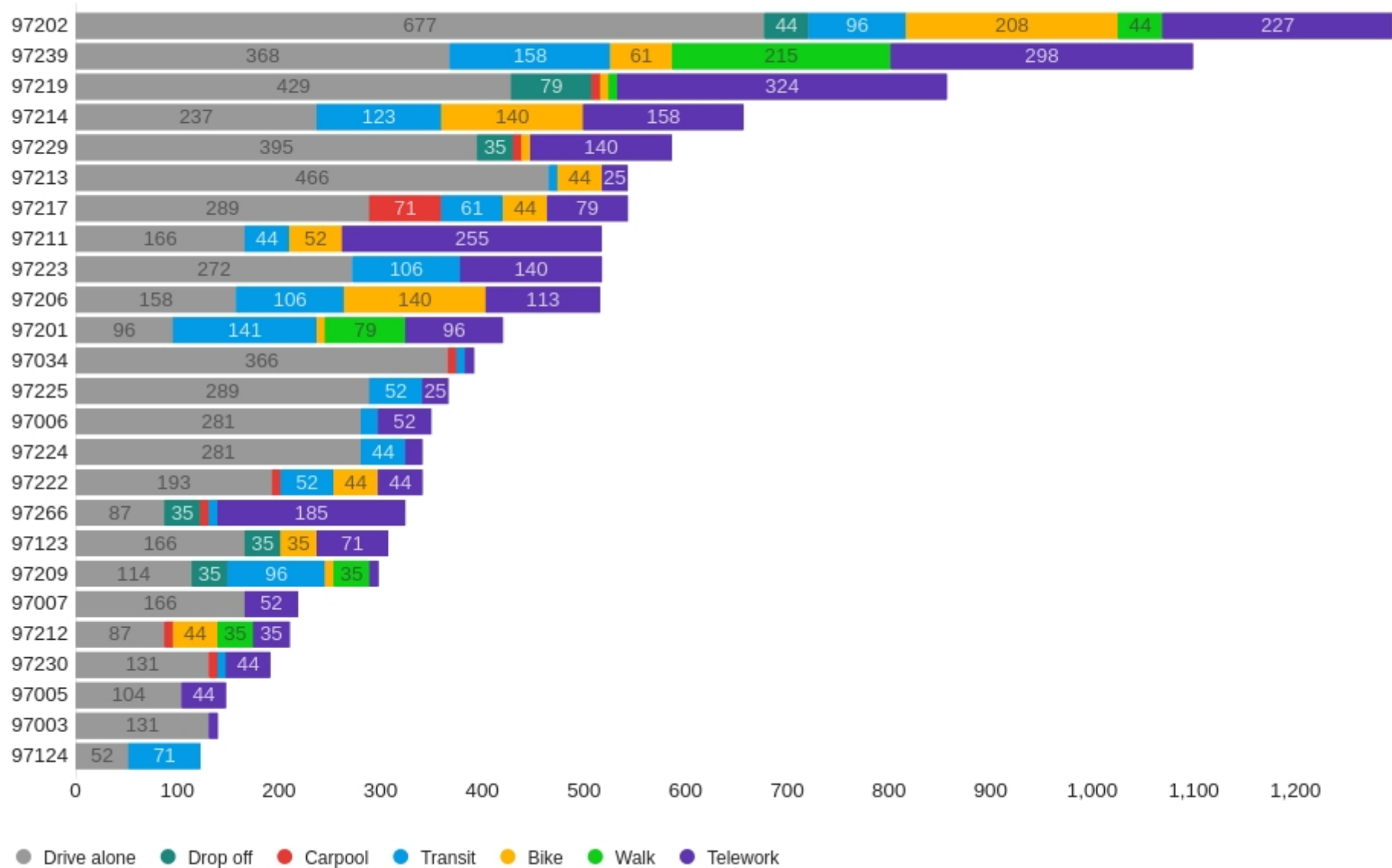
2022 CENSUS  
KEYFINDINGS

# GENERAL ANALYSIS

1,643 randomly selected respondents

## Primary modes to MH, SW by zipcode.

Estimated total employees. ECO Sample. Weighted estimated total.



## Q2.2 - ALL SITES

This question helps us understand how your commute has been affected by the pandemic.

### What travel modes did you regularly take previously and/or expect to regularly take in the future?

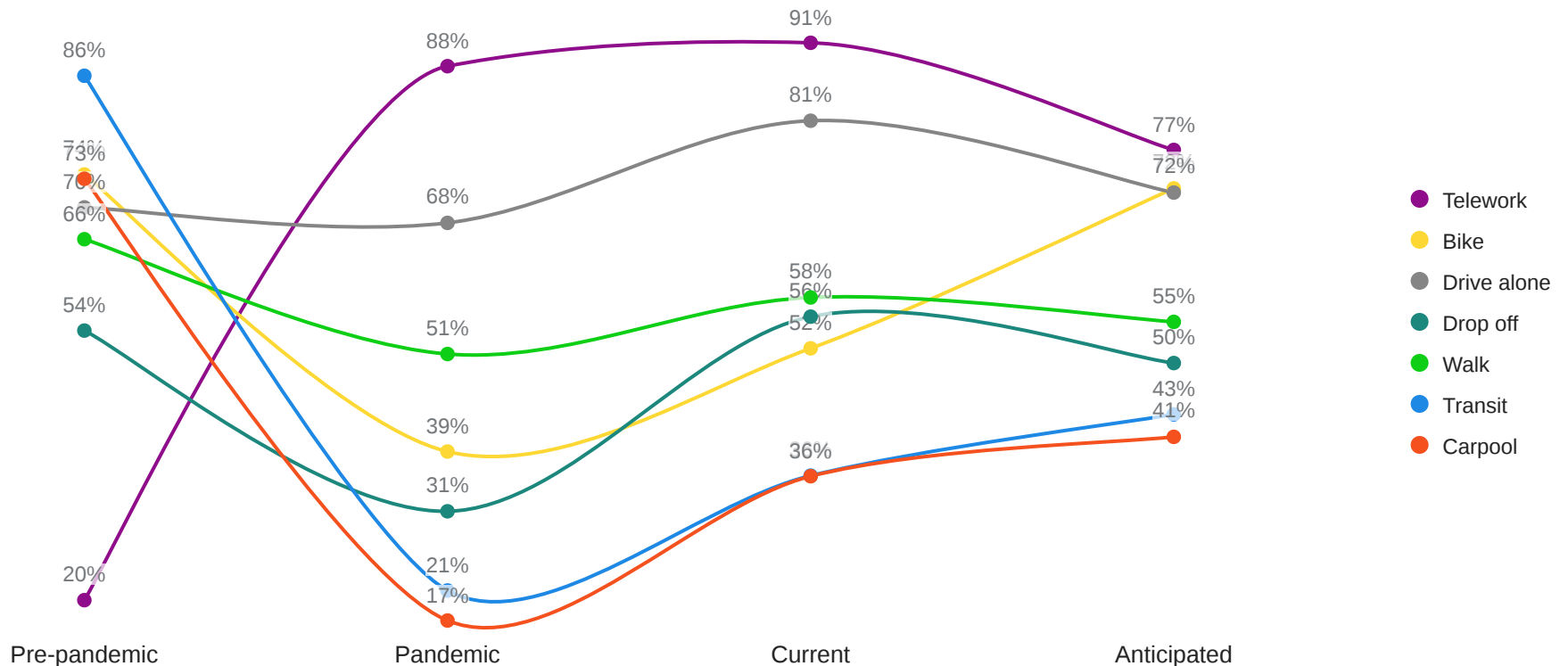
Select all that apply. If your choices change seasonally, choose your summer or best weather option.

Weighted ECO sample.

Note this question asks all modes a person takes so each mode will score much higher than it would were we looking at primary mode alone.

9 in 10 respondents use telework to some degree, 8 in 10 drive alone, while roughly half engage in biking, walking and being dropped off--higher than we see if only focusing on people's most common modes. About a third use transit and carpool as needed.

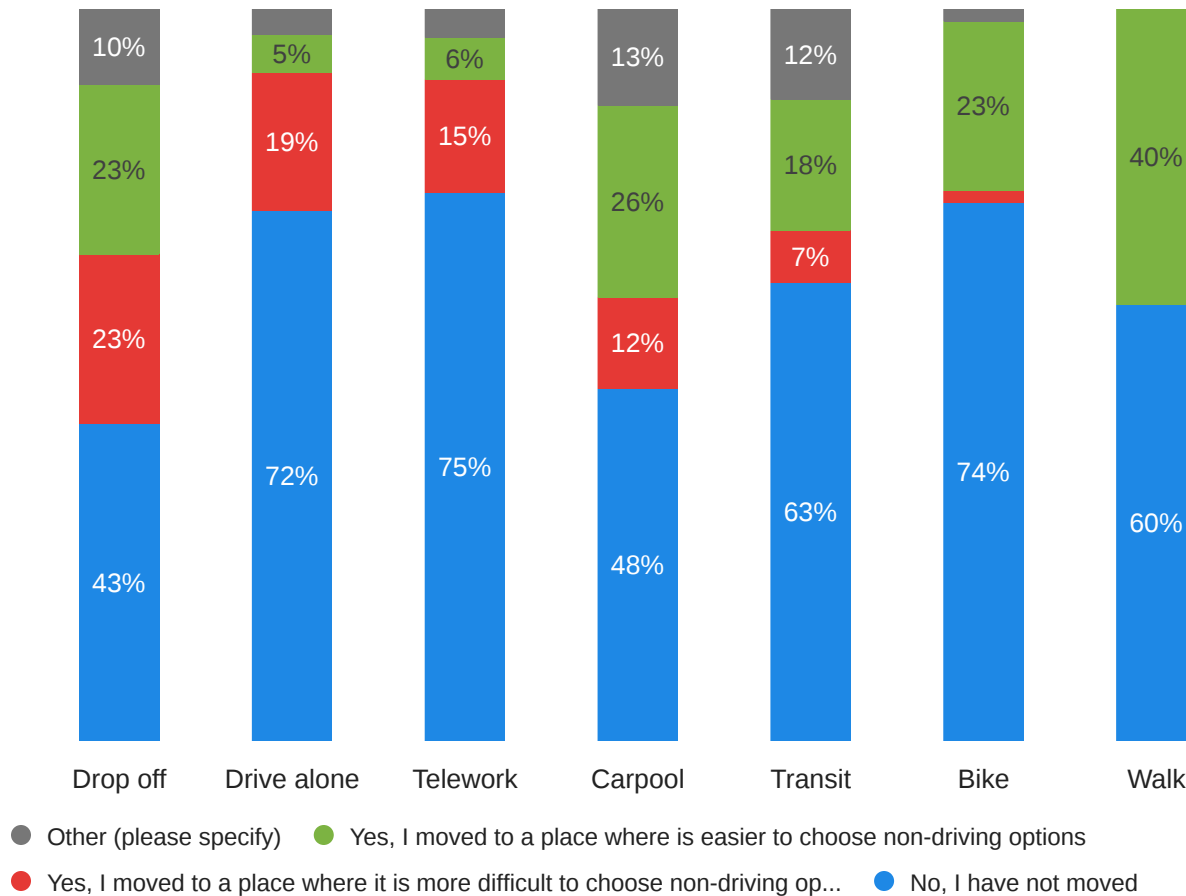
People anticipate that they will be teleworking and driving less in the future, bike has the highest anticipated climb to 7 out of 10 employees. Carpool and transit are expected to make modest gains while walking and drop off slightly decline.



## Q2.4 -

### Have you moved since 2020 and has it affected your commute?

Marquam Hill, South Waterfront ECO sample. Weighted.



People who drive alone were least likely to say they moved to a place where non-driving options were easier.

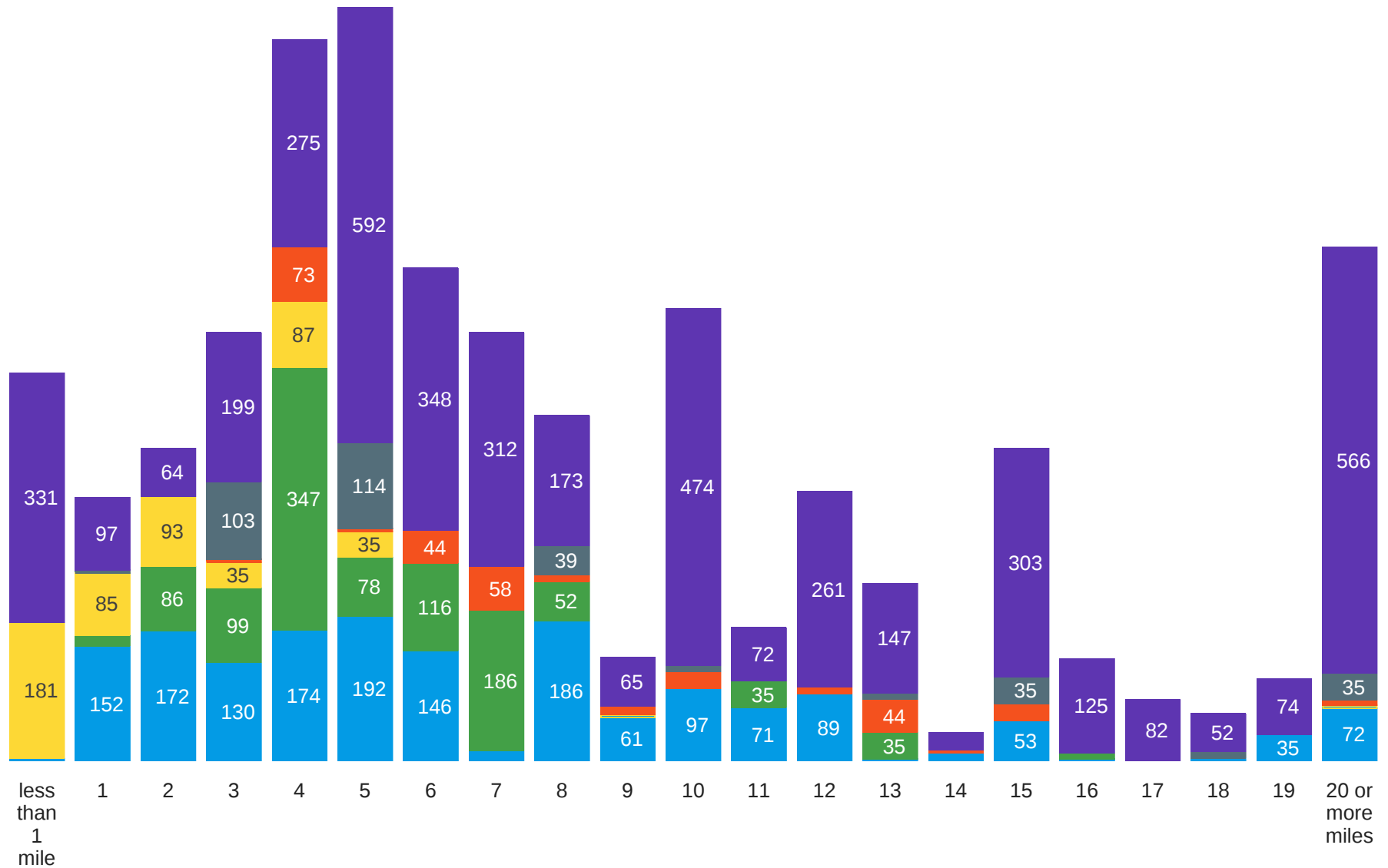
People who are dropped off and carpool were the most likely to say they moved either way.

Walk had the strongest positive swing, followed by carpool.

## Q2.5 - How many miles do you live from your worksite?

All sites. ECO sample. Weighted estimated total.

● Telework 
 ● Drop off 
 ● Carpool 
 ● Walk 
 ● Bike 
 ● Transit

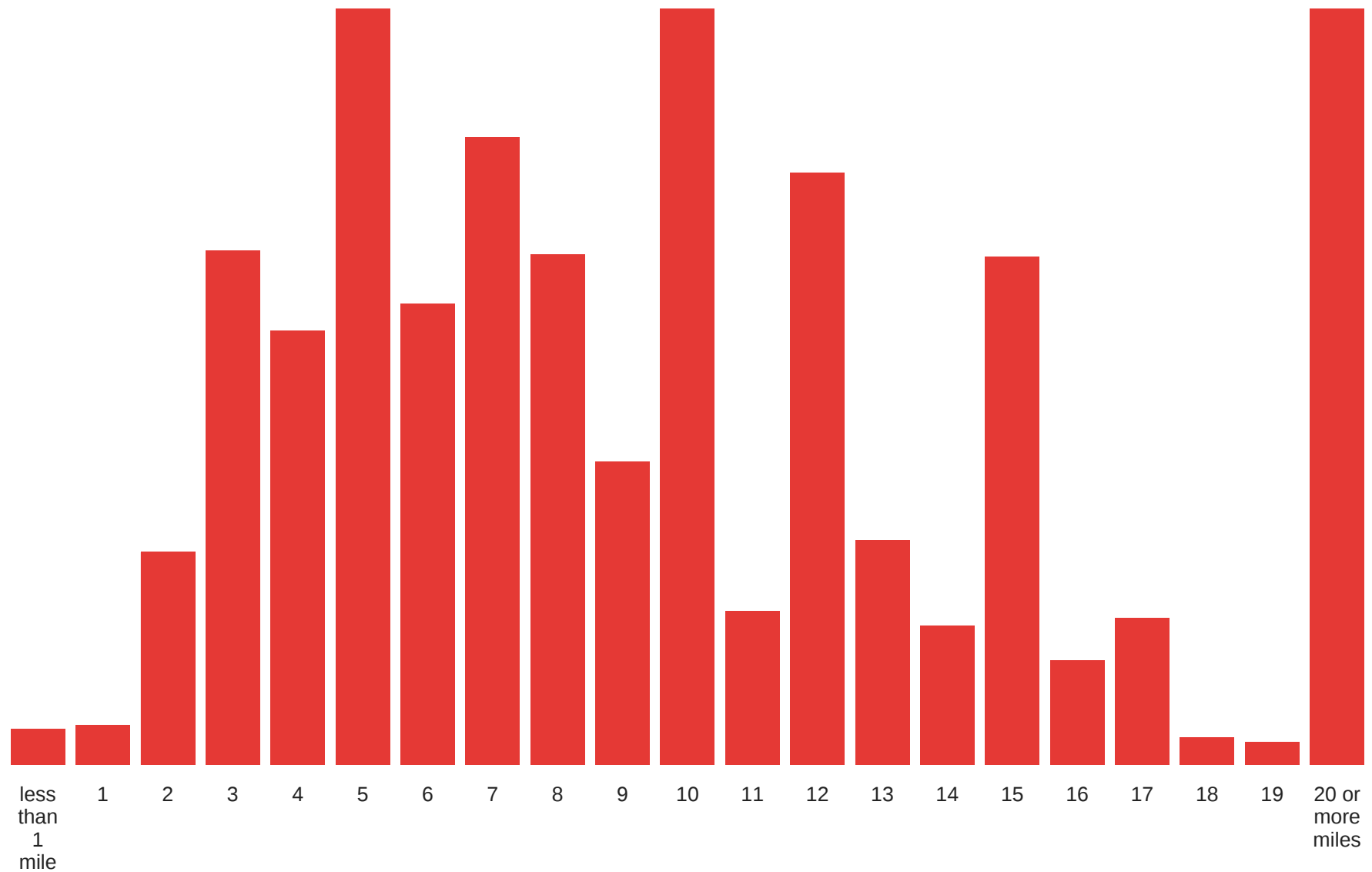




## Q2.5 - How many miles do you live from your worksite?

All sites. ECO sample. Weighted estimated total.

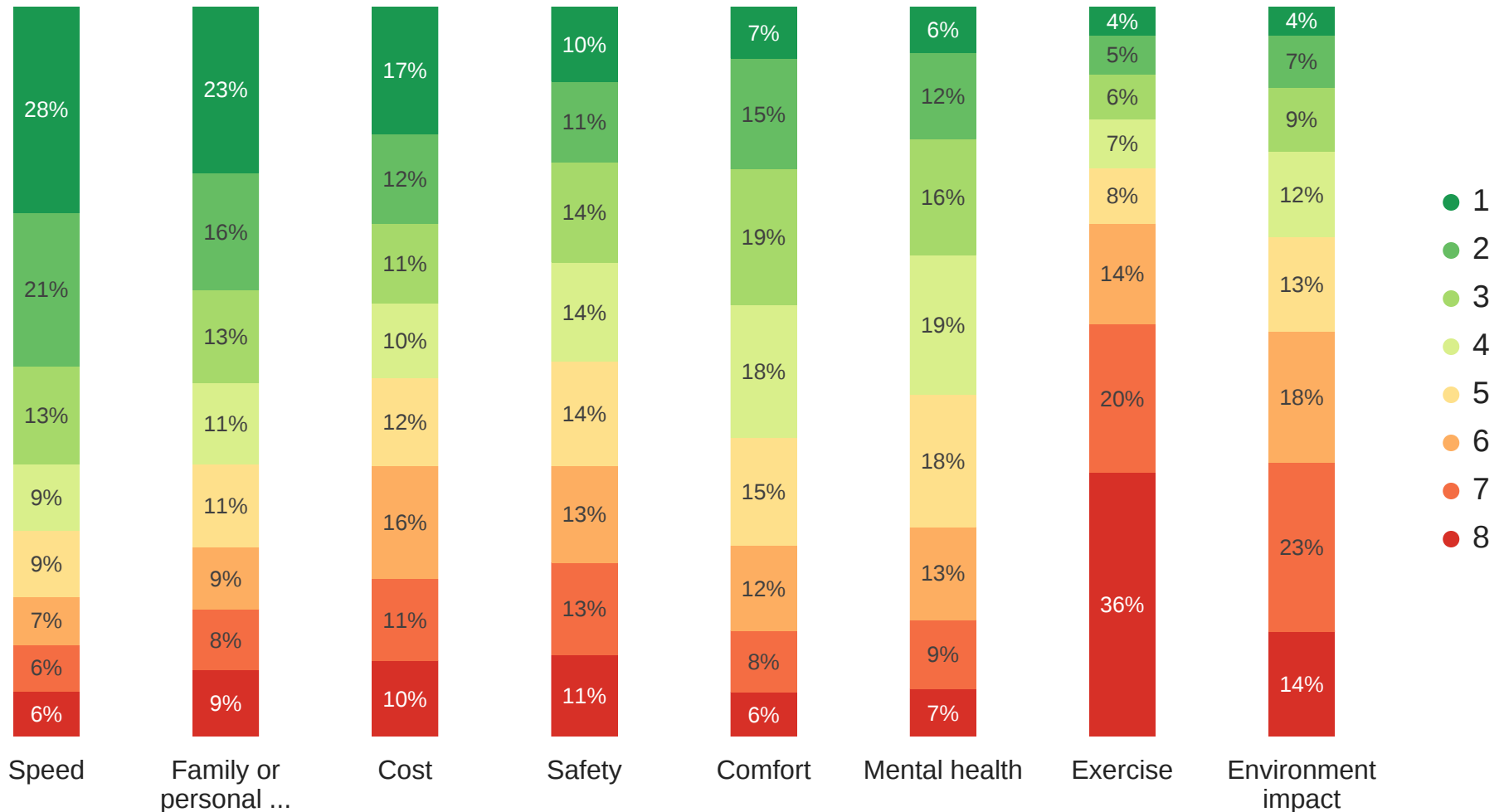
● Drive alone



## Q2.6 - Please rank how the following affect your current experience commuting or teleworking.

1 means this is the primary reason you are choosing your current commute.

8 means this is not a priority in your commute choice (this may still be important to you outside of your commute).



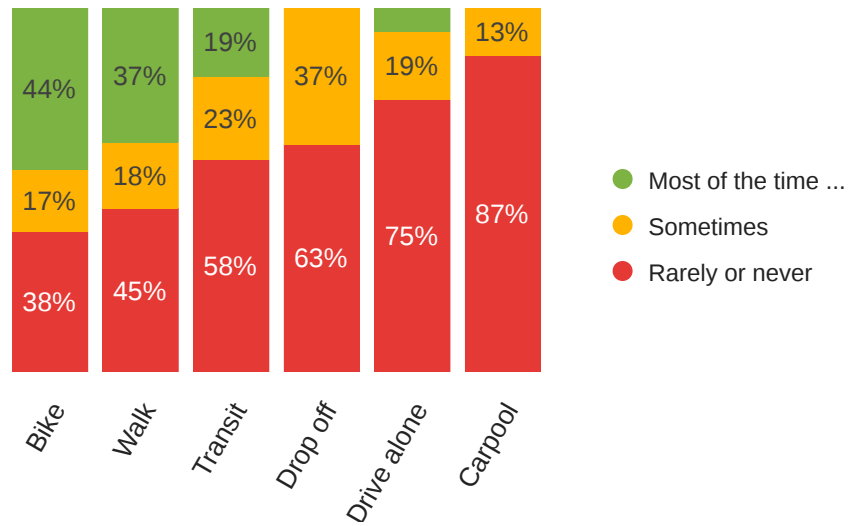
People choose their commute mode most commonly due to speed, family needs and cost. Exercise and environmental impact least affect their choices.

These results are similar to drive alone results for the same question.

