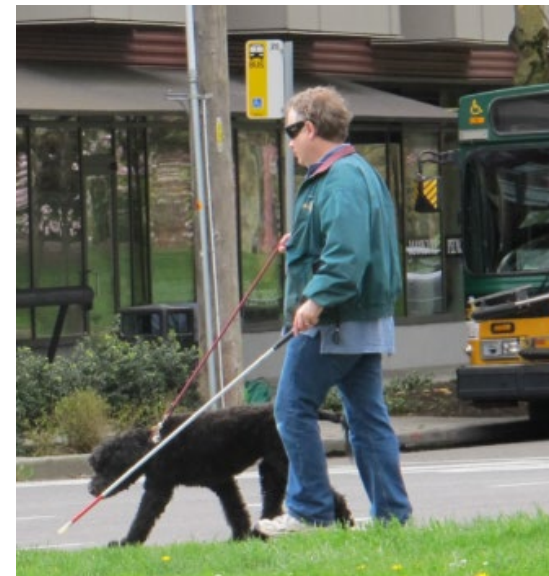


# Active Transportation Plan Update



Transportation Commission  
Kimberly Scrivner  
10-27-2021

# Walking

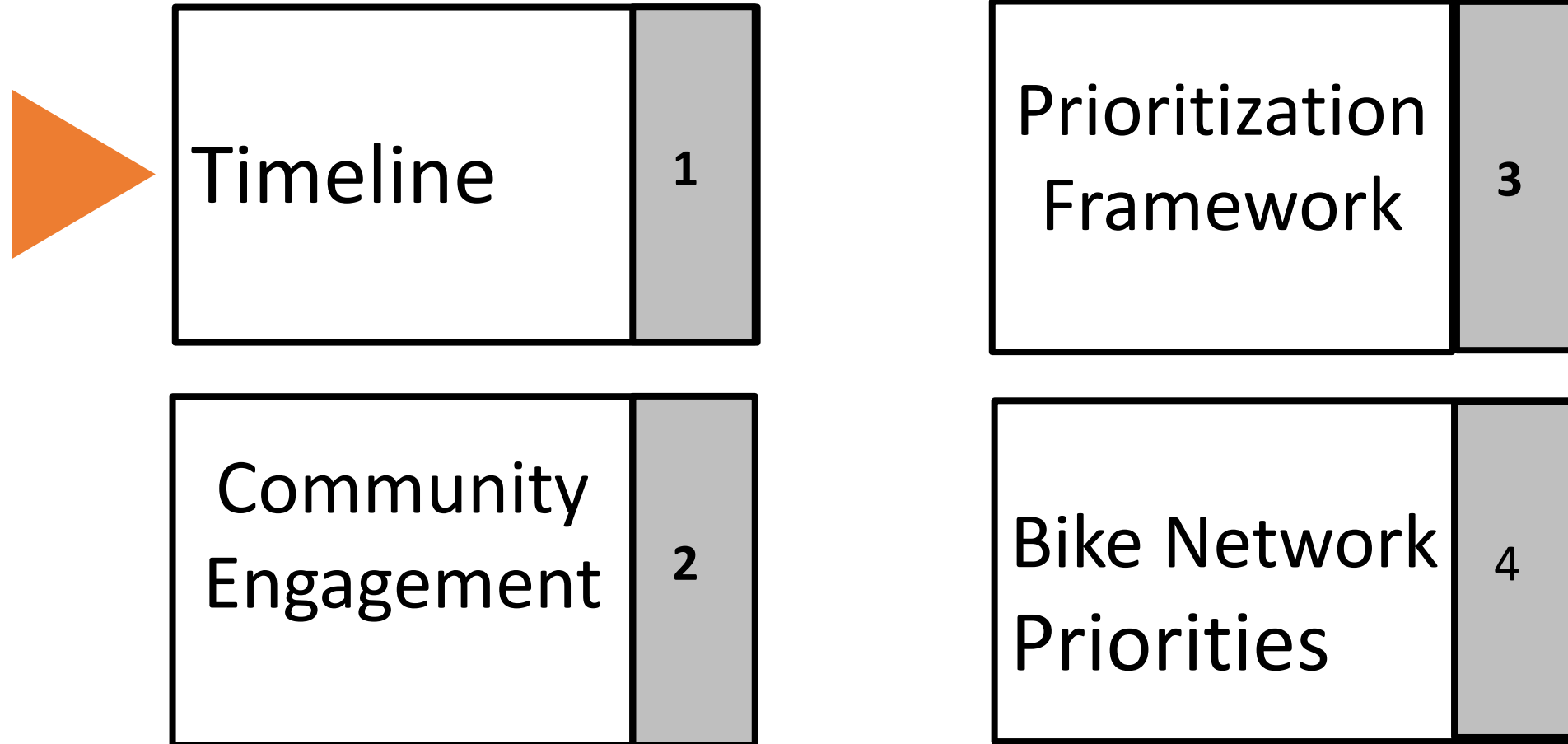




# Bicycling



# Active Transportation Plan Update



# Updated Timeline

- Engagement with public to continue through Dec. 1<sup>st</sup>
- Draft Plan to Transportation Commission for Dec 15<sup>th</sup> meeting (and out for public review shortly after)
- Work with Transportation Commission and Council winter and early spring 2022

# Active Transportation Plan Update

Timeline	1
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Prioritization Framework	3
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Community Engagement	2
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# Community Engagement

- Summary of Community Engagement on-line
- Pre-COVID Actions completed:
  - neighborhood meetings
  - interest group meetings
  - Walk and Bike to School month
  - Community meeting at City Hall
  - Transportation Commission
  - Events such as City Hall for All, Google lights (promoted survey)
  - Suggest a Project
  - Safe and Active Transportation survey – Nov 2019 to Jan 2020, **1,278 responses**
- 2020 Activities Cancelled:
  - extensive additional outreach to all neighborhood associations
  - Safe and Active Transportation Summit, March 28 2020

# Community Engagement

- 2021 ATP engagement (so far):
  - March 24th Transportation Commission
  - April 20th City Council Study Session
  - October 13<sup>th</sup> Kirkland Alliance of Neighborhoods
  - October 20<sup>th</sup> On-Line Community Engagement meeting (28 attendees)
  - October 27<sup>th</sup> Transportation Commission
  - Neighborhood Association meetings
  - on-line portal for comments (over 30 comments so far), open until Dec. 1st
  - offers to speak to other groups
- Next up:
  - on-line FAQ
  - more neighborhood association meetings scheduled
  - November 3<sup>rd</sup> – second on-line community engagement meeting
  - December 15<sup>th</sup> Transportation Commission



