

Voices of the Region

Survey Results

Transportation Planning Board
Community Advisory Committee

Presentation Karen Armendariz and John Swanson
March 11, 2021

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Survey Methodology

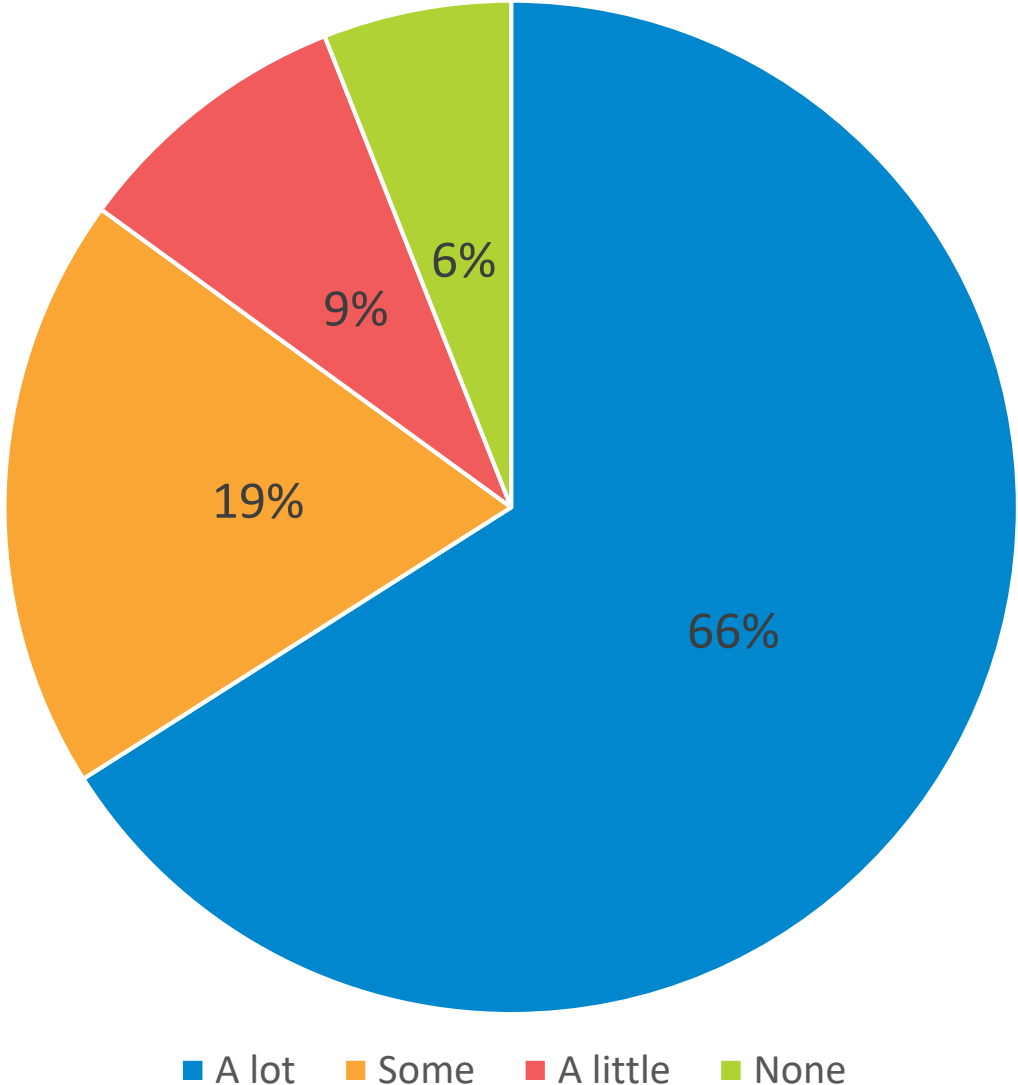
- Representative survey of the region
 - Target of 2,000 completed surveys
 - 200 in each of ten sub-areas
- Randomly-drawn address-based sample
- Three mailed contacts with web link included; \$1 pre-incentive
- Achieved 2,407 completes
- Final response rate of 11.9%
- Margin of error of +/-2.5% at 95% confidence.

Survey Results

Changes in General Travel

Change in General Daily Travel Since the Beginning of the Pandemic

S1Q1. *Since the beginning of the COVID-19 pandemic, how much have your daily travel habits changed?*



Two-thirds of respondents report their daily travel habits have changed a lot since the beginning of the COVID-19 pandemic

(n = 2,407)

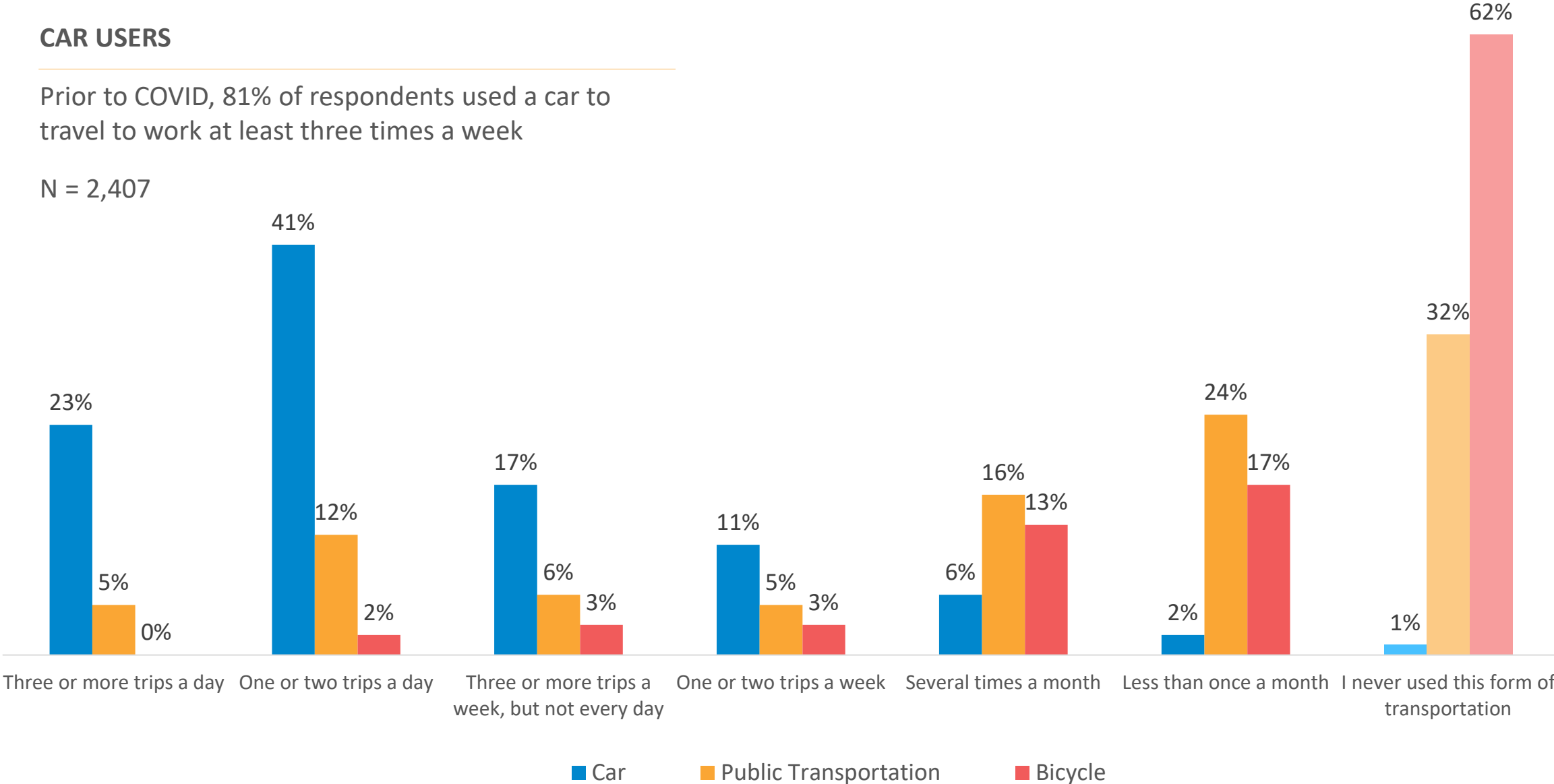
Mode Usage Before the Pandemic

S1Q2/S1Q4/S1Q8. Prior to the COVID-19 pandemic, how often on average did you drive or ride in a car/take public transportation/ride a bicycle?

CAR USERS

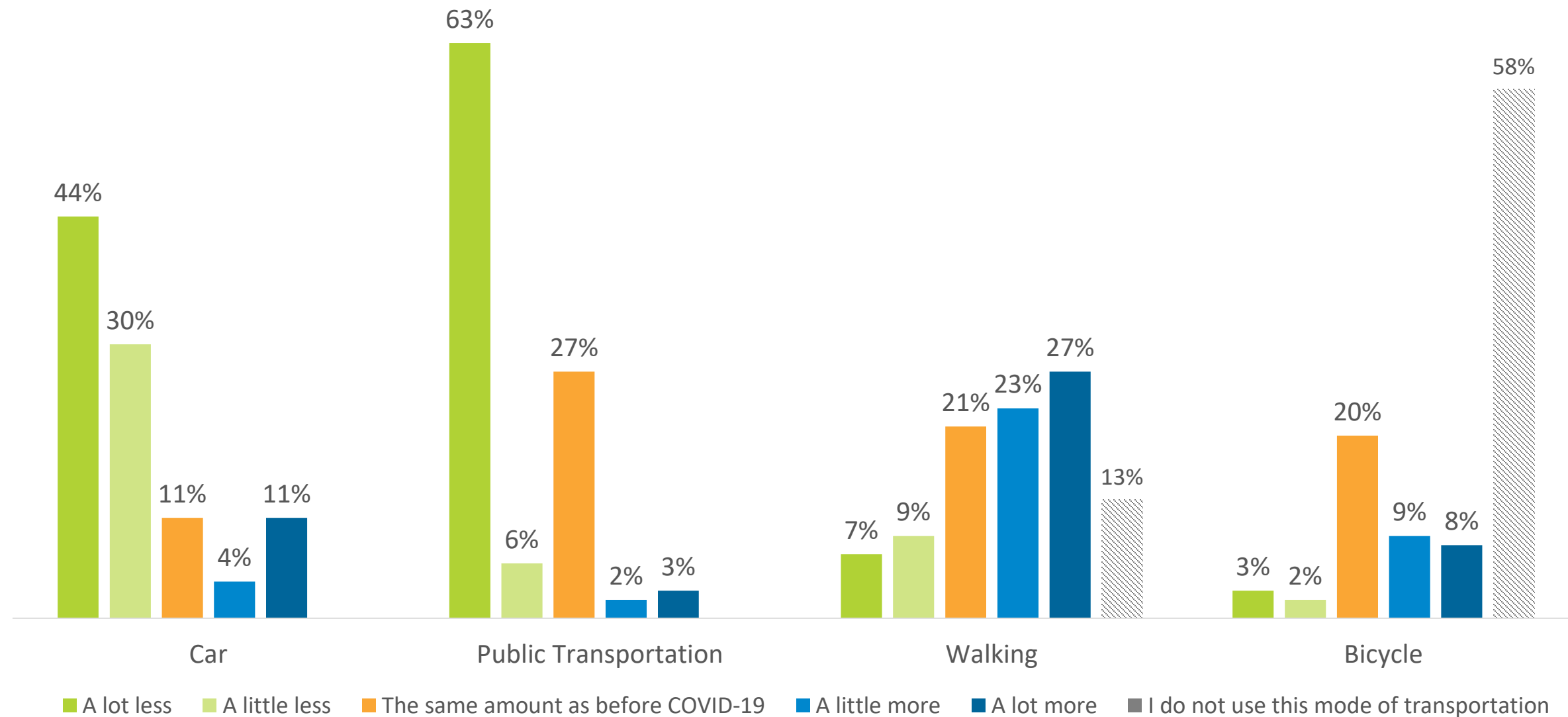
Prior to COVID, 81% of respondents used a car to travel to work at least three times a week

N = 2,407



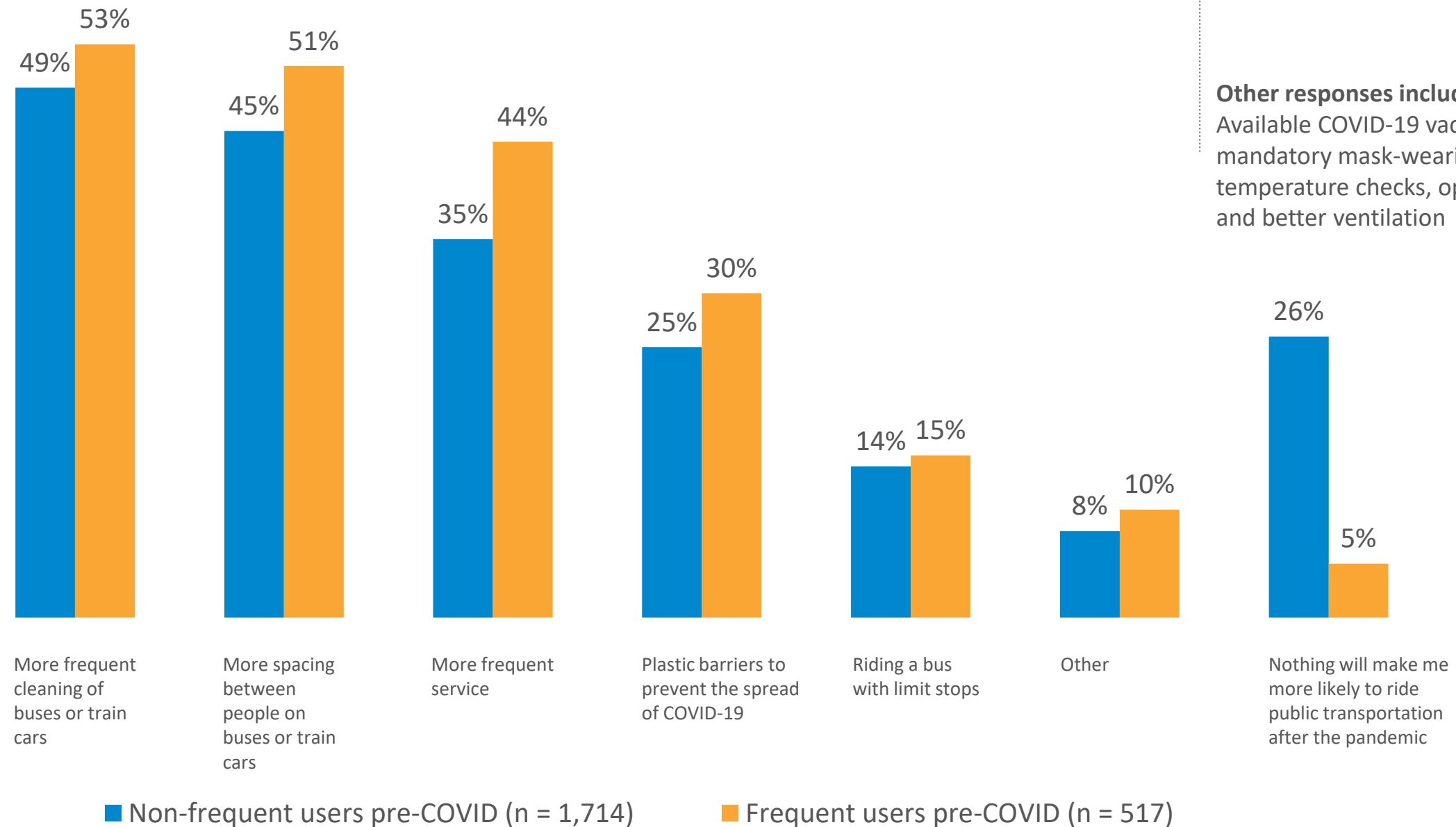
Mode Changes Since the Beginning of the Pandemic

S1Q3/S1Q5/S1Q7/S1Q9. Since the beginning of the COVID-19 pandemic, how much has your car use/use of public transportation/walking/biking changed?