### Q3.3 - When you travel to campus, how often do you ride the Tram as part of your commute?

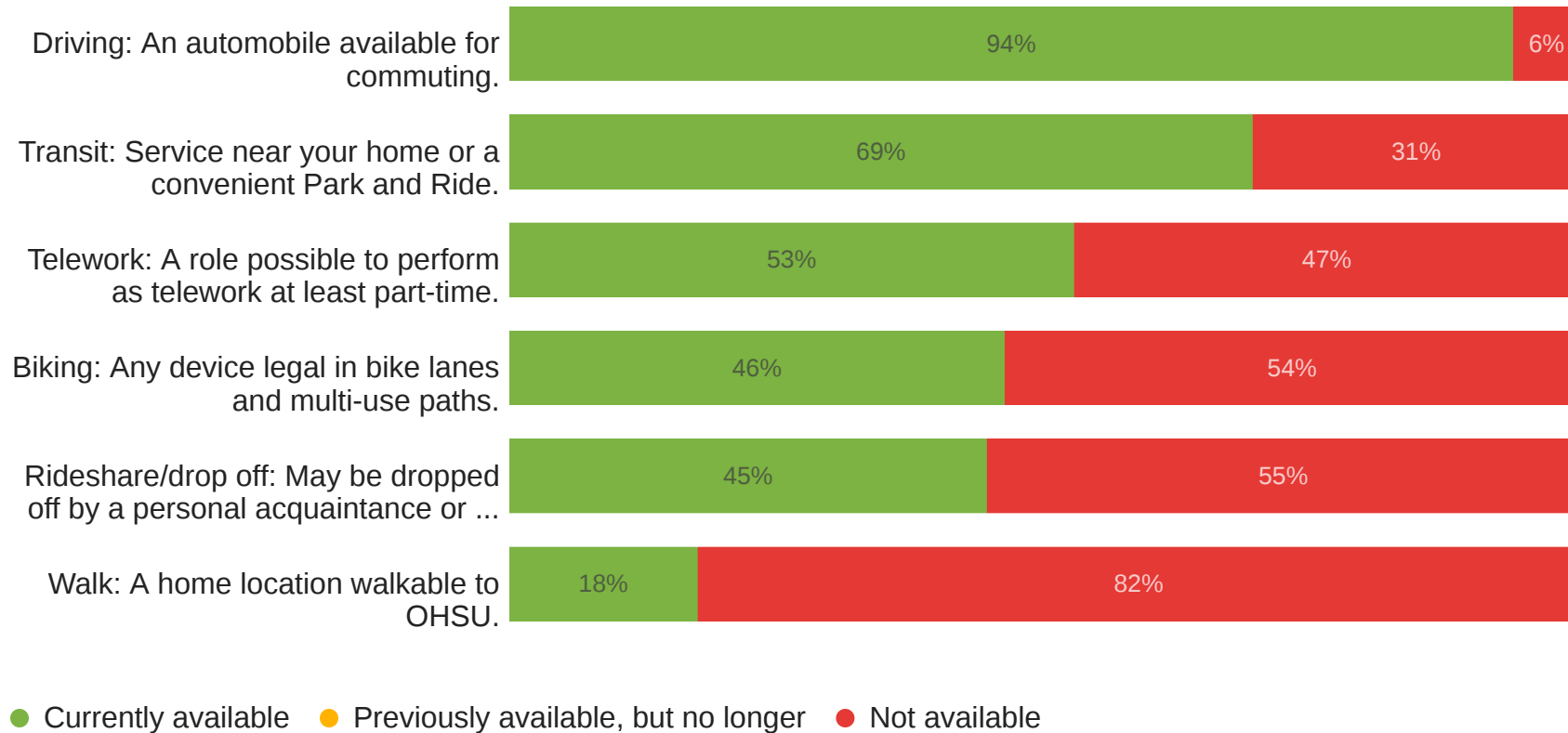
Asked of: People who travel to MH or SW. Weighted.

Among MH, SW ECO commuters, people who bike and walk are most likely to take the tram while those that drive and carpool are least likely.



### Q3.5 - Do you have access to any of the below?

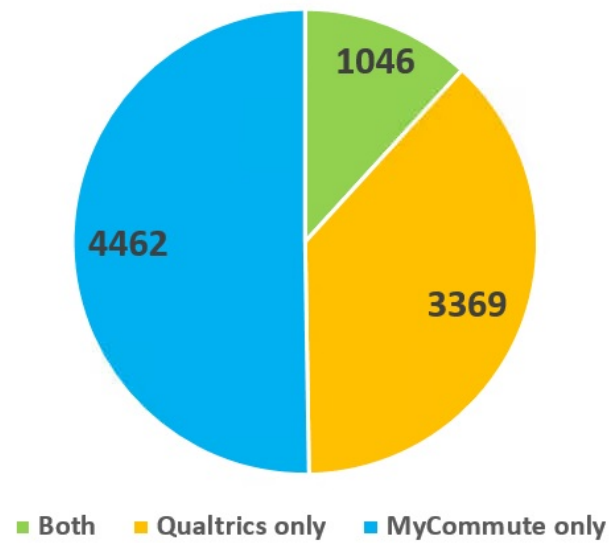
ECO sample. Weighted.



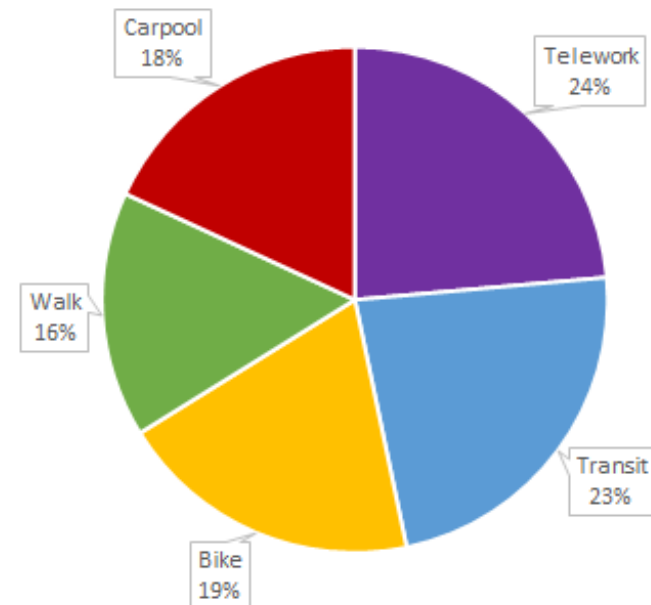
94% of commuters have access to driving.

This implies that the majority of people not driving are making an active choice not to. People are least likely to be able to walk to work.

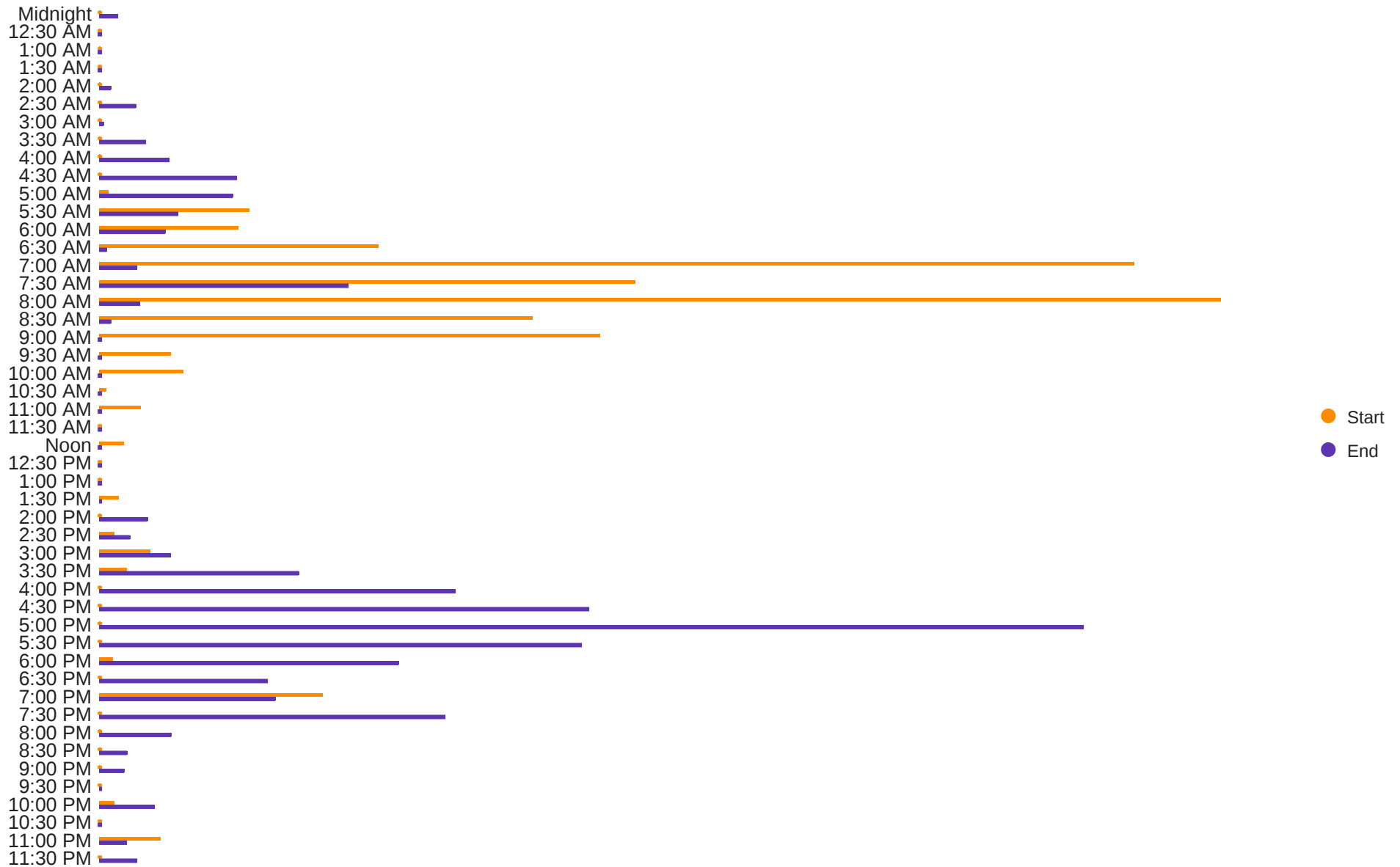
Where people recorded their commute  
Month of survey: May 2022



2022 commute cost analysis  
Marquam Hill

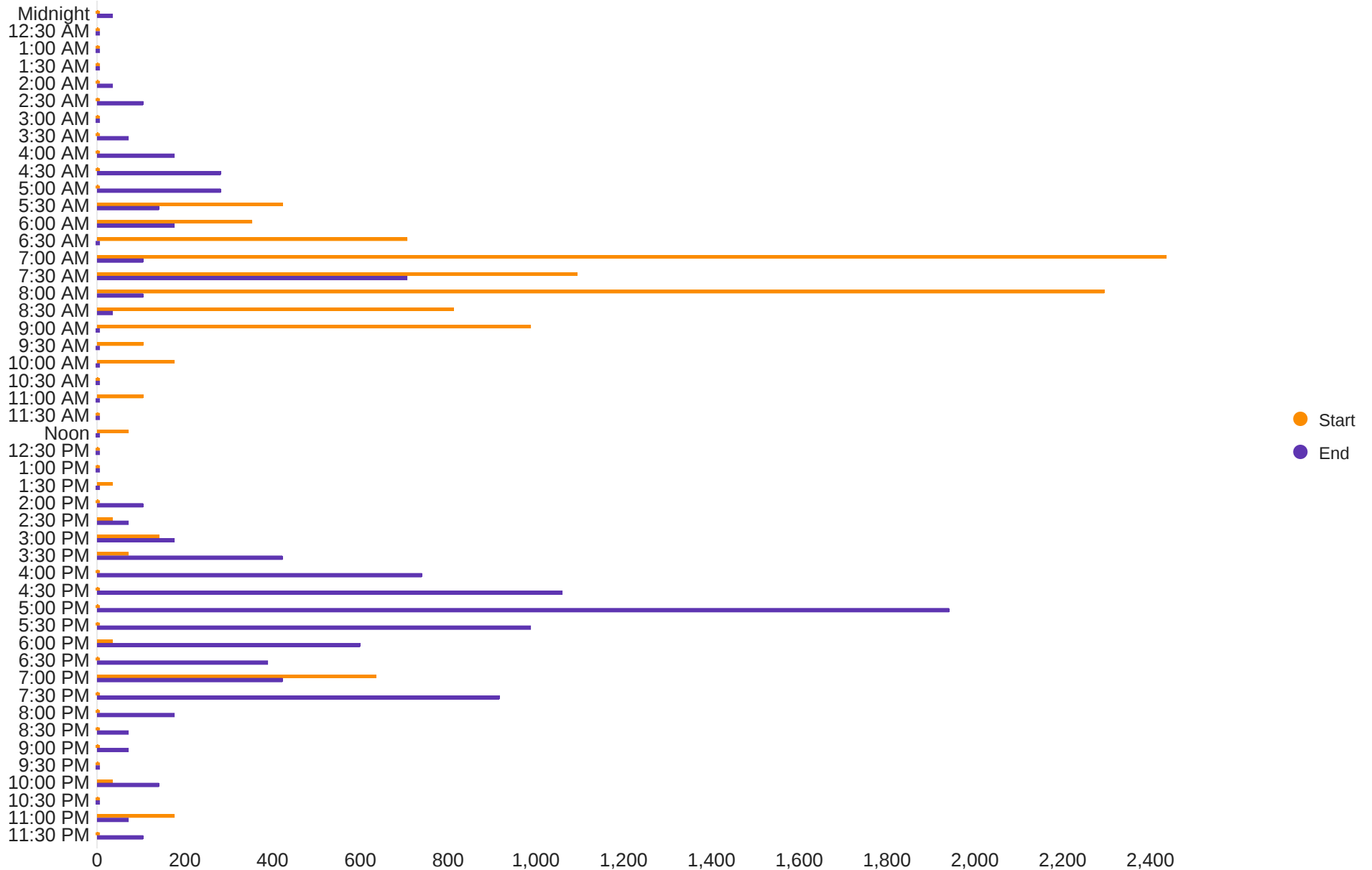


### Q3.6 - What time does your most common shift typically begin and end? ECO sample. Weighted.



As with previous surveys, shift times most commonly start at 7am and 8:30am and end at 5pm.

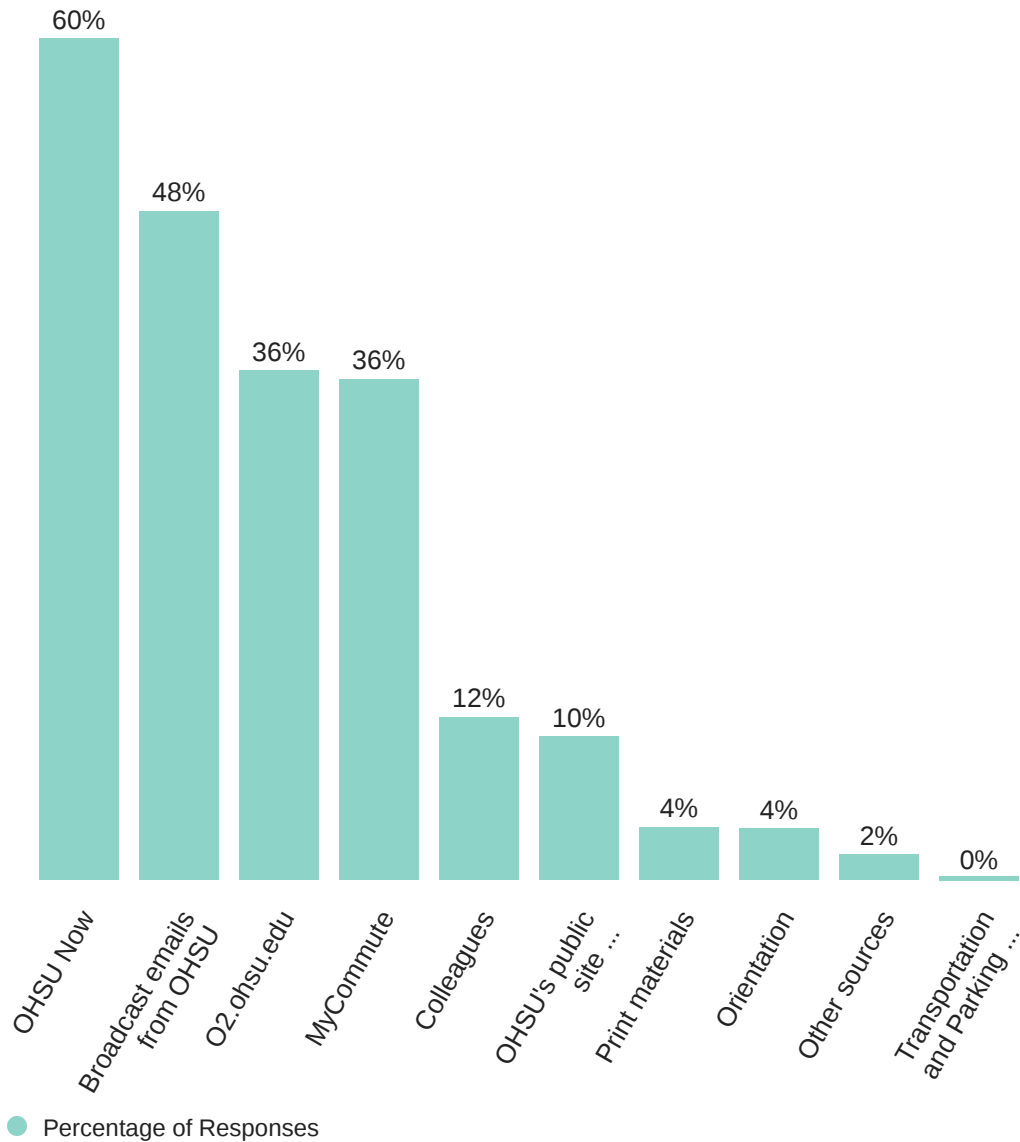
## Q3.6 - What time does your most common shift typically begin and end? MARQUAM HILL. ECO sample. Weighted.



Q12.1 - How do you prefer to receive information, updates and resources regarding your OHSU commute?

ECO Sample. Weighted.

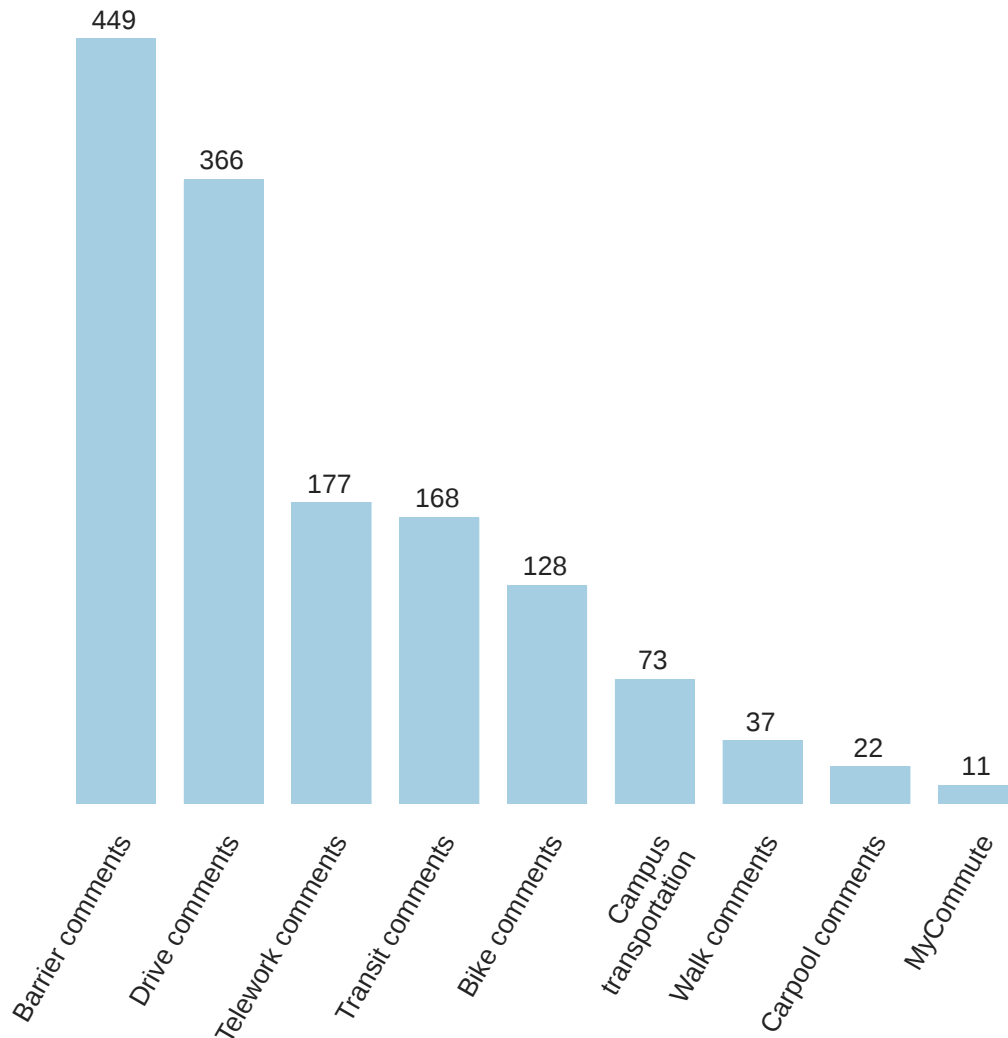
In previous census years, this question has been filtered by year of hire. New employees were found to prefer orientation, the public website and print materials over other methods of communication.





### Q12.2 - If you have any further feedback on how OHSU can support your commuting, please briefly describe below.

Number counts represent category tags. Some comments have multiple tags. Comments may be positive, negative or neutral.



# 2020 CENSUS - YEAR TO YEAR ANALYSIS

## FINDINGS BY CHART

p2

Primary Mode

p3

Q8 What options people have access to:

Percentage of responses was higher for all options except, curiously, telework. This could be a fluke or discrepancy in the data. It could also mean that people who believed their role was possible as telework in 2019, now believe otherwise having actually tried telework.

Takeaway: People are trending toward being more multimodal with access to a variety of modes trending positively since 2020.

Q14 Preferred options

In 2022, more people prefer drive alone, biking, walking and being dropped off vs 2020. Telework was more preferred in 2020.

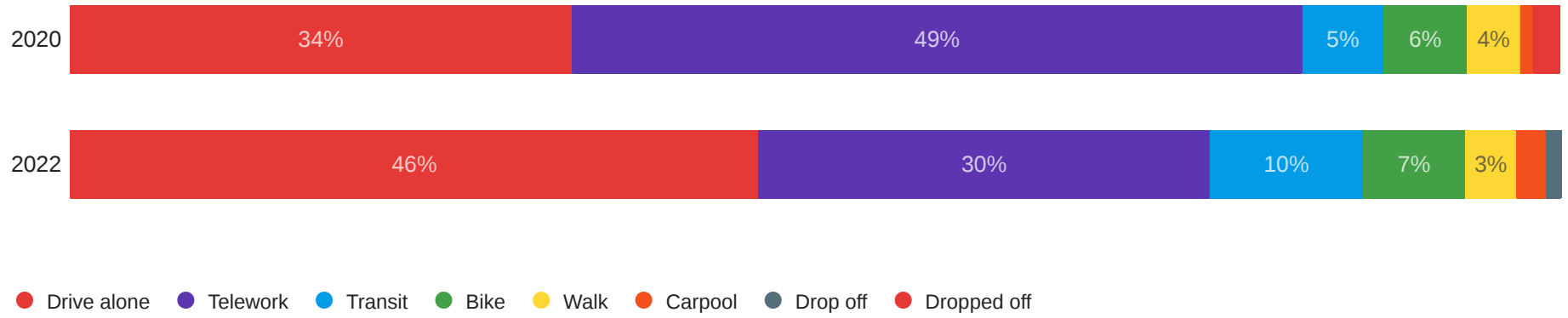
Those who do not prefer each mode was also reduced for all modes except telework, which statistically tied 2020 results for not preferred.

In 2020, Telework was the most preferred mode, followed by drive alone. In 2022, these results flipped, however Telework remains the 2nd most preferred mode by a significant margin.

Takeaway: People appear to be trending toward more open mindedness regarding various commute options as negative reactions decline.

Q15 What would help you bike to OHSU?