# Safe and Active Transportation Survey Results

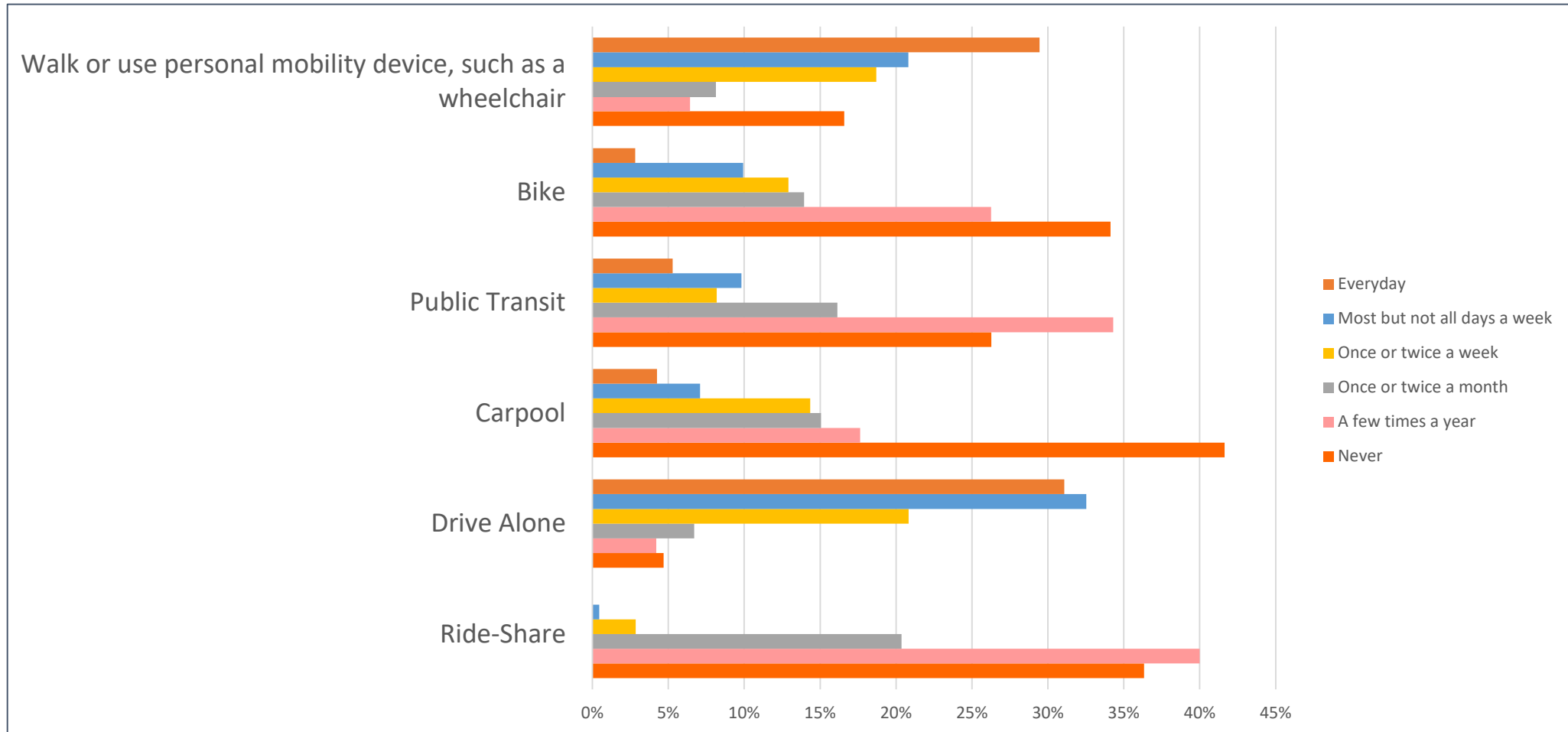
Safe and Active Transportation survey

Ran from Oct 2019 to Jan 2020

**Received 1,278 responses**

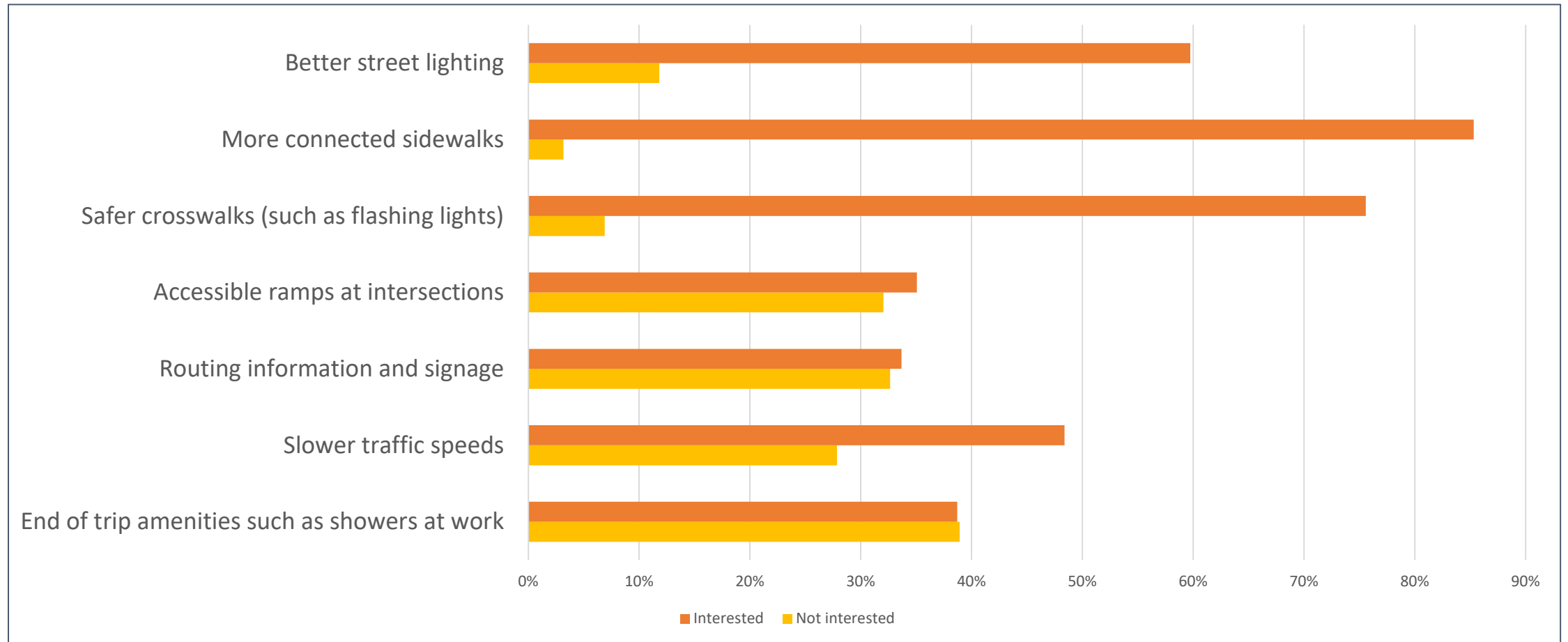
# Safe and Active Transportation Survey Results

In a typical month, which of the following transportation options do you use?



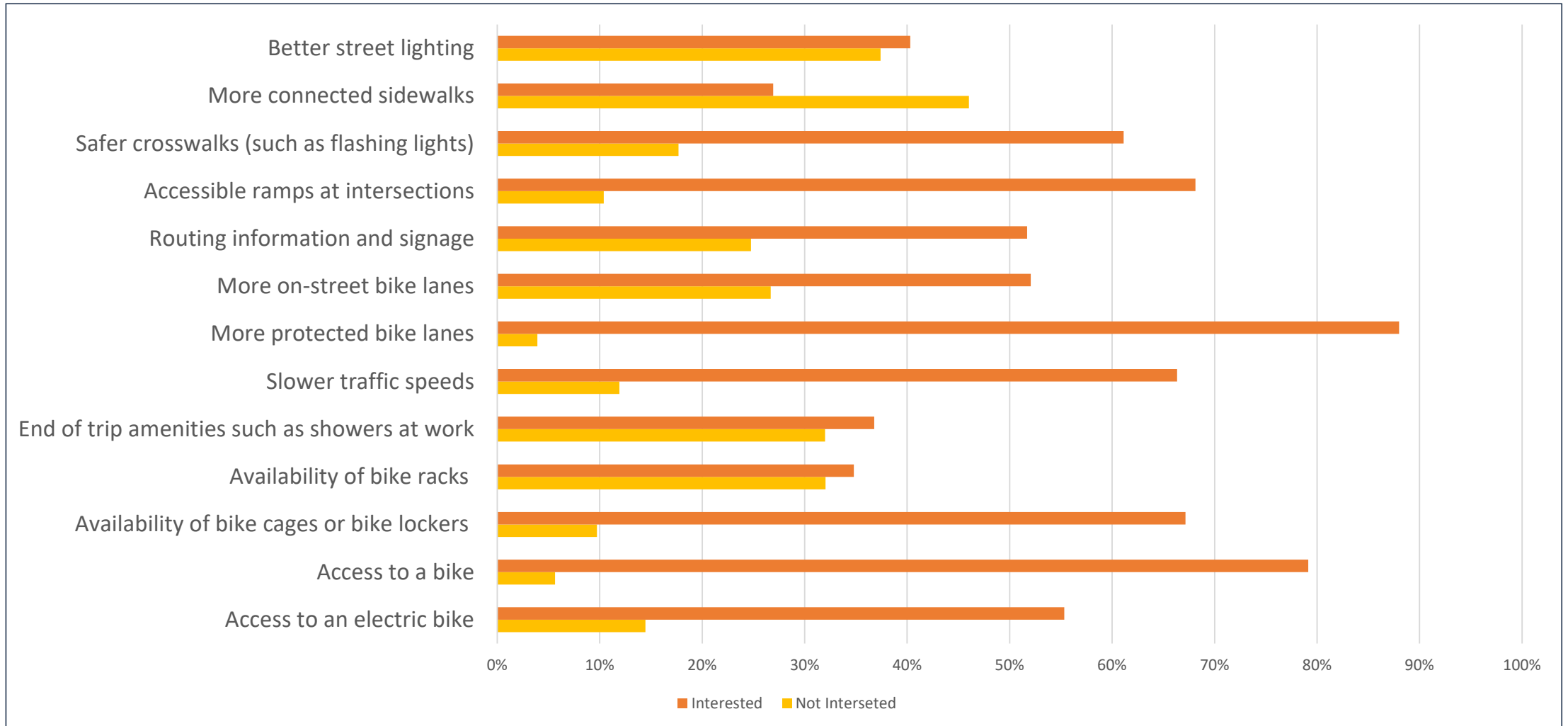
# Safe and Active Transportation Survey Results

For those that are interested in walking more, these physical features impact their decision to walk more (or less) often