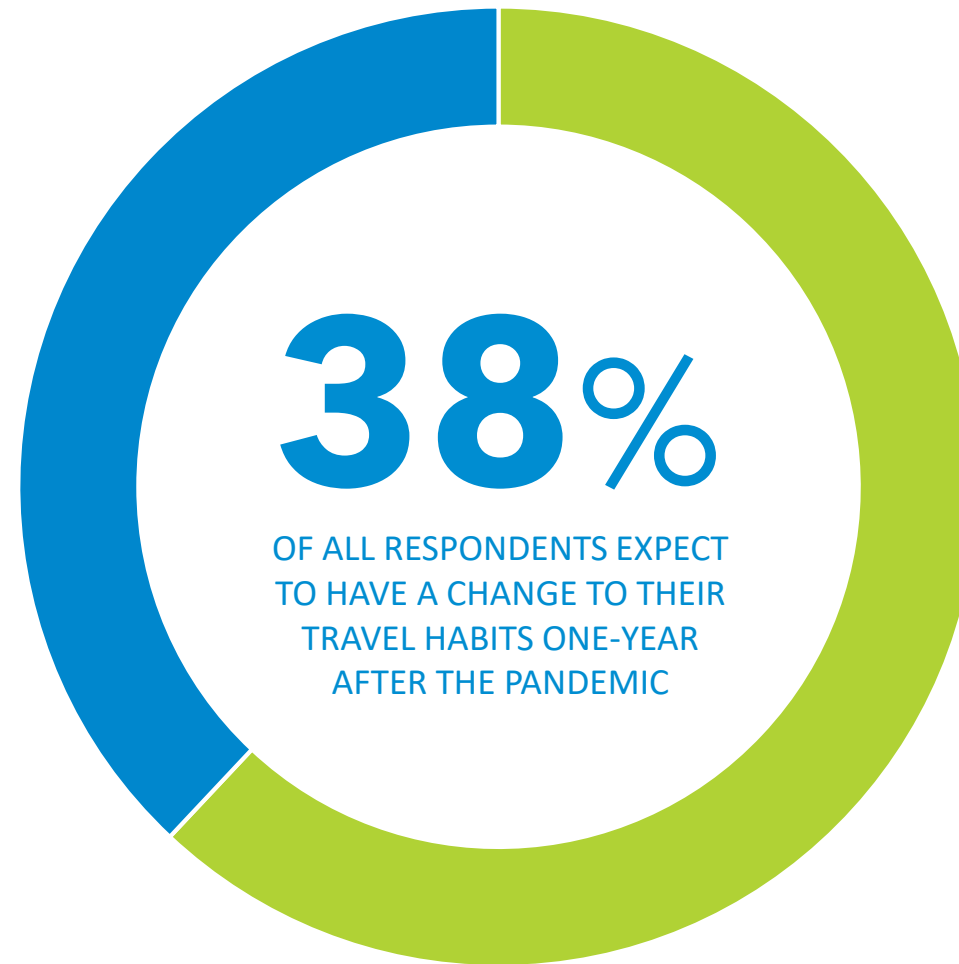
Transit Changes to Encourage Ridership One Year Post-Pandemic

S1Q6. One year after the COVID-19 pandemic is over, which of these changes would make you more likely to use public transportation? (check all that apply)



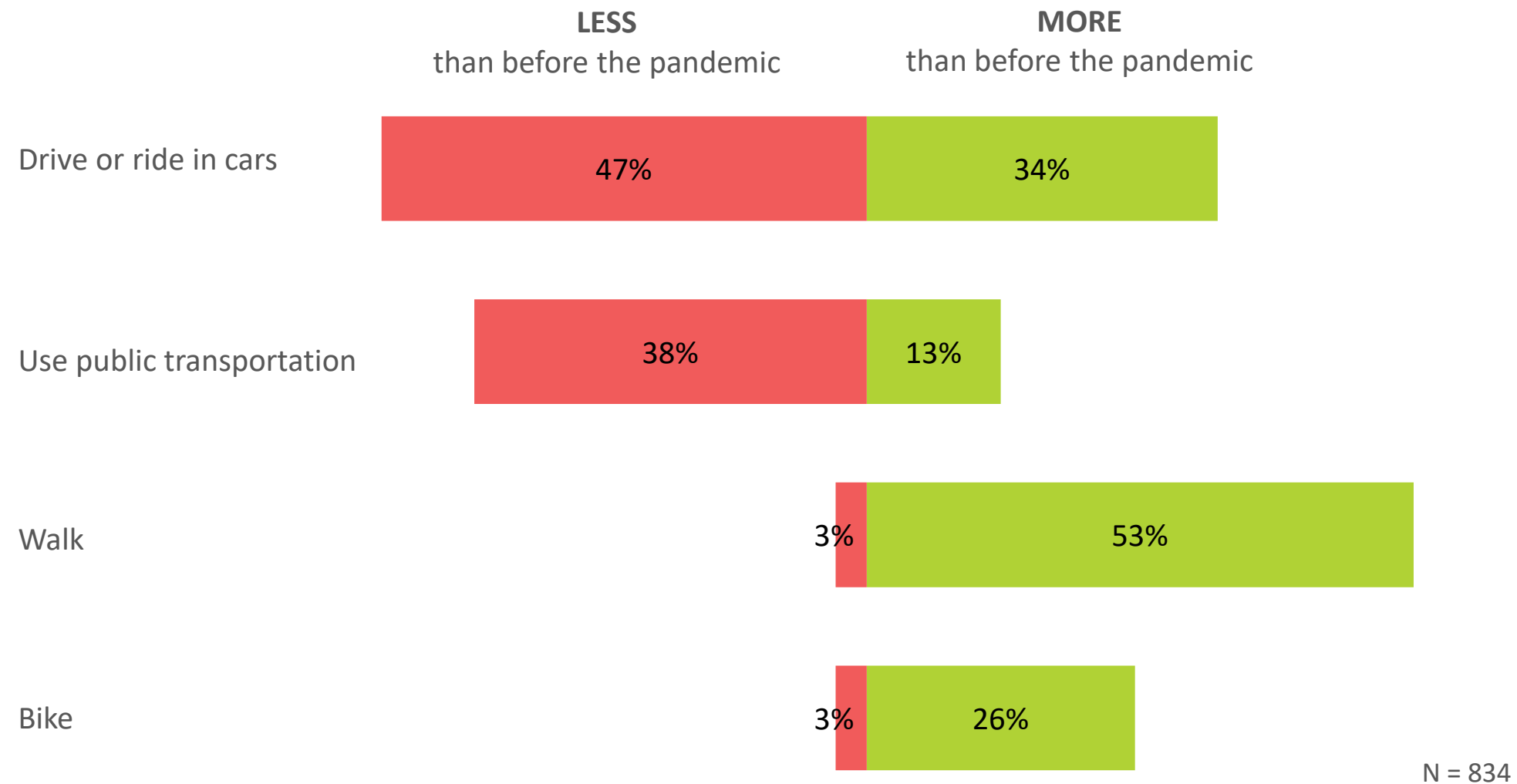
General Travel One Year Post-Pandemic

S1Q10. Please think about your travel habits one year after the COVID-19 pandemic is over. Do you expect that your travel habits will return to your previous pattern before the pandemic?



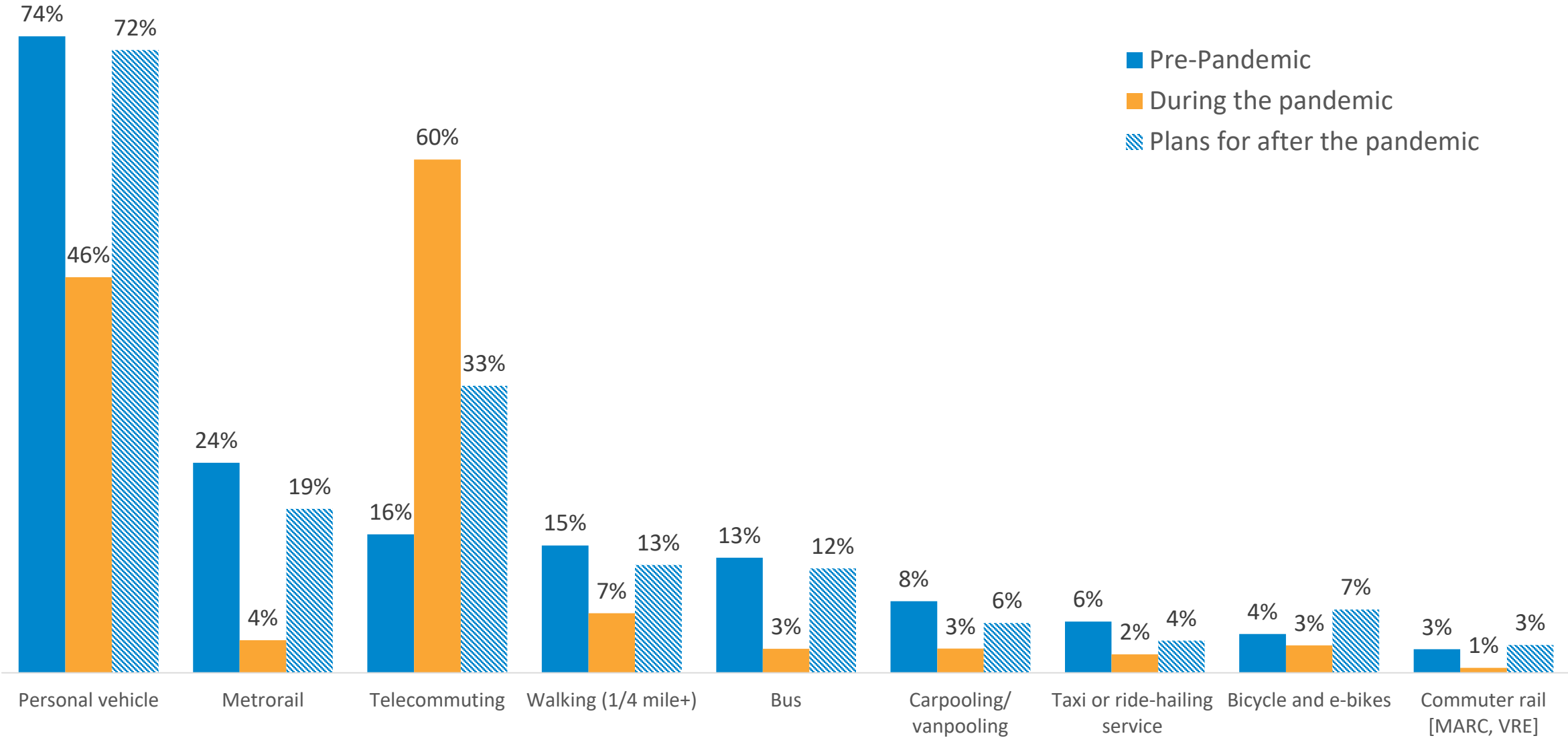
Expected Changes to Travel One Year Post-Pandemic

S1Q11. How do you expect your travel will be different once the pandemic is over? I expect I will... (Select all that apply)



Mode usage for commuting at least 1/week: Before, during, after COVID

S1Q17/S1Q18. *Before/During the COVID-19 pandemic, how did you commute/are you commuting to work or school? Select all modes of transportation that you used/ use at least once a week.*
S1Q19. *How do you expect to commute to work or school one year after the COVID-19 pandemic is over? Select all modes of transportation that you expect to use at least once a week*

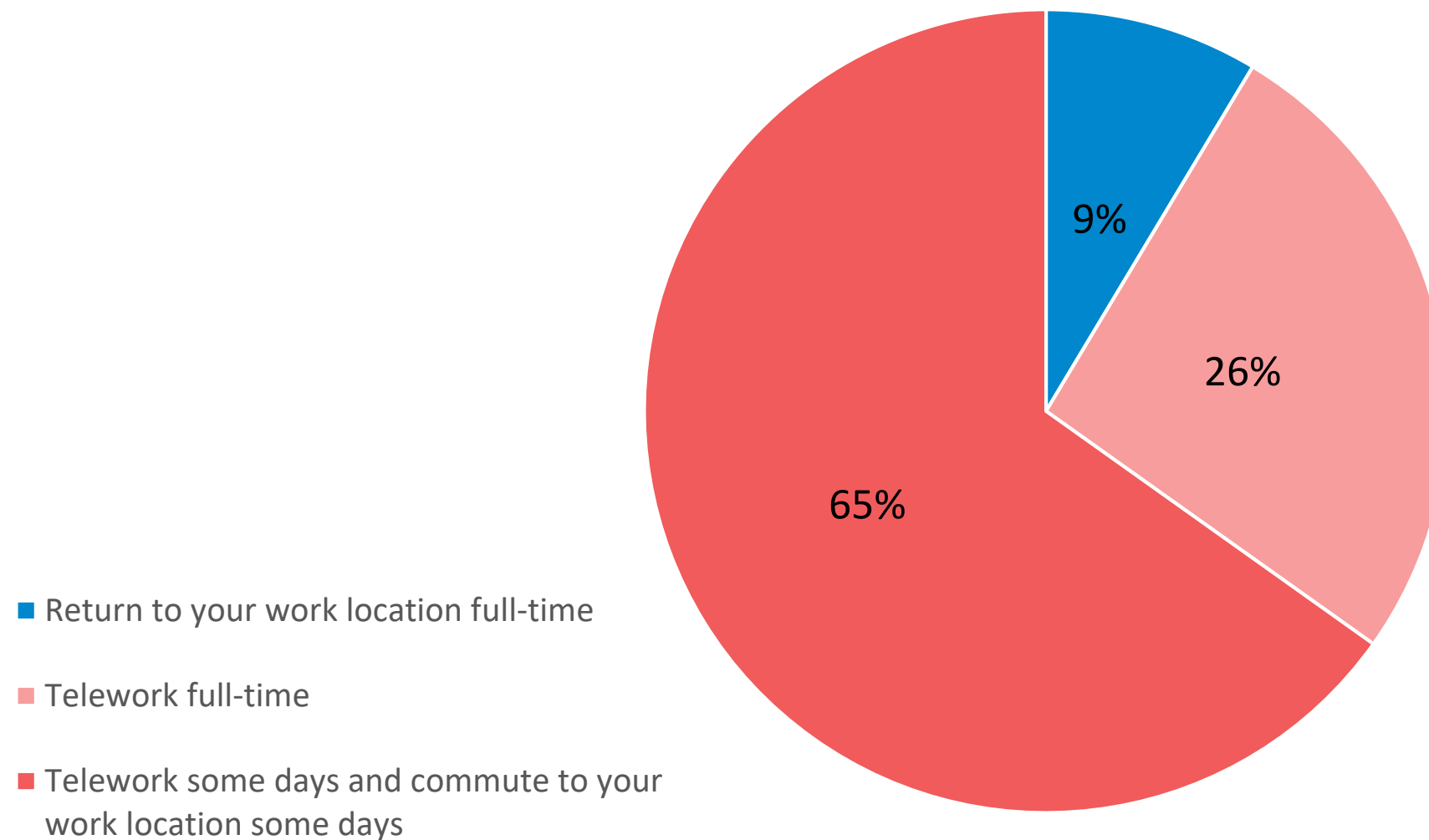


* 5% of respondents do not know what their plans are for after the pandemic

Preferences of Current Telecommuters

S1Q20. *If given the choice to return to a work location once the COVID-19 pandemic is over, would you prefer to...?*