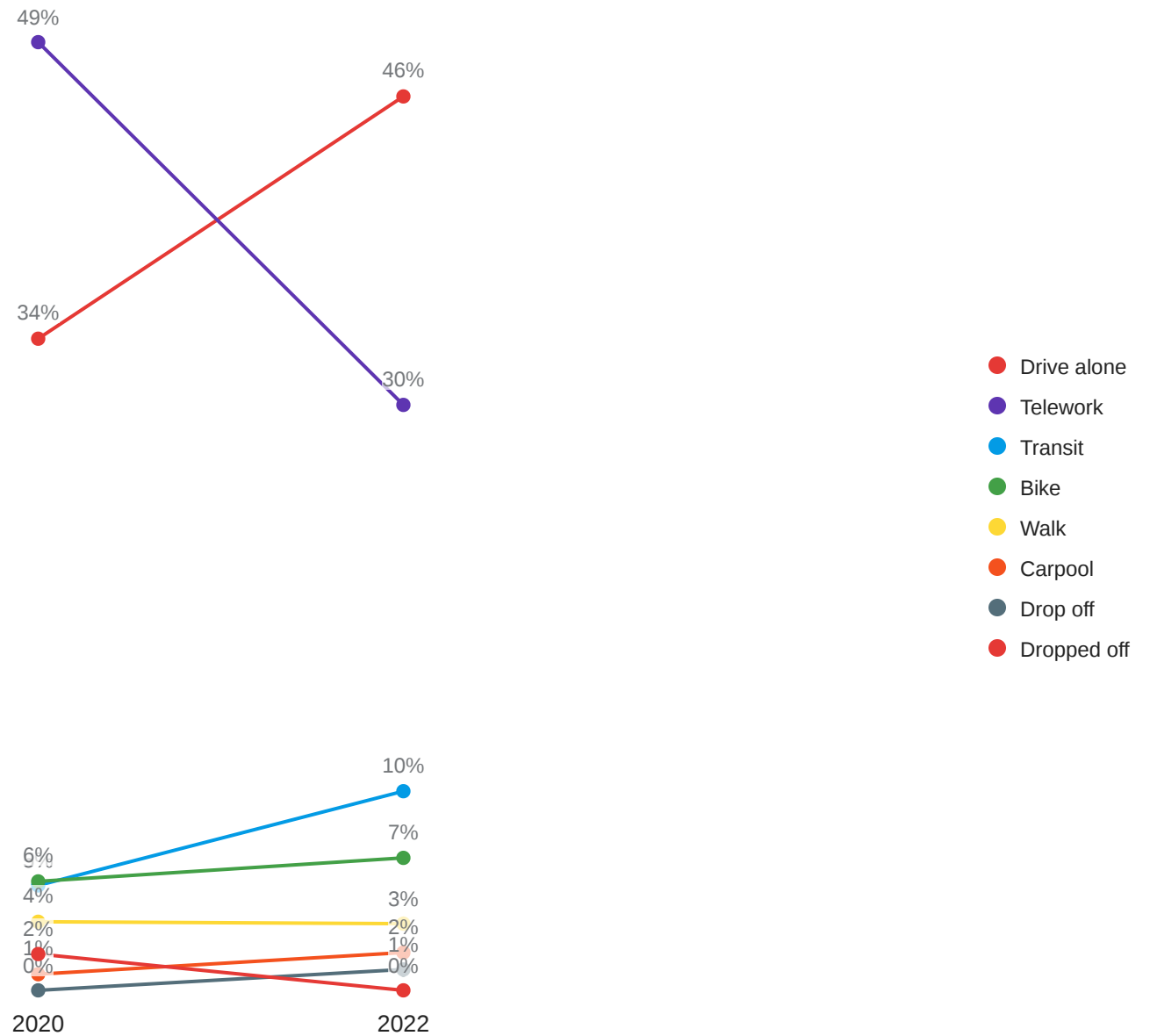
## Primary Mode



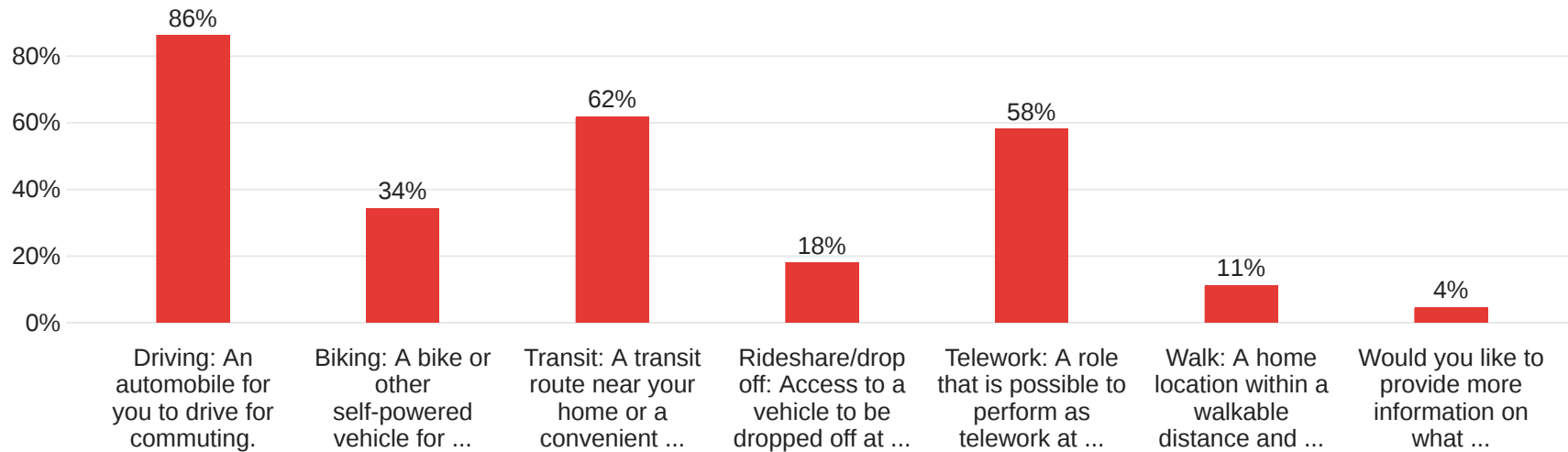
## YEAR TO YEAR ANALYSIS

3

### Primary Mode

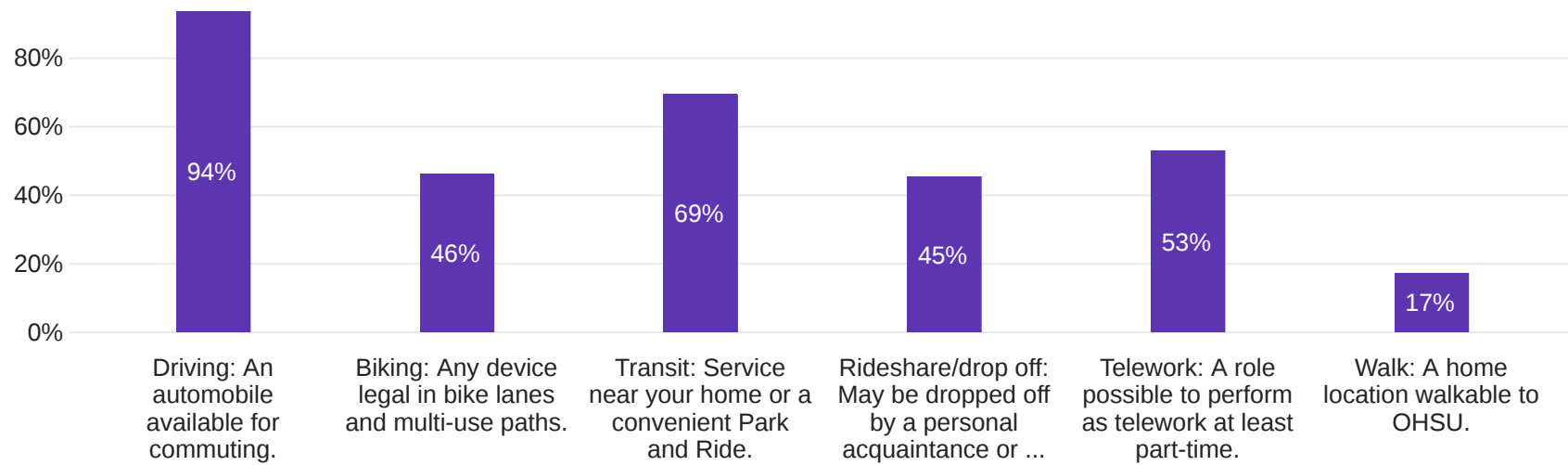


## 2020 - Q8 - Do you have the following available to you? - Selected Choice



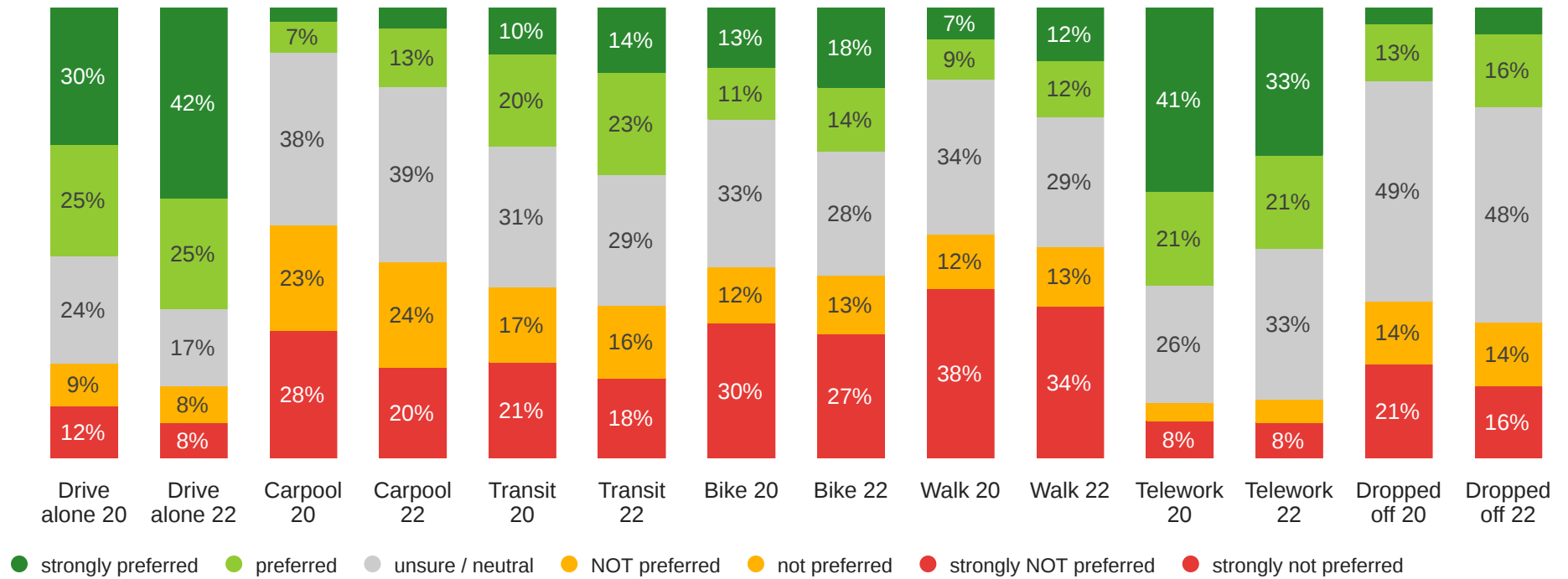
● Percentage of Responses

## 2022 - Q3.5 - Do you have access to any of the below?

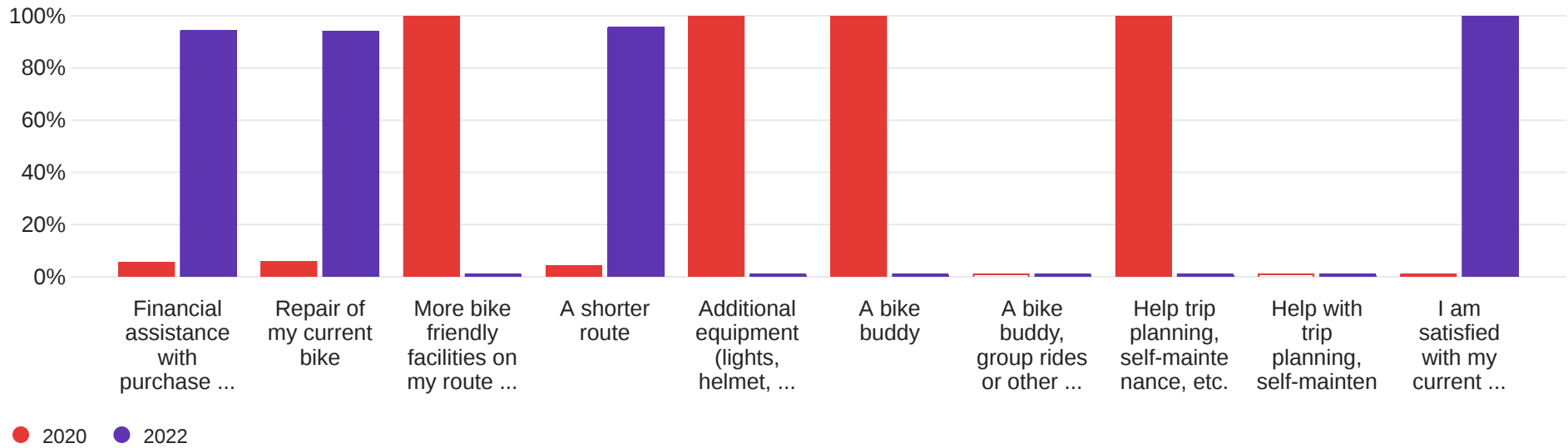


● Currently available

## Q14 - Provided the right resources and conditions, what would be your preferred commute options?



## Q15 - What would help you bike to OHSU? - Selected Choice



Verify data on above chart

**NOTE: DIFFERENCE IN BIKE SHARE YEAR TO YEAR**

2022 CENSUS  
Key Findings

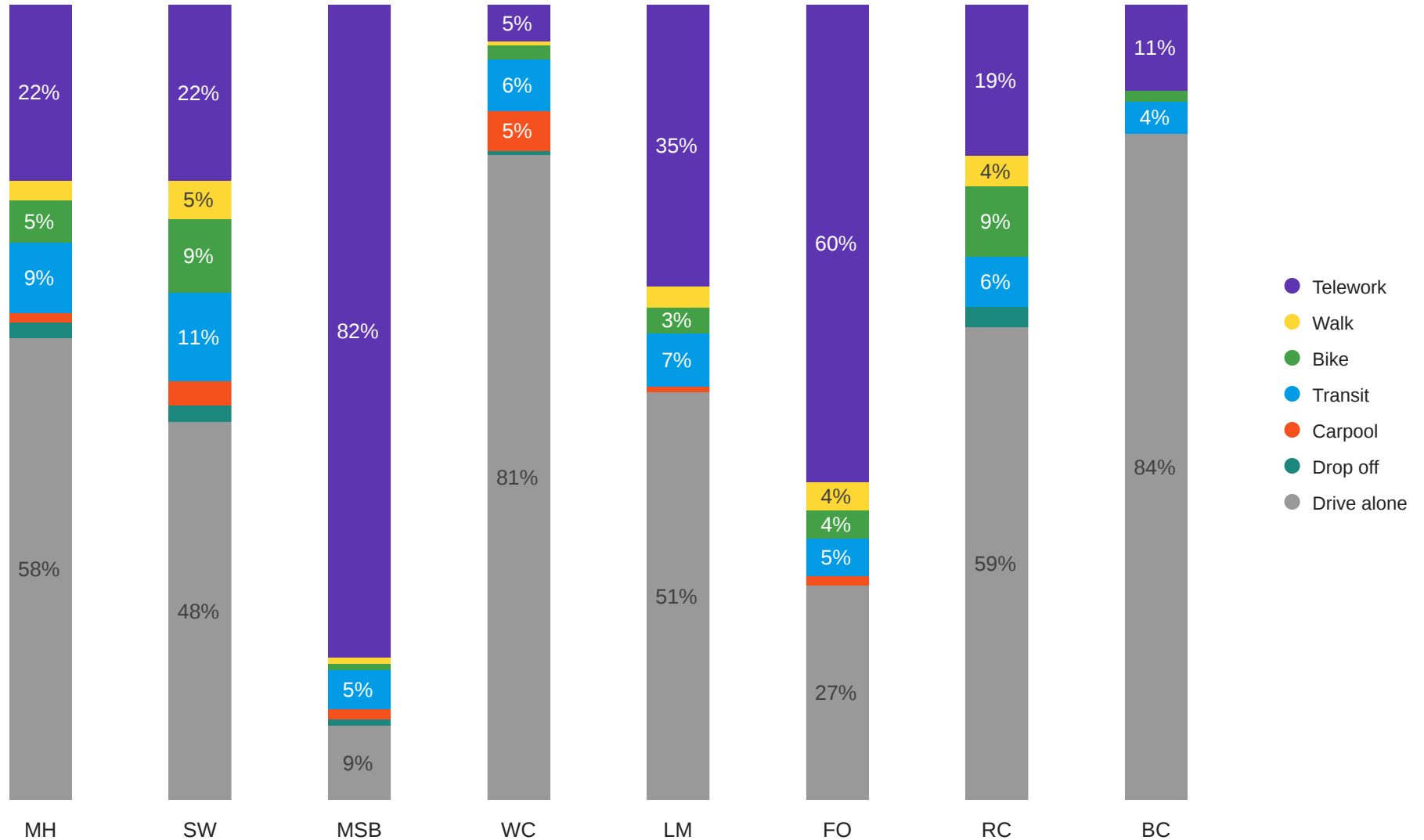
# Modesplit



## Primary Mode by work site

ECO sample. Unweighted.

Both driving and telwork are up over the past 2 years. South Waterfront's drive alone rate was 10% lower than Marquam Hill's and each of the non-driving modes (except telework, tied) scored higher than Marquam Hill.

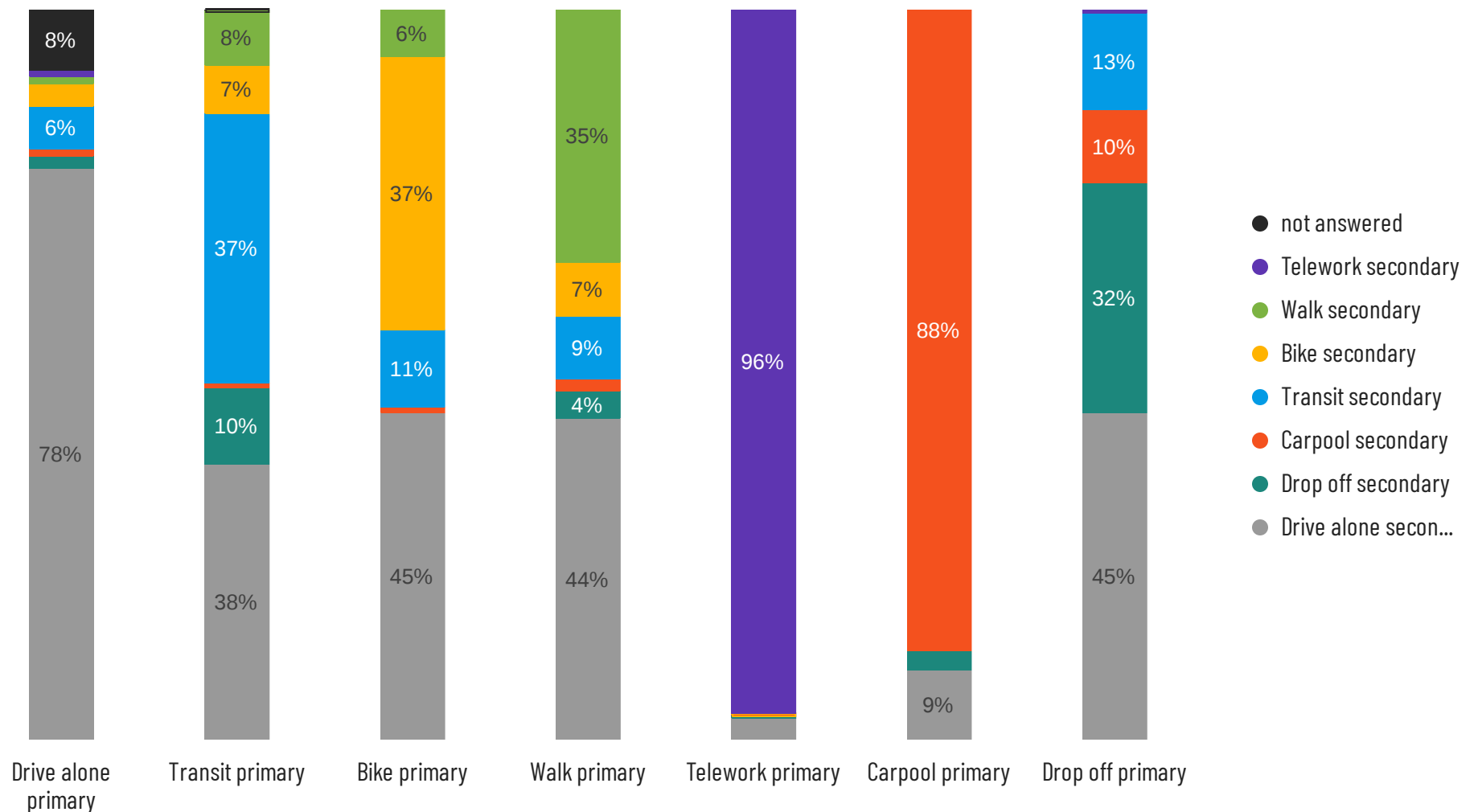


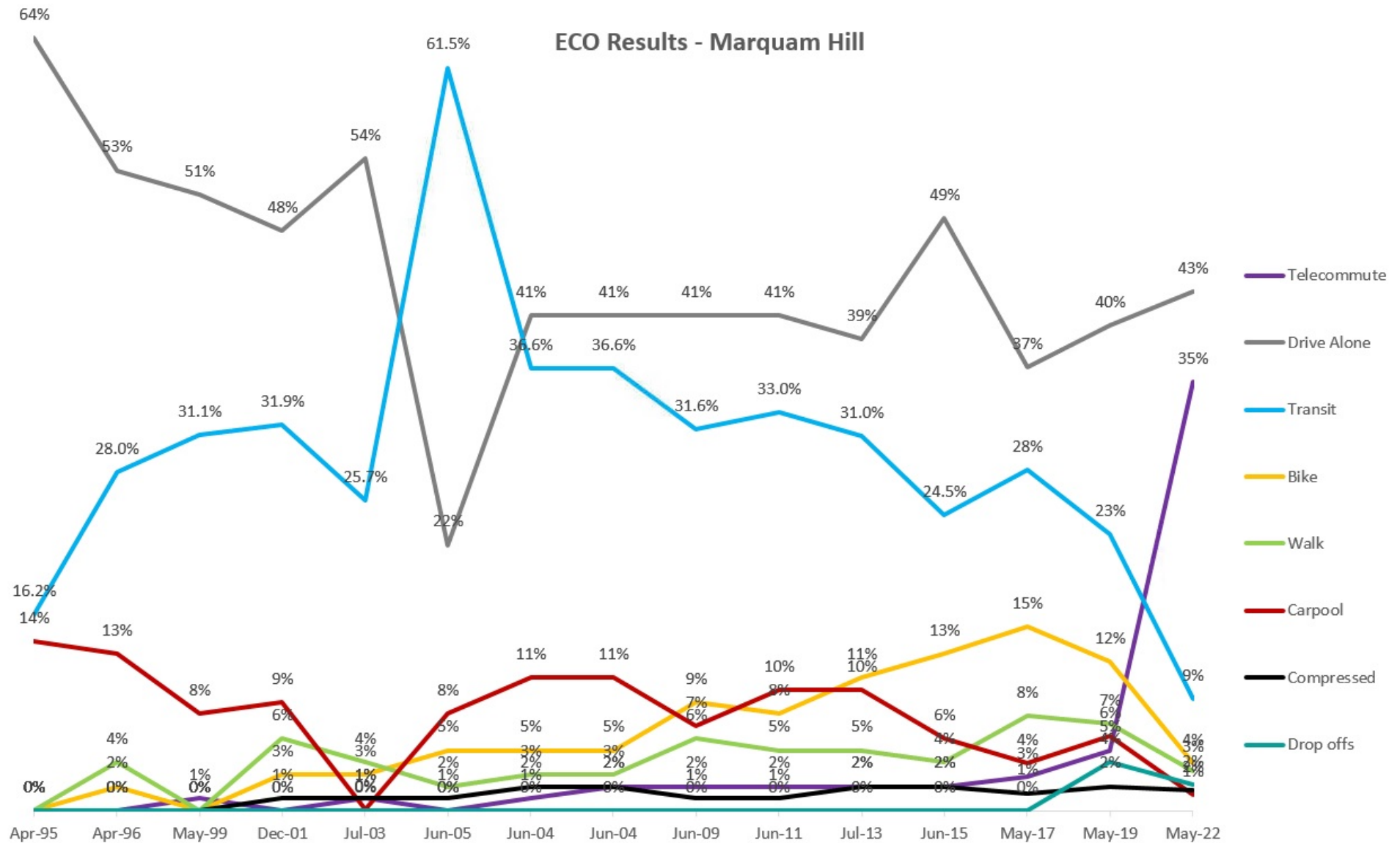
## Respondents' primary mode vs their secondary mode.

ECO sample. Weighted.

People who primarily telework are least likely to use other modes. Next most consistent was carpoolers, followed by drive alone people. People who take transit, bike, walk and are dropped off were unlikely to use only one mode.

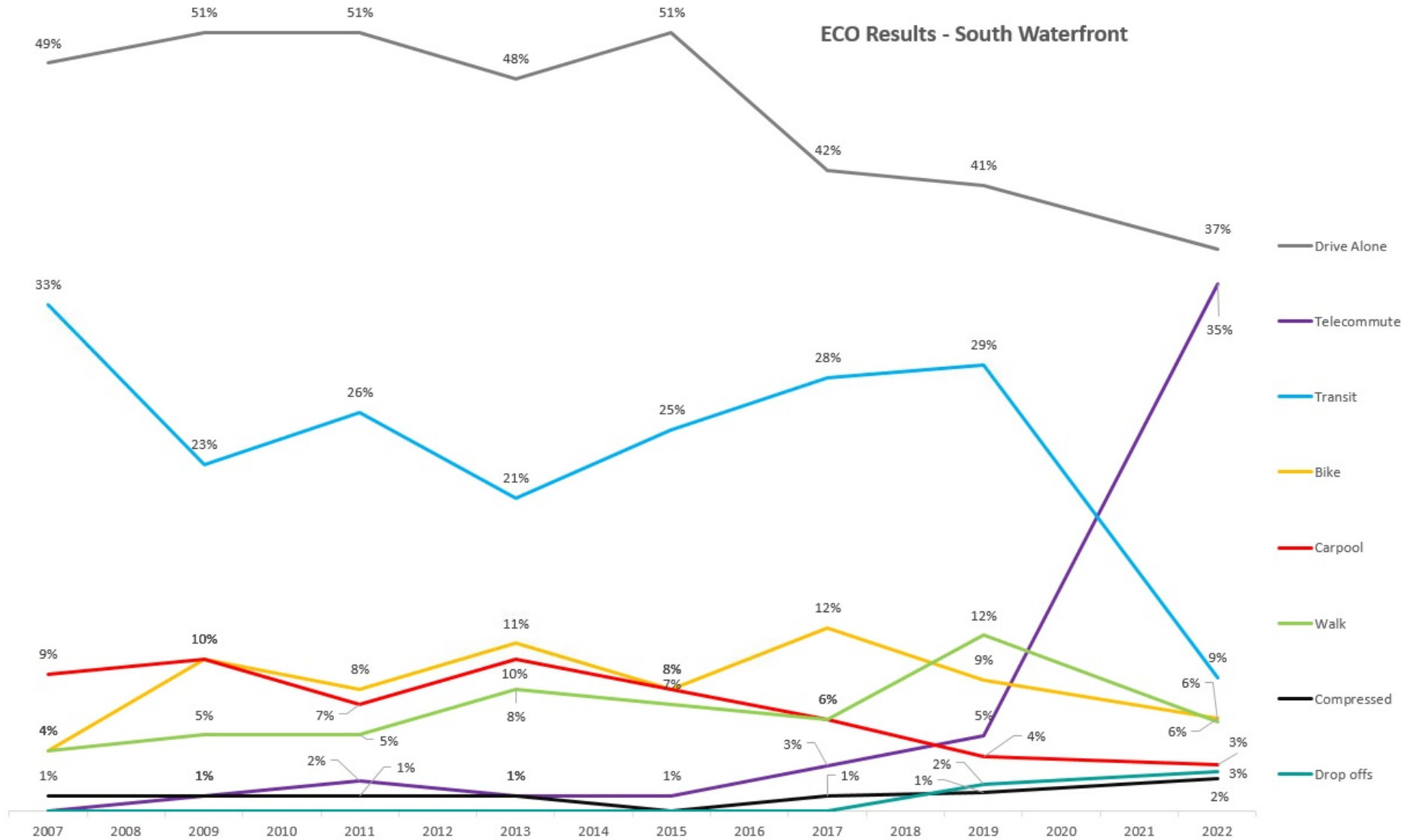
Nearly half of people who bike or walk are likely to drive as a secondary mode. This suggests that commute choices may be malleable to change day by day depending on circumstance and challenges.