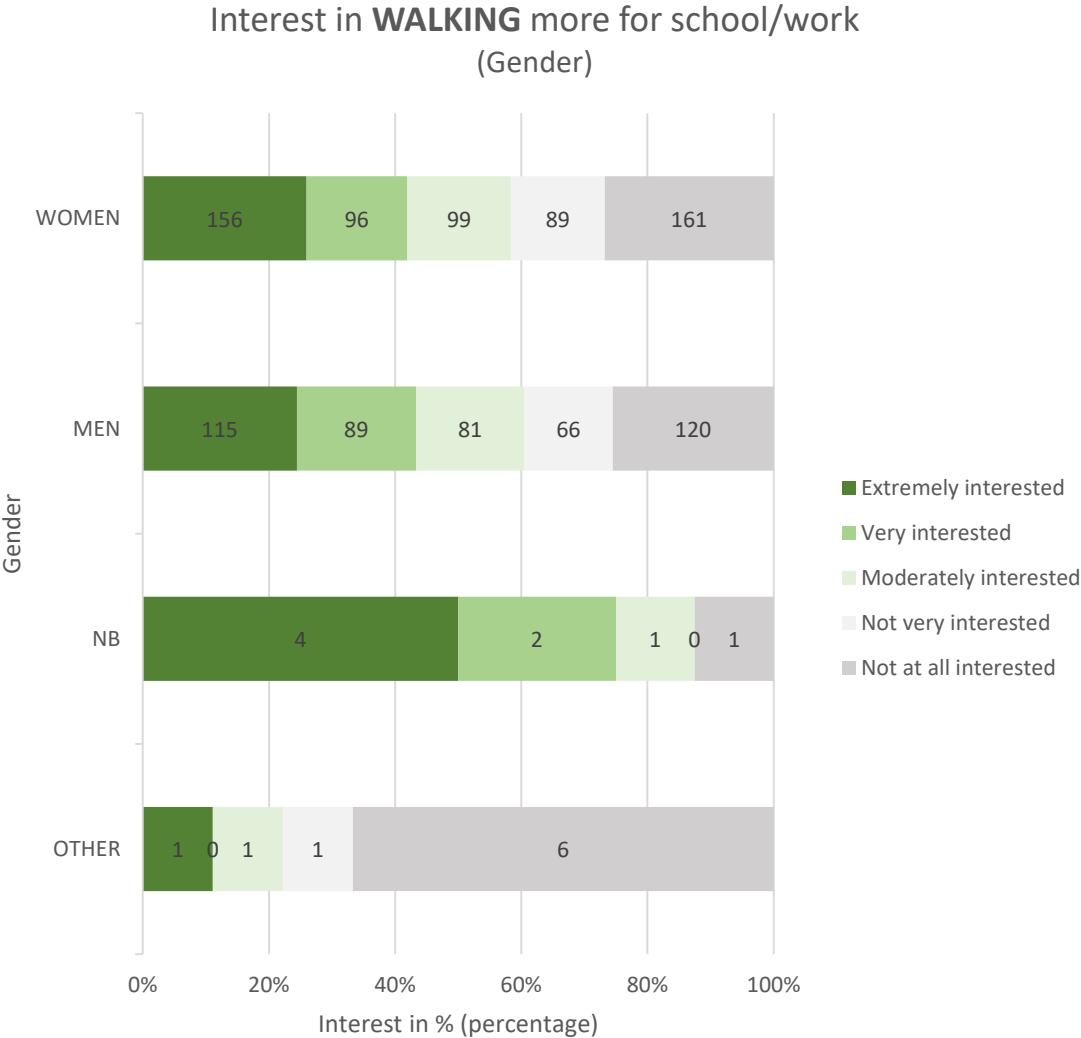
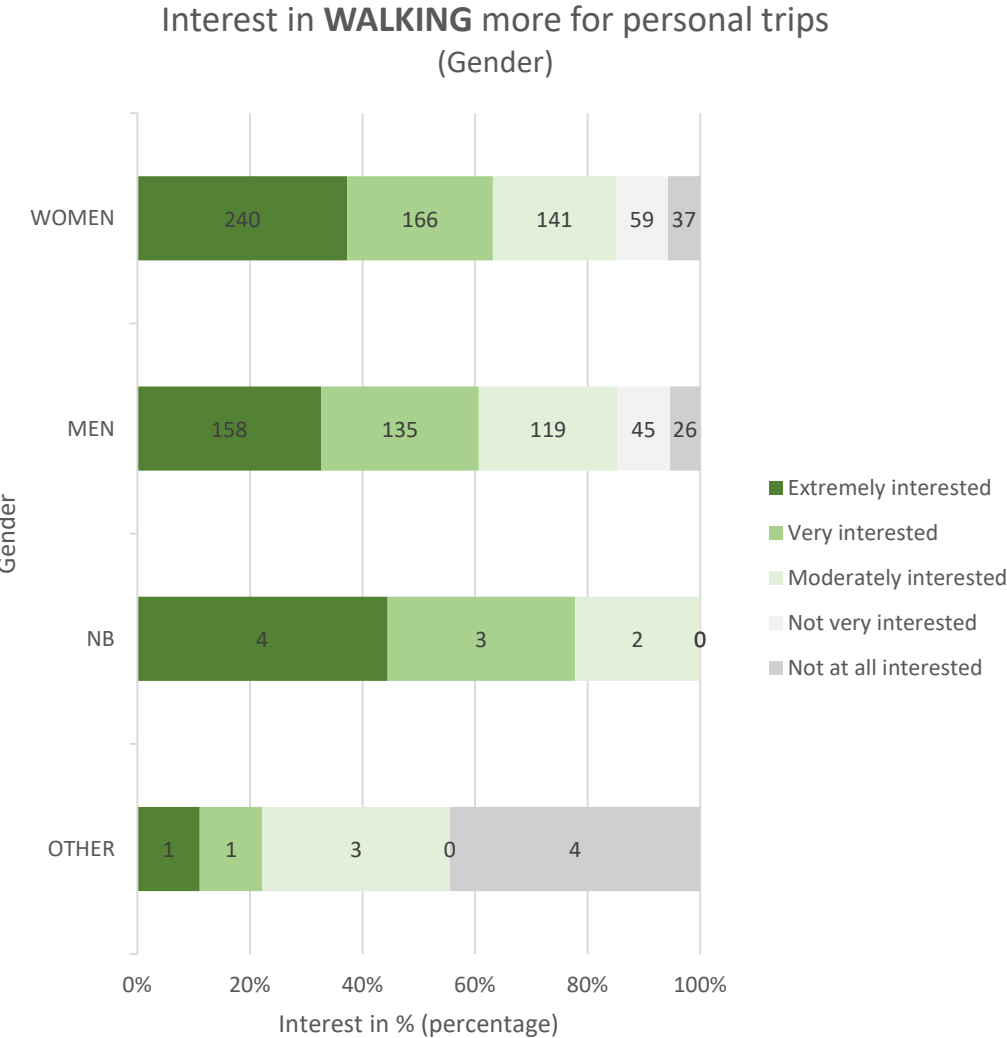
# Safe and Active Transportation Survey Results

For those that are interested in **biking** more, these physical features impact their decision to bike more often