S1Q21. *How often would you want to telework?*



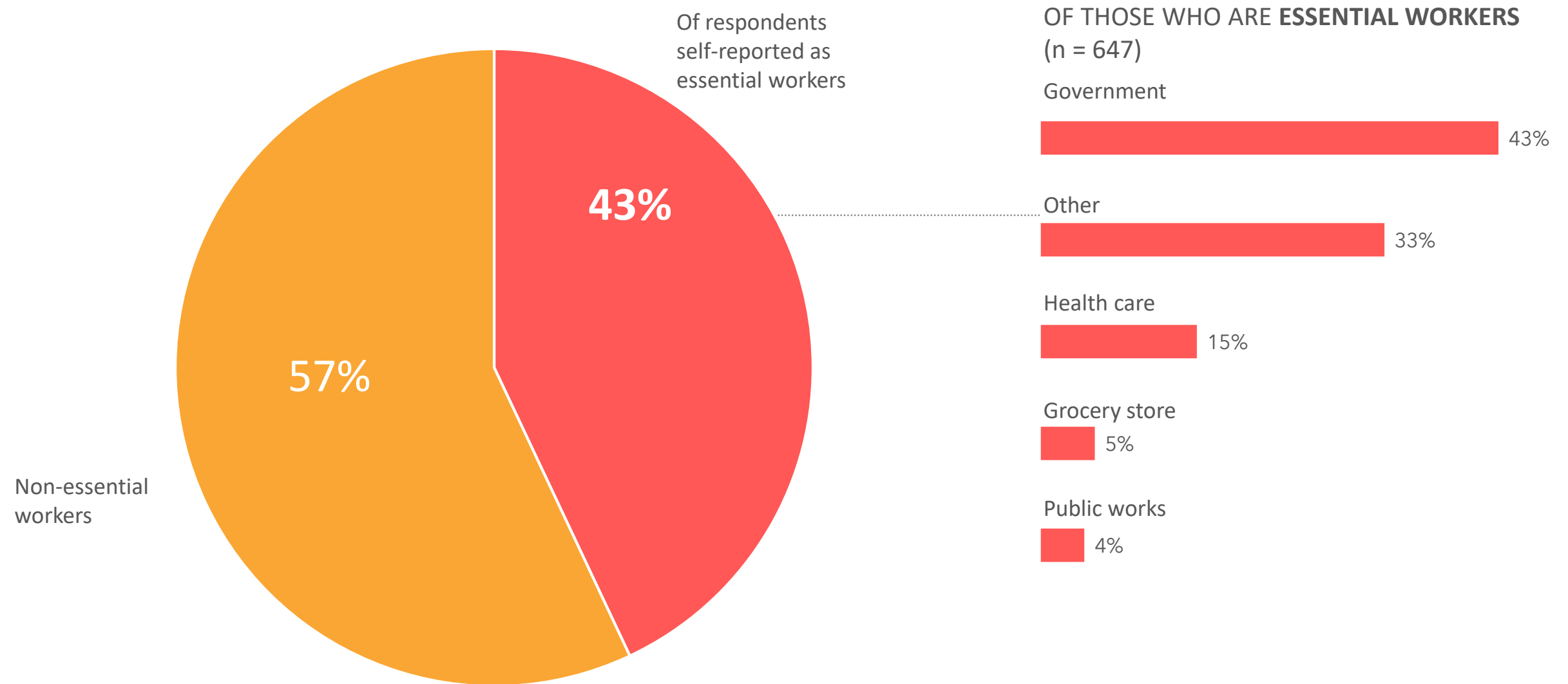
How often would you want to **telework**?
(n = 685)

8%	1 day
41%	2 days
49%	3-4 days
2%	5 days

(n = 1,073)

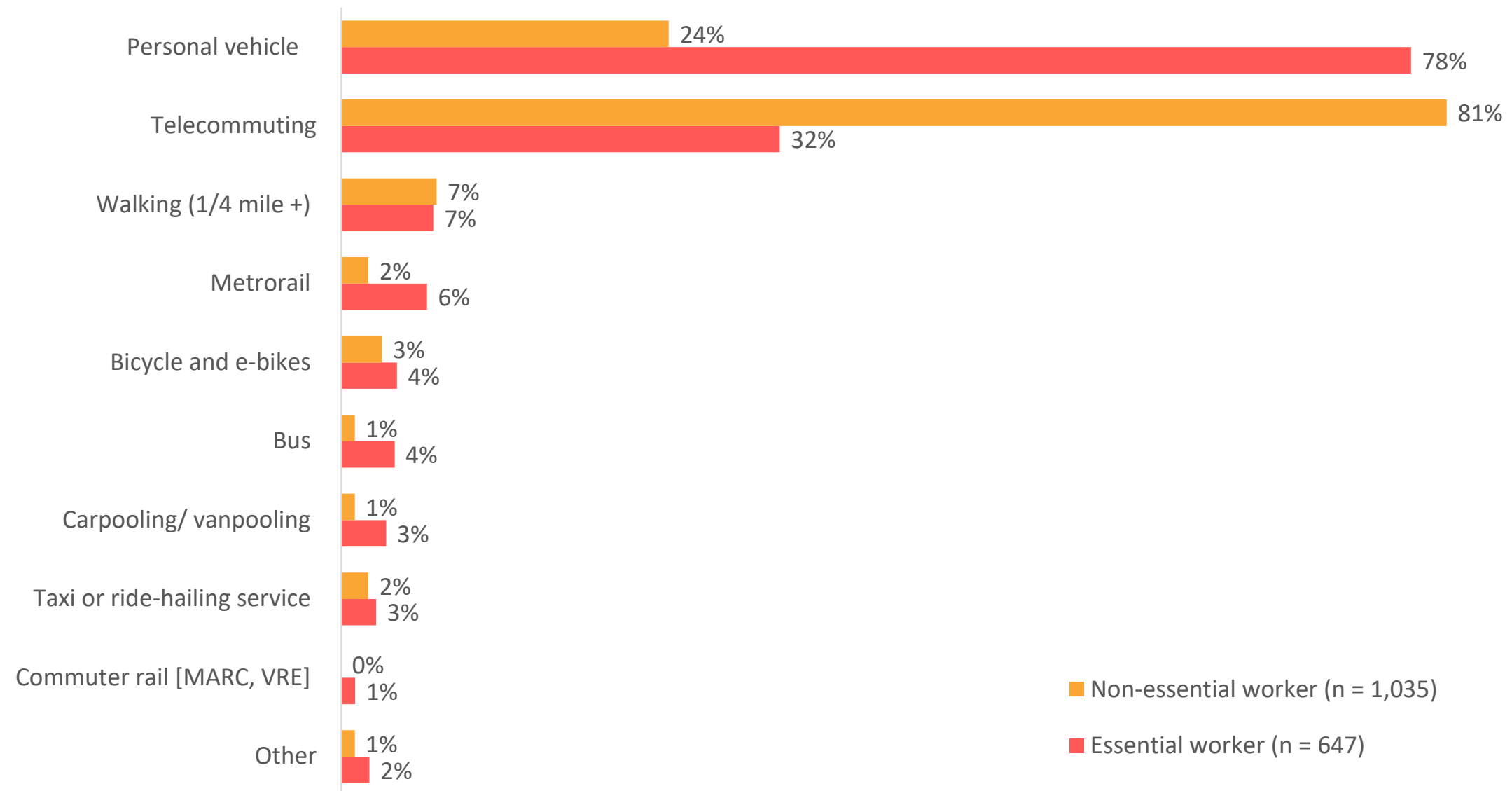
Essential Workers

S1Q16. Are you considered an essential worker who is required to travel outside your home for a job in the following industries (check all that apply)?



Essential Worker Commute During the Pandemic

S1Q18. *During the COVID-19 pandemic, how are you commuting to work or school? Select all modes of transportation that you currently use at least once a week.*



Online Shopping During the Pandemic

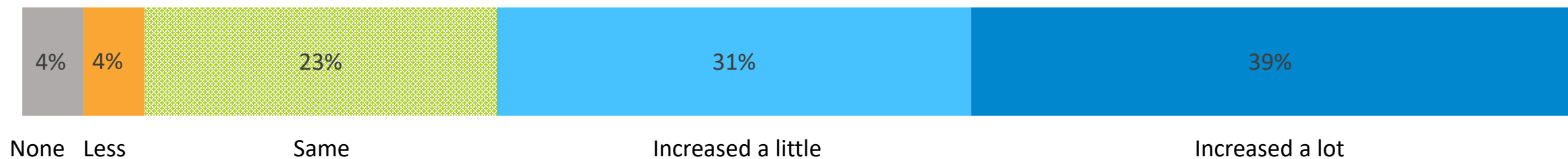
S1Q22. Since the beginning of the COVID-19 pandemic, how have your online shopping habits changed? (Please only consider items you order for delivery at your home, not curbside pick-up).

S1Q23. One year after the COVID-19 pandemic is over, what do you expect your online shopping habits to be like?

70% of respondents indicated that their online ordering increased

58% of respondents report that they are likely to continue with the current online shopping habits

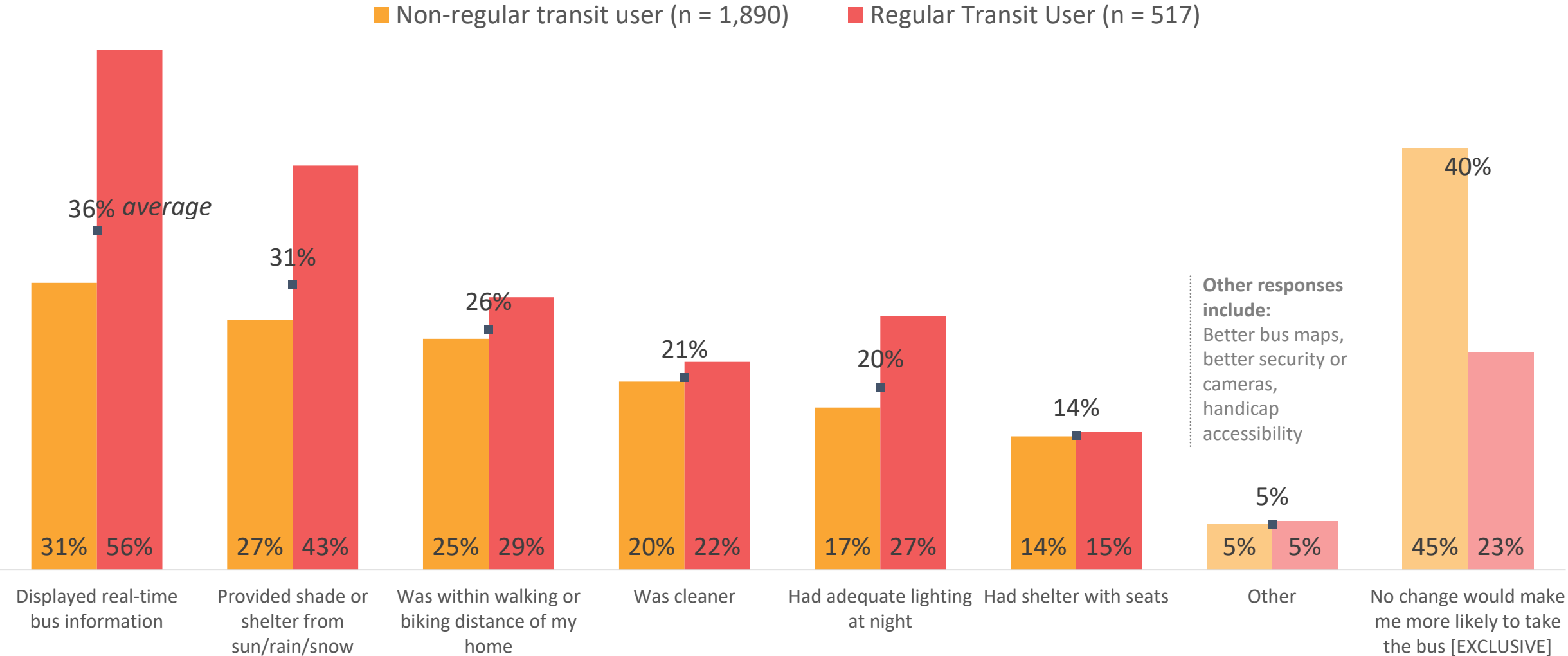
Respondents who reported a change in the amount of online ordering during the pandemic (n = 2,407)



Improvements to the Transportation Infrastructure

Changes to Bus Stop or Station – by Transit User Status

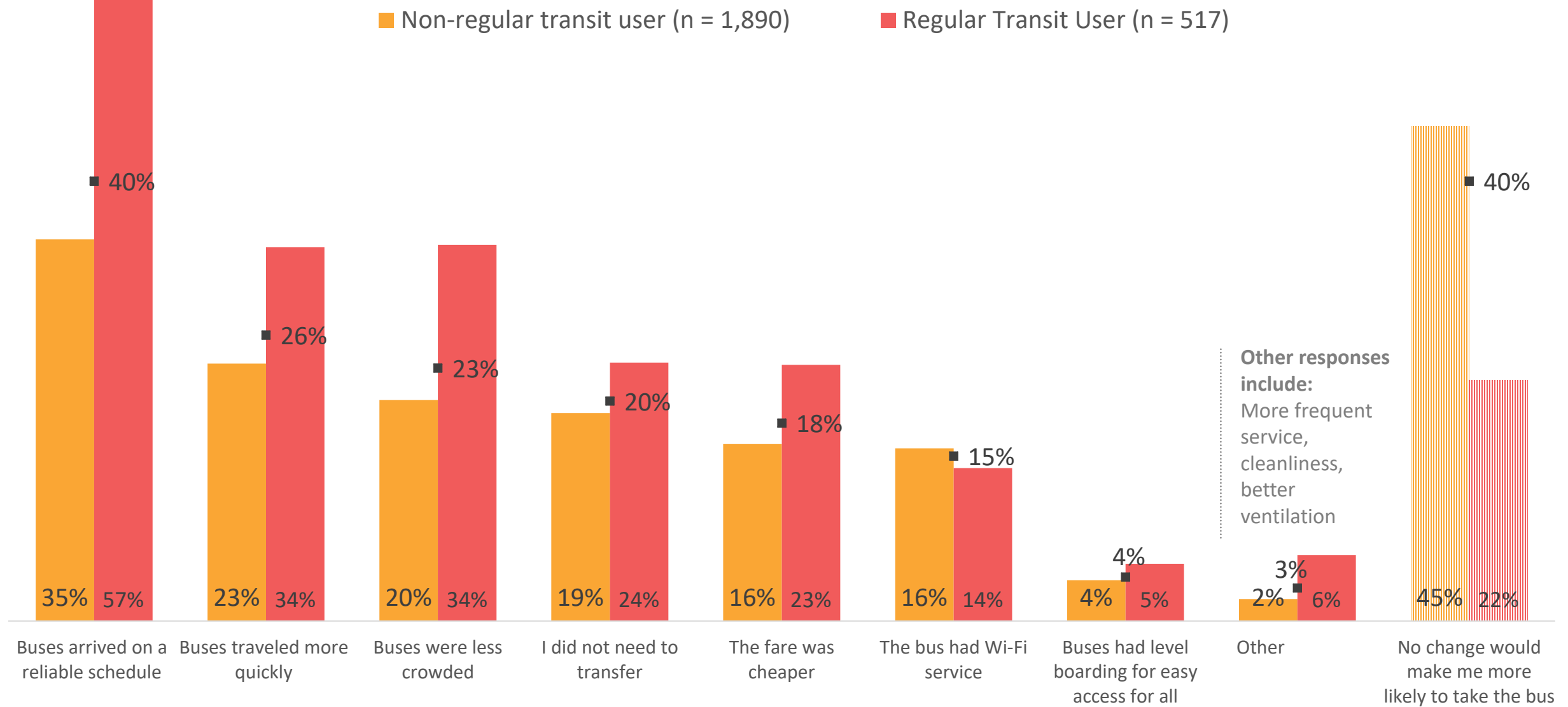
S2Q1. Which of the following changes to the bus stop or bus station would make you more likely to take a bus? I would be more likely to take the bus if the bus stop... (Choose up to 3 options)