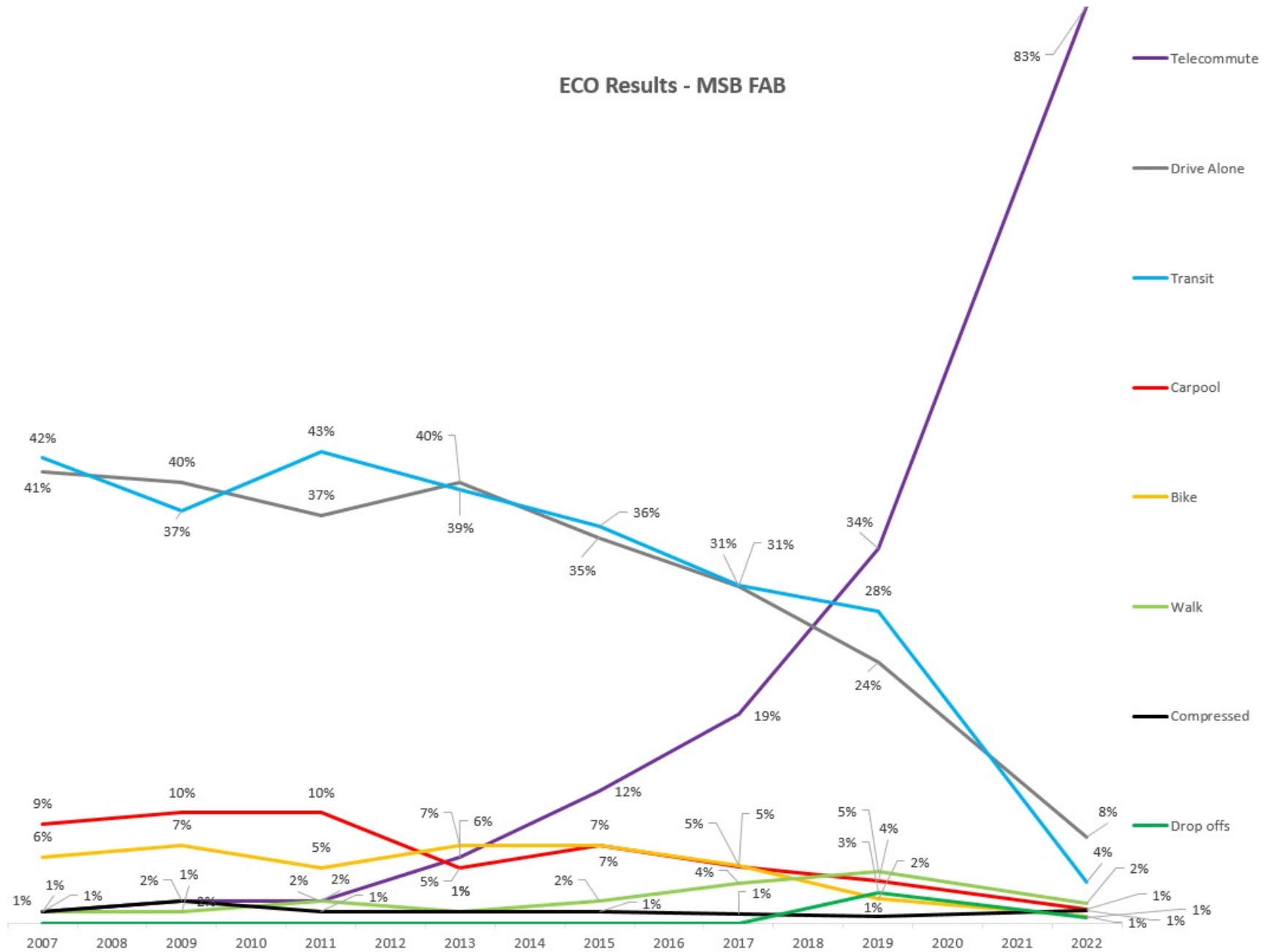
Telework rose roughly 30% since 2019's ECO survey. Driving crept up 3% while all other modes are down. Biking went from 12% to 4%.

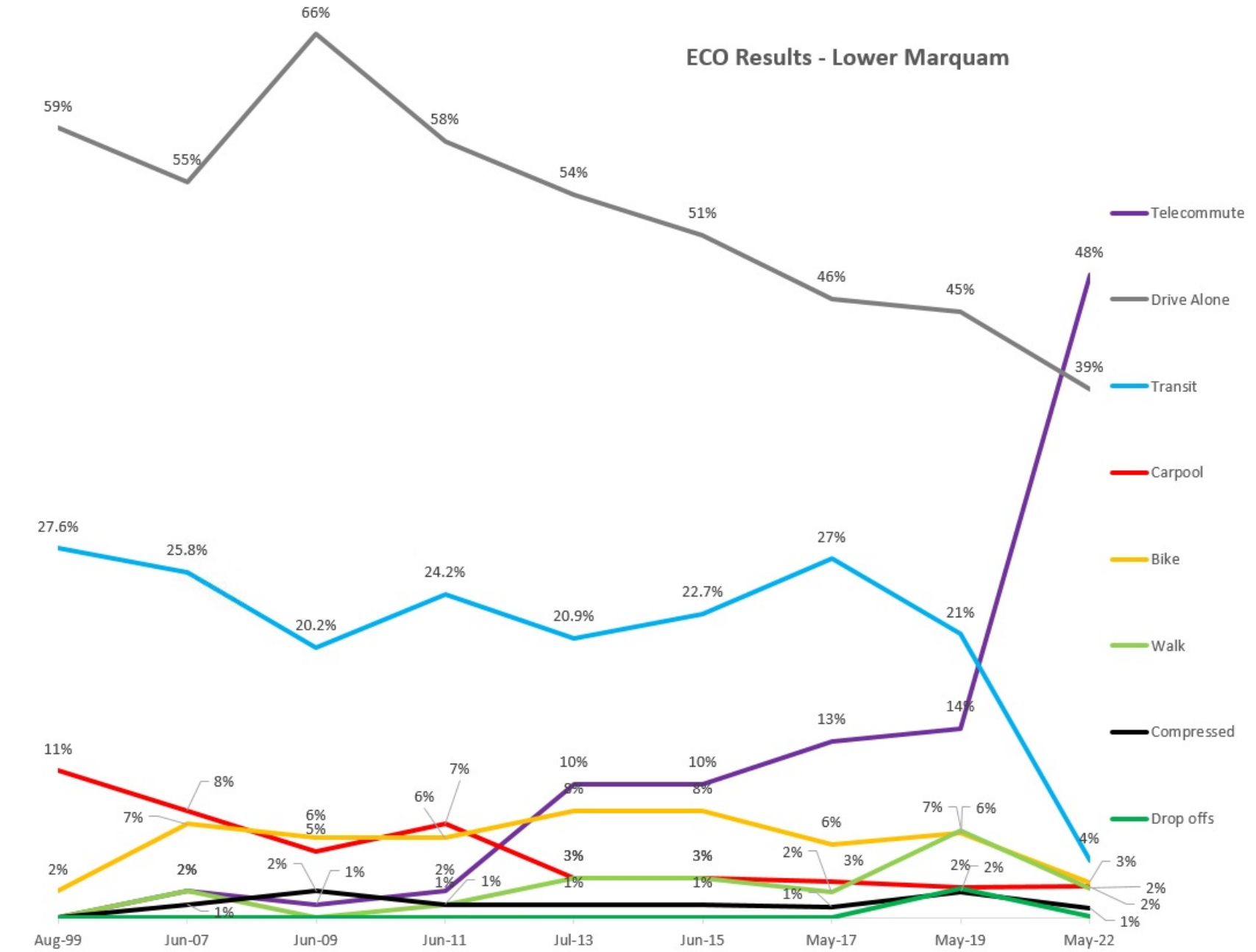
The reduction in bike trips could likely be due to a combination of 3 factors: 1.) The weeks of survey broke historical records for rain, a factor that commonly causes many riders to choose a different mode. 2.) People moving further from OHSU. 3.) People who bike pivoting to telework trips.



Drive alone was 10% lower than MH and a 4% decrease from 2019. Non-driving/non-telework options all out performed MH.

Trend lines otherwise followed similar patterns of decline or rise.





2022 Census  
KEY FINDINGS

# TRANSIT

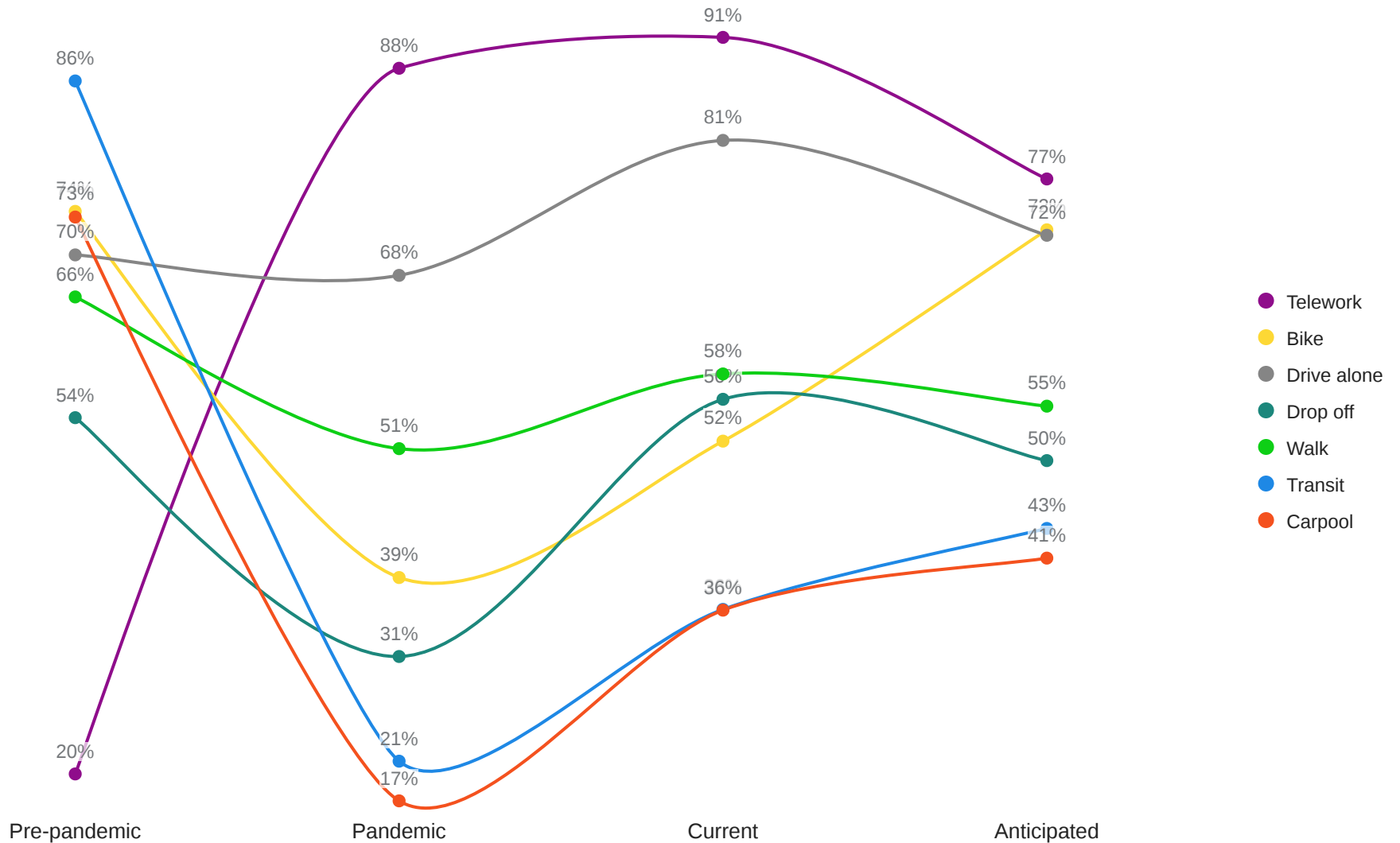
## Q2.2 - ALL SITES

This question helps us understand how your commute has been affected by the pandemic.

### What travel modes did you regularly take previously and/or expect to regularly take in the future?

Select all that apply. If your choices change seasonally, choose your summer or best weather option.

Weighted ECO sample.





## Q2.6 - Please rank how the following affect your current experience commuting or teleworking.

**FILTER:** People who currently use transit

1 means this is the primary reason you are choosing your current commute.

8 means this is not a priority in your commute choice (this may still be important to you outside of your commute).

In comparison to current transit riders, people who have stopped taking transit rank: speed, family/personal needs, and safety significantly higher and cost, comfort, environmental impact and mental health significantly lower.

Outreach that would address these riders' needs could involve spreading awareness of:

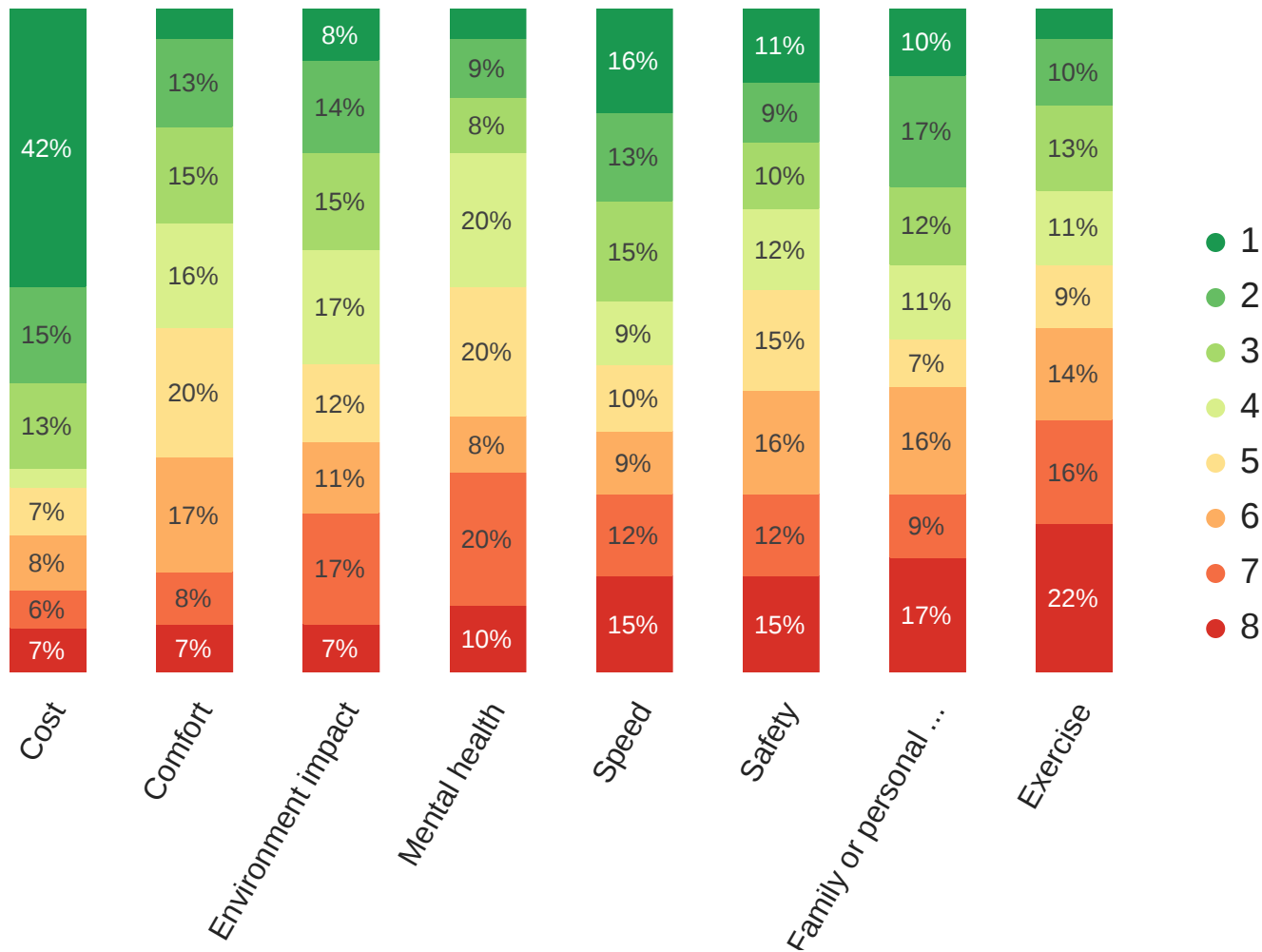
Park and rides (speed)

Express buses; rose lanes (speed)

Guaranteed Ride Home (family care)

TriMet safety protocols (safety)

Vision Zero (safety)

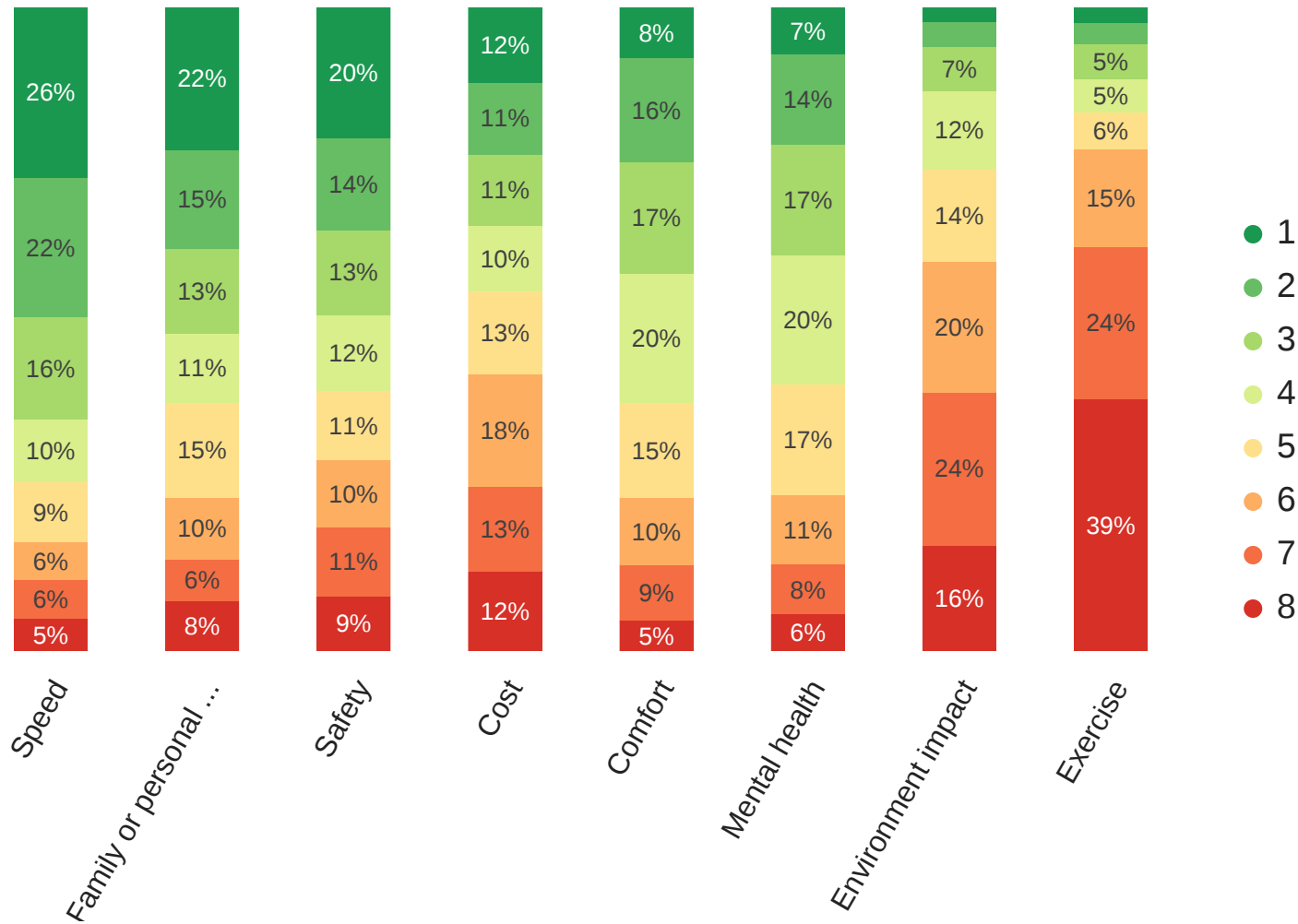


## Q2.6 - Please rank how the following affect your current experience commuting or teleworking.

**FILTER:** People who previously took transit but have stopped.

1 means this is the primary reason you are choosing your current commute.

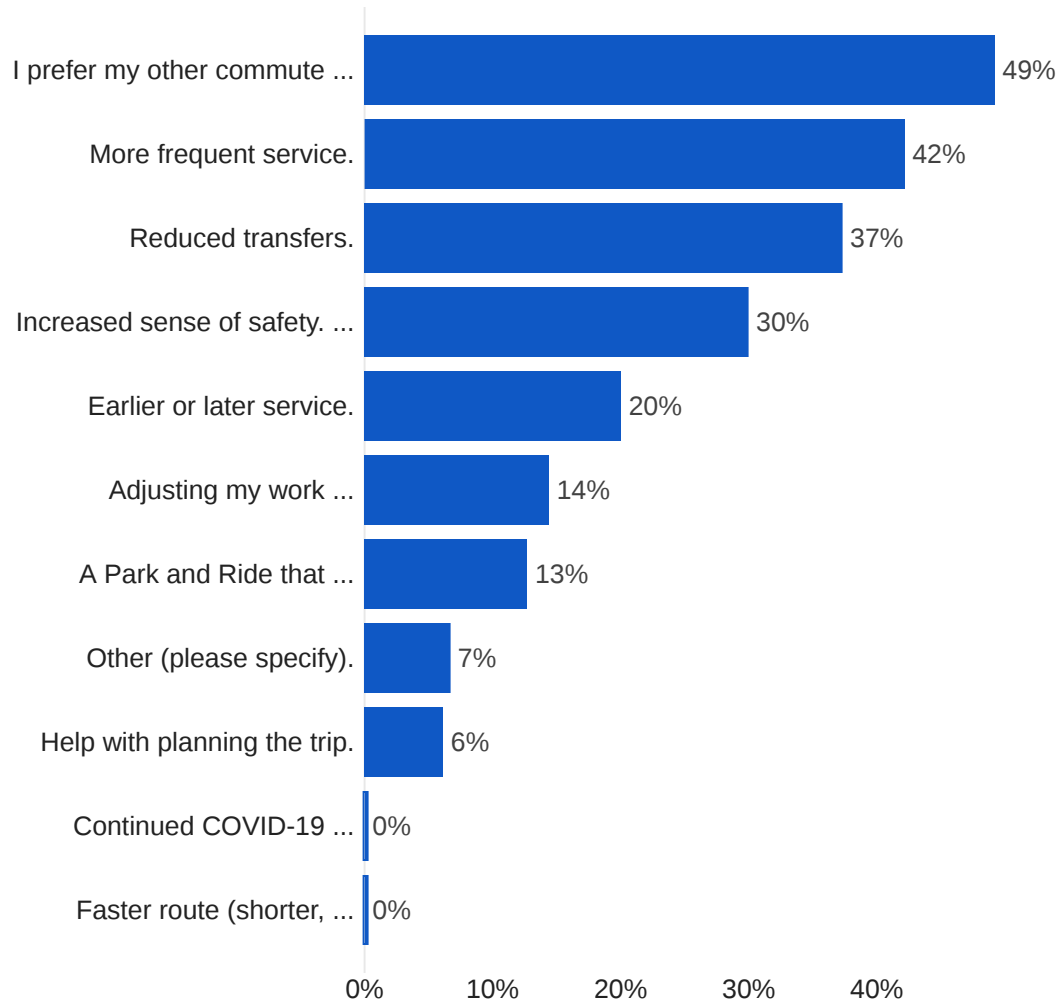
8 means this is not a priority in your commute choice (this may still be important to you outside of your commute).