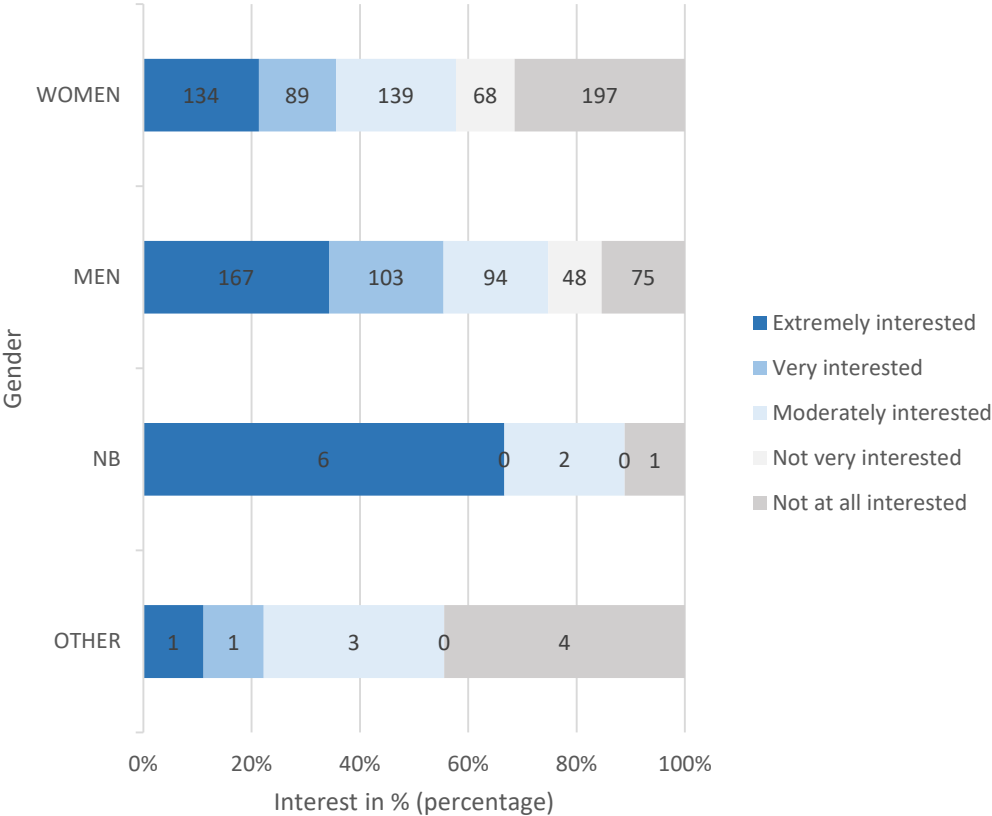


# Safe and Active Transportation Survey Results - Gender

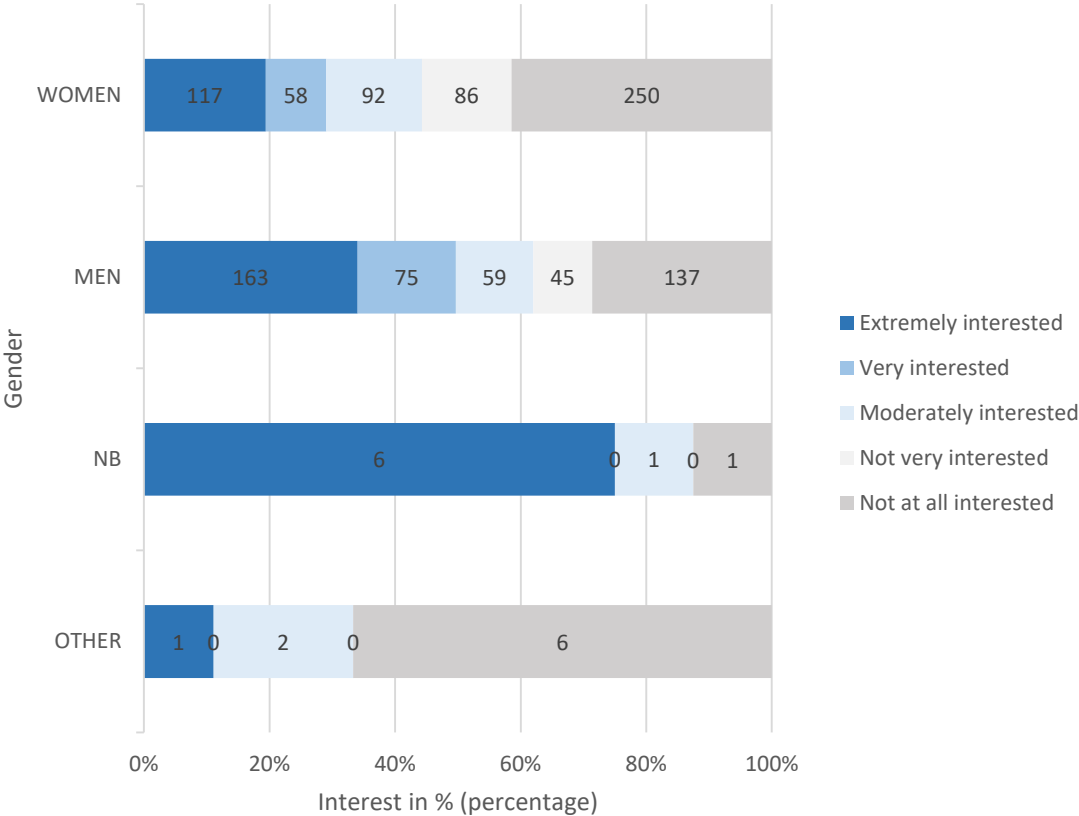


# Safe and Active Transportation Survey Results - Gender

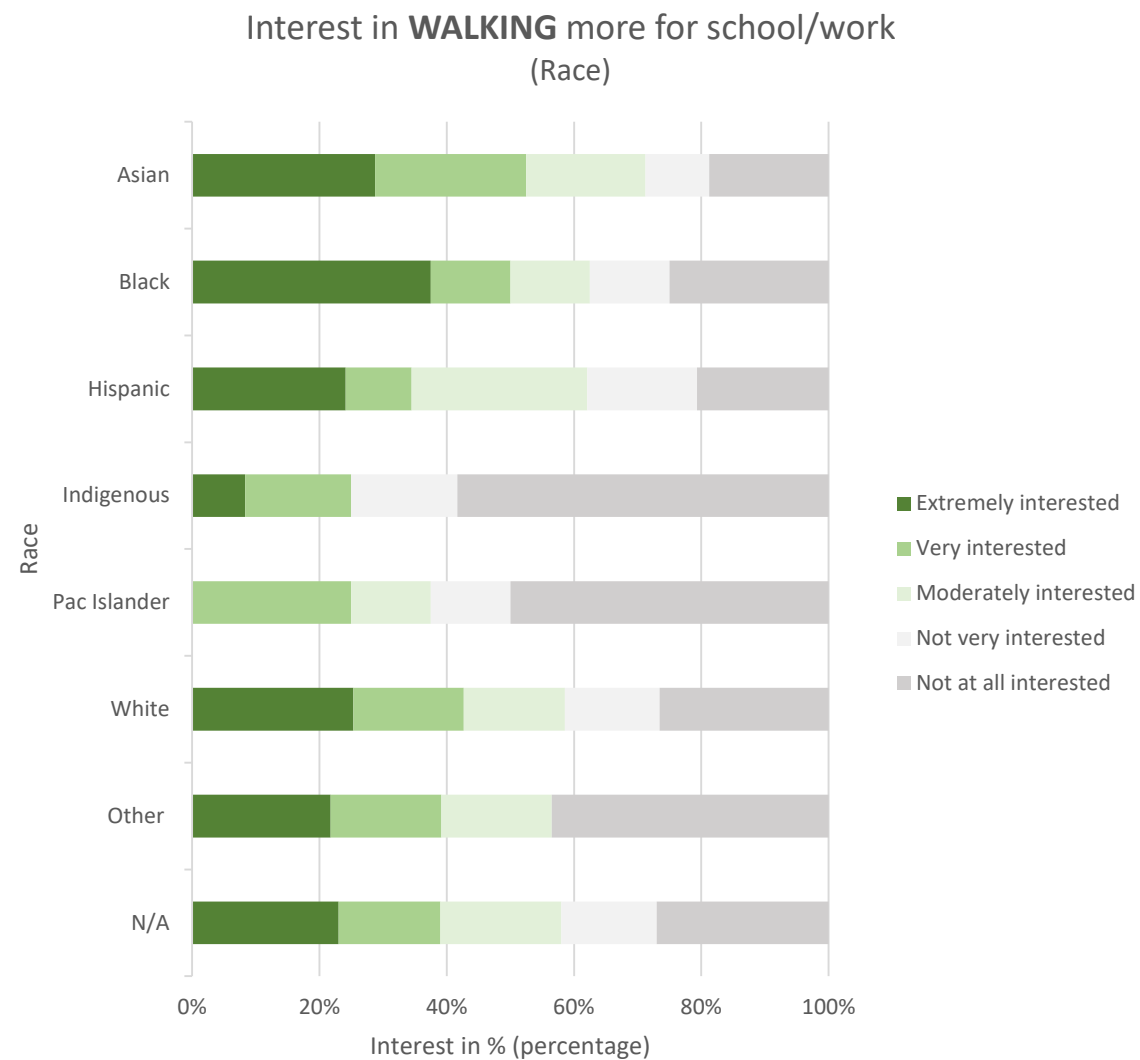
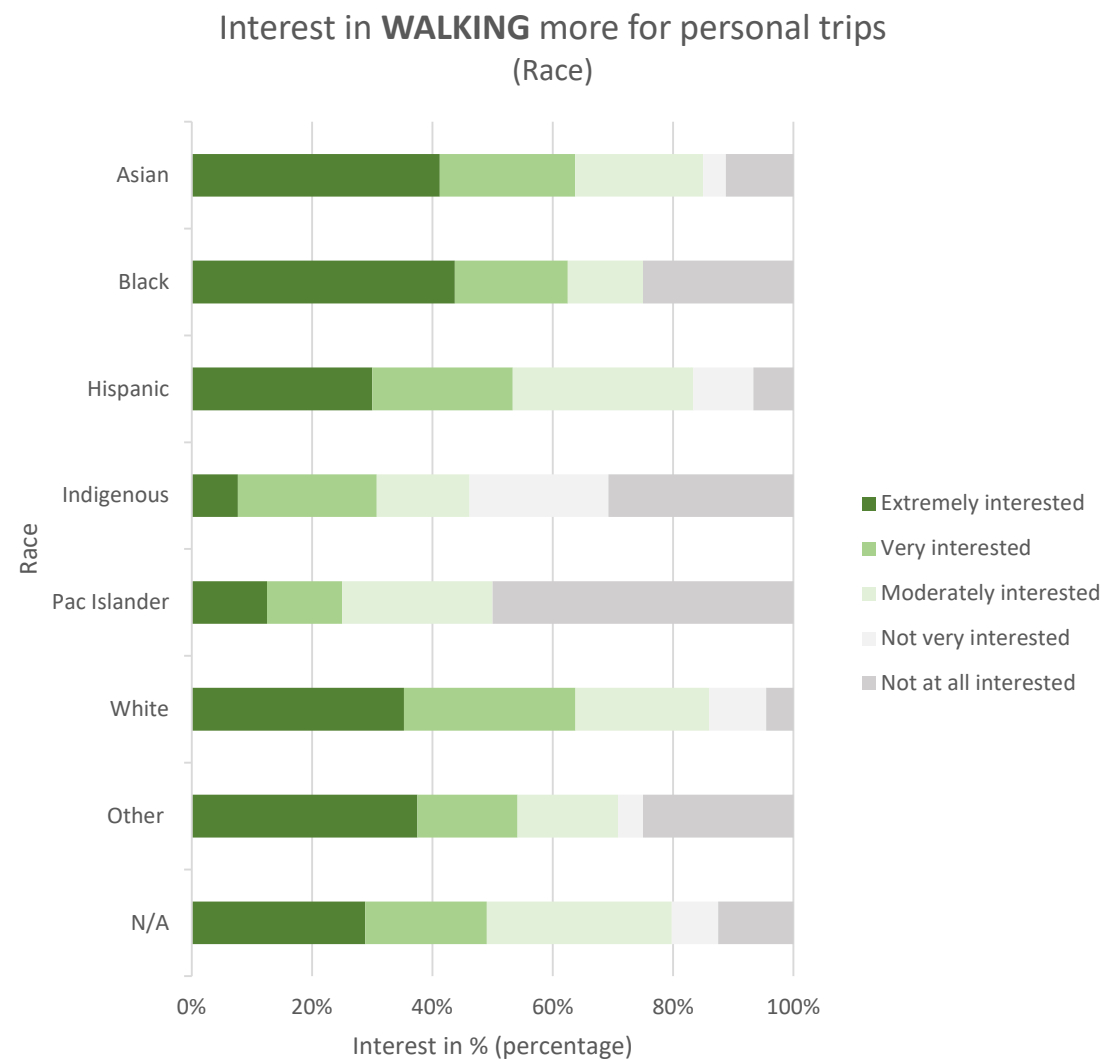
Interest in **BICYCLING** more for personal trips  
(Gender)