*Each respondent could select up to three options

Changes to Bus Ride – by Transit User Status

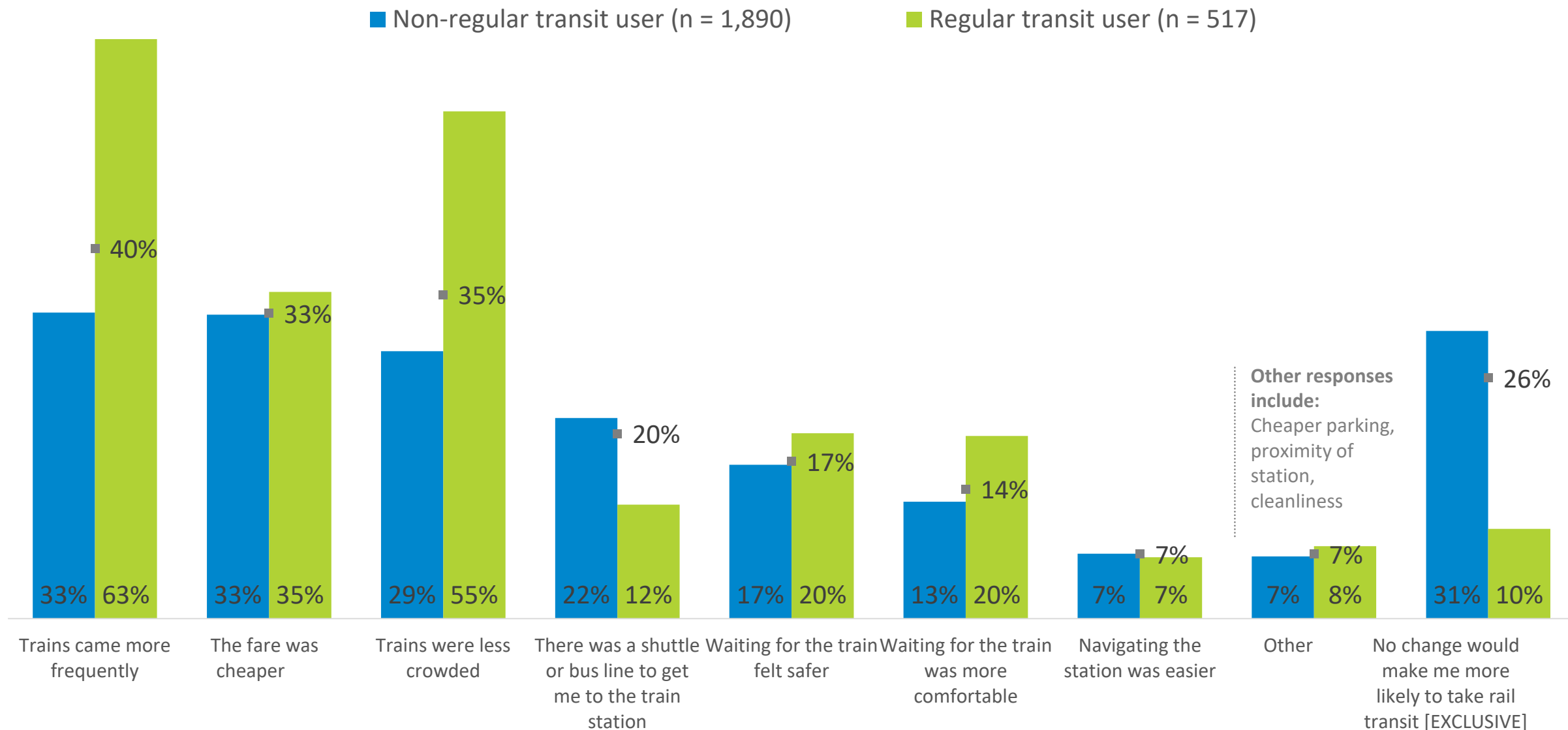
S2Q2. Now please think about the trip aboard the bus. Which of the following improvements to the bus ride experience would make you more likely to take the bus? I would be more likely to take the bus if... (Choose up to 3 options)



Changes to Rail transit – by Transit User Status

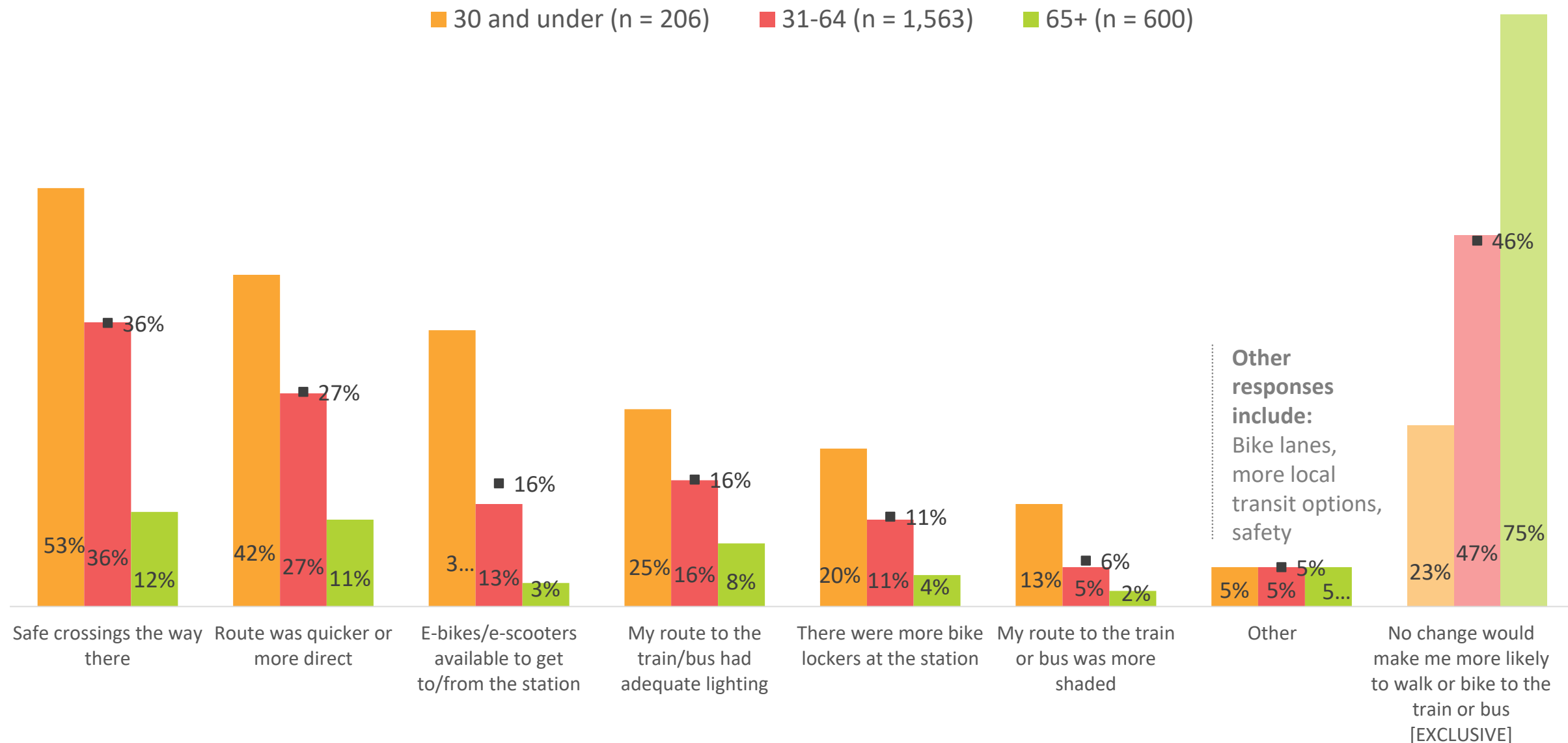
“Train” defined as Metrorail, commuter rail, other trains

S2Q3. Which of the following improvements would make you more likely to take rail transit (Metrorail, commuter rail, other trains)?
I would be more likely to take rail transit if... (Choose up to 3 options)



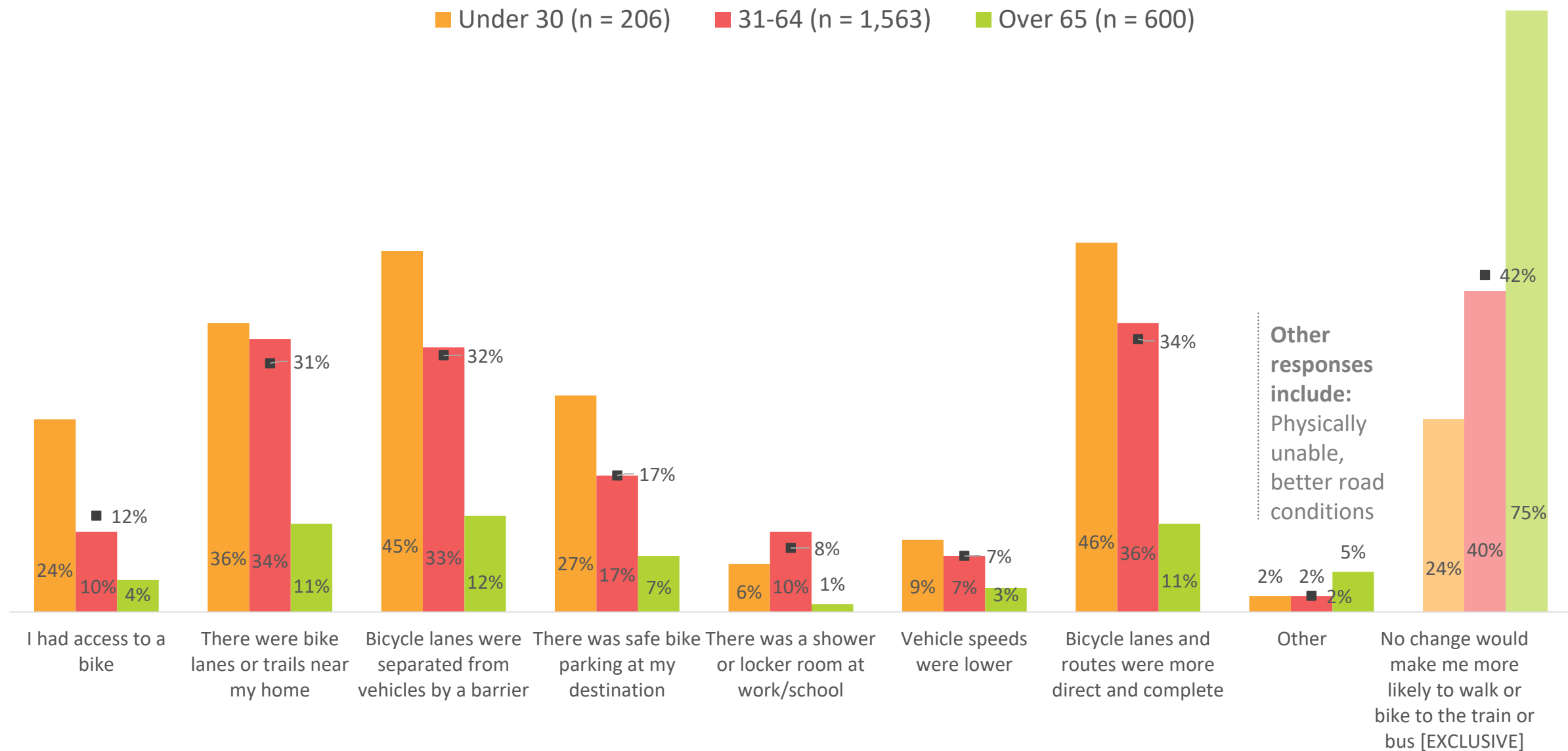
Changes to Encourage Walking, Biking to Transit – by Age

S2Q4. Which of the following improvements would make you more likely to walk, bike or take an e-powered or mobility device to the train station or bus stop?
 I would be more likely to walk, bike, or use an e-powered or mobility device to the train or bus if... (Choose up to 3 options)



Changes to Encourage Bicycling – by Age

S2Q6. Which of the following improvements would make you more likely to use a bicycle? I would be likely to bike more if... (Choose up to 3 options)



Broader Opinion Questions

Support for Sidewalk and Street Uses

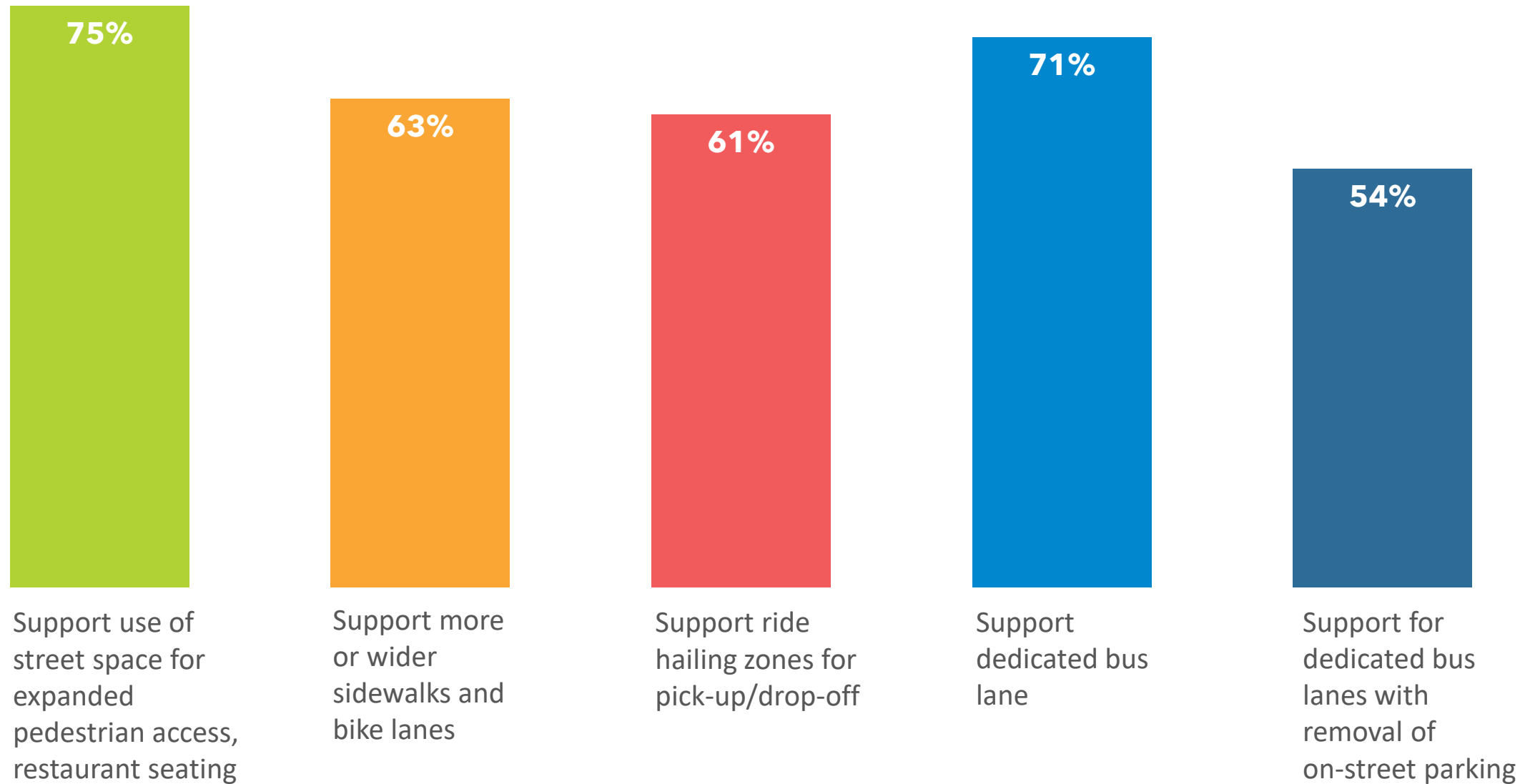
S1Q24. One year after the COVID-19 pandemic is over, would you support the continued use of street space/parking space for these kinds of purposes?

S2Q8. Do you support constructing more or wider sidewalks and bike lanes if it meant a reduction in parking availability?

S2Q7. Do you support providing ride-hailing zones for pick-up and drop-off on the street if it meant a reduction in parking availability?

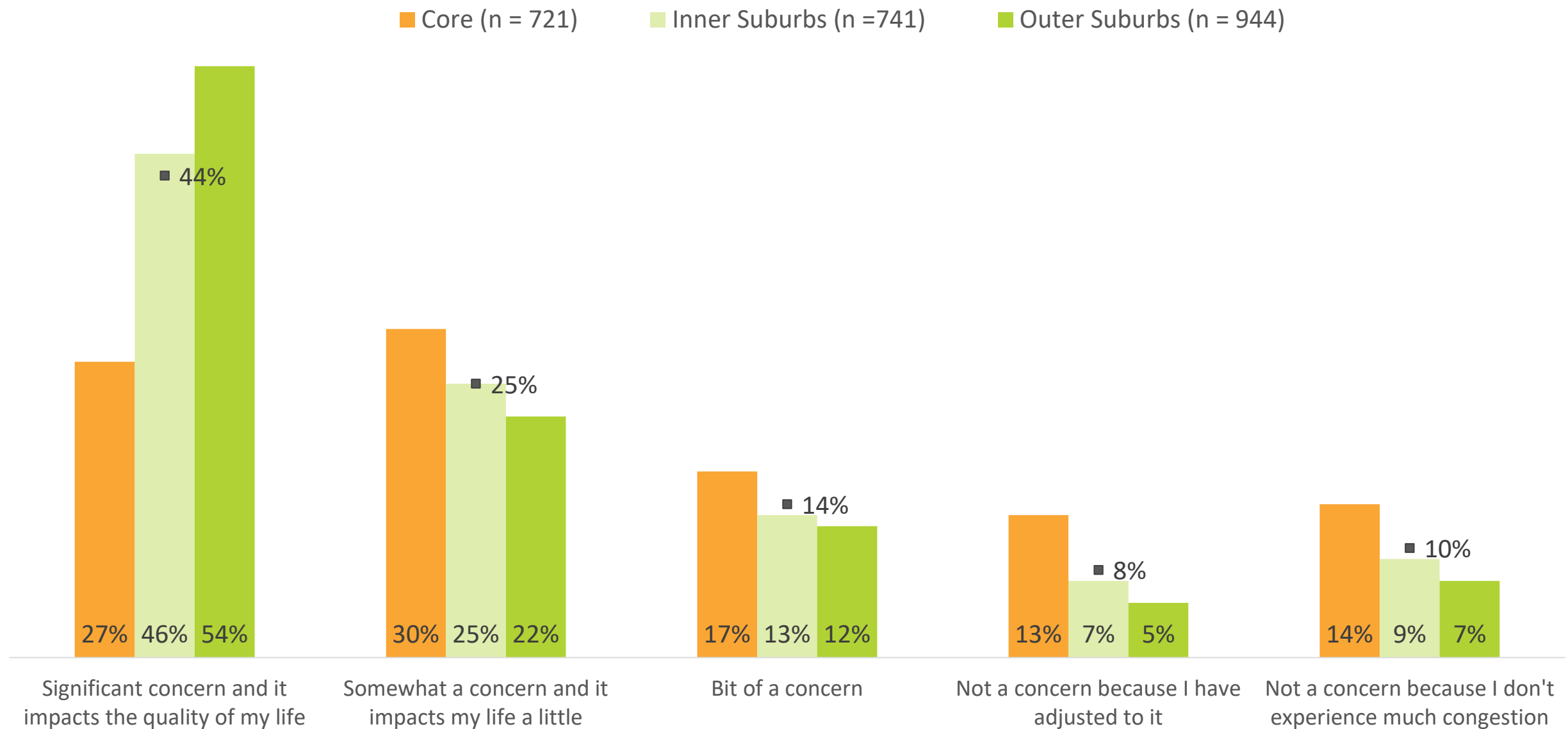
S2Q12. To avoid congestion and make bus trips faster, would you support dedicating a travel lane for mostly bus use?