### Q8.4 - Please select any factors that would make you more likely to choose transit.

Asked of: People who do not currently ride transit AND are not full time telework AND do not live less than 1 mile from their worksite.

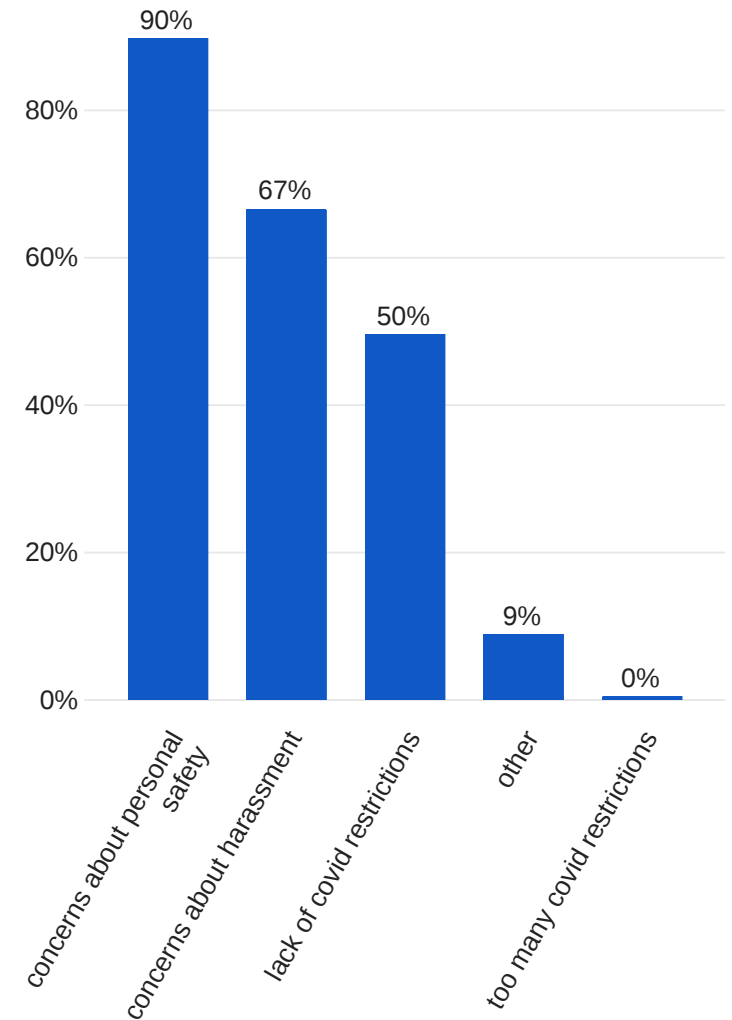
Filter: ECO sample (MH, SW ECO was within 1% of All ECO Sites filter). Weighted.



● Percentage of Responses

### Q8.5.2 - Do any of the following safety issues affect whether you choose to ride transit?

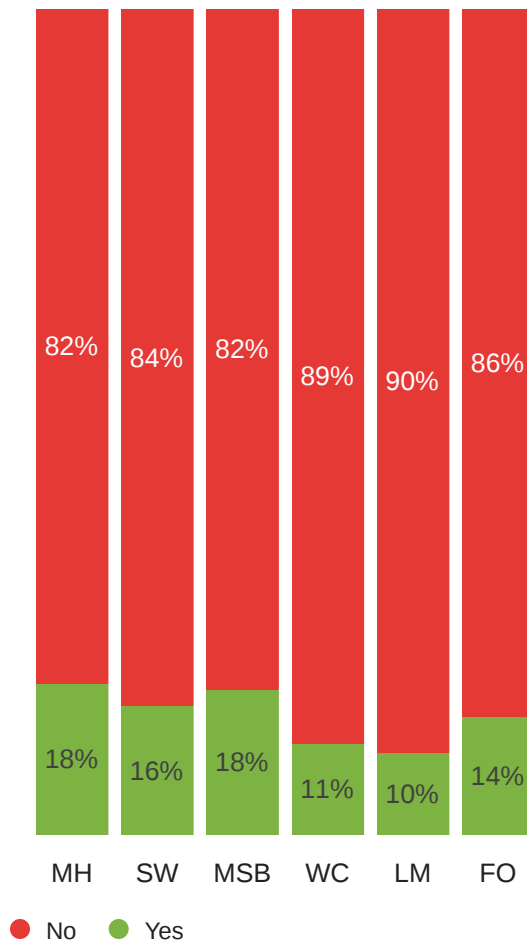
Asked of: People who selected "increased sense of safety" in Q5.1 Filter: ECO sample. Weighted.



● Percentage of Responses

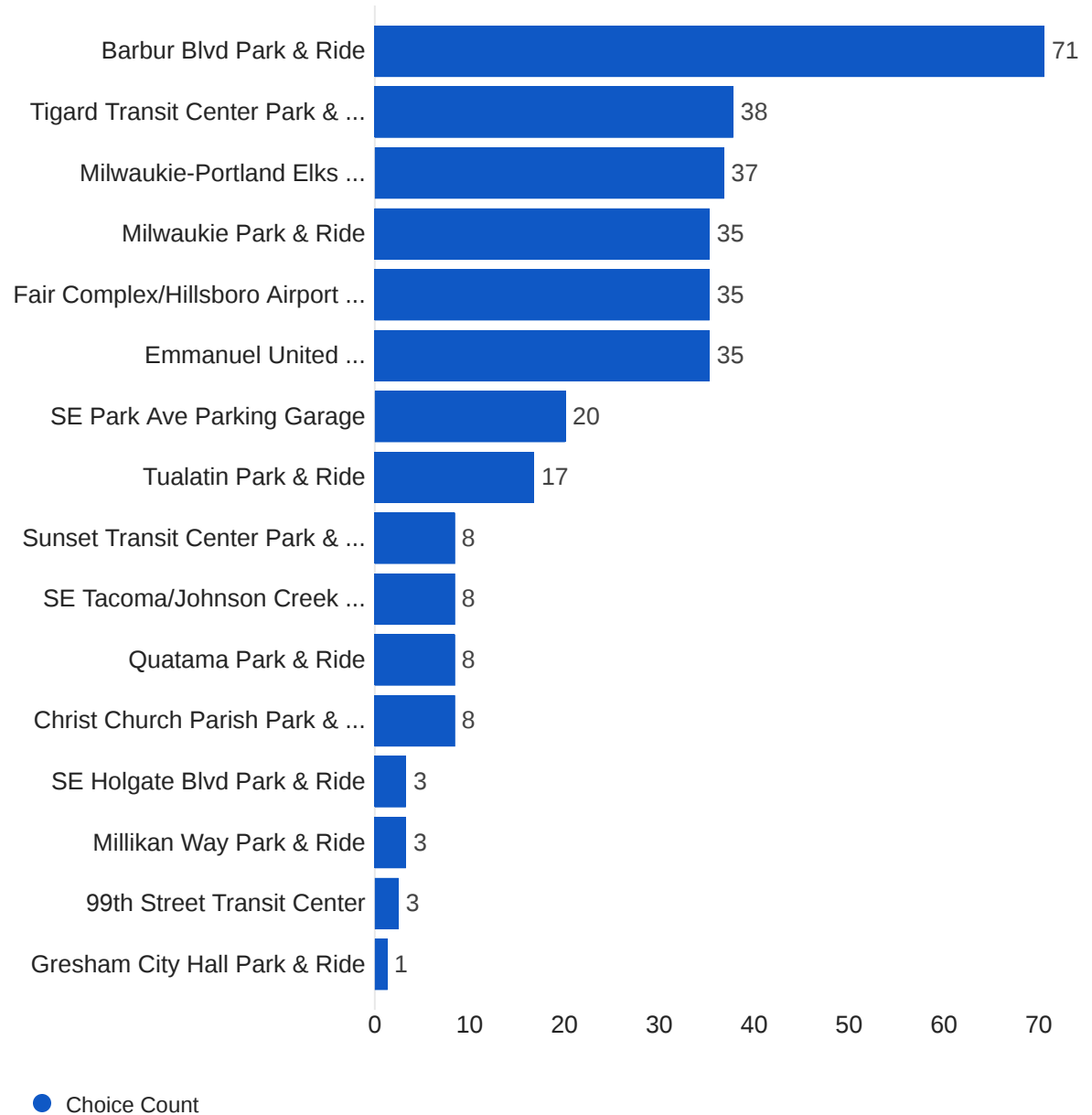
### Q8.6 - Do you typically use a park and ride or other offsite parking facility to connect to transit?

Asked of: People who currently ride transit. Filter: ECO sample. Breakout: ECO sites. Weighted estimated total.



### Q8.7\_1 - What park and ride do you use most often?

Asked of: People who use a park and ride. Filter: ECO sites. Weighted estimated total.

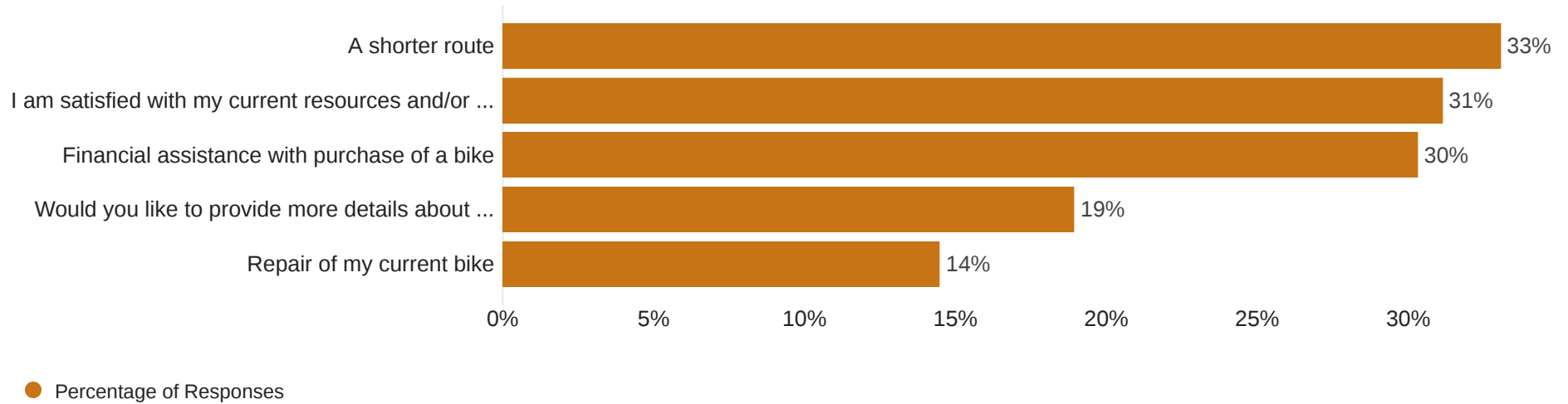


2022 Census  
Key Findings

# Walk and Bike analysis

## Q6.1 - What would help you bike more to OHSU?

Asked of: People who would prefer to bike and/or currently bike. Filter: MH, SW ECO. Weighted.

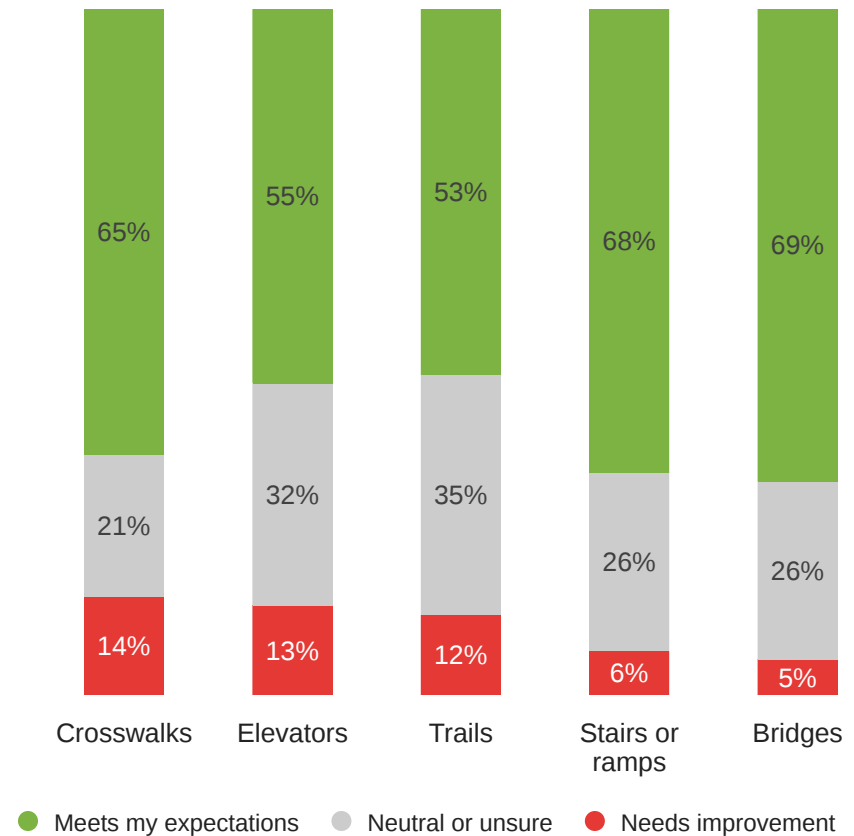
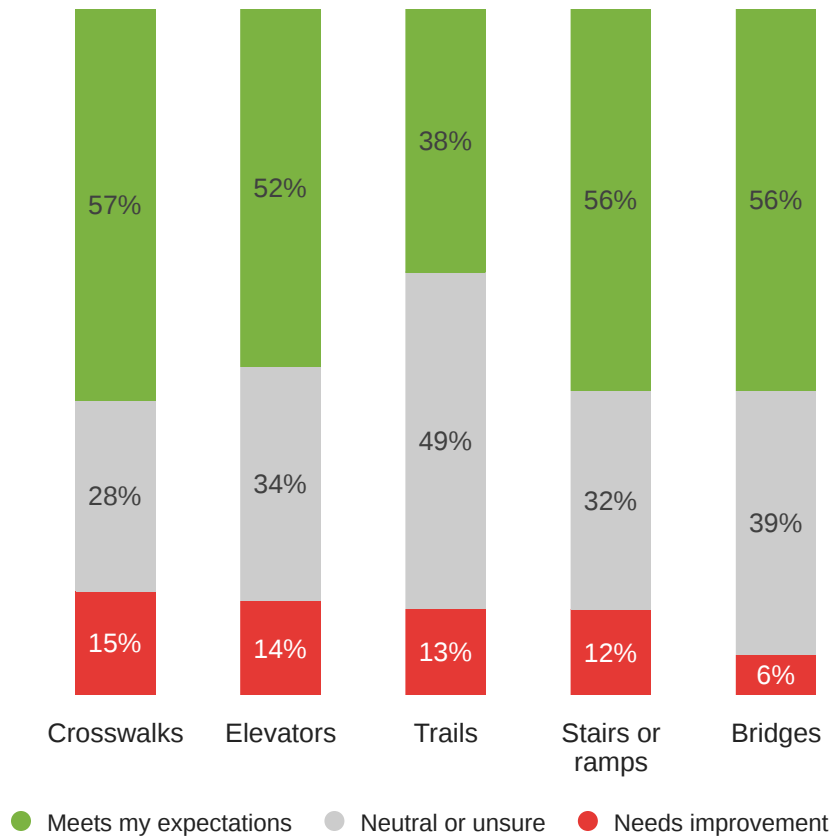


## MARQUAM HILL

ECO Site Breakout. Asked of: people who are not full time telework. Filter: ECO.

Q7.1 - How would you rate walking facilities... onsite / on campus.

Q7.3 - How would you rate walking facilities that are off campus but nearby?

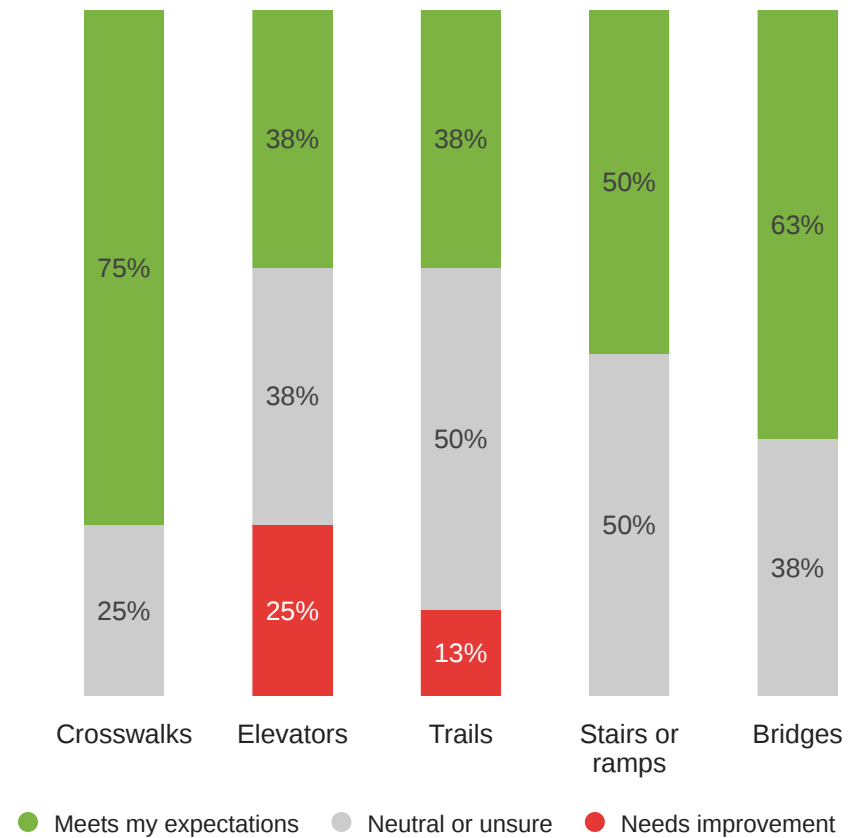
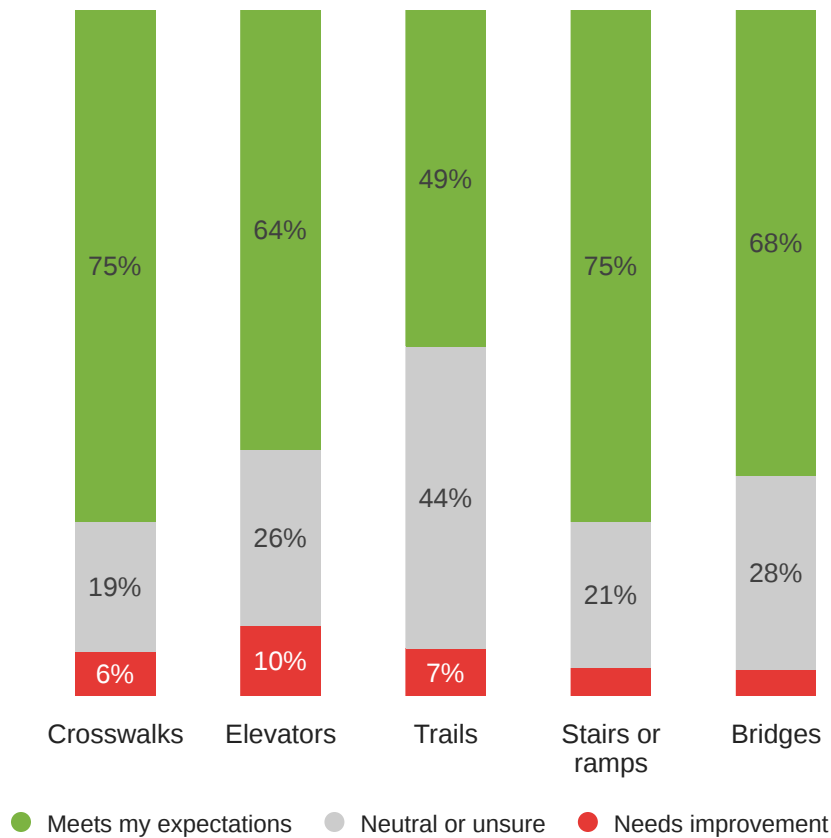


## SOUTH WATERFRONT

ECO Site Breakout. Asked of: people who are not full time telework. Filter: ECO.

Q7.1 - How would you rate walking facilities... onsite / on campus.

Q7.3 - How would you rate walking facilities that are off campus but nearby?



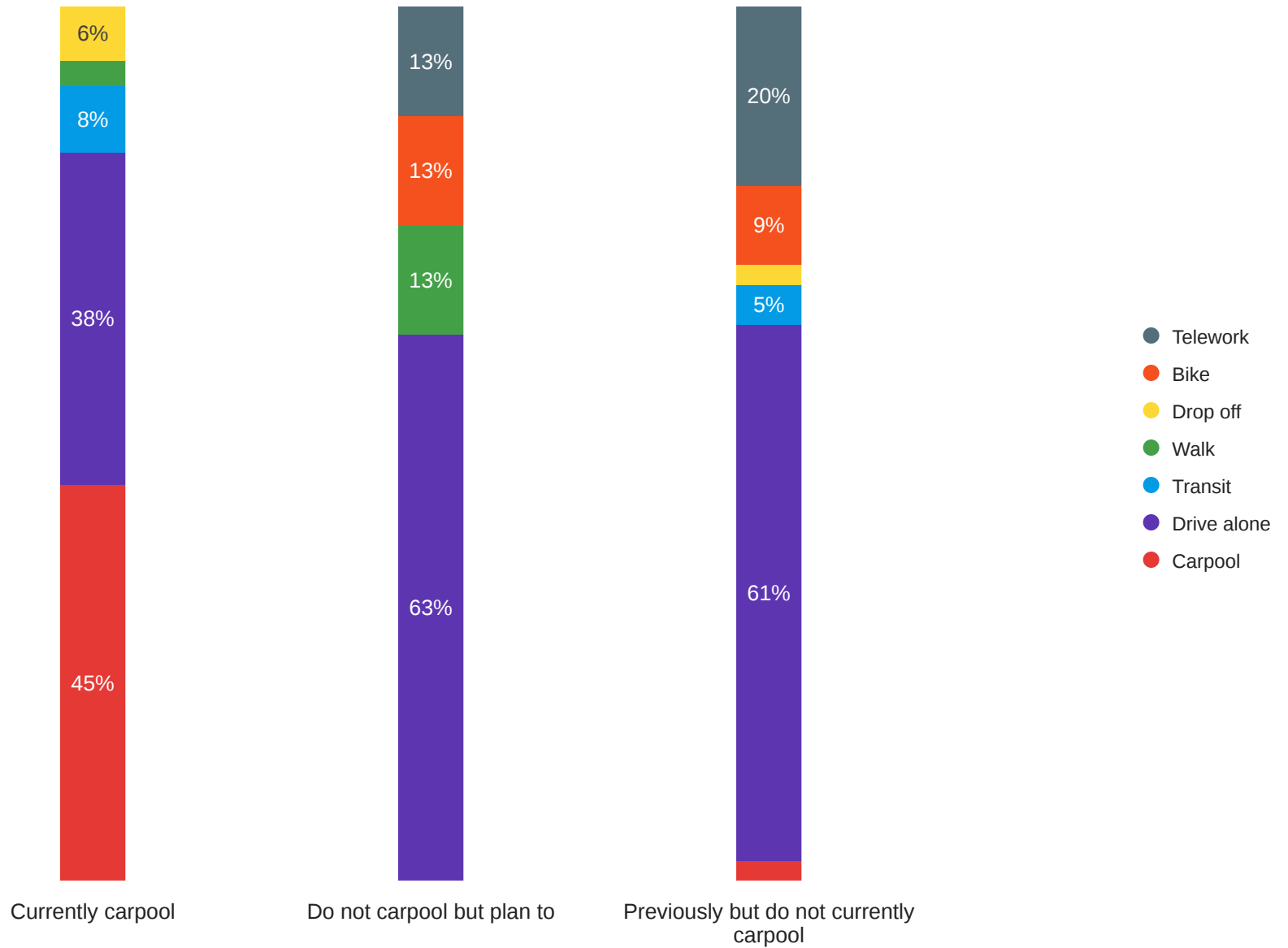


CENSUS 2022  
KEY FINDINGS

# CARPOOL

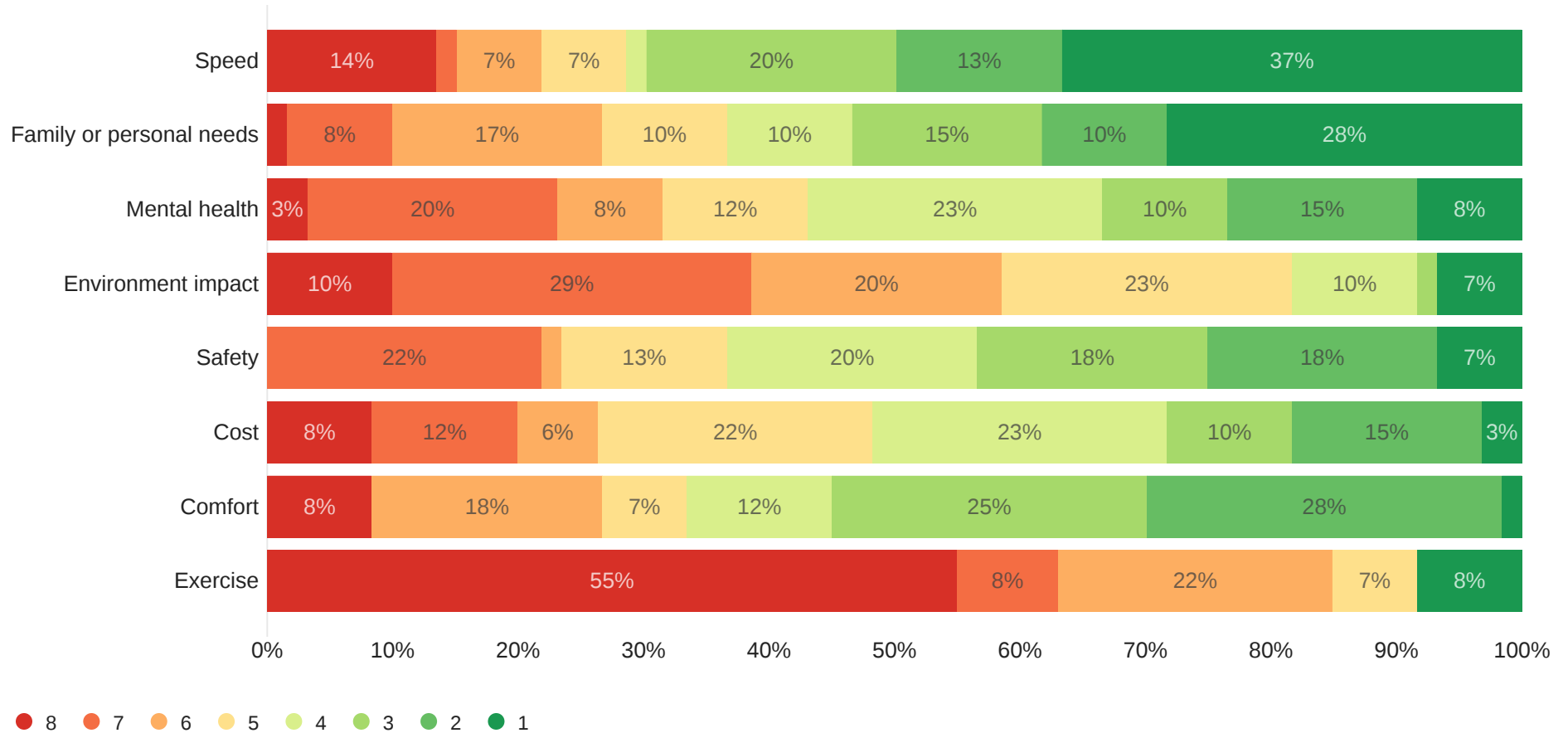
## Primary Mode - Carpool breakout

MH and SW ECO selected. Weighted.