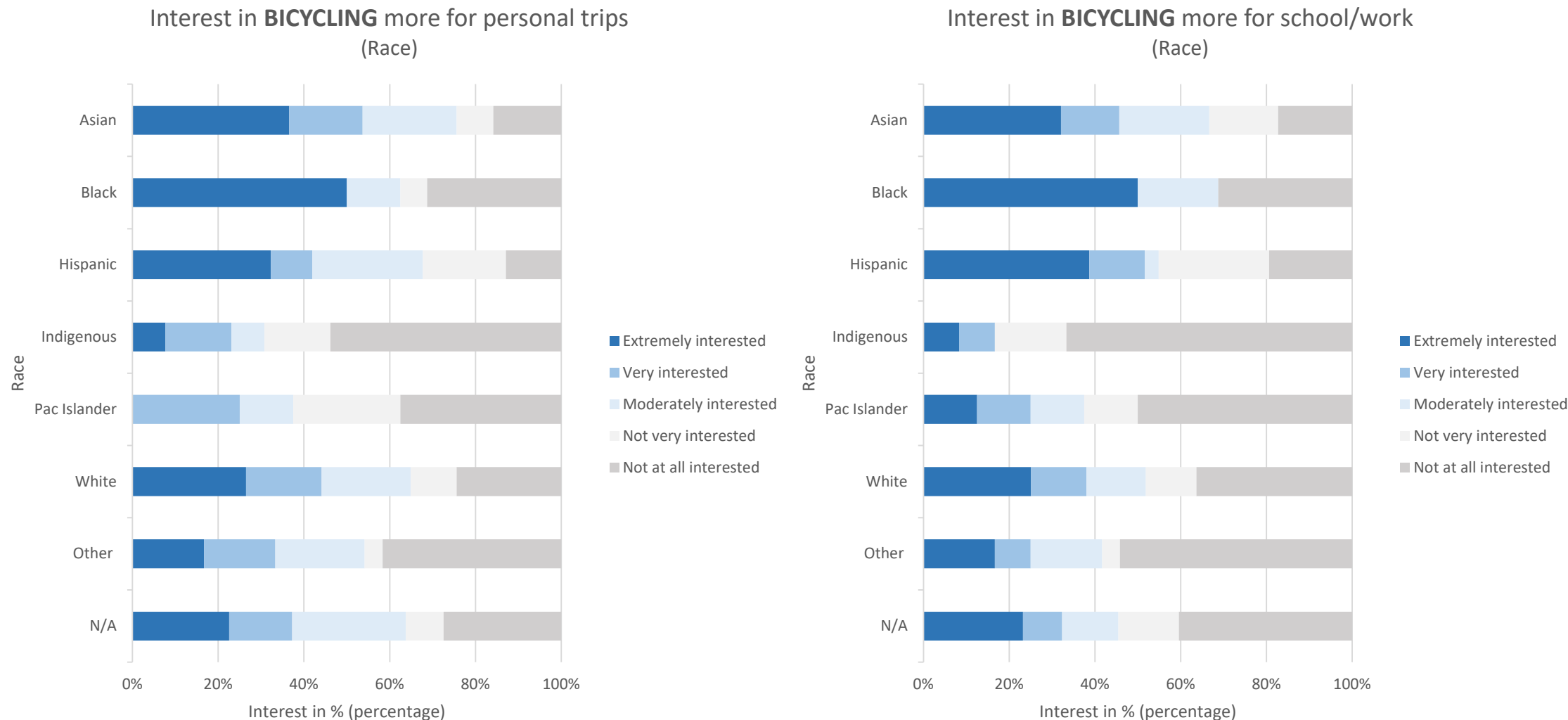
Interest in **BICYCLING** more for school/work  
(Gender)