S2Q13. To enable buses to travel in their own lane, would you support the removal of a lane of on-street parking?



Impact of Traffic Congestion on Quality of Life

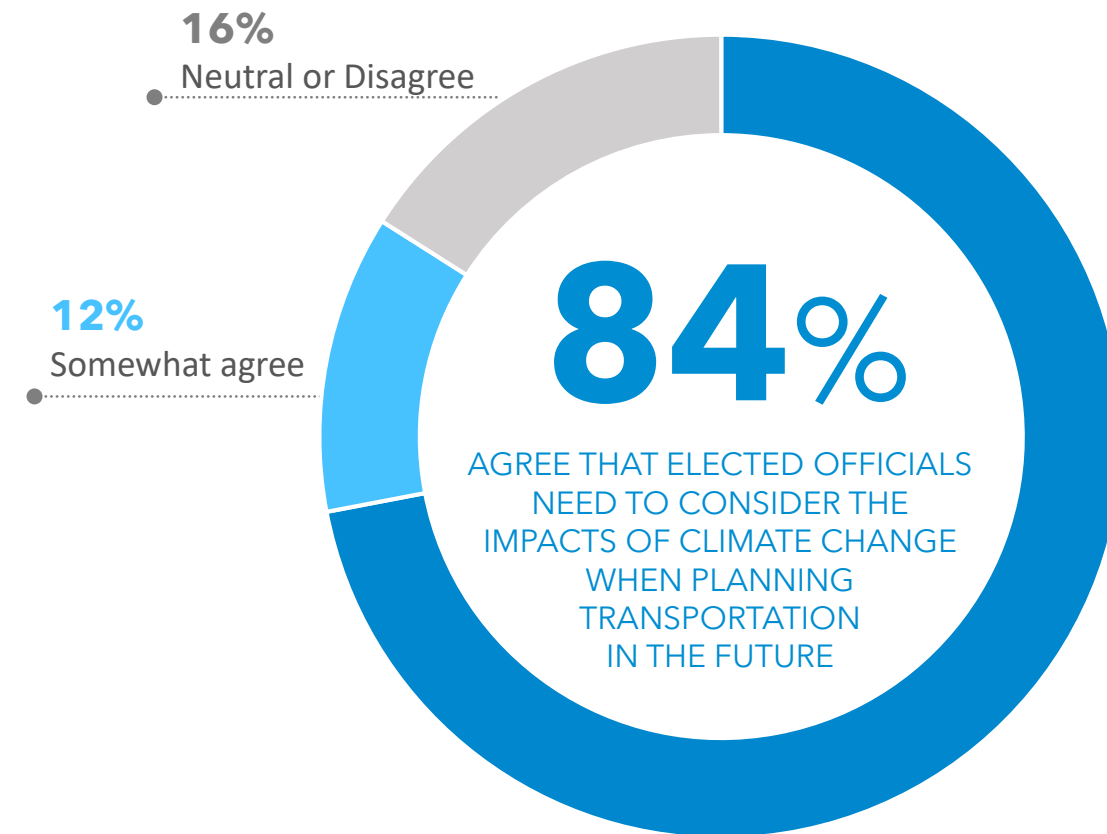
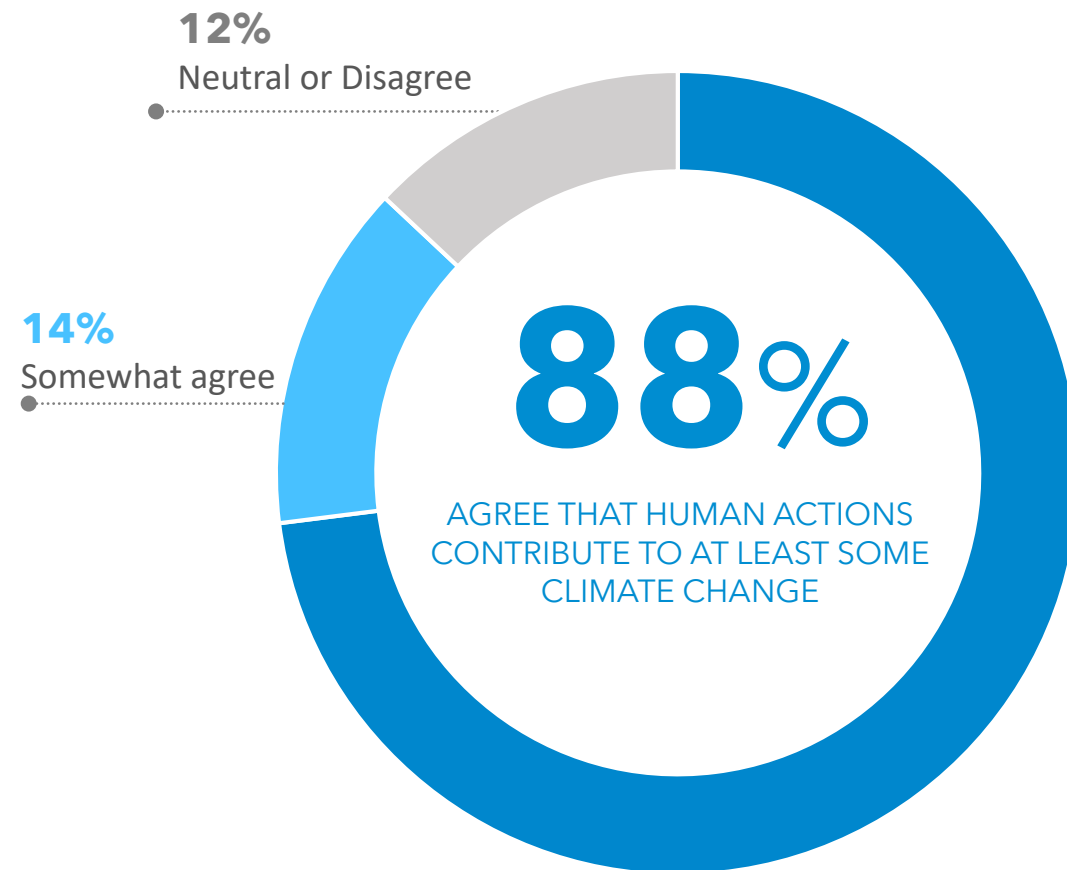
S2Q11. How big a concern is traffic congestion to you personally?



Public Opinion of Climate Change

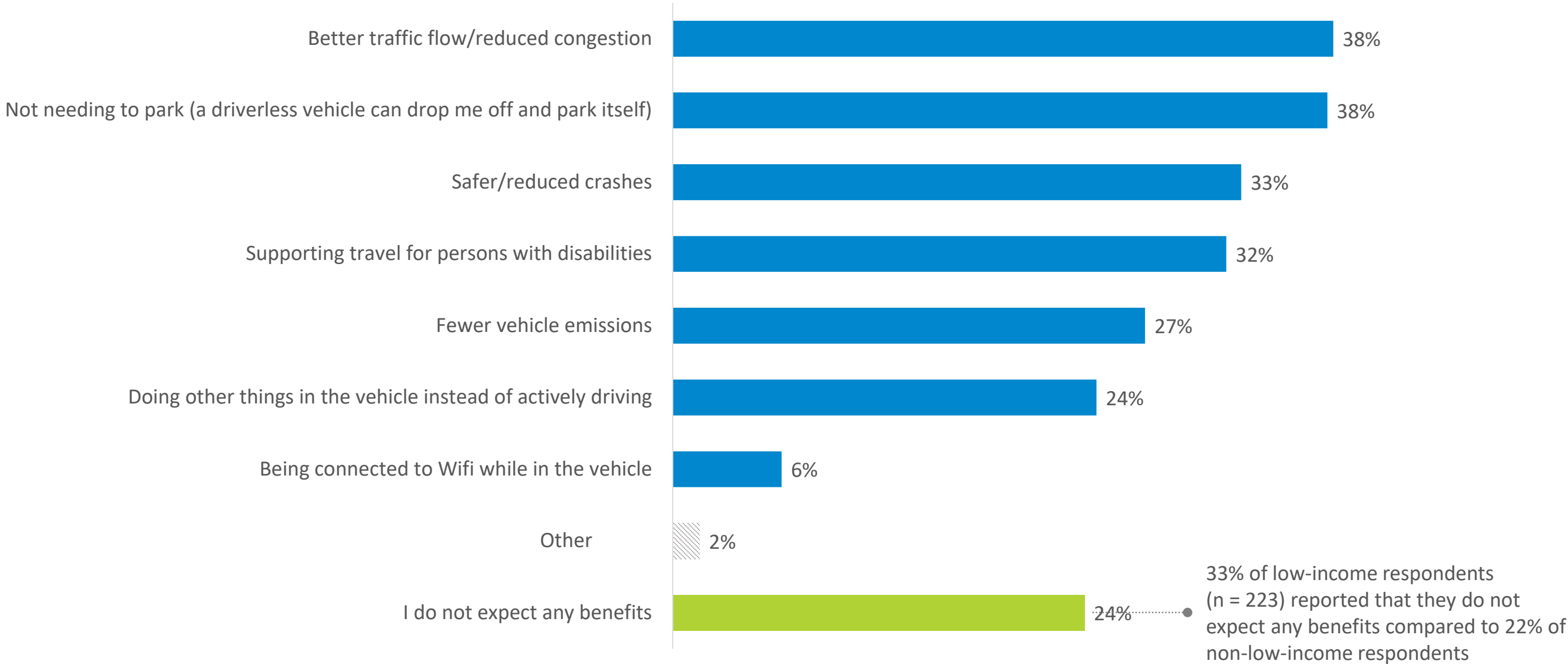
S3Q2. How much do you agree or disagree that human actions contribute to at least some climate change?

S3Q1. How much do you agree or disagree with the following statement? Elected officials need to consider impacts of climate change when planning for transportation in the future.



Benefits of Driverless Cars

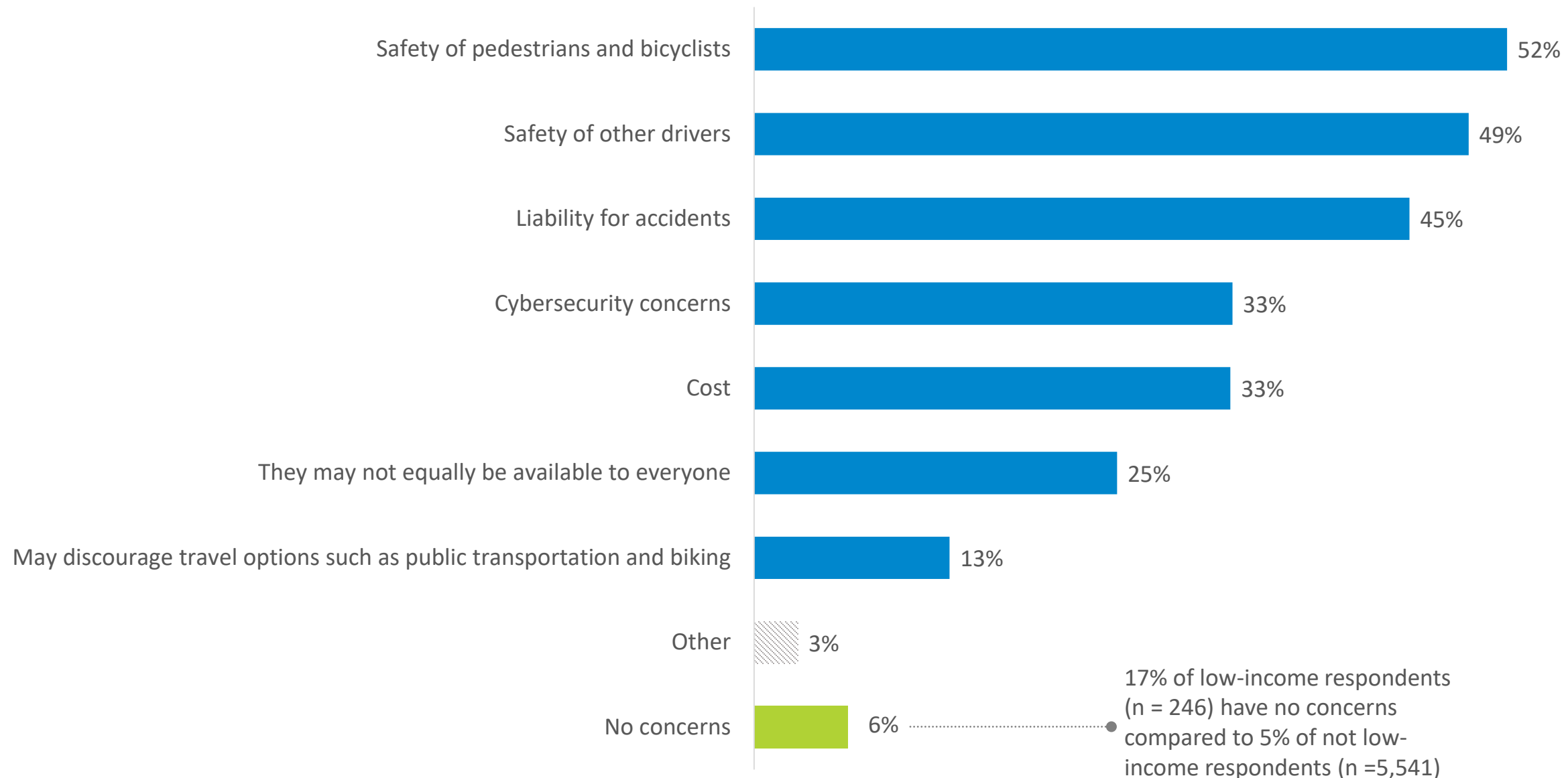
S3Q4. How might the availability of driverless cars benefit you or others in the Washington region? (Choose up to 3 options)



N = 2,407, Respondents identified up to 3 options

Concerns about Driverless Cars

S3Q5. What concerns, if any, do you have about driverless cars? (Choose up to 3 options)



N = 2,407, Respondents identified up to 3 options

Transportation Equity

Transportation System Meeting Needs – by Region

S3Q6. How well do you feel the region's current transportation system meets your travel needs?