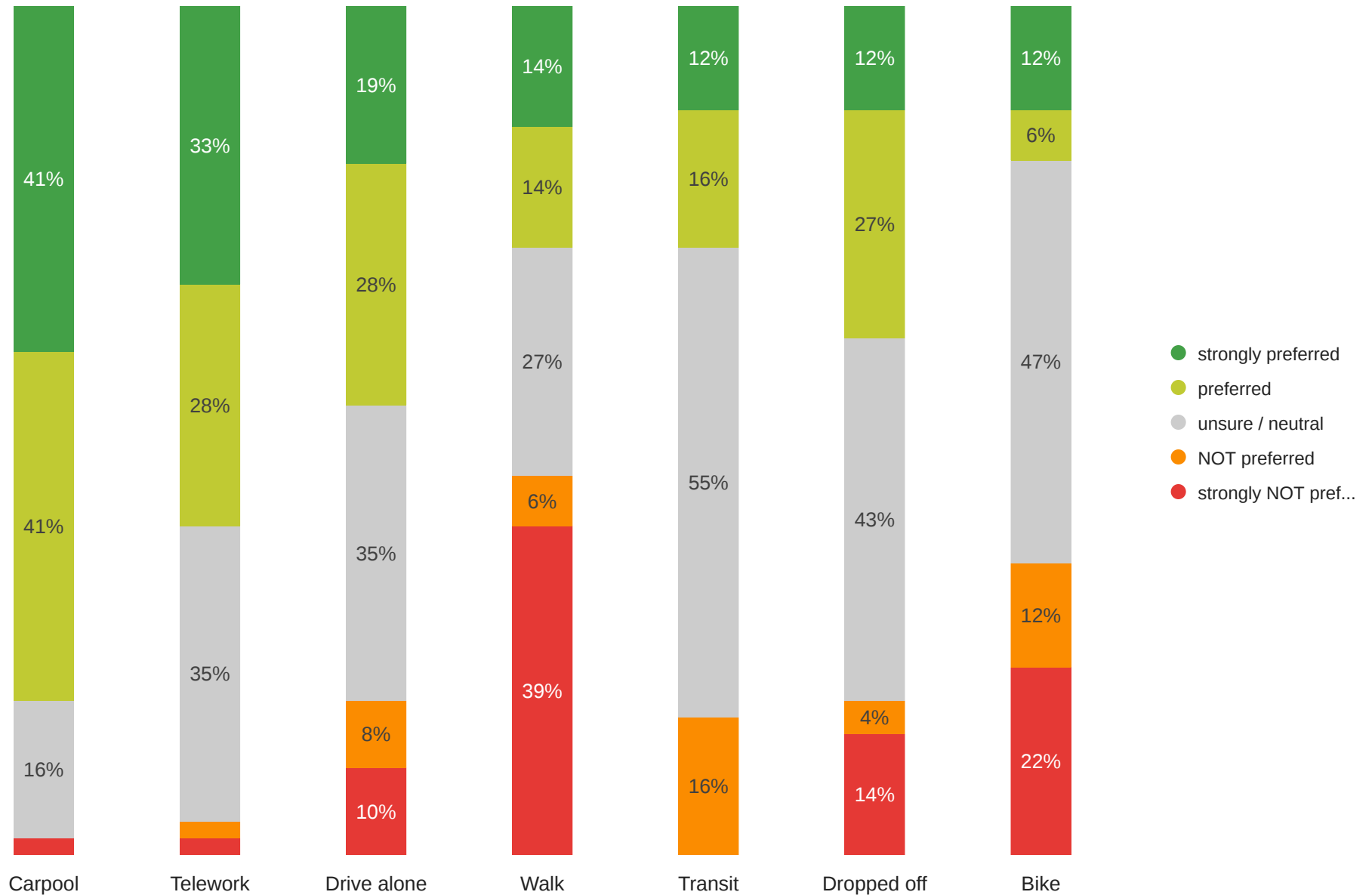
## Q2.6 - Please rank how the following affect your current experience commuting

ECO Selected current carpoolers to MH SW. Weighted.



### Q3.4 - Provided the right resources and conditions, what would be your preferred commuting options?

Asked of: People who are not full time telework OR live more than 1 mile from worksite. Filter: ECO CARPOOL MH, SW



## KEY FINDINGS

# TELEWORK

# 2022 TELEWORK ANALYSIS

2

Telework questions were only asked of people performing work (not education) for OHSU (employees, contractors, etc.).  
Additional question logic noted by question.

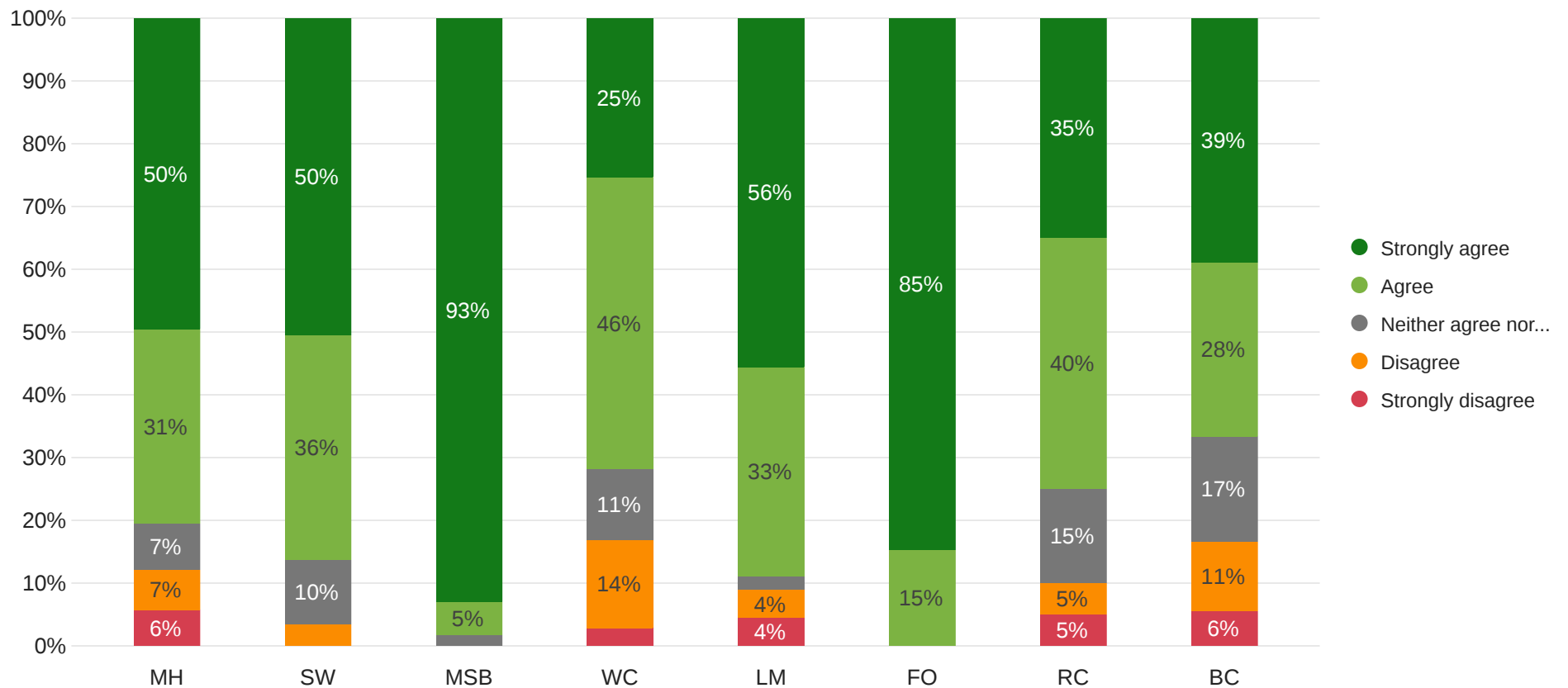
Q9.1		Q9.2		Q9.3	
Roughly what percent of your time is TYPICALLY PERFORMED as		Roughly what percent of your time would you PREFER be		Roughly what percent of your time is POSSIBLE as	
SITE	TELEWORK vs ONSITE	TELEWORK vs ONSITE	TELEWORK vs ONSITE	TELEWORK vs ONSITE	TELEWORK vs ONSITE
MH	62% 38%	59% 41%	32% 68%		
SW	50% 50%	51% 49%	29% 71%		
MSB FAB	68% 33%	94% 6%	77% 23%		
WC	29% 71%	37% 63%	20% 80%		
LM	45% 55%	66% 34%	43% 57%		
OTHER	65% 35%	66% 34%	51% 49%		
Asked of: People who commute for work AND telework part or full time		Asked of: People who did NOT select telework as strongly not preferred AND who commute for work		Asked of: People who are not exclusively teleworking AND who commute for work	

Q9.4 - Are you involved in recruitment, hiring and/or retention of colleagues within your department (screening candidates, interviewing, onboarding, managing, etc.)



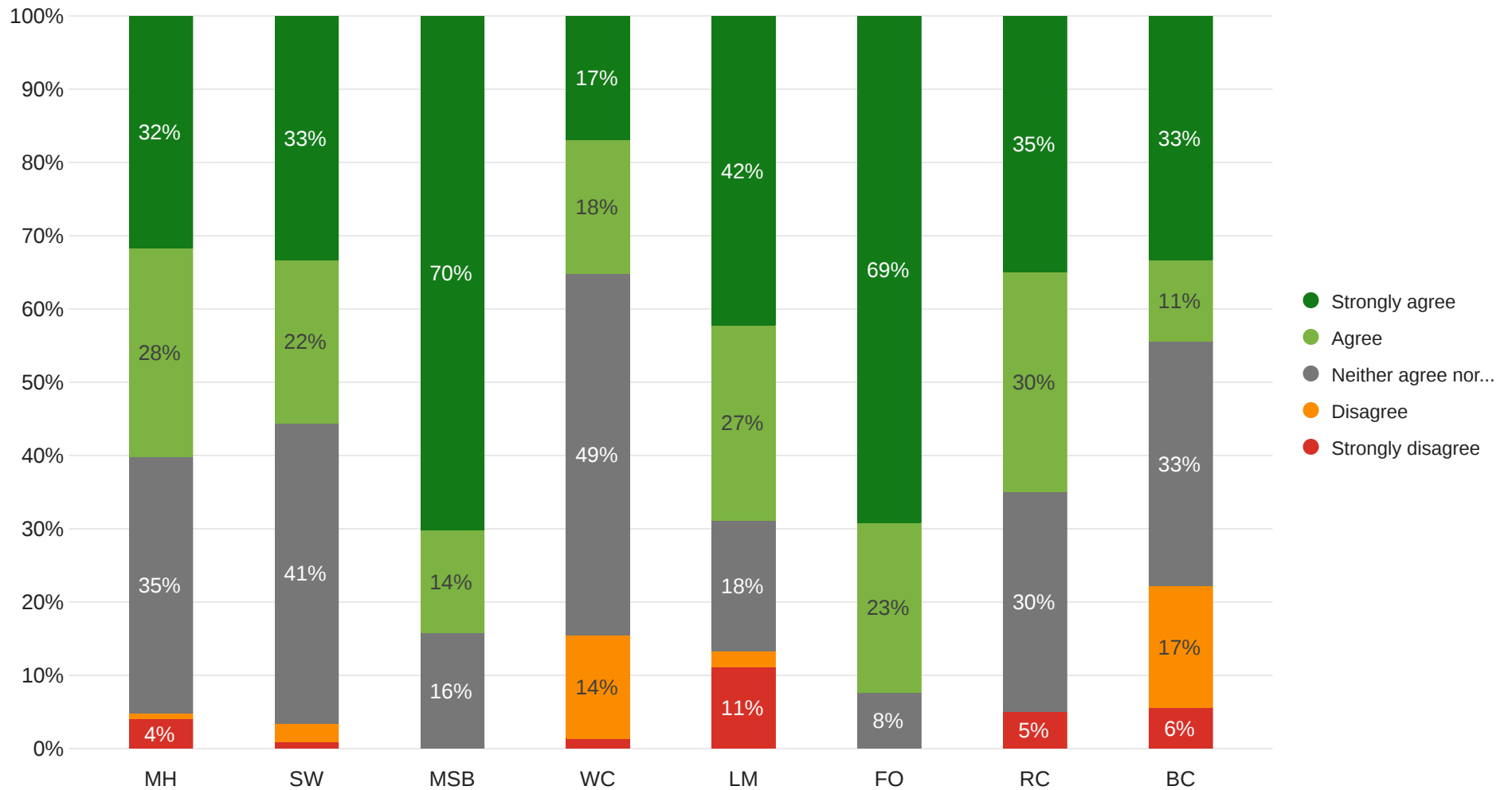
Q9.5 - While many tasks must be performed onsite, would you agree that your department currently provides telework as an option when possible?

ECO sample. Site breakout. Asked of: People involved in recruitment and retention.



## Q9.6 - Do you agree that the option to telework in your department has positively affected recruitment and retention among current and prospective employees?

ECO sample. Site breakout. Asked of: People involved in recruitment and retention.

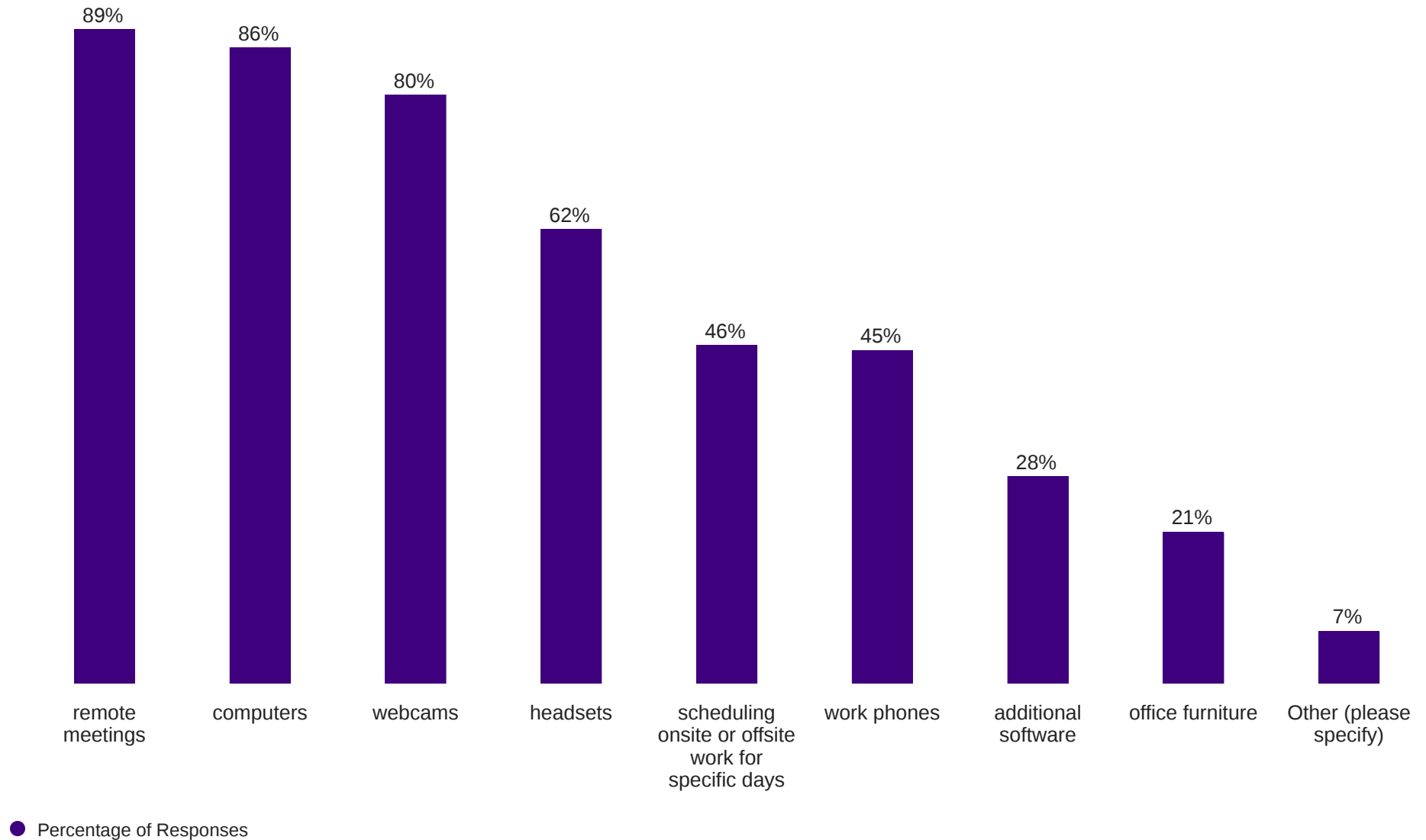




## Q9.7 - What strategies do you use to support telework in your department, as requested?

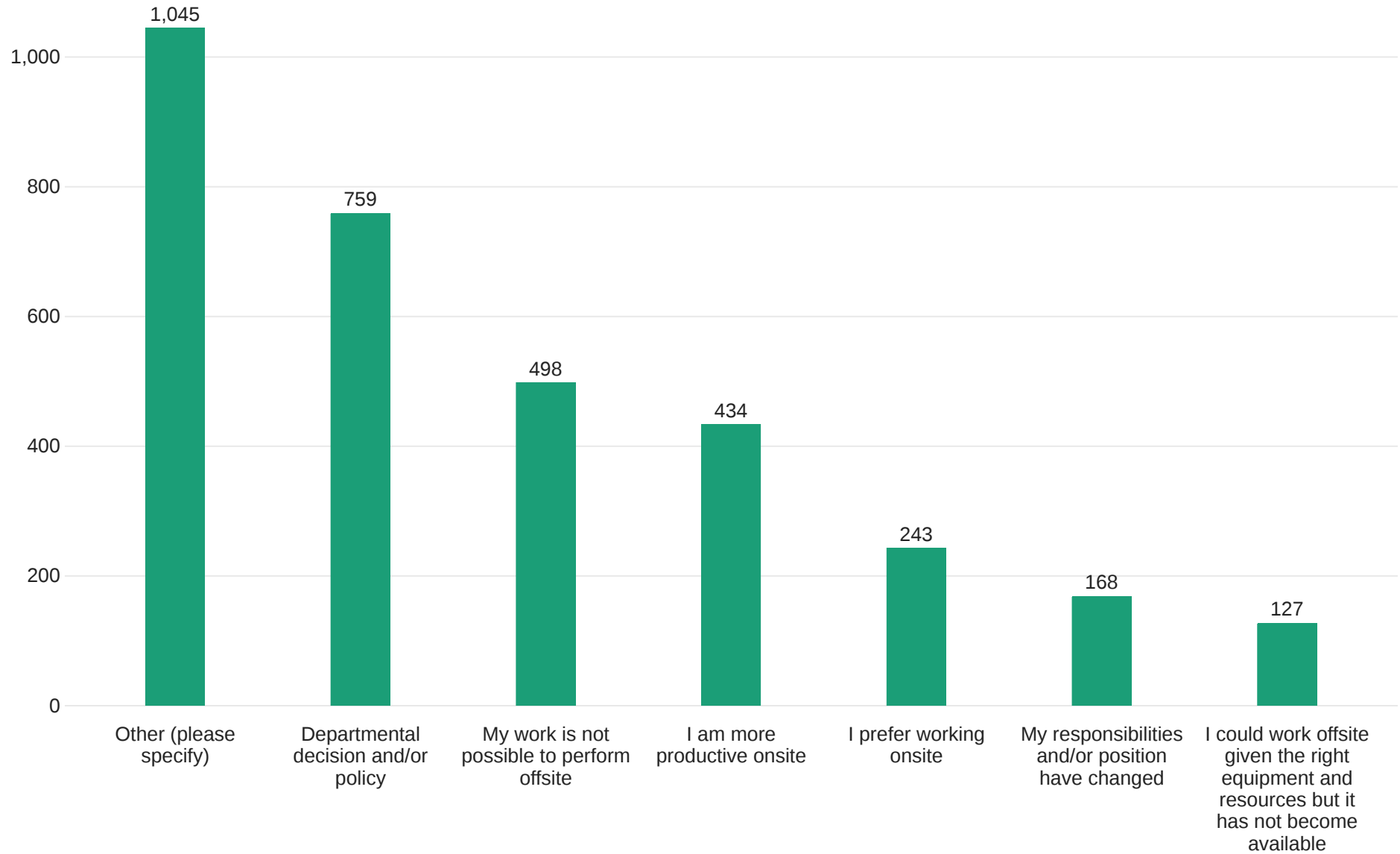
Select all that apply.

ECO sample. All sites. Asked of: People involved in recruitment and retention. Unweighted.



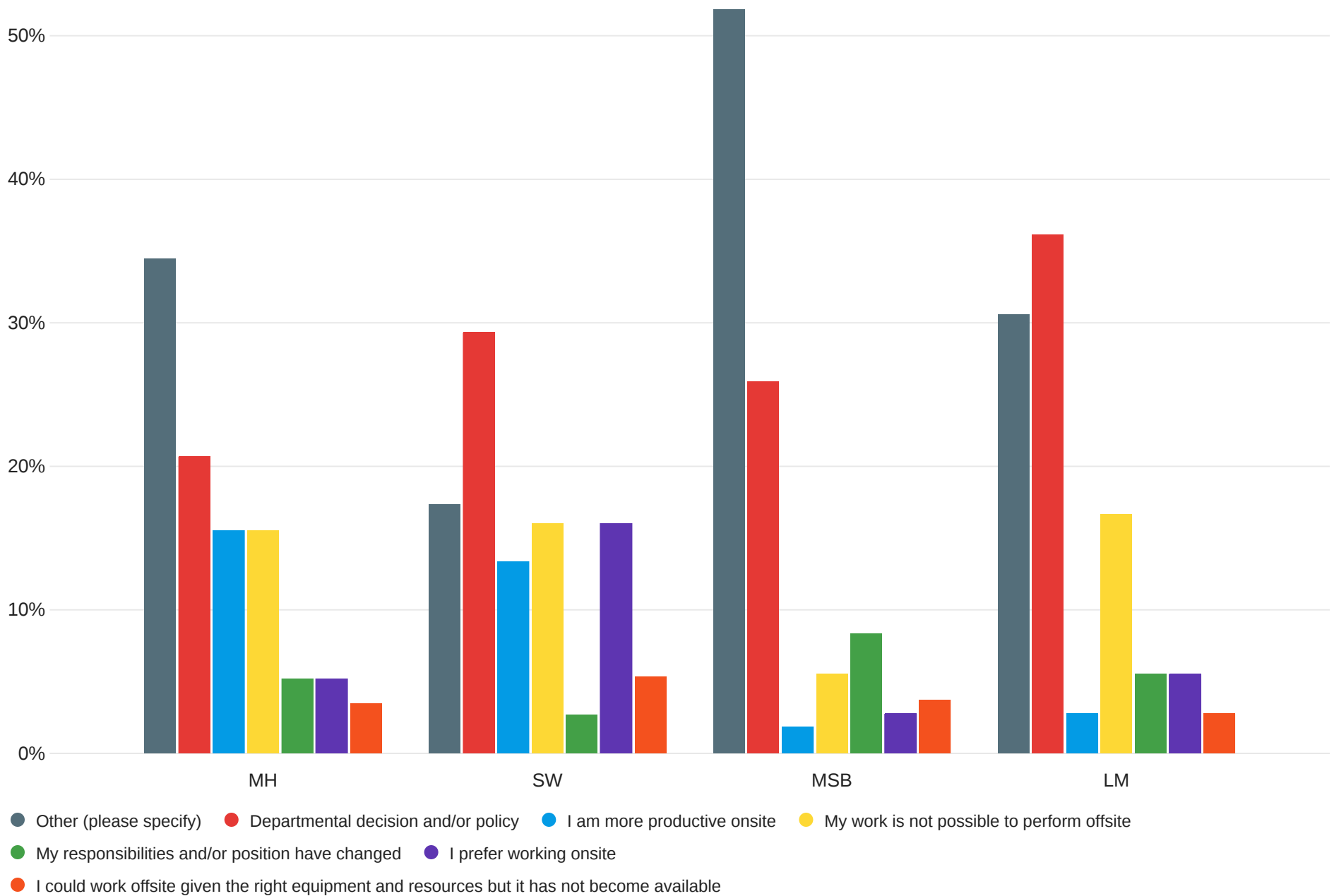
### Q10.1 - Please select reasons for returning to working onsite that best reflect your experience.