# Safe and Active Transportation Survey Results - Race

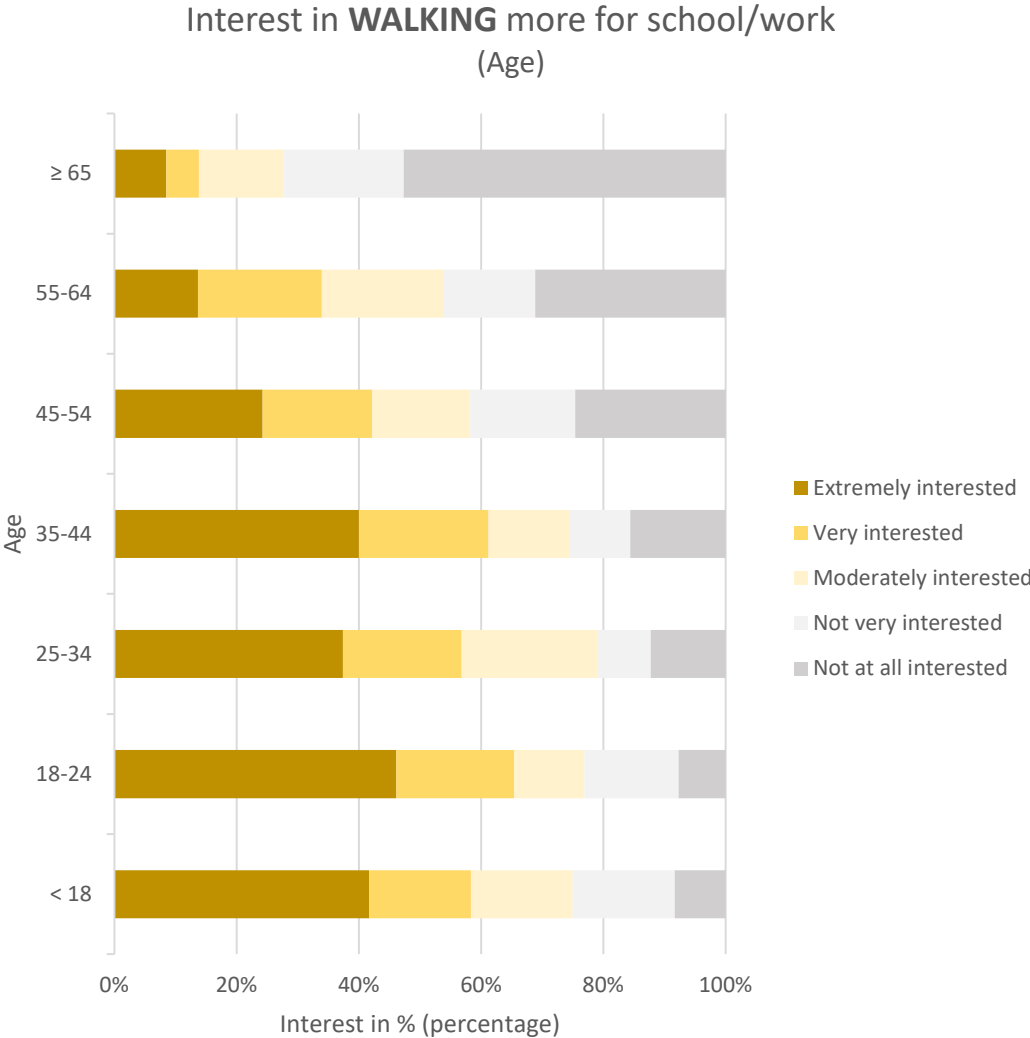
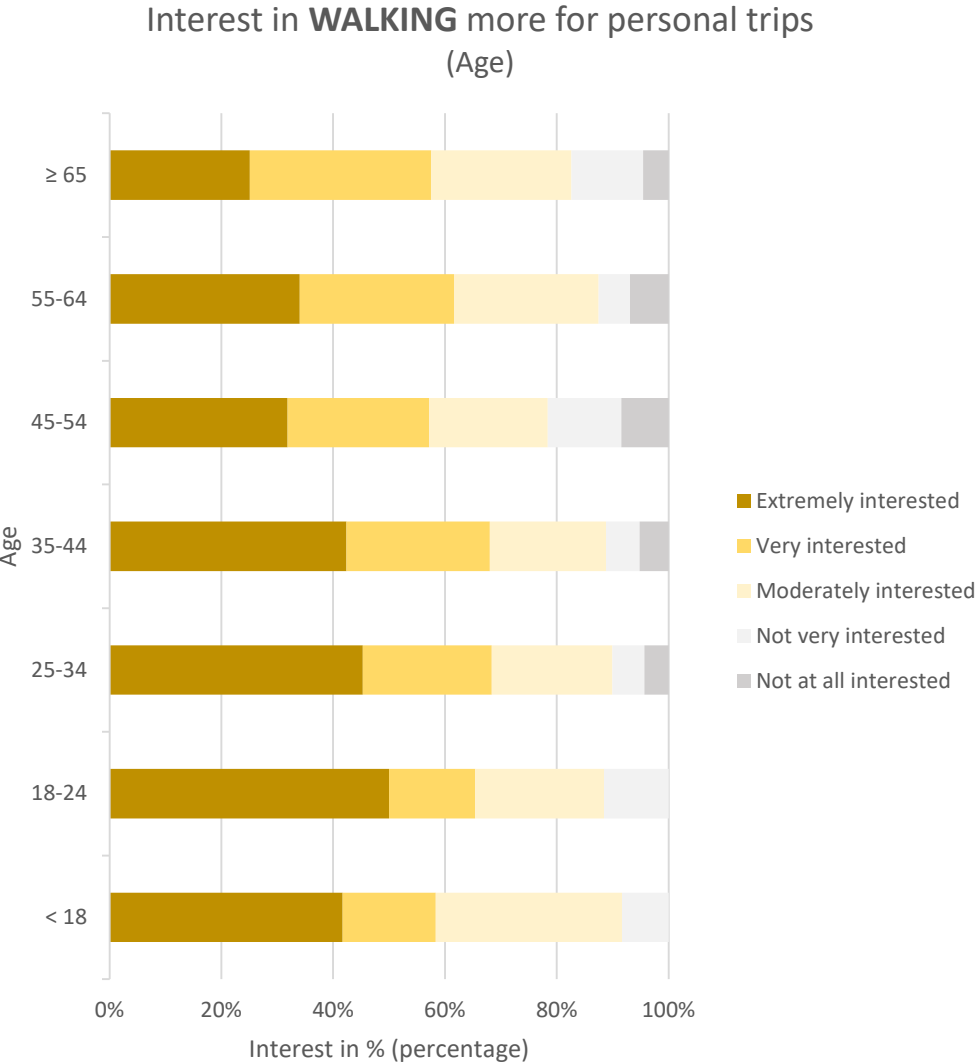


