

2024 Citywide Mobility Survey Results

Prepared by NYC DOT and RSG





Objectives and Methodology

Survey Objectives

Designed to capture:

- 1 Changes in travel behavior
- 2 Baseline transportation conditions
- 3 Experience of and opinions on transportation
- 4 Equity of access to transportation across the city
- 5 Data for modeling transportation behavior

Getting Input from All New Yorkers

Goal: recruit a group of survey respondents that reflect NYC's diversity in terms of race, income, disability status, and language spoken.

How we get there:

Recruitment

Random selection of addresses across the city reduces bias

Oversampling

Extra invites sent to low-income and limited-English areas

Multiple methods

Smartphone app / Web survey / Phone interview options

Multiple languages

English / Spanish / Chinese

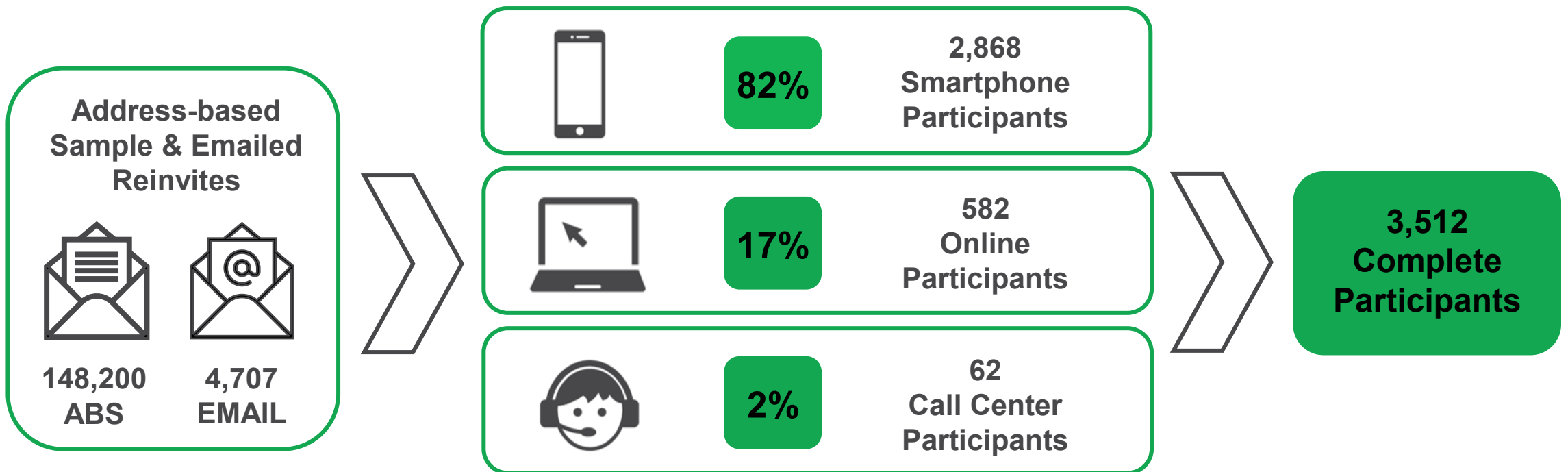
Weighting

Adjust results to correct for any imbalances

Survey Design

2024 CMS used a similar design to 2022

Sampling methodology included both **address-based sampling** (2,406 completes, 69% of sample) and **reinvited 2019/2022 participants** (1,106 completes, 31% of sample).



