

# **2022 NYC CMS QUESTIONNAIRE**

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#### 1.0 ACTIVATION

#### 1.1 [ACCESS\_CODE]

Please enter your access code.

## 1.2 [MEMBER\_1\_EMAIL]

Please enter your email so we can send you a new, secure participation code.

## 1.3 [PARTICIPATION\_CODE]

We just sent your new participation code to <email>.

Please enter that code here once you receive it. This may take a few minutes.

\*Please keep track of this code. You will use this code any time you need to log back in.

## 1.4 [LANGUAGE]

#### 1.5 [TERMS\_AND\_AGREEMENT]

#### 2.0 SIGNUP SURVEY

### **2.1** [INTRO]

#### Thank you for your participation!

The purpose of the NYC Citywide Mobility Study is to understand the travel patterns and needs of residents like you. Your participation is important to us, and your responses will impact future transportation planning decisions throughout the five boroughs of New York City.

This study is conducted by Resource Systems Group, Inc. for the New York City Department of Transportation (NYC DOT).

We are committed to protecting the confidentiality, integrity, and security of your personal information. We take this responsibility seriously. Our privacy documentation is intended to help you understand how we collect and safeguard your information. Please <u>click here</u> to view our privacy documentation. If you have any questions or concerns, please <u>contact us</u>. You may also visit the study website at **nycmobilitysurvey.com**.

By clicking 'Next,' you consent to the study's privacy documentation provided above.

#### 2.2 [INCENTIVE\_TYPE]

Would you like to receive a gift card after completing the study?

- Yes, please send me an Amazon e-gift card (delivered by email) hide if call center URL
- Yes, please send me a Target e-gift card (delivered by email) hide if call center URL
- Yes, please send me a Starbucks e-gift card (delivered by email) hide if call center URL
- o Yes, please send me a CVS e-gift card (delivered by email) hide if call center URL
- Yes, please send me a Visa gift card (delivered by mail)
- o No, prefer no gift card

#### 2.3 [INCENTIVE\_MAIL\_ADDRESS]

if selected a Visa mailed gift card for incentive type

Where should	we mail your	Visa gift card	l after your	household	completes th	e study?
Name:						

Street Address:

Suite, Apt, Unit:

City:

State:

Zip Code:

[member\_1\_name]

First, we will ask a short set of questions about you and your travel preferences.

Please provide your initials or a nickname.

## 2.4 [NUM\_VEHICLES]

#### How many registered motor vehicles are in your household?

Include vehicles available for use (e.g., don't include vehicles away at college, broken down vehicles).

- o 0 (no vehicles in my household)
- 0 1
- 0 2
- 0 3
- 0 4
- 0 5
- 0 6
- 0 7
- o 8 or more

## 2.5 [VEHICLE\_DETAILS]

show if number of vehicles > 0

Please provide the year, make, & model for each vehicle (e.g., 2011 Ford F-150).

## 2.6 [FUEL\_TYPE]

Logic: show if number of vehicles > 0

What type of fuel does each vehicle use?

- o Gas
- o Hybrid (HEV)
- Plug-in hybrid (PHEV)
- Electric (EV)
- o Diesel
- Flex fuel (FFV)
- Other (e.g., natural gas, bio-diesel)

## 2.7 [NUM\_PEOPLE]

#### How many OTHER people live in your household?

Please include all other adults, children, and roommates who normally live with you. Do not include people who are currently living away from home (e.g., away at college, active duty military).

- 0 (I live alone)
  1
  2
  3
  4
  5
  6
  7
  8
  9
  10
  11
- 2.8 [OTHER MEMBERS NAMES]

if household size is greater than 1

o 12 or more people live with me

Please provide an initial/nickname for the OTHER people in your household.

This will save you time as you complete the survey.

if household size is greater than 1

#### What is each person's relationship to you?

- Spouse, partner
- o Child, child in-law
- o Parent, parent in-law
- o Sibling, sibling in-law
- o Other relative (grandchild, cousin)
- Nonrelative (friend, roommate, household help)

## 2.9 [AGE]

#### What is the age range of each person?

- Under 5 if not household member 1
- o 5-15 if not household member 1
- 16-17 if not household member 1
- 0 18-24
- 0 25-34
- 0 35-44
- 0 45-54
- 0 55-64
- 0 65-74
- 0 75-84
- o 85 or older

#### 2.10 [EMPLOYMENT]

Jobs affect many people's transportation needs.