Asked of: People who previously but no longer telework. ECO sample. Site breakout.



● Choice Count

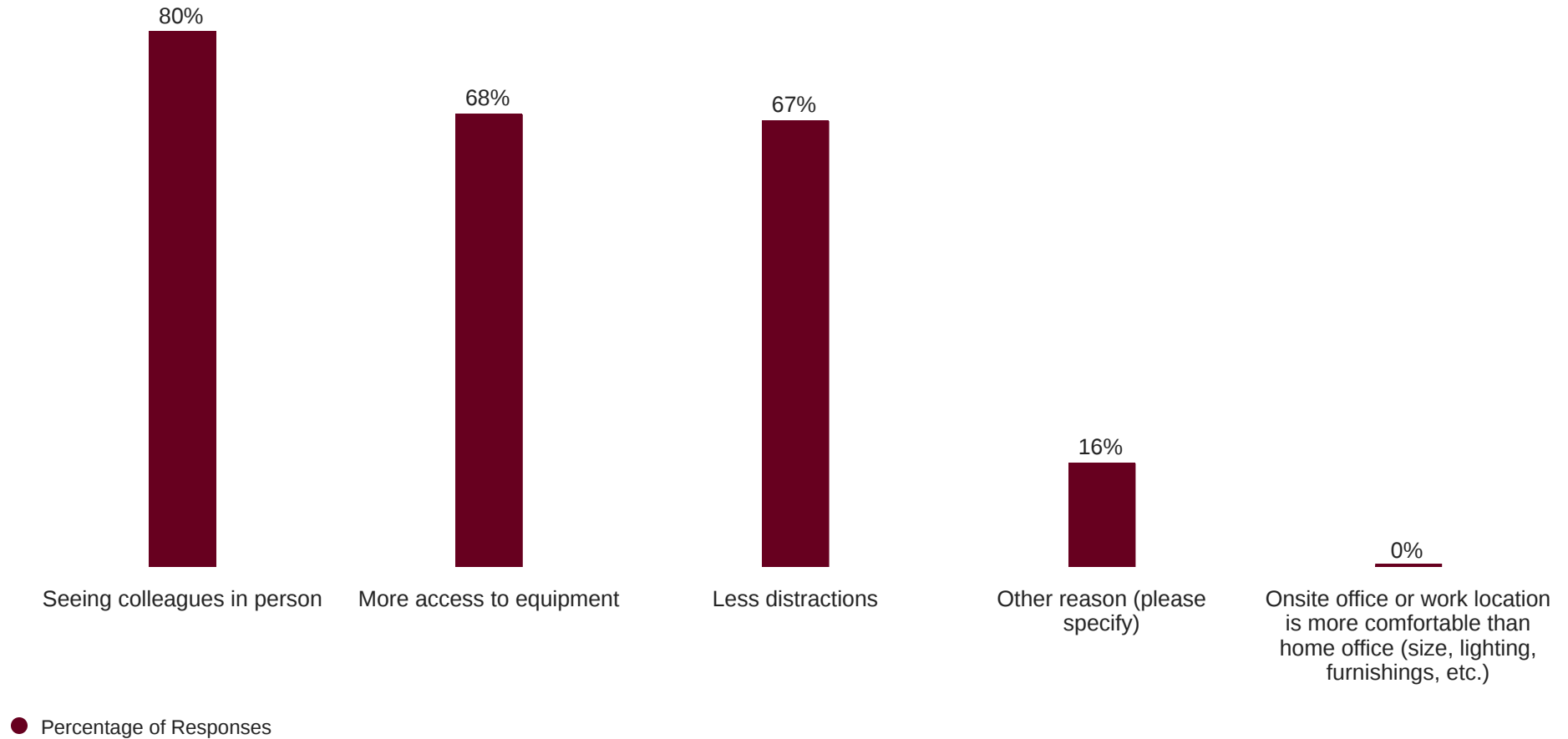
Q10.1 - Please select reasons for returning to working onsite that best reflect your experience.



## Q10.2 - What do you prefer about working onsite?

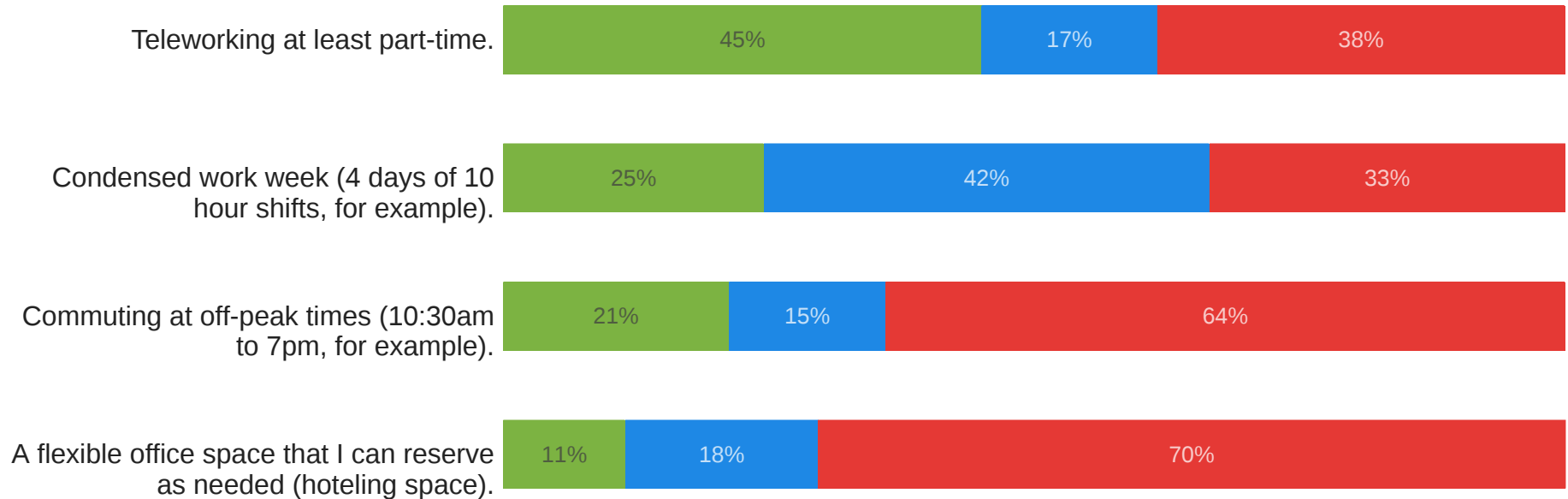
Asked of: People who responded they prefer working onsite in Q10.1

Weighted.



### Q10.3 - Are you interested in any of the following long term strategies?

ECO Sample. Weighted. Not asked of people who full time telework.



● Currently use as needed   ● Interested but do not yet use   ● Not interested or not possible in my role

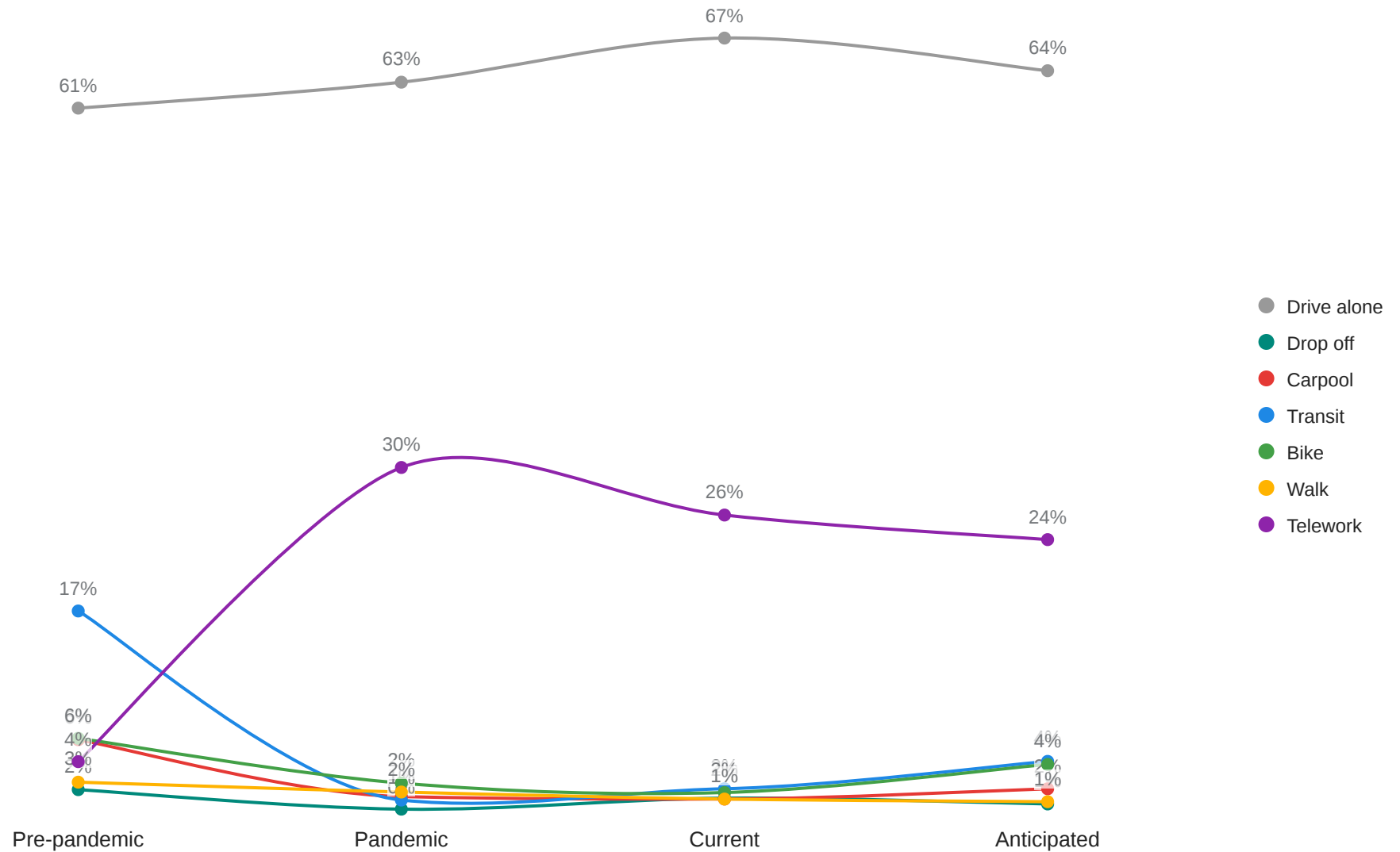
2022 CENSUS  
KEYFINDINGS

# DRIVING AND PARKING

**Q2.2 -****What travel modes did you regularly take previously and/or expect to regularly take in the future?**

Filter: ECO qualified people who commute to MH or SW and who report drive alone as their primary and secondary mode

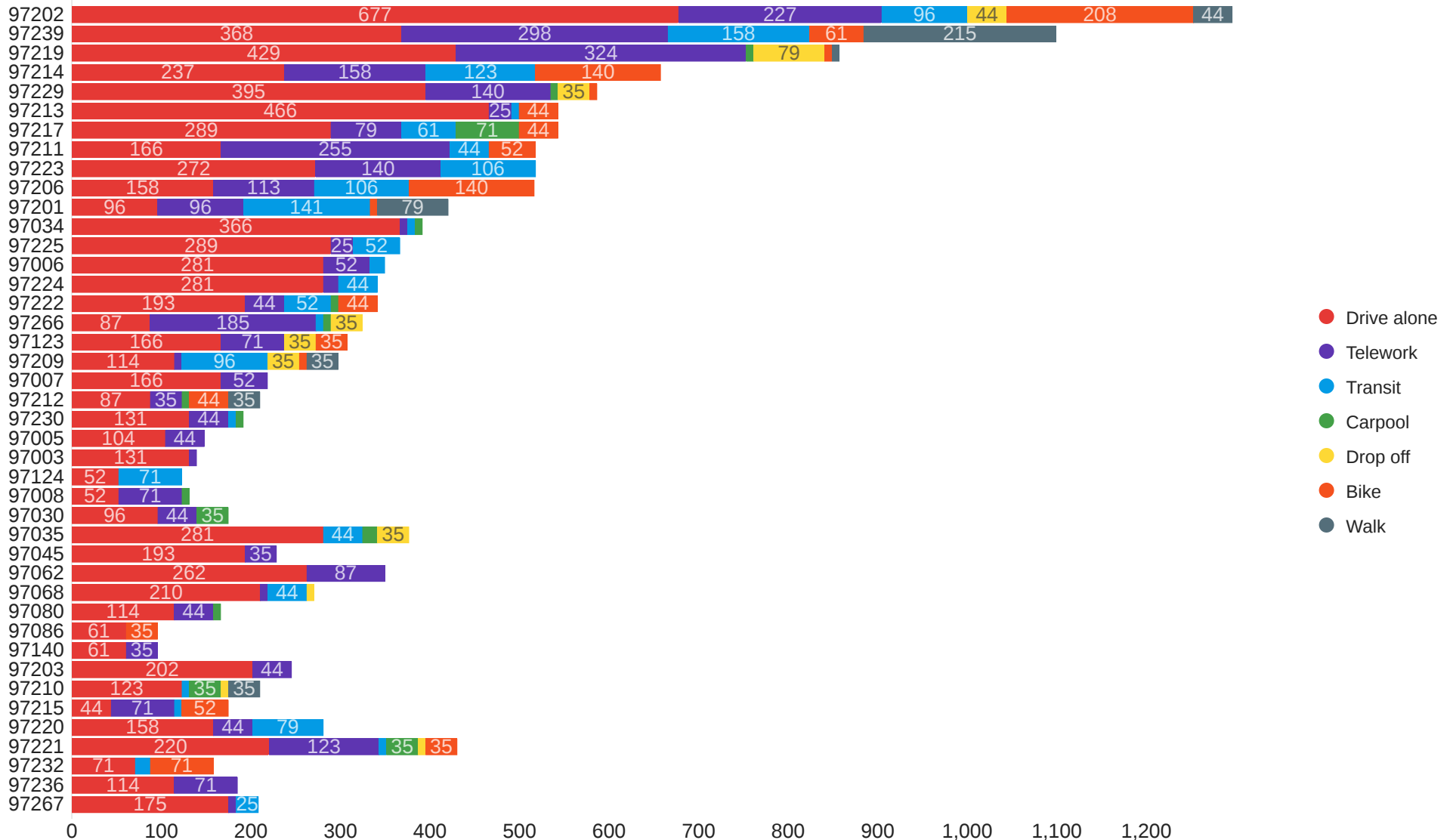
Weighted.



## Primary modes to MH, SW by zipcode.

Estimated total employees. ECO Sample. Weighted estimated total.

The largest concentration of drivers (and commuters generally) live in inner SE Portland in 97202 (Brooklyn/Sellwood).

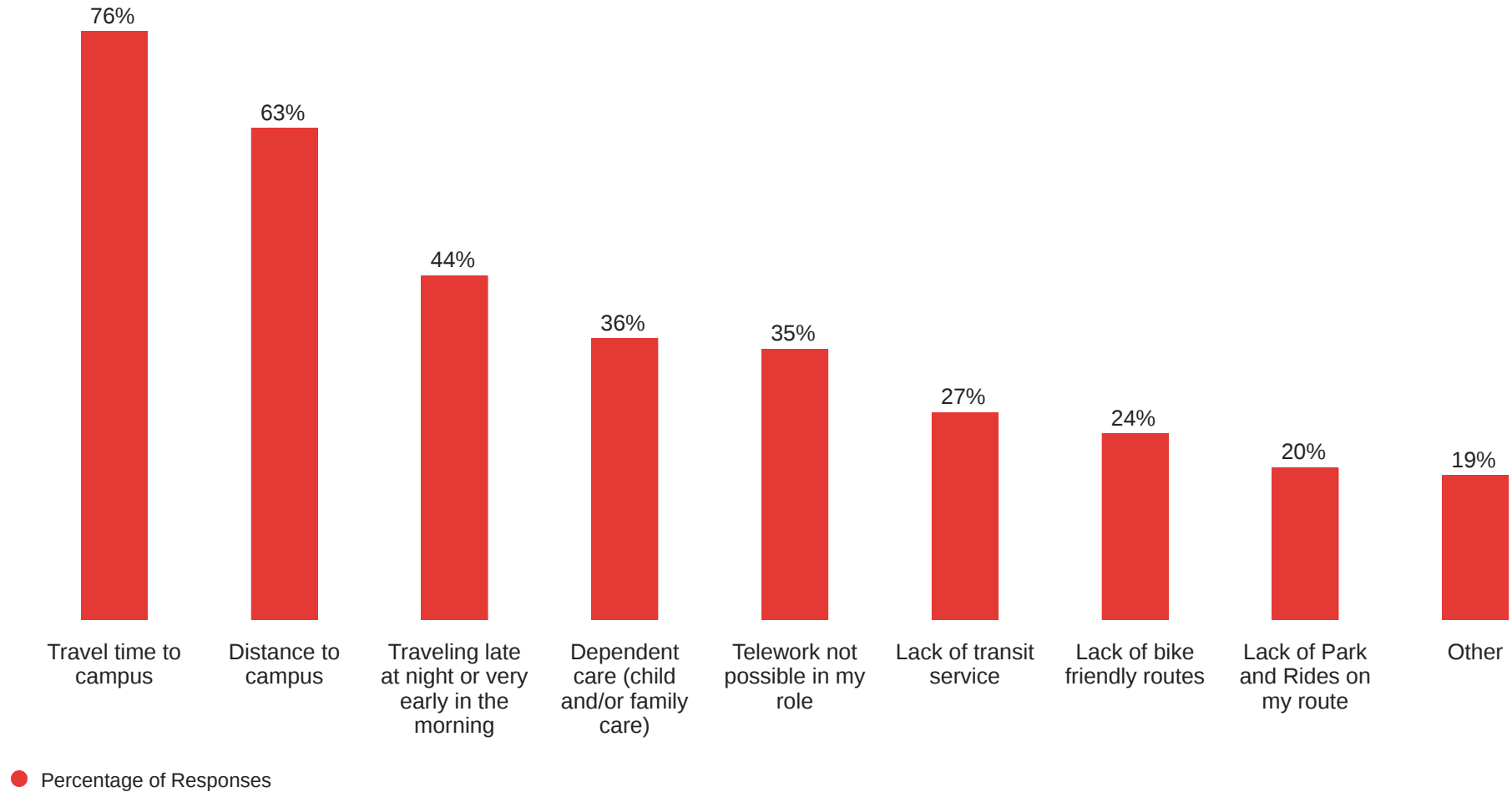




## Q5.2 - What barriers prevent you from using alternatives to driving?

Filter: People who report drive alone as their primary and secondary mode and commute to MH or SW

Asked of: People who park in an OHSU parking facility



# Wage Based Daily Parking Report

## 2022 Census

### Q5.2 - What barriers prevent you from using alternatives to driving?

Wage Based Daily Parking breakout: Aware and assisted commute / Aware and NOT assisted commute / Not aware



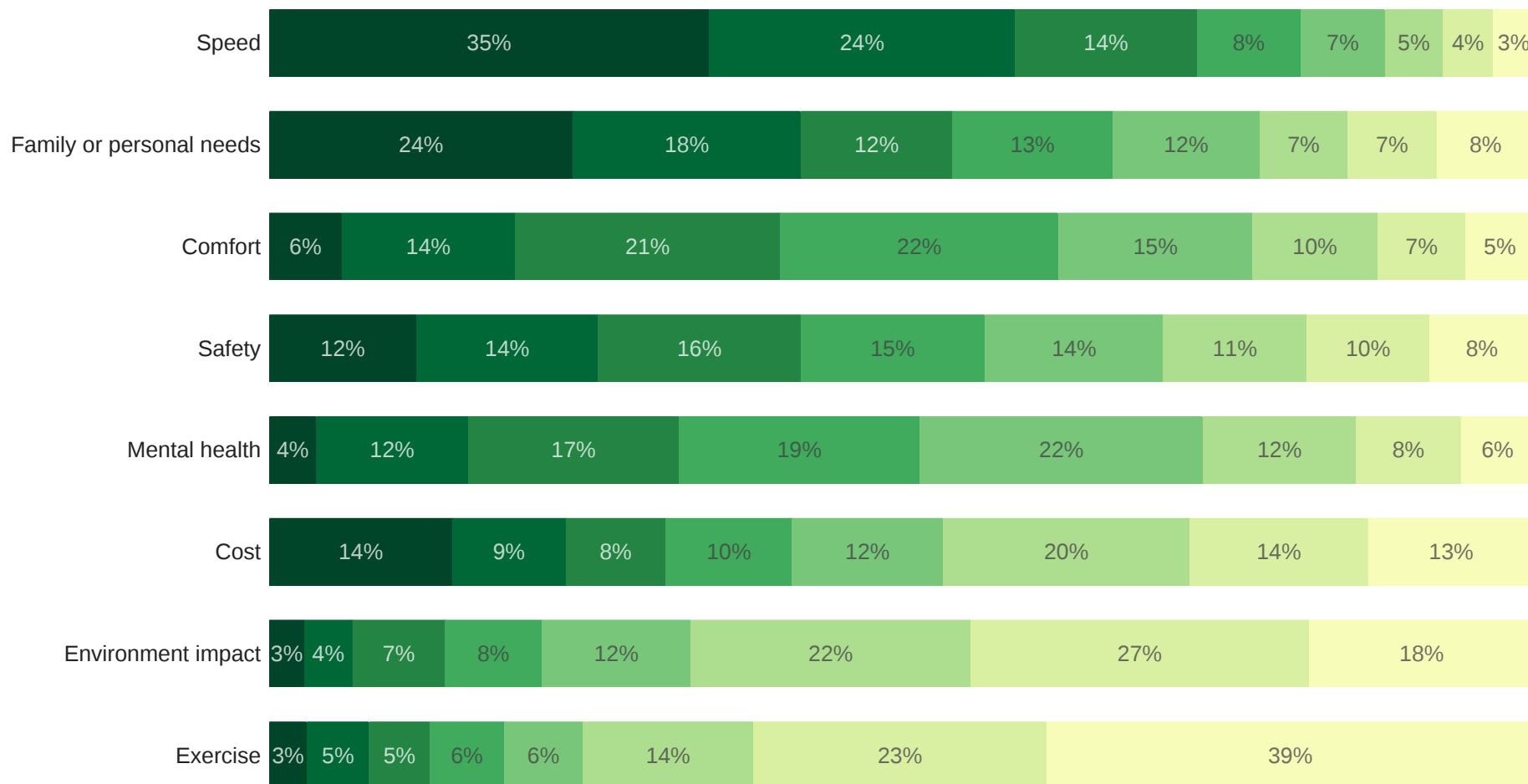
● I was not aware of this program    ● I'm aware of the program but it has not assisted my commute.    ● This has assisted my commute

## Q2.6: Please rank how the following affect your current experience commuting or teleworking.

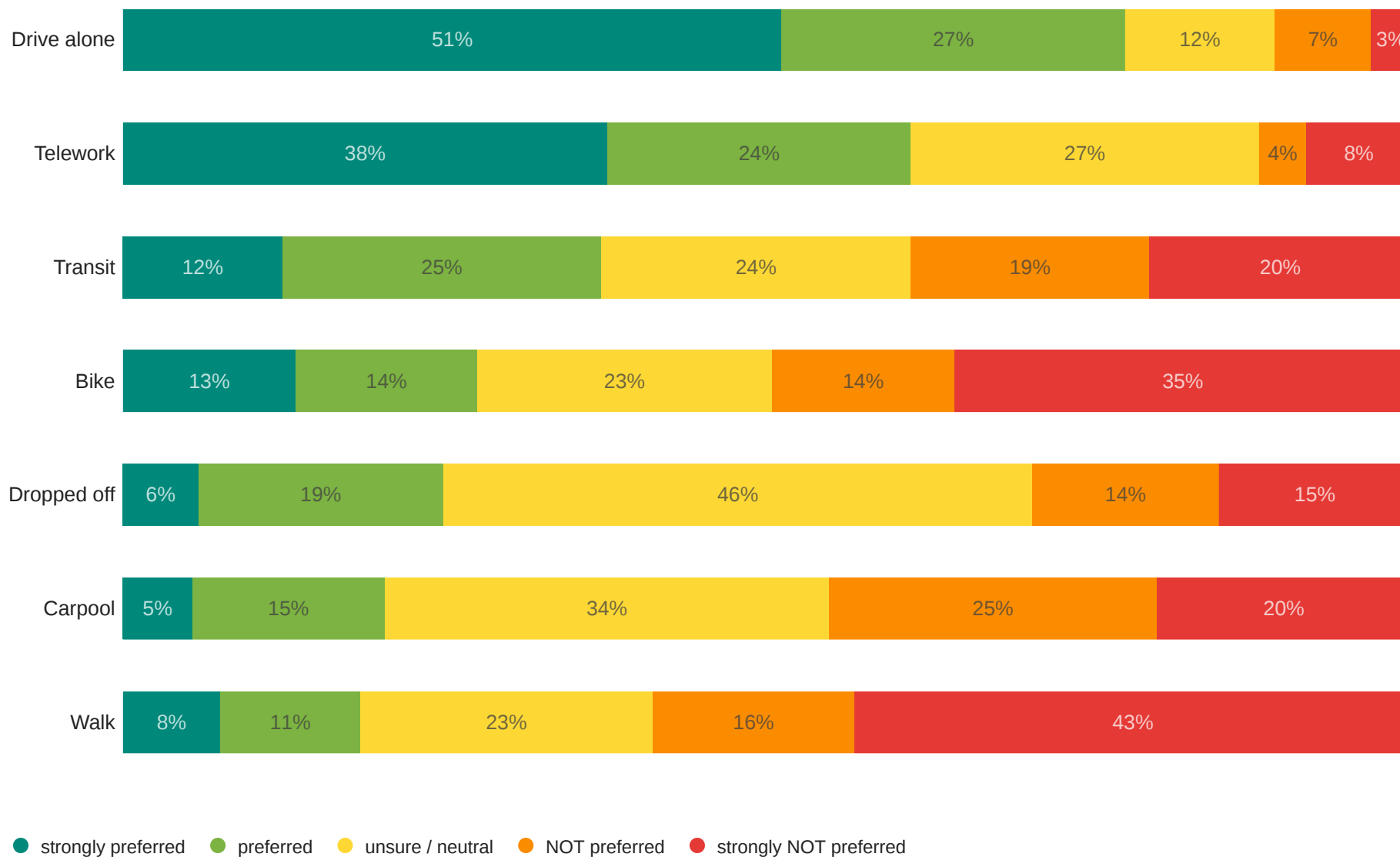
1 means this is the primary reason you are choosing your current commute.