2024 Survey Overview



3,512

PARTICIPANTS



18,970

TRAVEL DAYS

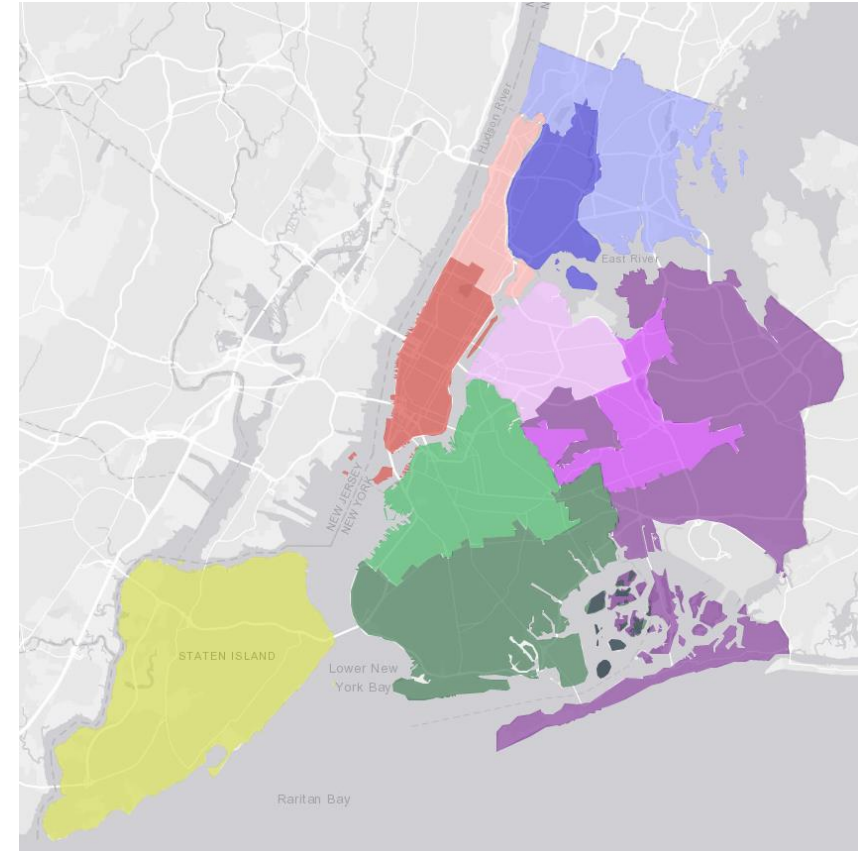


109,465

TRIPS

Summary

- Survey fielded from **May 6, 2024, through June 22, 2024.**
- **Smartphone participants participated in a 7-day travel diary.**
- **Online and call center participants participated in 1-day travel diary.**
- Same questionnaire was used for all participants.
- Participants completed the survey in English (3,421), Simplified Chinese (49), and Spanish (53).



Sample Profile Overview

Demographic Breakdown		Weighted Sample	ACS 1-Year Average (2023)
Age	18 – 24	10%	10%
	25 – 44	38%	38%
	45 – 64	31%	30%
	65 and older	21%	22%
Gender	Female	53%	52%
	Male	47%	48%
Race	American Indian	2%	1%
	Asian	16%	15%
	Black or African American	22%	22%
	Native Hawaiian	0%	0%
	White	35%	34%
	Two Races or More	14%	12%
	Other	12%	16%
Ethnicity	Hispanic	27%	28%
	Non-Hispanic	73%	72%

Demographic Breakdown		Weighted Sample	ACS 1-Year Average (2023)
Income	Under \$25,000	17%	20%
	\$25,000-\$49,999	13%	16%
	\$50,000-\$100,000	27%	24%
	\$100,000-\$199,999	24%	24%
	\$200,000 or more	18%	17%
Borough	Manhattan	24%	19%
	Brooklyn	30%	31%
	Queens	25%	27%
	Bronx	16%	16%
	Staten Island	5%	6%
Employment Status	Employed	66%	64%
	Not employed	34%	36%
Disability	Any disability	12%	13%

- Weighting targets were: Household Size, Income, Number of Adults, Presence of Children, Gender (Imputed if non-response), Age, Employment, University Student Status, Educational Attainment, Race, Ethnicity, Gender by Ethnicity, Gender by Race



Survey Results - Summary Overview

Mode Share: All Trips

Citywide* Main Mode Share	2019	2022	2024
Walk	35.1%	37.3%	37.6%
Transit	24.7%	17.3%	20.7%
Bike/Micromobility	2.4%	3.1%	2.9%
Total Sustainable Mode Share	62.2%	57.7%	61.2%
Car	37.7%	41.9%	38.5%
Other	0.1%	0.3%	0.2%
Total	100%	100%	100%