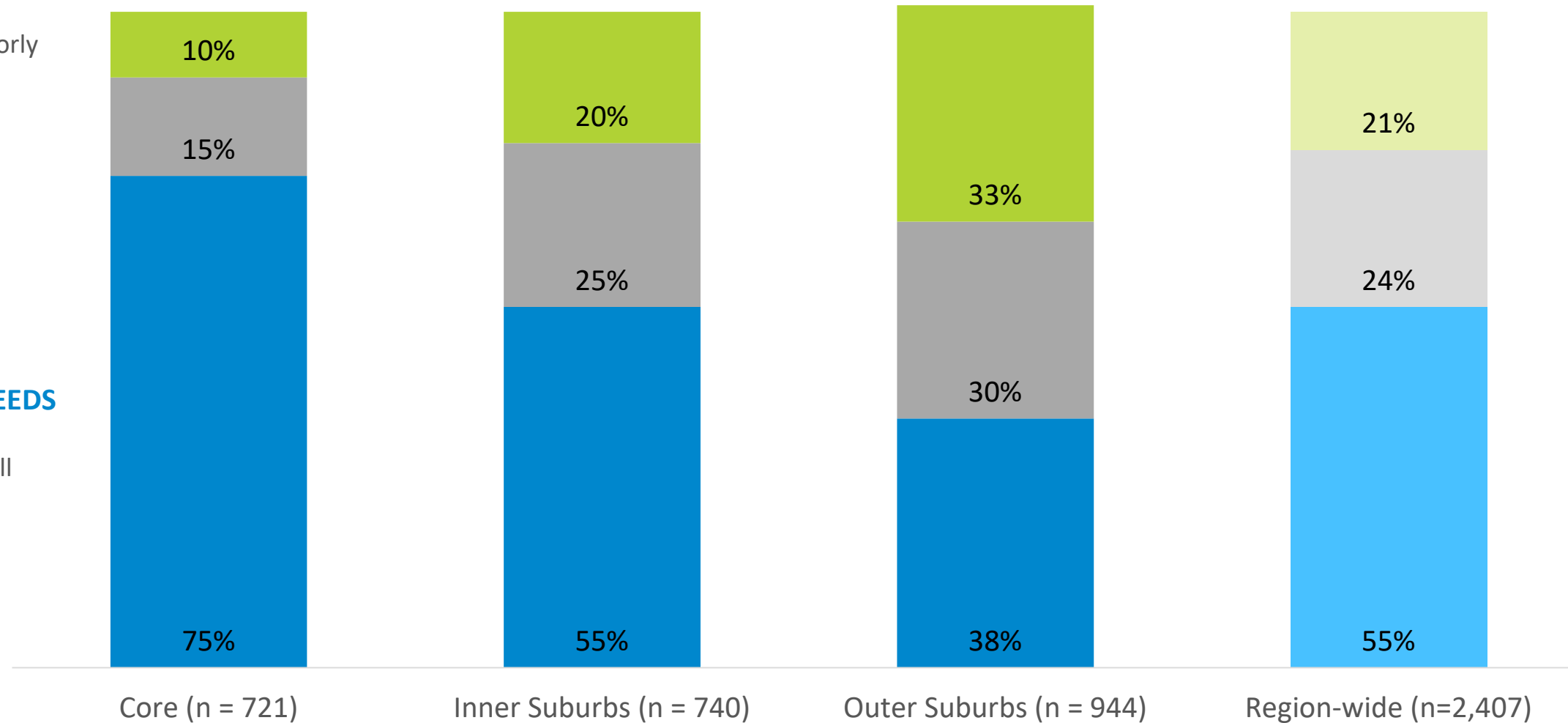
NOT MEETING NEEDS

Somewhat poorly or Very poorly

NEUTRAL

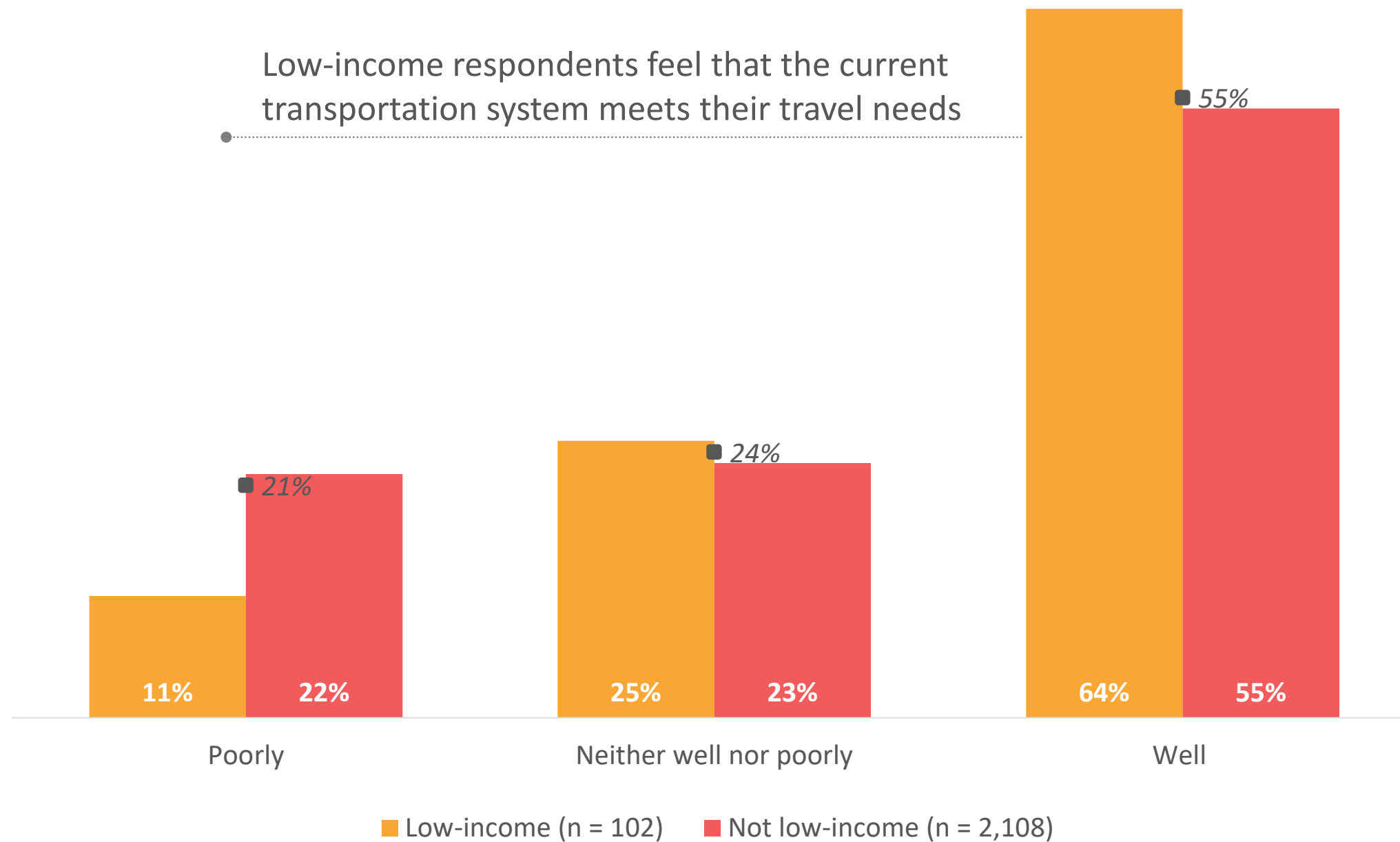
MEETING NEEDS

Very well or Somewhat well



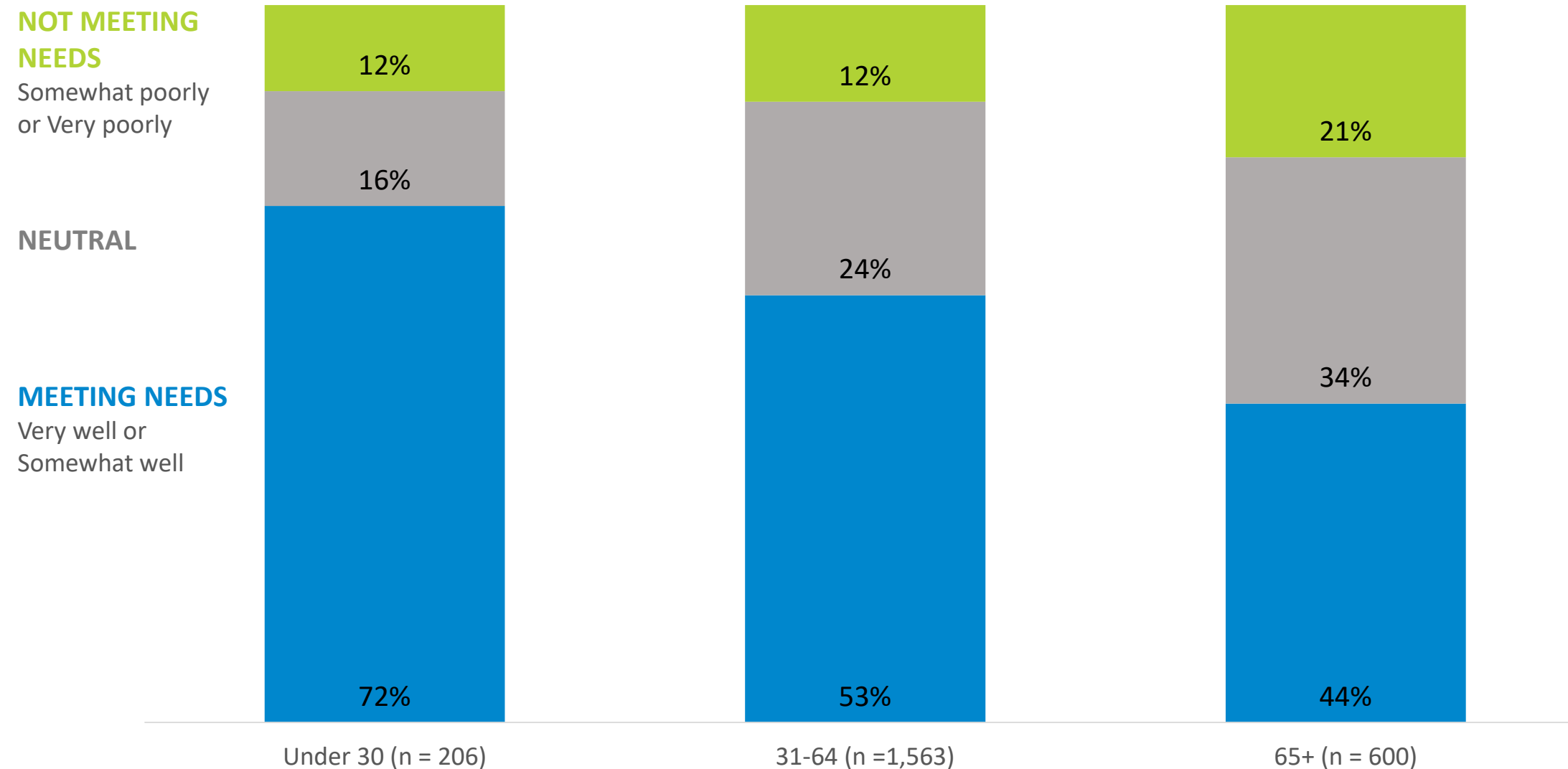
Transportation System Meeting Needs – by Income

S3Q6. How well do you feel the region's current transportation system meets your travel needs?



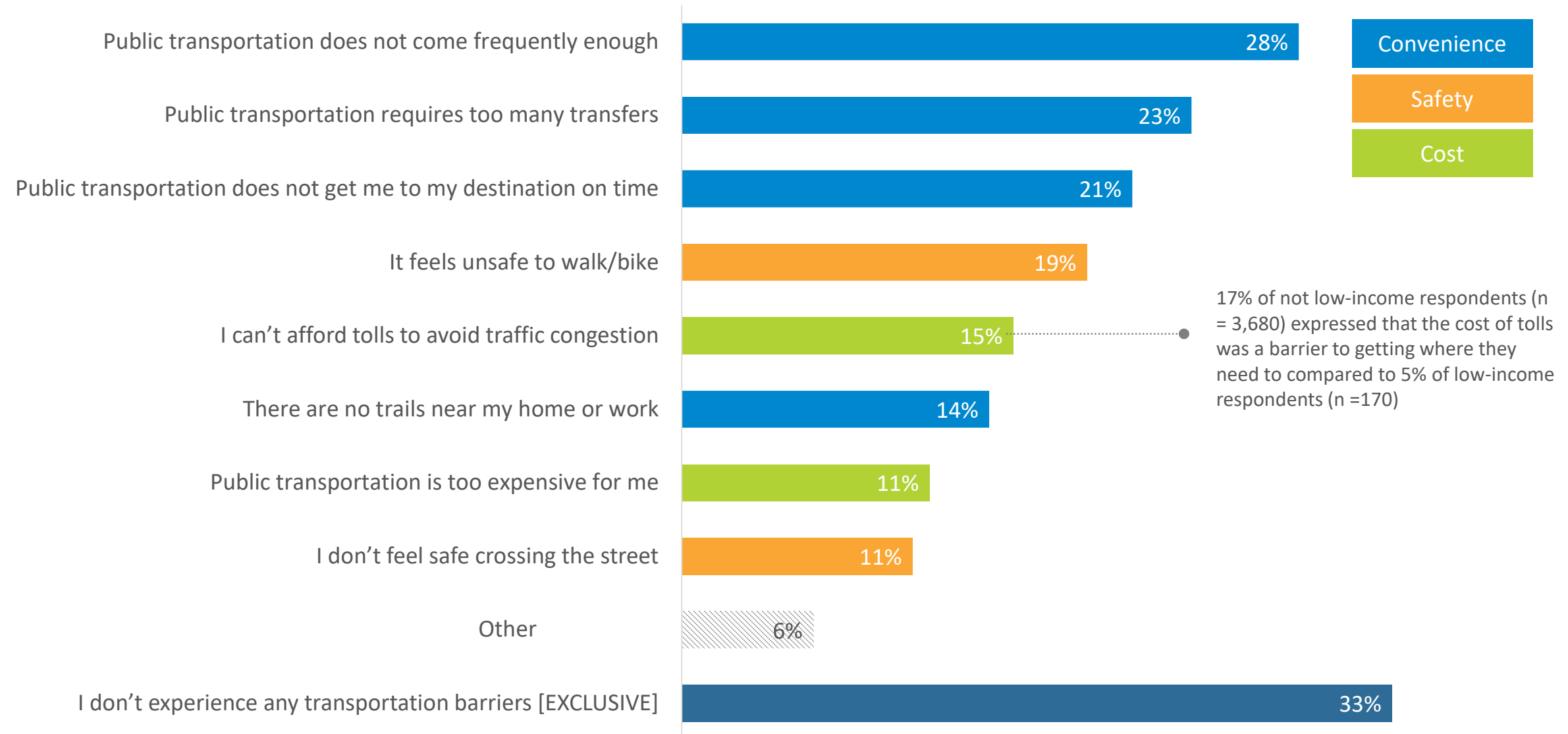
Transportation System Meeting Needs – by Age

S3Q6. How well do you feel the region's current transportation system meets your travel needs?