8 means this is not a priority in your commute choice (this may still be important to you outside of your commute).

*FILTER: People who have used Wage Based Daily Parking*



### Q3.4 - Provided the right resources and conditions, what would be your preferred commuting options? *Filter: People who say Wage Based Daily Parking assisted their commute.*



Double click to edit

# TEXT COMMENTS ANALYSIS

Text responses are processed via the TextID tool which adds tags based on word search queries.

Comments may have multiple tags.

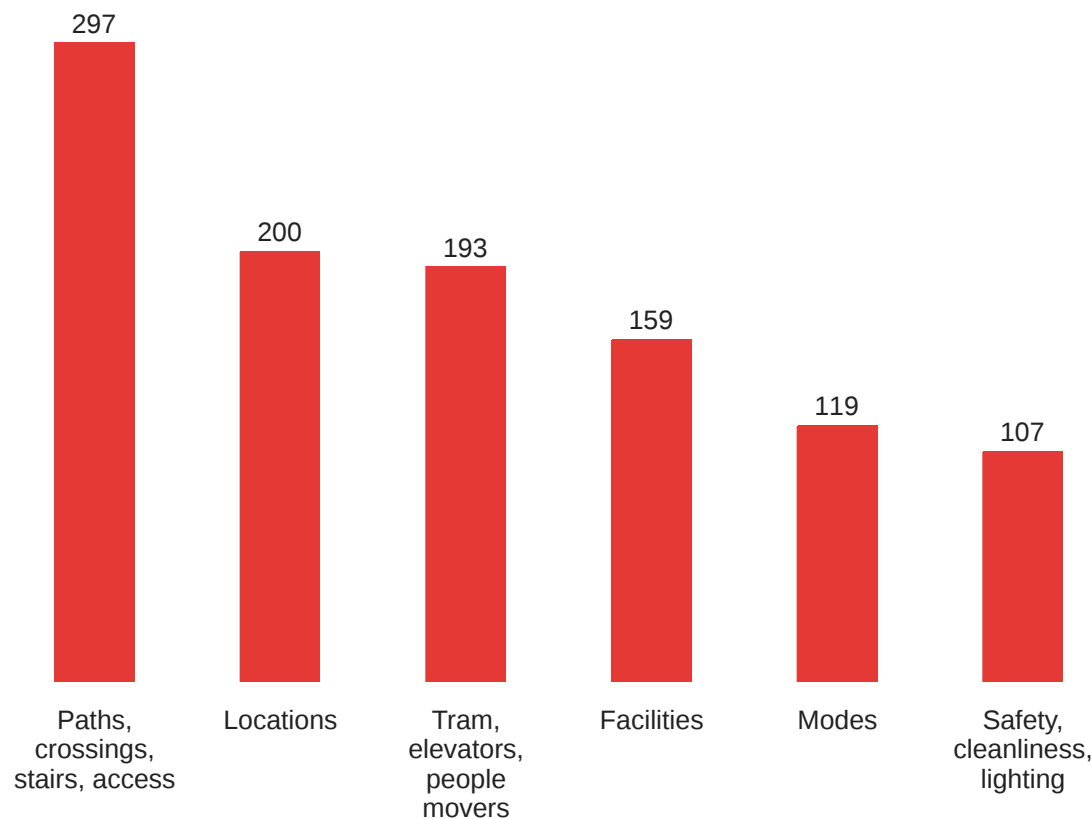
Text in this report is not weighted or filtered by random sample.

Comments have not been qualitatively evaluated as positive, negative, constructive, etc.

Below charts only include the categories of text responses and do not include multiple choice responses.

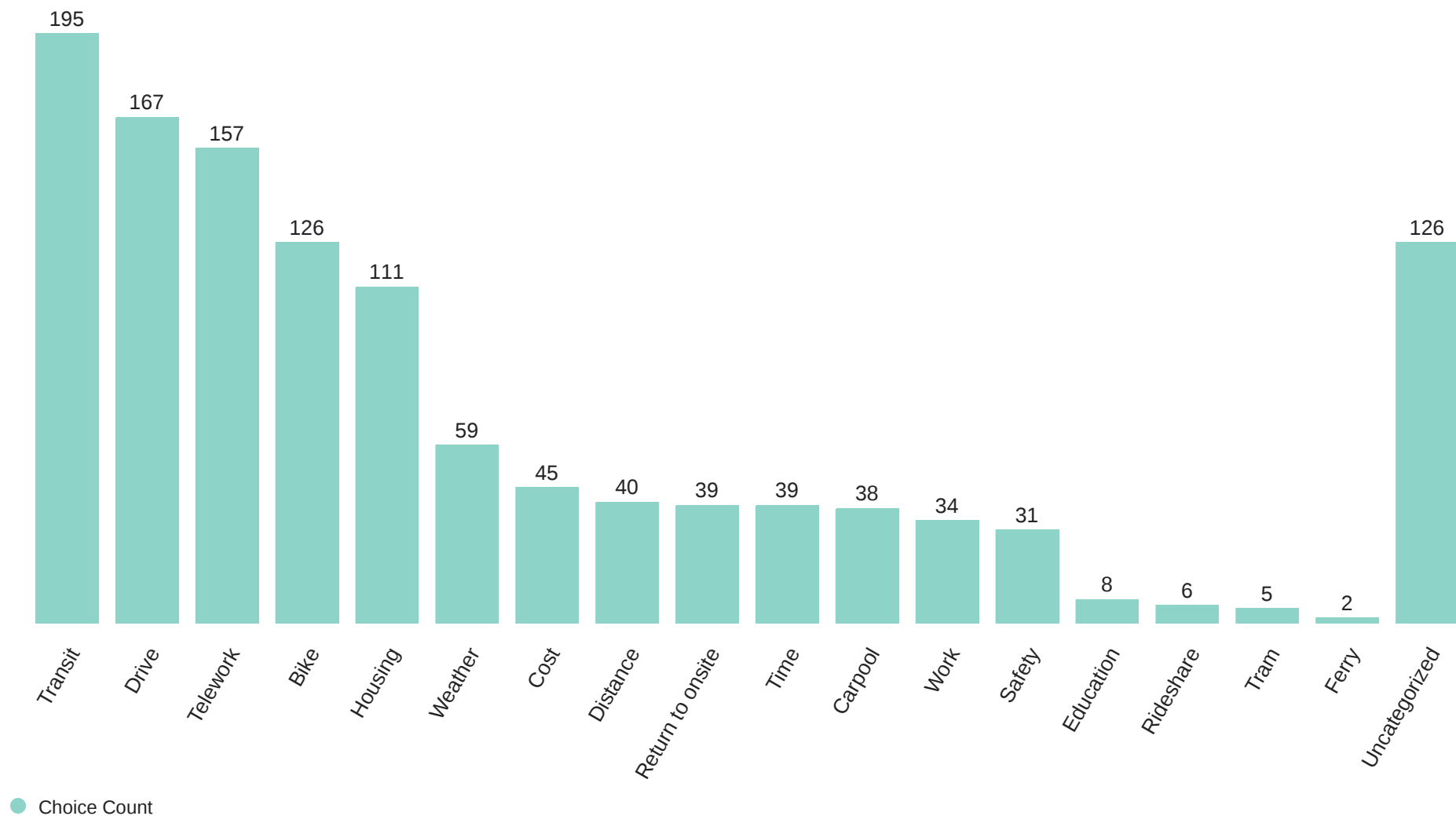
Field	Choice Count
Elevator	184
Crosswalk	122
Parking facility	104
Trail	101
Bridge	66
Car	63
Sidewalk	63
Stairs	60
Campus	56
Tram	54
Lighting	49
Marquam Hill	49
Safety	44
Bike	41
Unknown	39
Waterfront	31
Transit	30
Cleanliness	26
CEI	24
Gibbs	17
Sam Jackson	16
Terwilliger	16
Accessibility	15
Marquam Plaza	13
Intersection	11
Location	11
Downtown	9
Tunnel	6
Beaverton	5
Gaines	4
Tripping hazard	4

**Q7.2 - How would you rate walking facilities near your worksite (including streets and sidewalks directly adjacent to buildings)? Could you specify the location in need of improvement and, briefly, the concern?**



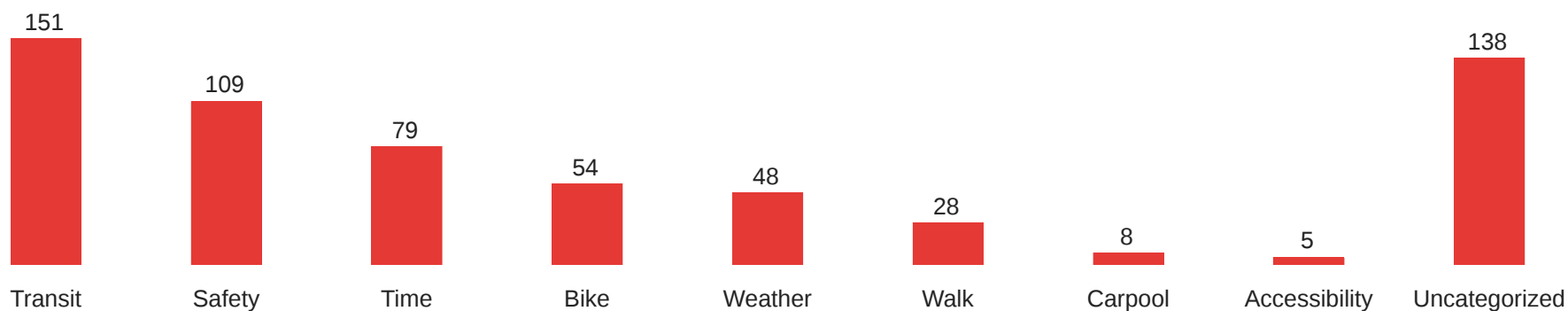
## Q2.3 - If your current commute option and the option you anticipate you will be using in the future are different, please briefly describe why.

Respondents mentioning text topics



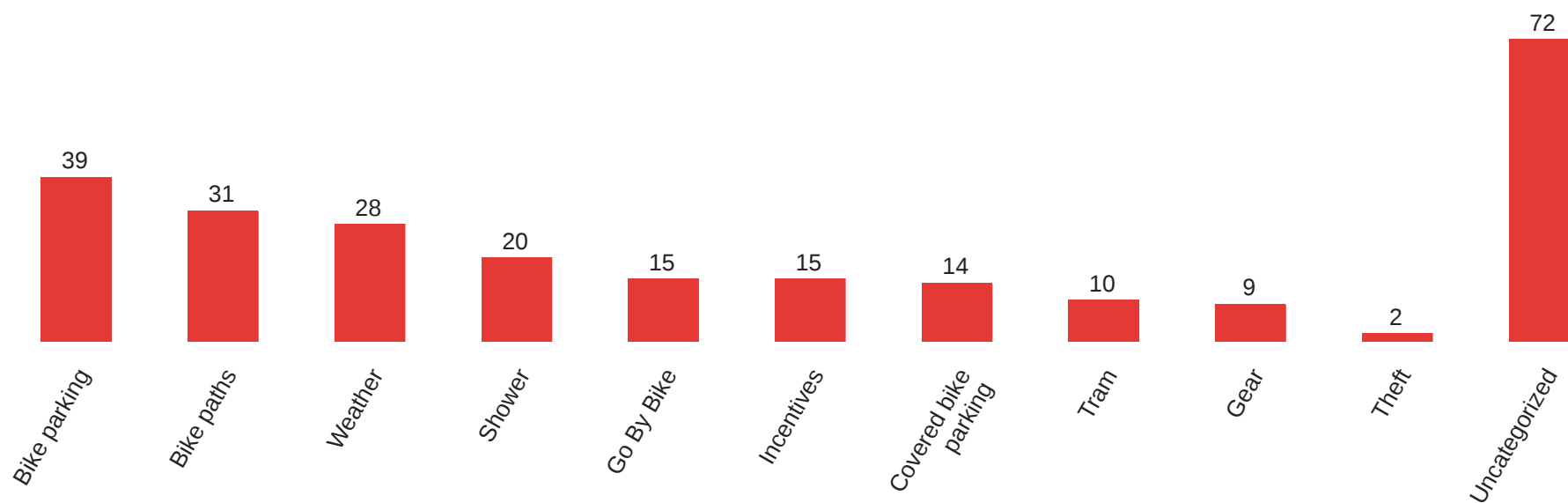
## Q5.2\_9\_What barriers prevent you from using alternatives to driving?

Respondents mentioning text topics - not actual barriers



## Q6.1\_10\_Would you like to provide more details about your needs for biking?

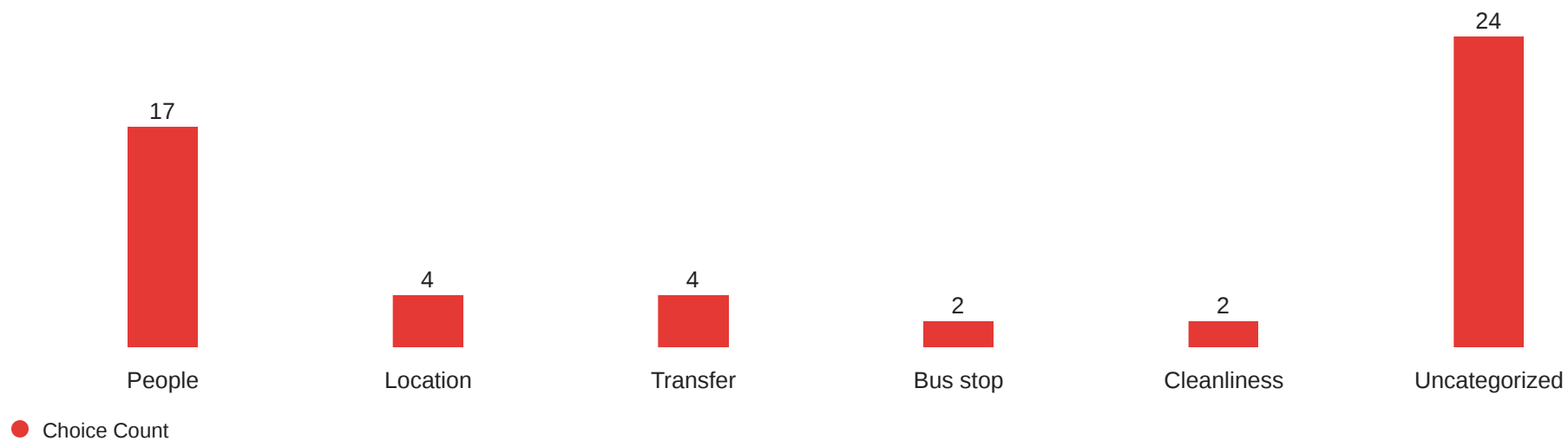
Mentions of topics





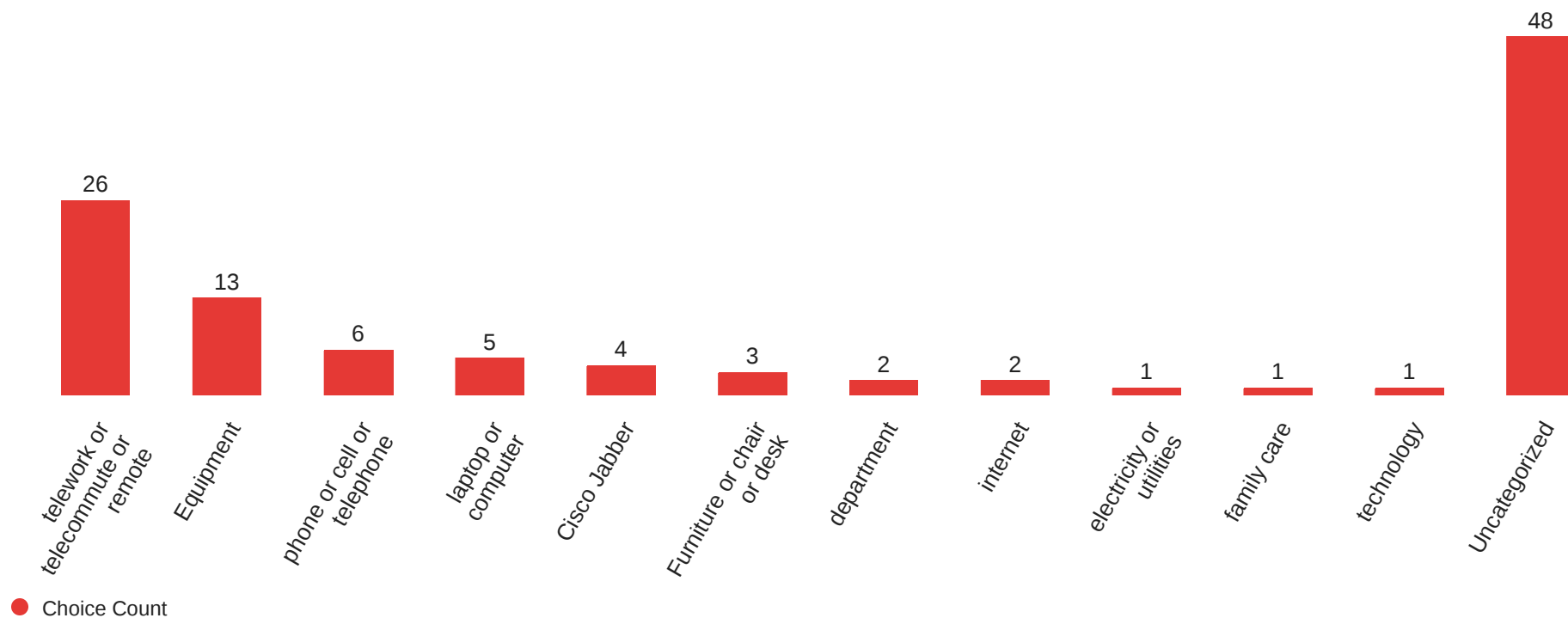
## Q8.5.2 - Do any of the following safety issues affect whether you choose to ride transit?

Mentions text topics



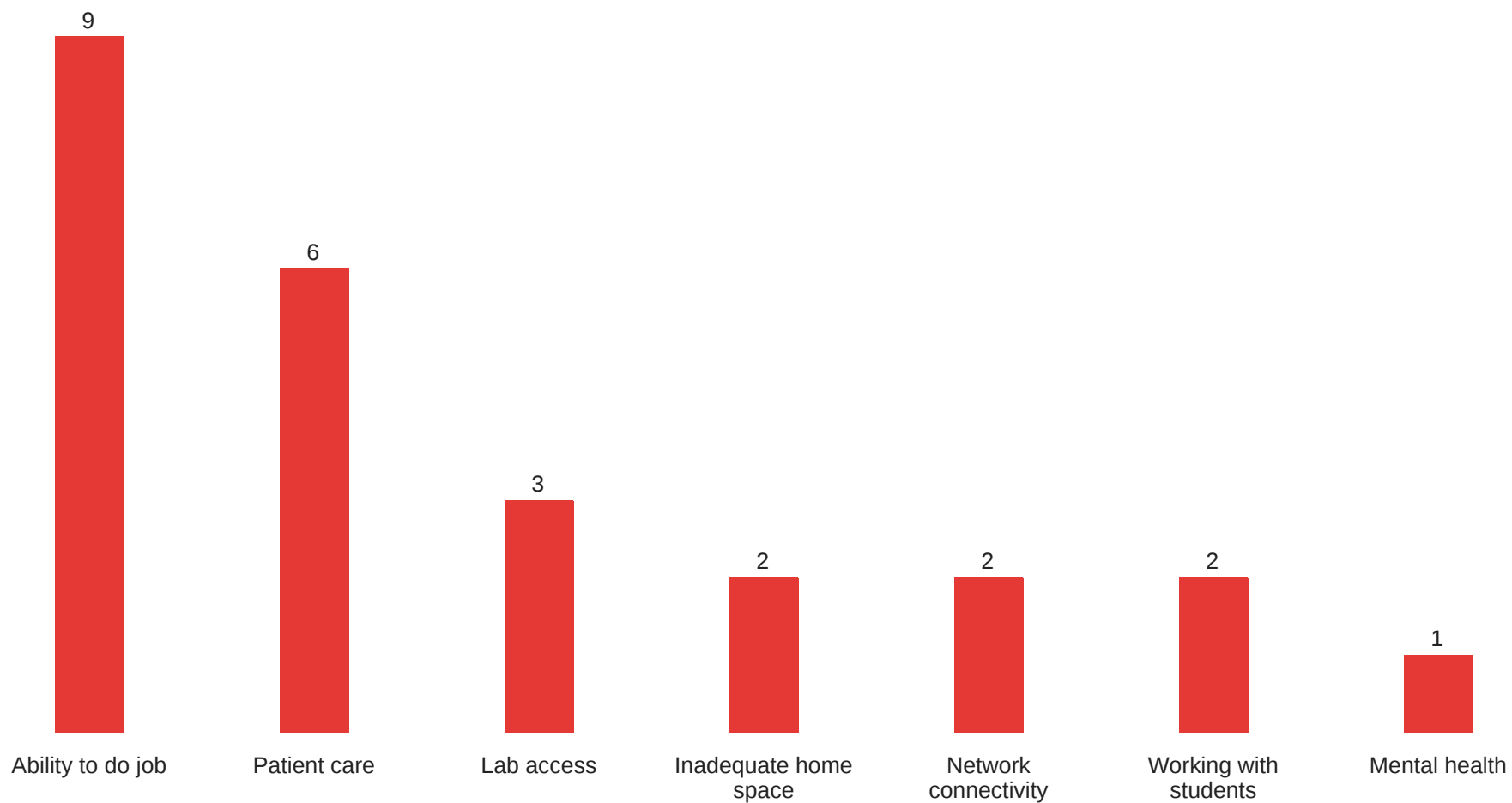
Q9.7 - What strategies do you use to support telework in your department, as requested? Select all that apply.

Mentions of text topics

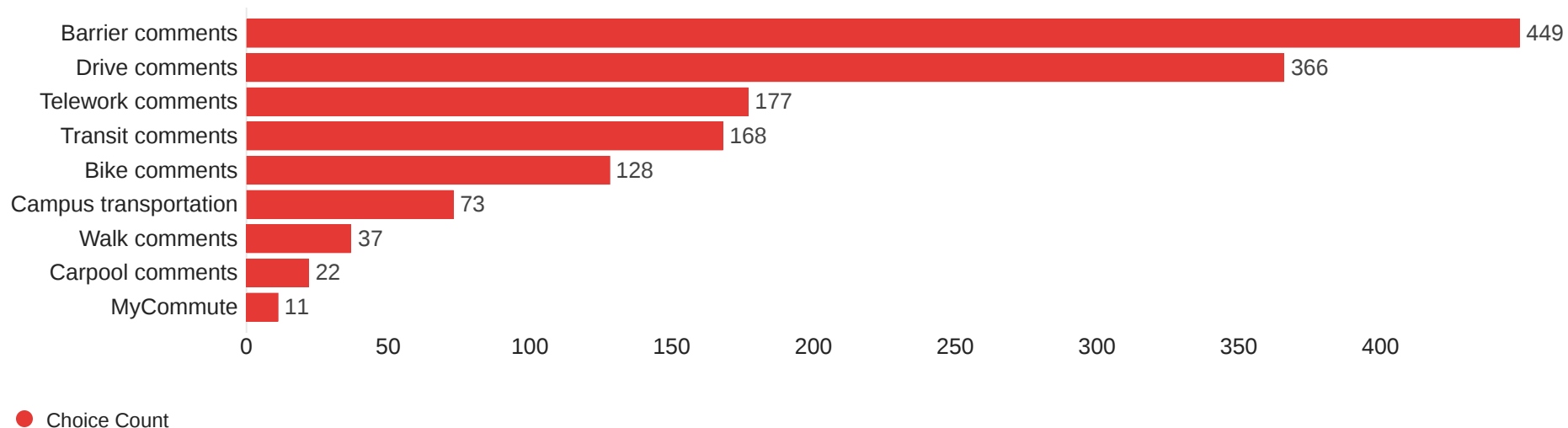


## Q10.2\_5\_What do you prefer about working onsite?

Mentions of text topics



Q12.2 - If you have any further feedback on how OHSU can support your commuting, please briefly describe below.





Campus Access and Commute Services  
3310 SW US Veterans Hospital Rd.  
Portland, OR 97239

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V:12-20-2022