*Trips that started and ended in the city

Mode Share: Commuting

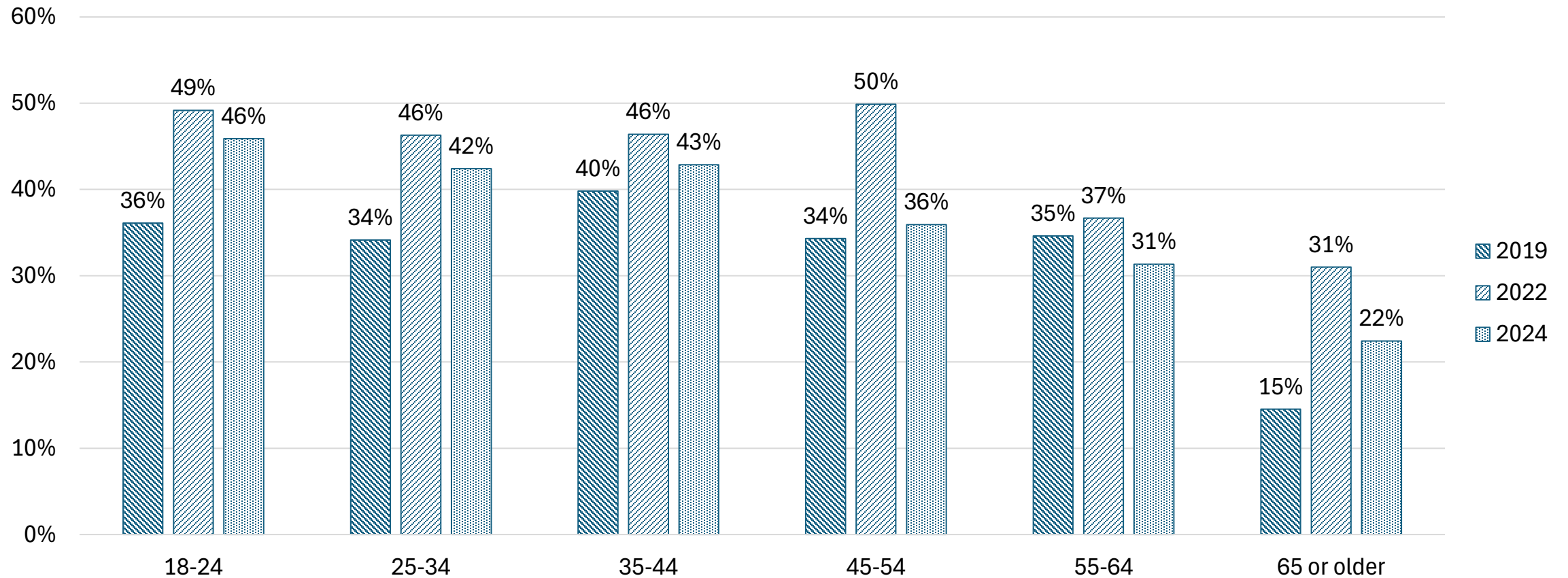
Commute Main Mode	2019	2022	2024
Walk	6.3%	8.1%	8.9%
Transit	58.1%	50.4%	52.9%
Bike/Micromobility	3.1%	3.4%	3.3%
<i>Total Sustainable Mode Share</i>	67.5%	61.9%	65.1%
Car	25.8%	27.3%	24.0%
Other	1.8%	1.1%	1.9%
WFH	4.9%	9.7%	9.1%
Total	100%	100%	100%

Trip Purpose

Trip main purpose	2019	2022	2024
Social/Recreation	19%	15%	21%
Work or related	21%	21%	20%
Shop	27%	17%	17%
Meal	13%	13%	14%
Dropped off, picked up, or accompanied another person	7%	15%	12%
Errand/Other	12%	11%	9%
School or related	2%	3%	1%
Other (unknown)	NA	6%	6%
Total	100%	100%	100%