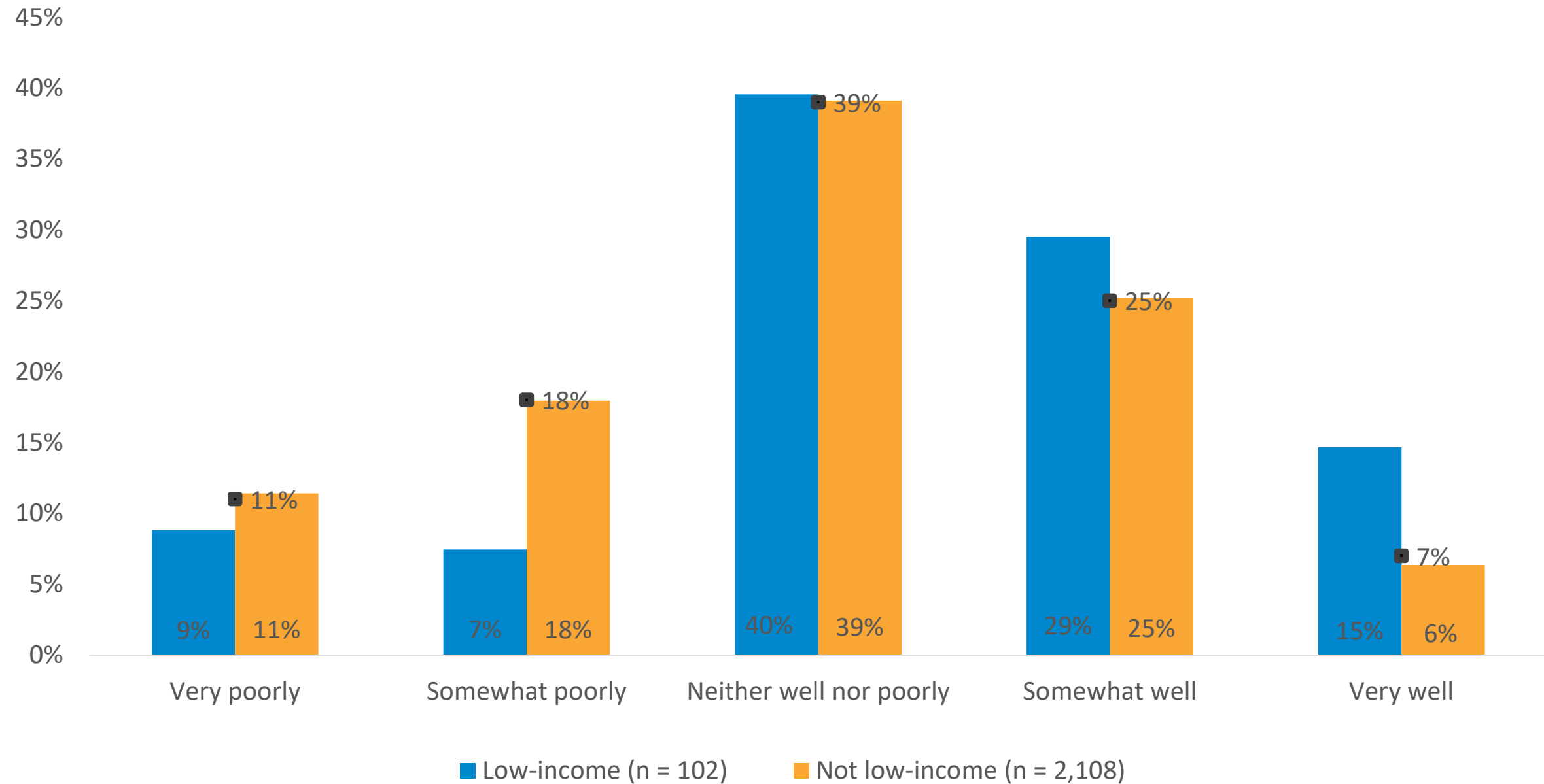
Experience with Transportation Barriers

S3Q7. Do you experience any of the following barriers to getting where you need to go from where you live? (Choose up to 3)



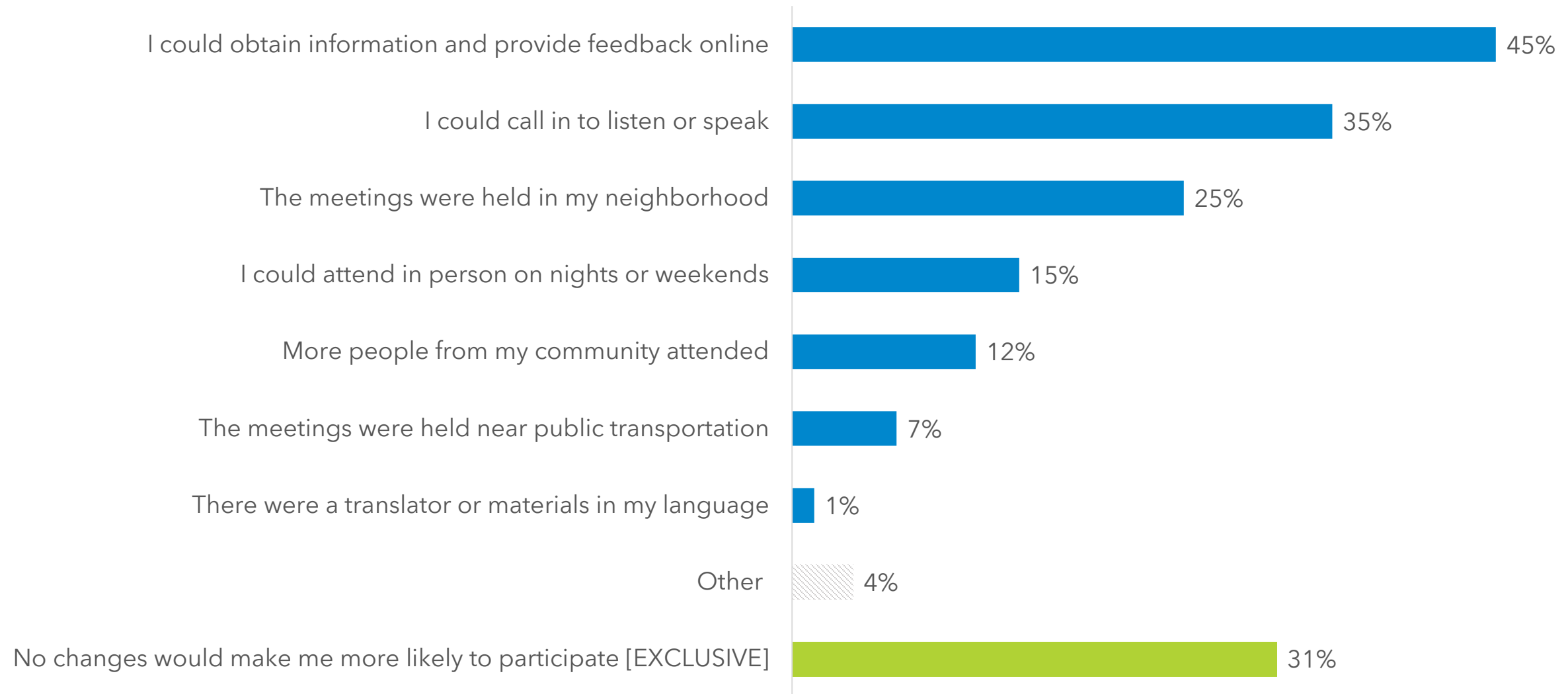
Needs Addressed by Decision-Makers – by Income

S3Q8. How well do you feel your transportation needs and concerns are being addressed by decision makers?



Participation in Public Meetings

S3Q9. *I would be more likely to participate in public meetings about transportation if: (Choose up to 3)*

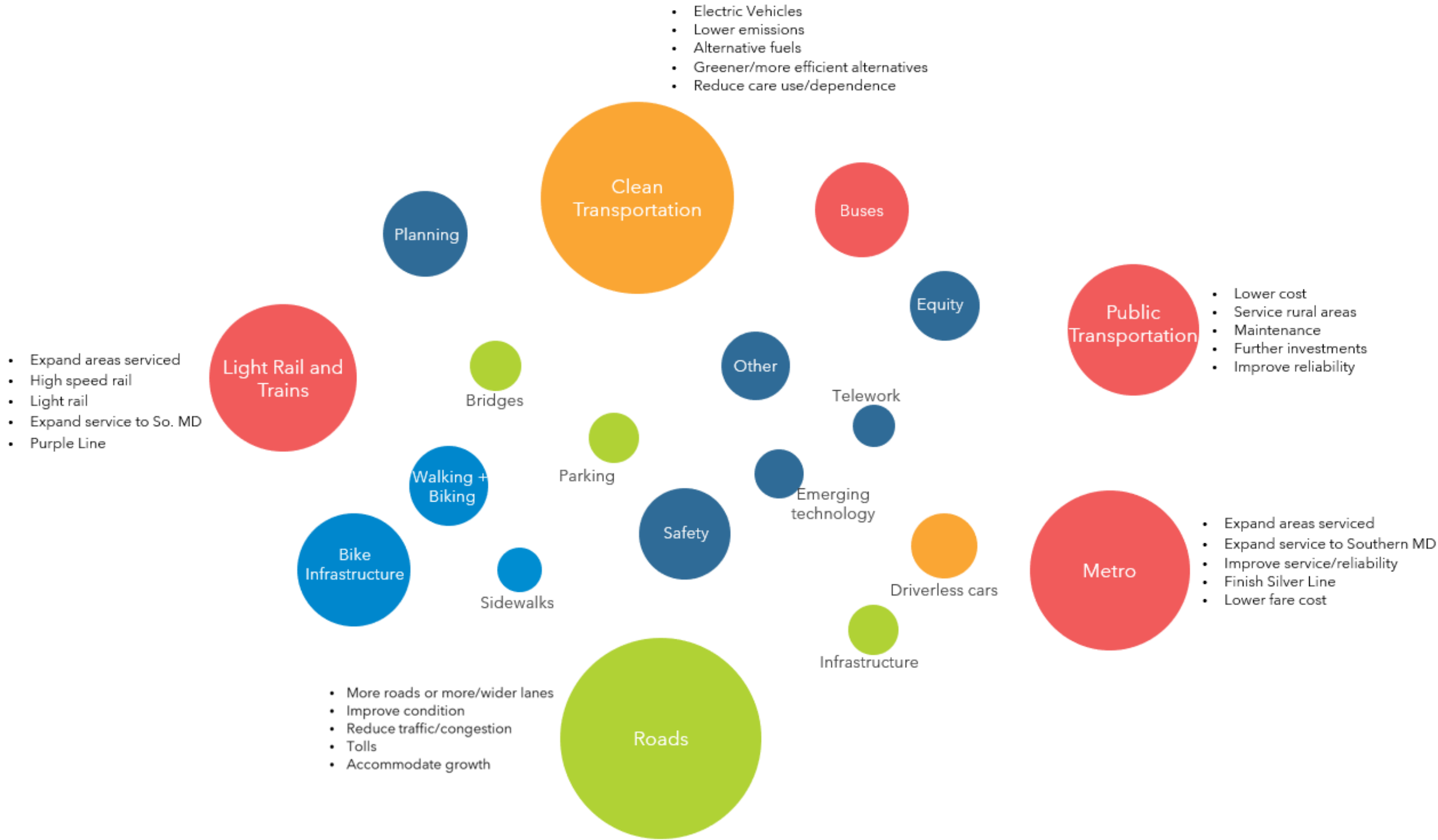


N = 2,407, Respondents identified up to 3 options

Future Transportation Investments

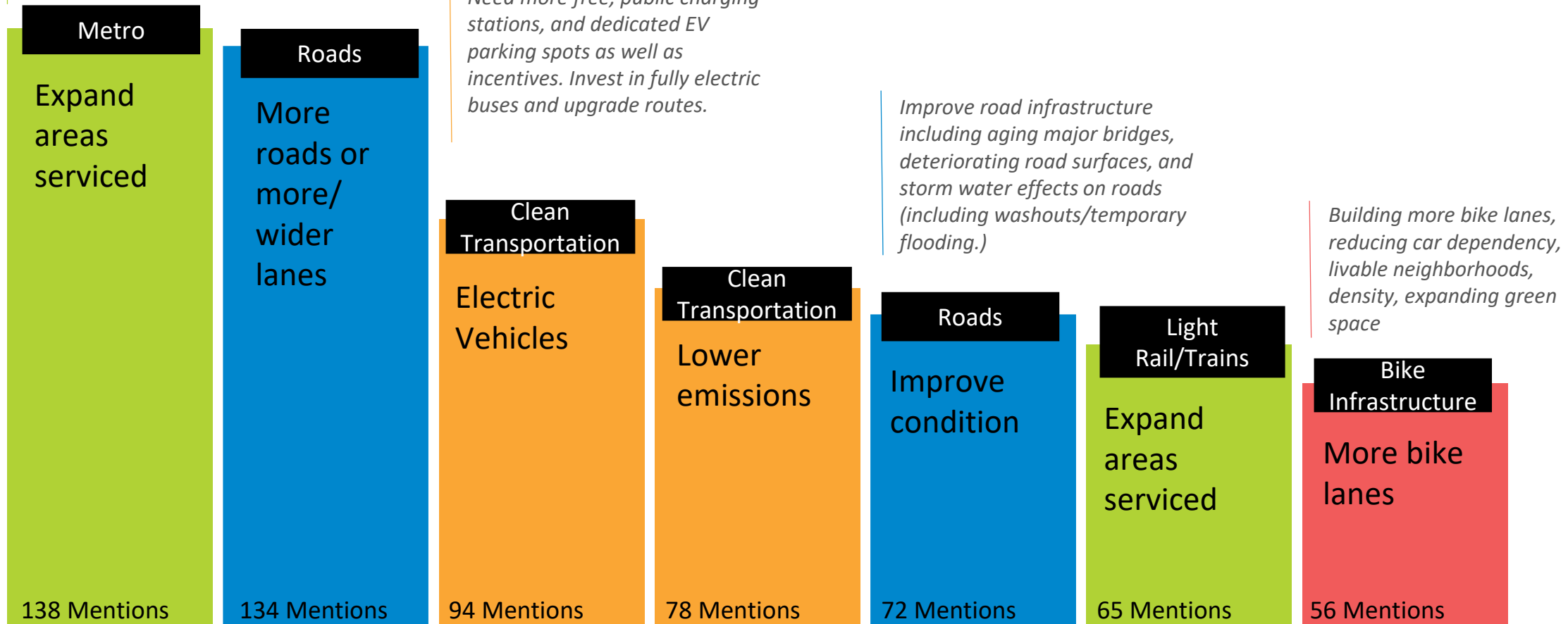
The survey included a broad open-ended question which asked respondents to consider:

What transportation investments should we make today that future generations will thank us for tomorrow?



S3Q10. What transportation investments should we make today that future generations will thank us for tomorrow? [Top primary and secondary codes]

Our metro access/plan in the region is quite inconvenient when major transfers can only happen at the Metro Center...if there are more sub station connections ... it would provide more access.



Invest heavily in infrastructure that supports electric vehicles. Need more free, public charging stations, and dedicated EV parking spots as well as incentives. Invest in fully electric buses and upgrade routes.

Improve road infrastructure including aging major bridges, deteriorating road surfaces, and storm water effects on roads (including washouts/temporary flooding.)

Building more bike lanes, reducing car dependency, livable neighborhoods, density, expanding green space

Expanding roads in congested and soon to be congested (ehem, Potomac yard with Amazon) areas now before it gets too bad.

Anything we can do to reduce our carbon footprint would be appreciated.

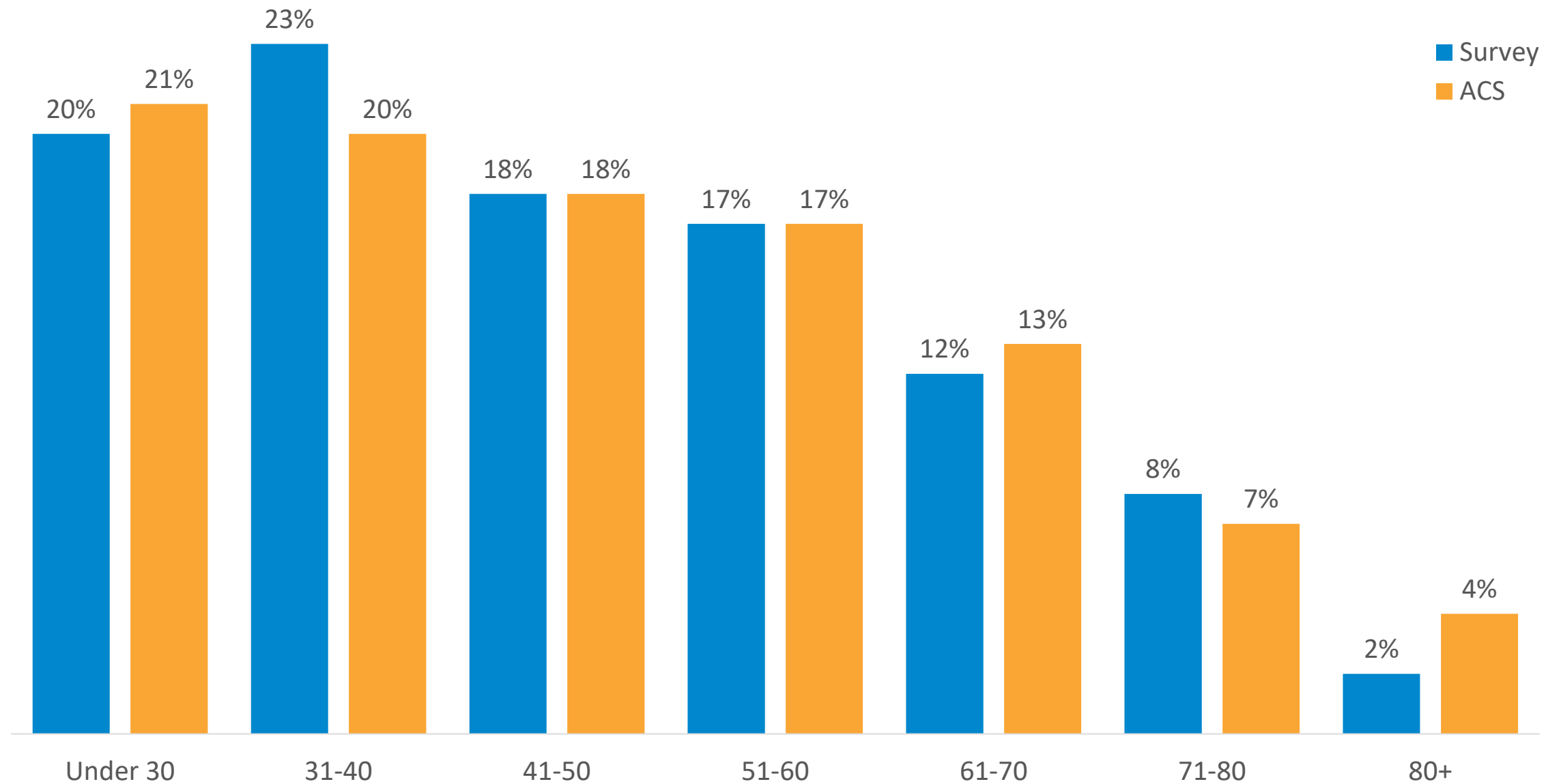
Extend rail services beyond the current metro region in areas not yet developed for new subdivisions.