#### As of today, what is each person's employment status?

- Employed full-time (paid)
- Employed part-time (paid)
- Employed, but not currently working (e.g., on leave, furloughed 100%)
- Self-employed
- Unpaid volunteer or intern
- Unemployed and looking for work
- Not employed and not looking for work (e.g., retired, stay-at-home parent, student)

## **2.11** [NUM\_JOBS]

if household has 1 or more participating members employed full/part/furloughed/self/volunteer

How many jobs does each person have?

- 0 1
- 0 2
- 0 3
- 0 4
- 0 5
- o 6 or more

## **2.12** [JOB\_TYPE]

if household has 1 or more participating members employed full/part/self/volunteer

As of today, which of the following best describes each person's CURRENT work location.

Please answer for the job where each person works the most hours.

- Go to one work location ONLY (outside of home)
- Work ONLY from home or remotely (telework, self-employed)
- o Telework some days and travel to a work location some days
- Work location regularly varies (different offices/jobsites)
- Drive/bike/travel for work (driver, sales, deliveries)

## 2.13 [WFH\_POLICY]

if household has 1 or more participating members employed full/part/self/volunteer

How many days are you required by your employer to report to your worksite or office each week?

- o 5 or more days a week
- 4 days a week
- o 2-3 days a week
- 1 day a week
- o 1-3 days a month
- Less than monthly
- Never

#### **2.14** [STUDENT]

School schedules affect many people's transportation needs.

#### As of today, which adults are enrolled as a student?

- Not a student
- o Part-time student, currently attending some or all classes in-person
- Part-time student, ONLY online classes
- o Full-time student, currently attending some or all classes in-person
- o Full-time student, ONLY online classes

## 2.15 [SCHOOL\_TYPE]

if household has 1 or more related children age 0-17 or 1 or more participating adult students

#### As of today, in what type of school is each person enrolled?

If someone is enrolled in school and attending remotely or from home, please select the type of school they are enrolled in.

- Cared for at home if age = under 5
- o Daycare outside home if age = 0-15
- o Preschool if age = 0-15
- $\circ$  Elementary school (public, private, charter) if age = 0-15
- Middle school (public, private, charter) if age = 5-15
- $\circ$  High school (public, private, charter) if age = 5-24
- $\circ$  Home school if age = 0-17
- Vocational/technical school if age >= 16
- 2-year college if age >= 16
- 4-year college if age >= 16
- Graduate or professional school if age >= 16
- o Other

#### 2.16 [SECOND\_HOME]

regularly spend the night at a second home (e.g., another parent or grandparent's house, partner or spouse's home, or a vacation home)?

Do any household members (including yourself) regularly spend the night at a second home (e.g., another parent or grandparent's house, partner or spouse's home, or a vacation home)?

- Does not regularly spend night at second home
- Regularly spends night at second home

## 2.17 [HABITUAL\_LOCATIONS]

Now we will ask about the places your household goes the most. We ask this to save you time as you take the survey.

Thanks for your participation. Please click 'Next' to continue.

## **2.18** [HOME\_LOC]

Where is your home located?

#### 2.19 [SECOND\_HOME\_LOC]

Show if any household member has a second home Where is each person's second home located?

#### 2.20 [WORK\_LOC]

If household has 1 or more participating HH members with "only one work location" or "teleworks some days and travels to a work location some days" for job type

Where is each person's primary workplace located?

### 2.21 [SCHOOL\_LOC]

If household has 1 or more participating adult students who attend class in person or children who are not homeschooled or cared for at home

#### Where is each person's school located?

If currently attending school remotely due to COVID-19, please report the school location each person will return to when they are no longer attending school remotely. Do NOT report their home location.

# 2.22 [RACE]

Thanks. These next questions help us understand how well the study results represent the overall region. What is your race?