Biking by Age Group

Share of those who biked at all for each age group



Biking by Gender

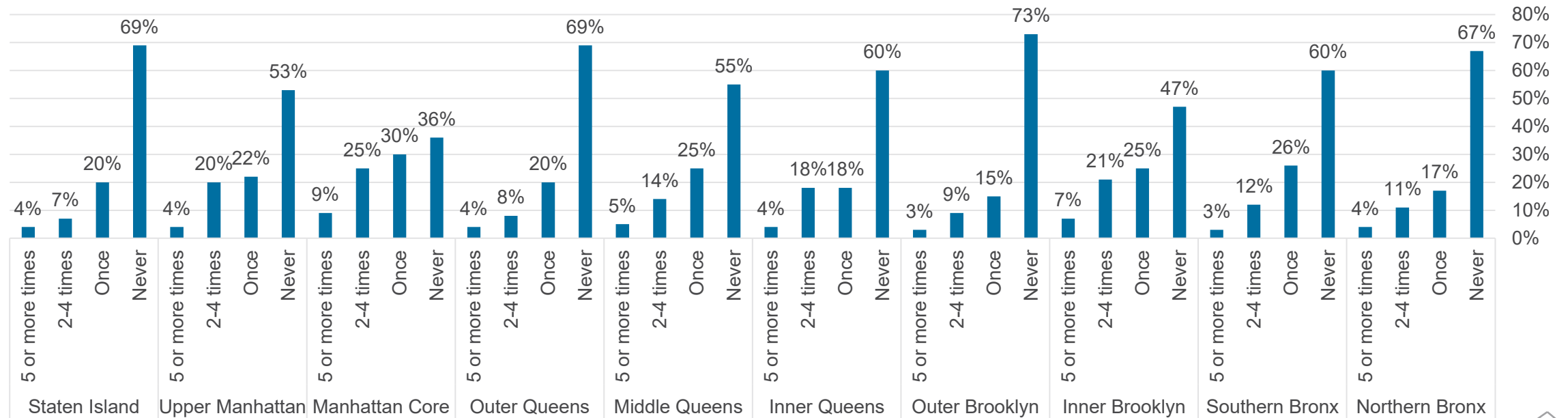
	2019		2022		2024	
	Women	Men	Women	Men	Women	Men
Citywide Mobility Survey						
Percent of all bike trips	28%	72%	30%	70%	27%	73%
Of those who biked once a week	25%	75%	36%	64%	30%	70%
Of those who biked at all	39%	61%	47%	53%	38%	62%

Open Streets

Q: In the last month, how often have you visited an Open Street?

Open Streets prohibit all or most vehicle traffic providing more open space for pedestrians and cyclists and, in some cases, outdoor dining and community events

Open Street frequency	Citywide share
5 or more times	5%
2-4 times	13%
Once	22%
At least once	40%
Never	60%
Total	100%