# Safe and Active Transportation Survey Results - Race



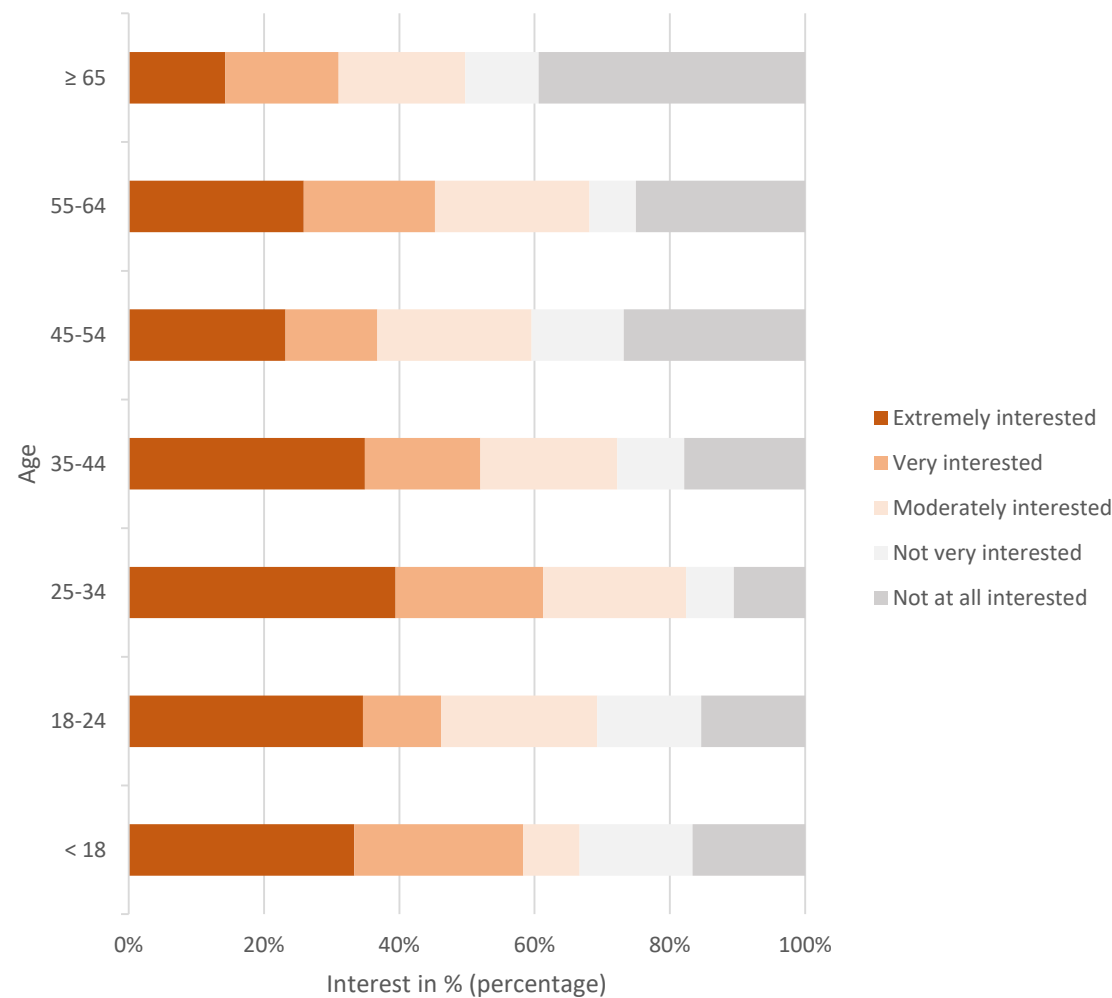


# Safe and Active Transportation Survey Results - Age

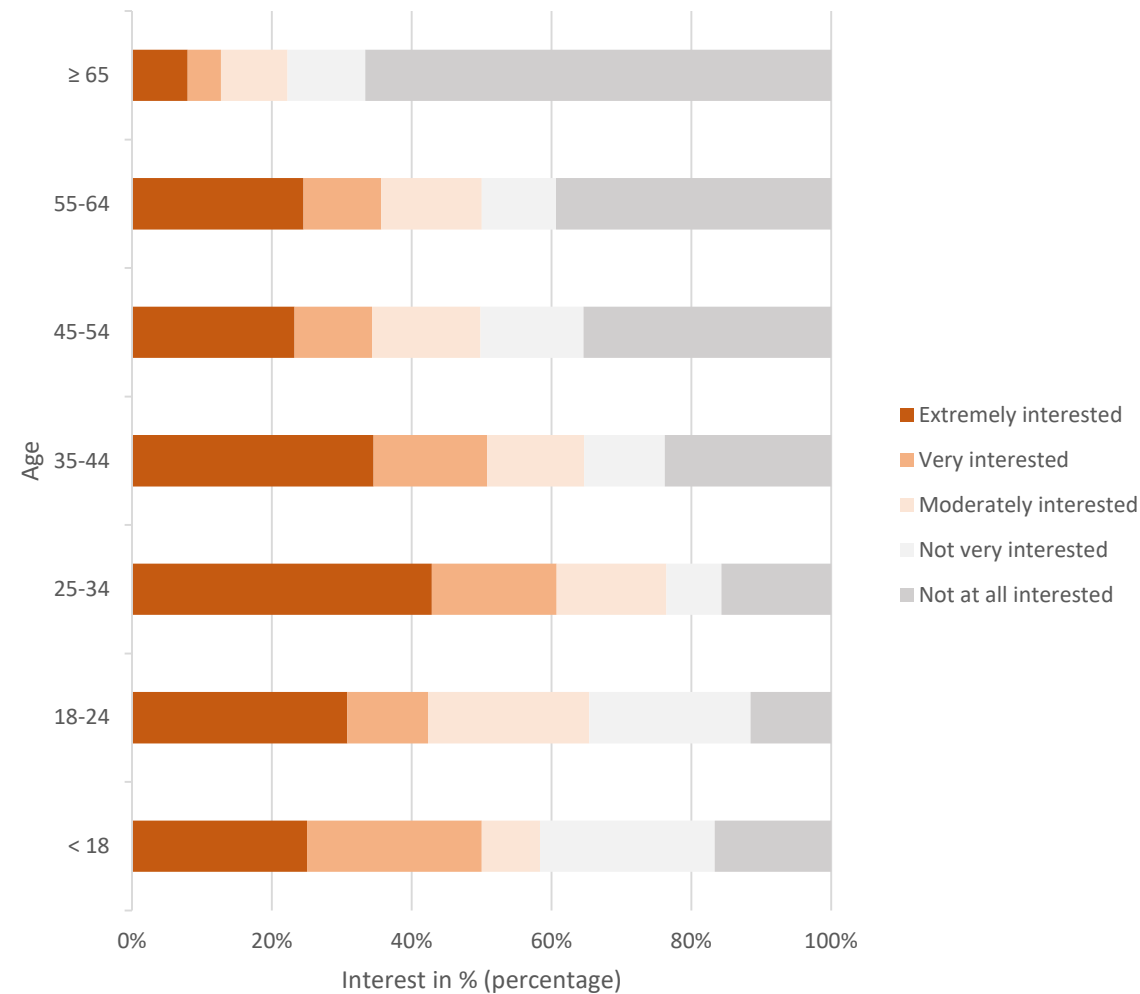


# Safe and Active Transportation Survey Results - Age

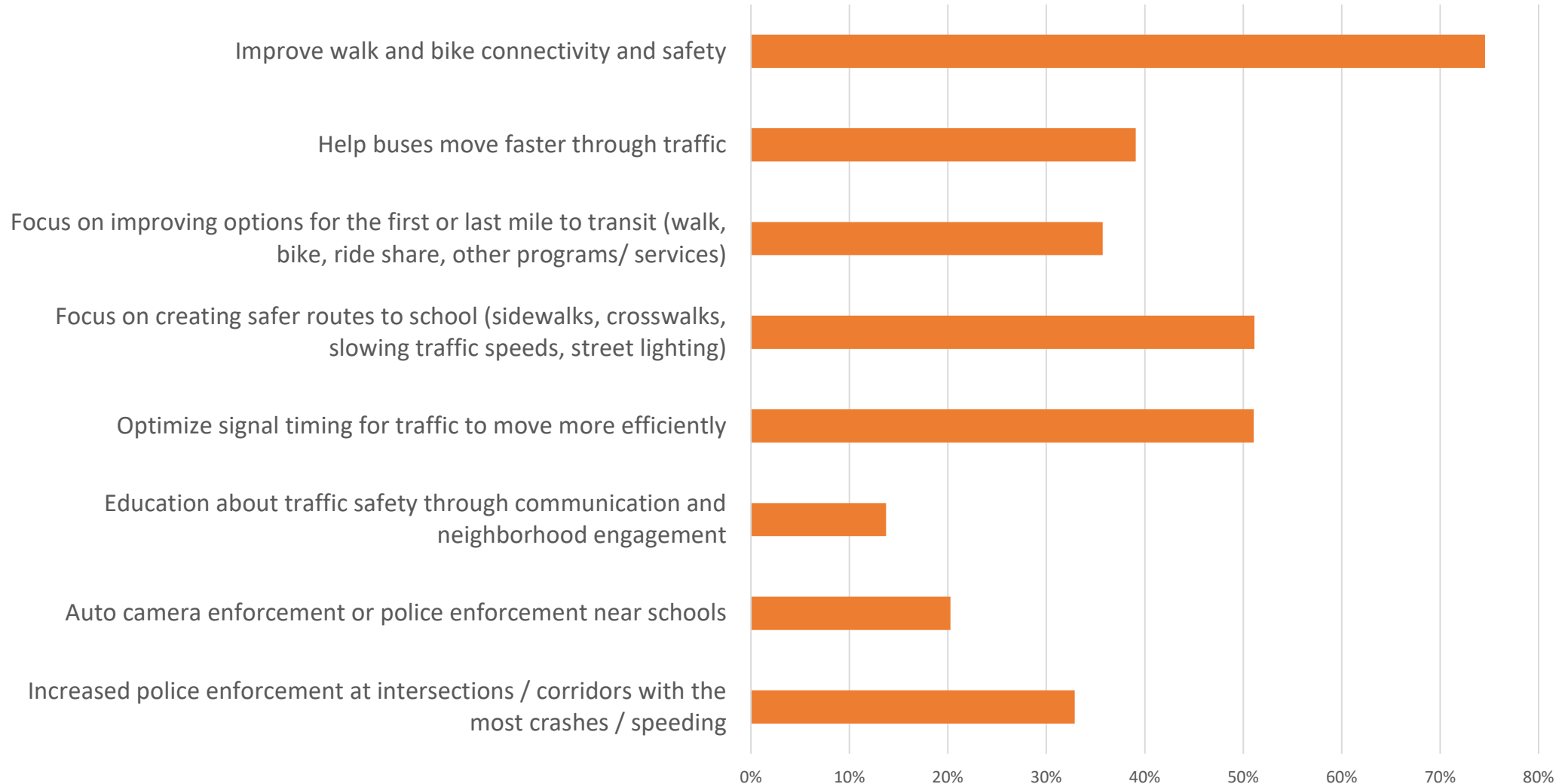
Interest in **BICYCLING** more for personal trips  
(Age)