Thank you

Appendix

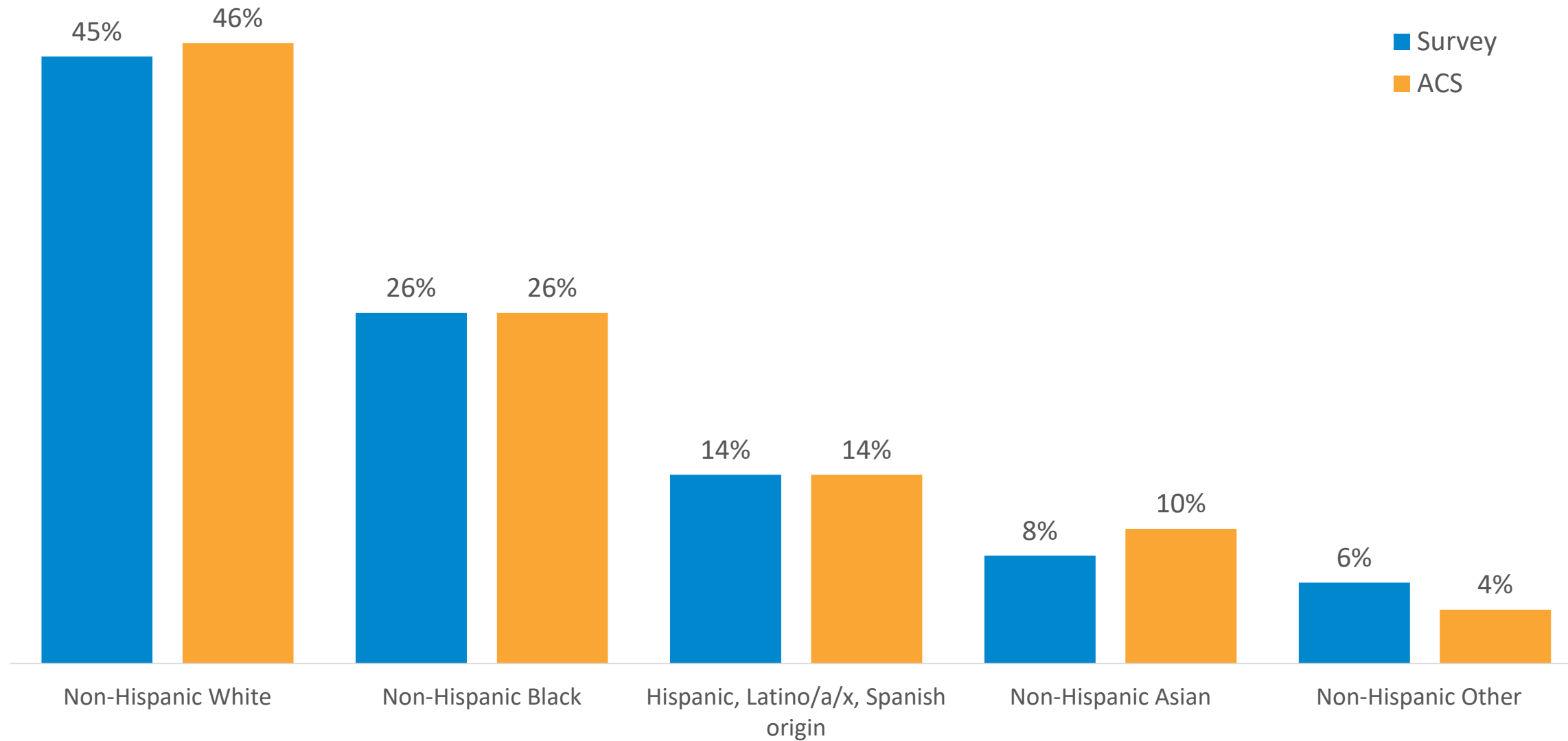
Respondent Age Distribution

D5. In what year were you born?



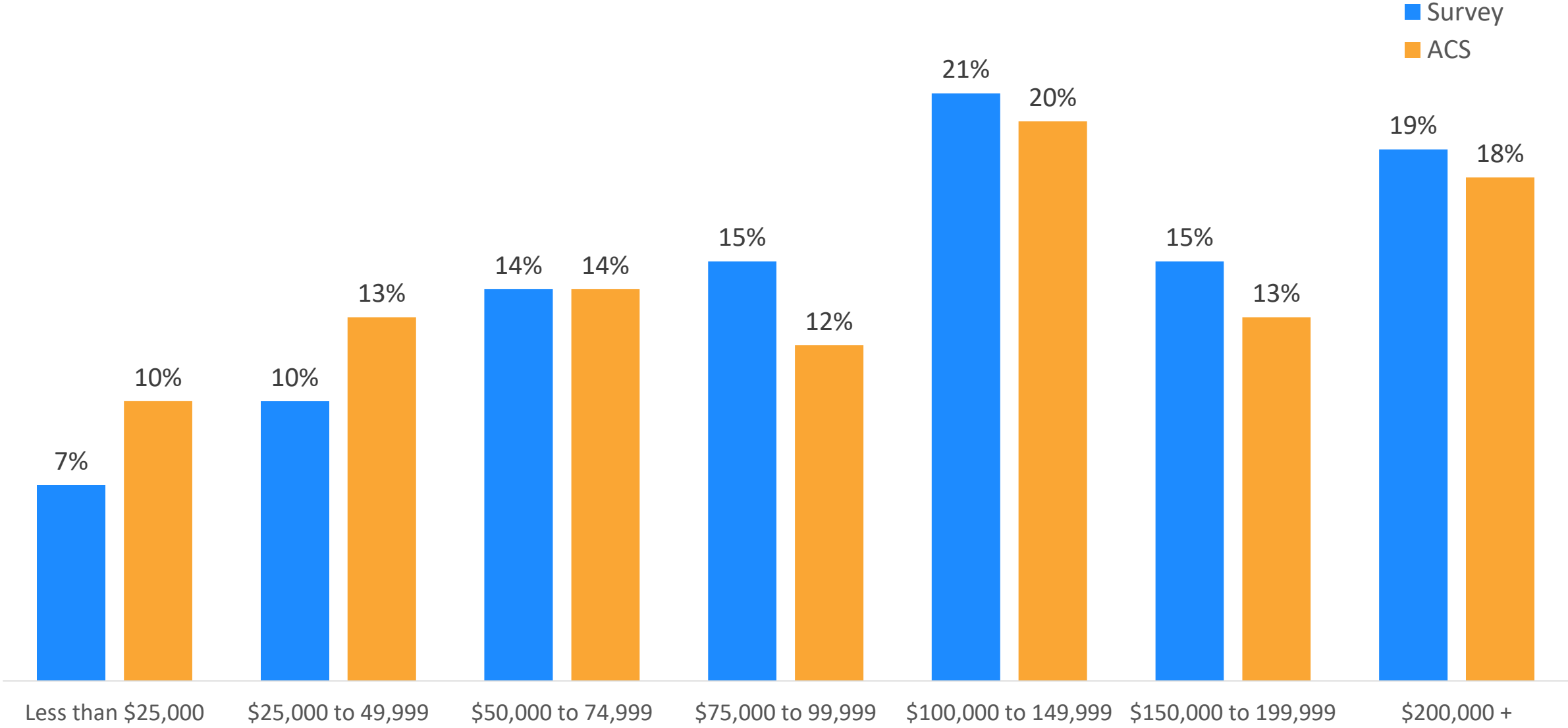
Respondent Racial/Ethnic Background

D7. Which of the following best describes you? Please select all that apply.



Respondent Income Distribution

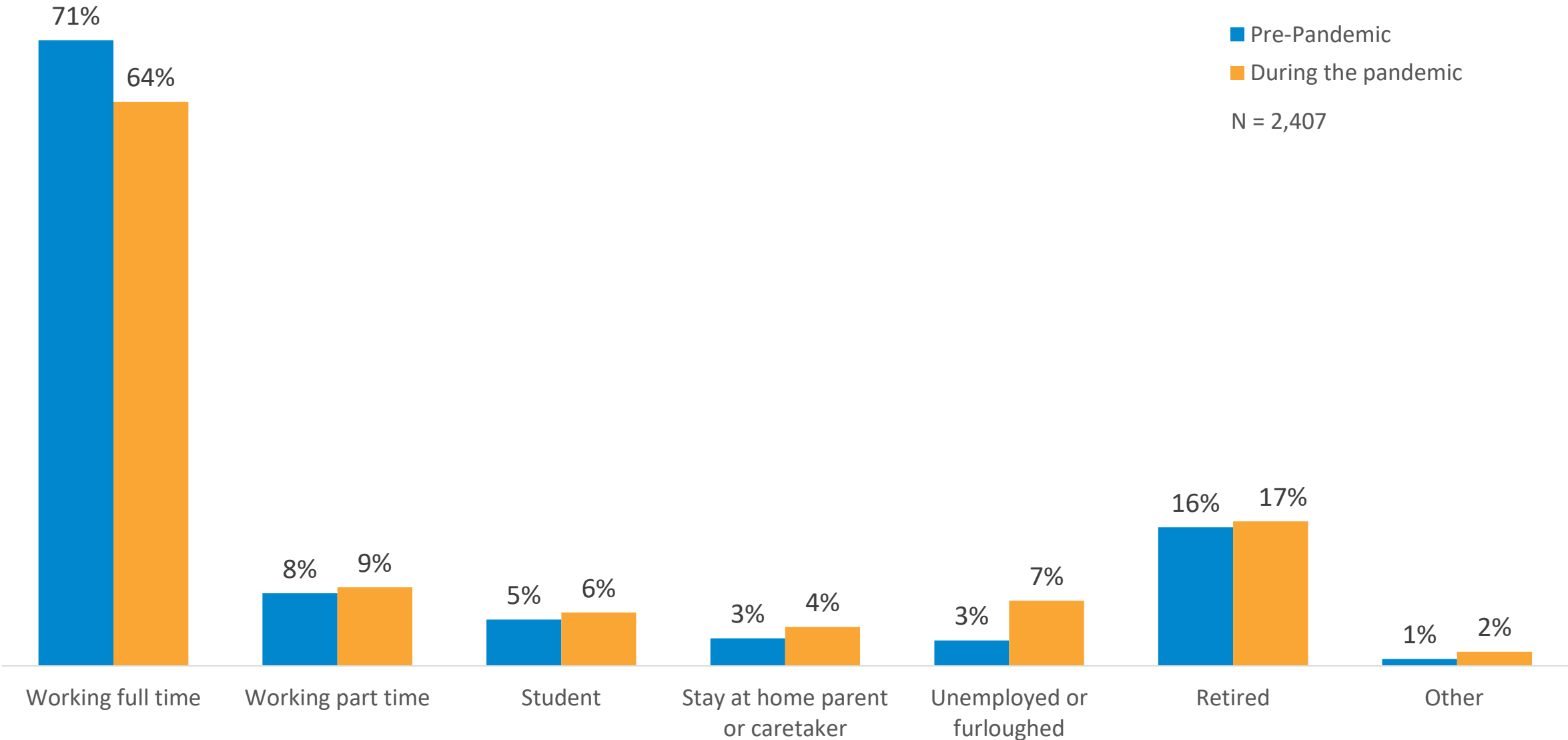
D9. What was your total household income from all sources in 2019 before taxes?



Employment Before and During Pandemic

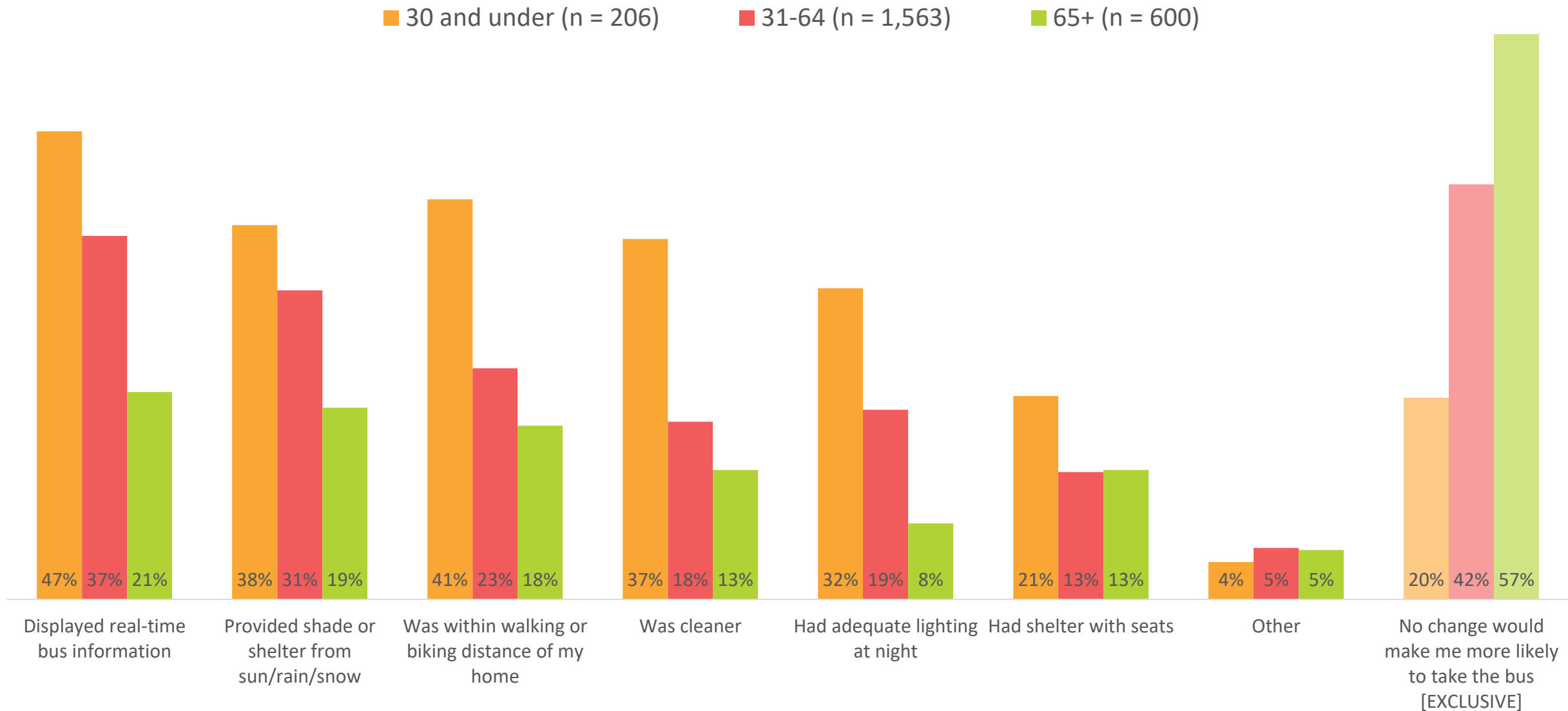
S1Q13. Before the COVID-19 pandemic, what was your employment situation? (Select all that apply)

S1Q14. What is your current employment situation during the COVID-19 pandemic? (Select all that apply)



Changes to Bus Stop or Station – by Age

S2Q1. Which of the following changes to the bus stop or bus station would make you more likely to take a bus? I would be more likely to take the bus if the bus stop... (Choose up to 3 options)



Elected Officials Must Consider Climate Change – by Age

S3Q1. How much do you agree or disagree with the following statement? Elected officials need to consider impacts of climate change when planning for transportation in the future.