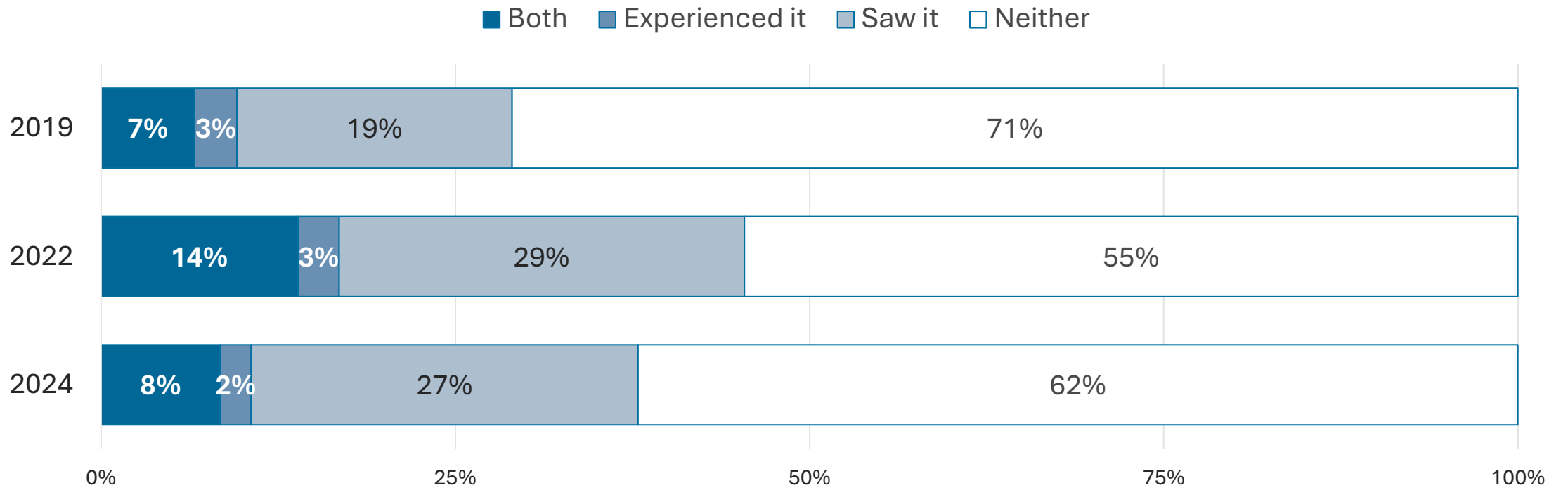


Online Shopping and Deliveries

Type of Delivery	2019 %	2022 %	2024 %
Had deliveries on travel day	31.4%	41.1%	40.5%
Received package at home	21.1%	30.6%	31.4%
Take-out/prepared food delivered to home	4.8%	8.3%	8.2%
Groceries delivered to home	1.9%	3.3%	2.7%
Received packages at another location	1.3%	2.3%	1.6%
Bought goods online and then picked up in store	NA	1.6%	1.5%
Other item delivered to home	1.7%	0.6%	0.9%
Received person packages at work	2.0%	1.1%	0.7%
None of the above	68.6%	58.9%	59.5%

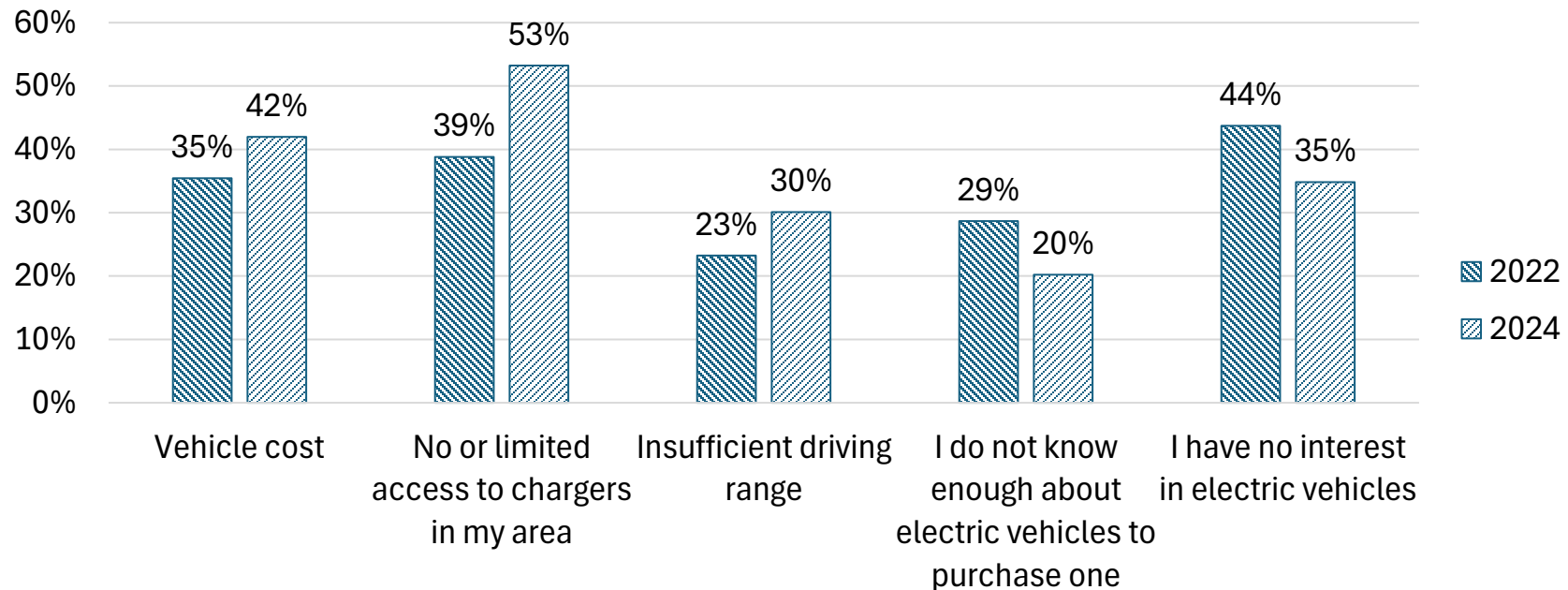
Street Harassment

Q: Have you seen and/or experienced visual, verbal, or physical harassment/violence when traveling?



EV Purchase Barriers

If household has 1 or more vehicles and fuel type of primary vehicle driven is not electric, they are asked if they are considering purchasing an EV. If not, or considering but not likely to purchase, they are asked to select the barriers.





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MOBILITY
SURVEY

Thanks!