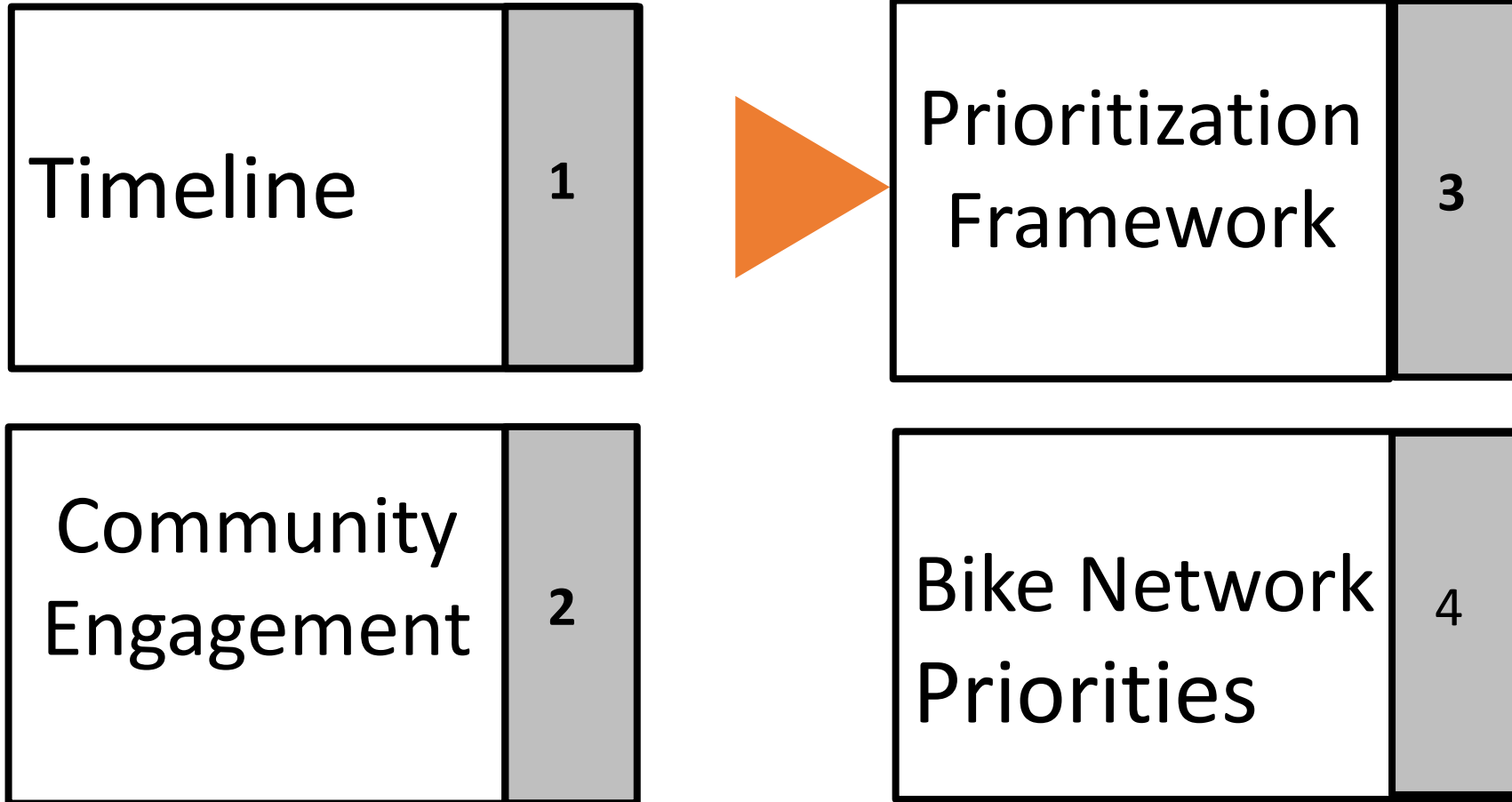
Interest in **BICYCLING** more for school/work  
(Age)



# Identify the following transportation improvements you think are most important for the City to focus on.



# Active Transportation Plan Update





# Bicycle Network Analysis

## Level of Traffic Stress (LTS)

- presence and **quality** of bicycle facilities
- number of lanes
- posted speed limit
- Average Daily Traffic (ADT)

## Bicycle Network Analysis (BNA)

Two census blocks are considered connected if there is an **unbroken low-stress connection**

## Prioritize by additional measures

- LTS and Crash Rates
- Access to transit, parks, activity centers, CKC
- Equity and overlay with SRTS priorities

## Apply Policy to Facility Type Designation



# Prioritization Framework

## Connectivity to Destinations Served

Factor	Pedestrian Measure	Bicyclist Measure	Score
Parks, Libraries, and Community / Senior Centers, (schools – bikes only)	# of destinations within 1/2 mile Score scaled by # of destinations	# of destinations within 1 mile Score scaled by # of destinations per mile	med
# of Transit Stops	Within ¼ mile of high frequency transit stop	Within ½ mile of high frequency transit stop	high
	within ¼ mile of non-high frequency bus stop	Non-high frequency bus stop within ½ mile Score scaled by # of stops per mile	low
	Location within ¼ mile of transit with no sidewalks on any side of the street	N/A	med
	Location within ¼ mile of transit with sidewalk on only one side of street	N/A	low
Schools	Along SRTS sidewalk project scored as high priority	N/A	med
	Along SRTS sidewalk project	N/A	low
Proximity to Activity Centers	Within ½ mile Score scaled by distance	Within 1 mile Score scaled by distance	med
Proximity to Cross Kirkland Corridor access point	Within ½ mile scaled by distance	Intersects access point	med

# Prioritization Framework

## Connectivity

Factor	Pedestrian Measure	Bicyclist Measure	Score
Bicycle Network Analysis	N/A	Bike Network Analysis score Lowest scoring BNA locations receive the highest score.	high

## Safety & Comfort

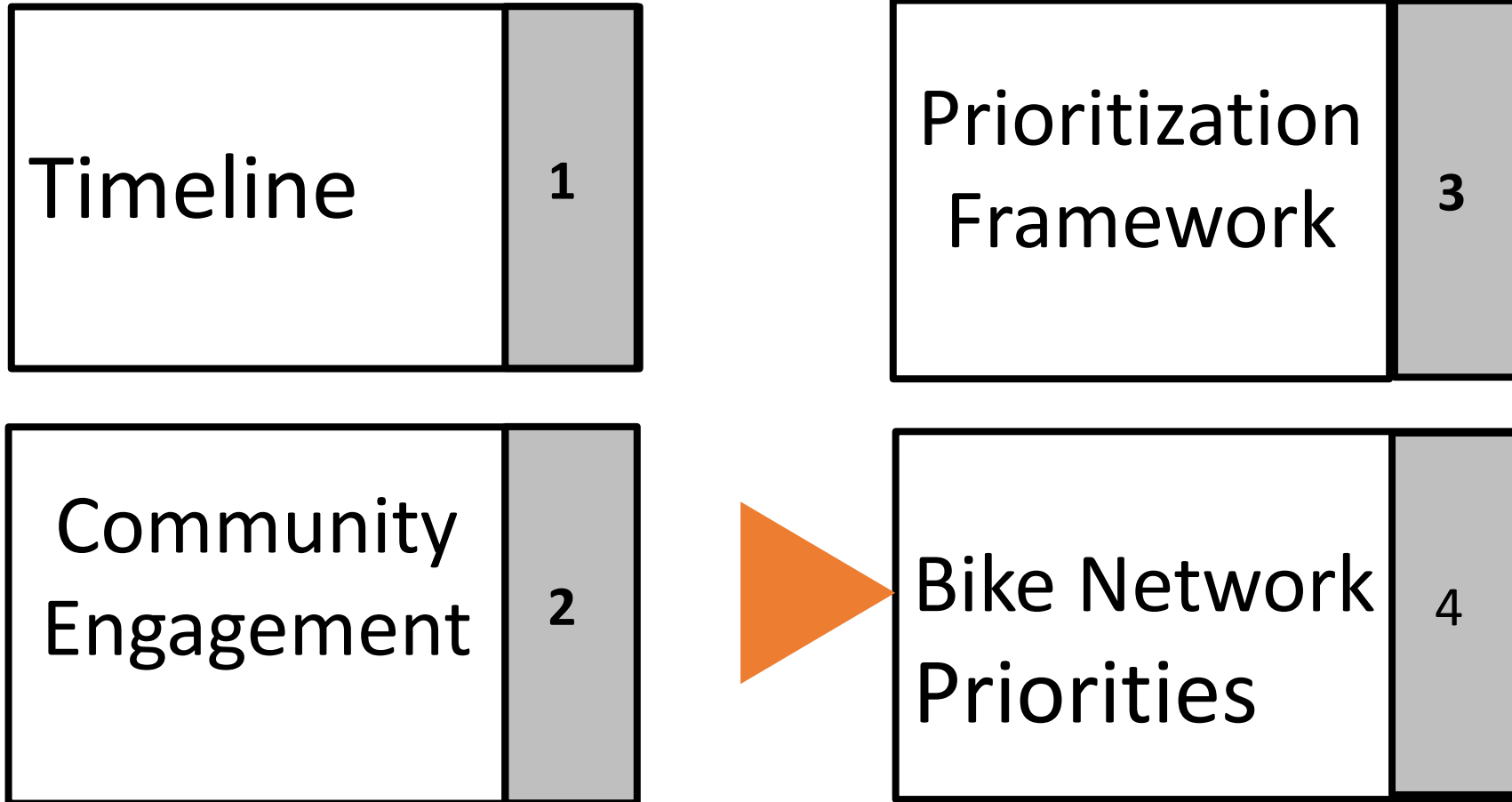
Factor	Pedestrian Measure	Bicyclist Measure	Score
Level of Traffic Stress	N/A	High-stress under existing conditions	High+
Crash History	weighted crashes on a per mile basis (sliding window analysis)		High+

# Prioritization Framework

Equity		
	Pedestrians and Bicycle Measure	Score
	% of population who is non-white	med
	% of population under 17 and above 65 years of age	med
	% of population who identify as disabled	med
	% of population living in poverty	med



# Active Transportation Plan Update



# Bicycle Network Priorities

2021 Draft Active Transportation Plan

[Background](#)

[Draft Plan Details](#)

[Implementation Plan](#)

[Timeline](#)

The map to the right shows both the existing bike facilities and the proposed improvements to be made to the bike network, as part of the 2021 ATP update. For an interactive web map highlighting the bike network recommendations and prioritizations of corridors, click the button below.

[Interactive Bike Network Web Map](#)