Se	lect all that apply.
	African American or Black
	American Indian or Alaska Native
	Asian
	Native Hawaiian or other Pacific Islander
	White
	Multiracial
	Other race
	Prefer not to answer
2.	23 [RACE_OTHER]
if r	responded "Other" race
Yo	u selected 'other race.' Please tell us more.
2.	24 [ETHNICITY]
Wł	nat is your ethnicity?
Se	lect all that apply.
	Not of Hispanic, Latino, or Spanish origin
	Mexican, Mexican American, Chicano
	Puerto Rican
	Dominican
	Cuban
	Another Hispanic, Latino, or Spanish origin
	Prefer not to answer

#### 2.25 [ETHNICITY\_OTHER]

if responded "Other" ethnicity

You selected 'another Hispanic, Latino, or Spanish origin.' Please tell us more.

#### **2.26** [GENDER]

What is each person's gender?

- o Woman
- o Man
- Non-binary
- Other
- o Prefer to self-describe
- o Prefer not to answer

#### 2.27 [HH\_LICENSES]

Show if household has only 1 participating HH members age 16+

Do you drive? Please answer yes if they can drive a motor vehicle including a car, personal truck, SUV, van, or motorcycle.

We will use this information to customize which transportation questions you are asked in this study.

Show if household has more than 1 participating HH members age 16+

Does each person drive? Please answer yes if they can drive a motor vehicle including a car, personal truck, SUV, van, or motorcycle.

We will use this information to customize which transportation questions you are asked in this study.

- o Yes, drives
- No, does not drive

#### 2.28 [INCOME\_DETAILED]

Last year, what was your household's total annual income (from all sources, before taxes/deductions from pay)?

Please exclude income from members of your household who are not related to you (e.g., roommates, household help).

- Less than \$15,000
- o \$15,000-\$24,999
- o \$25,000-\$34,999
- o \$35,000-\$49,999
- o \$50,000-\$74,999
- o \$75,000-\$99,999
- o \$100,000-\$149,999
- o \$150,000-\$199,999
- o \$200,000-\$249,999
- o \$250,000-\$499,999
- \$500,000 and above
- Prefer not to answer

## 2.29 [PHONE\_TYPES]

if household is recruited via rMove for Web

#### Do you have a smartphone?

- o Has an Apple iPhone
- o Has an Android phone
- Has other smartphone type
- Does not have a smartphone

#### 2.30 [WEB\_RMOVE\_DECIDE]

if recruited via rMove for Web AND eligible for rMove (person 1 has an eligible smartphone)

You've qualified to use the smartphone app <u>rMove</u> to complete the study and receive a higher value gift card.

Would your household like to participate using rMove <if selected an incentive for \$25 per participating adult>?

- Yes, my household would like to participate in the <u>one-week</u> study using the smartphone app rMove <if selected an incentive for \$25 per participating adult>
- No, my household would like to participate in the <u>one-day</u> study online or over the telephone <if selected an incentive for \$10 per household>

#### 2.31 [INCENTIVE\_OFFERING]

if selected an incentive

Thank you for your answers so far.

As thanks for your participation, you will receive a \$25 gift card after you complete your 7-day travel study in rMove.

Thank you for your answers so far.

After you report the trips you make on your assigned travel date, you will receive a \$10 gift card.

#### 2.32 [PHONE\_CONTACT]

If reporting travel in rMove for Web and signup survey is being taken via call center URL

If you would like to receive study reminders by phone, please provide your phone number.

#### 2.33 [CLOSE]

Thank you! Please select 'Next' to continue.

## 3.0 SURVEY PLATFORM PROMPTS

## 3.1 [WEB\_PUSH\_RMOVE]

if recruited via rMove for Web and reporting travel in rMove

Thank you for your answers so far! You are now signed up to participate.

**Your Next Steps:** 

**Download** the study app (rMove) today. Search for 'rMove: Travel Survey' in the <u>Google Play Store</u> or <u>Apple Store</u>

**Log in** with the participation access code we emailed you.

Complete the study:

- rMove will ask about your travel from <start date> to <stop date> we'll refer to this as your travel period.
- Complete a 'trip survey' about each trip you make.
- Complete a 'daily survey' each day about your general travel habits.
- Your household must answer all of their surveys in rMove to complete the study

**Note:** Ensure your phone 'Always Allows' rMove to access your location. You can check this in your location services settings after you download the app.

#### Questions?

Click here to ask us a question.

#### 3.2 [WEB LANDING]

#### if using web diary

You've been assigned to keep track of the trips you make on <start date>. Please return to this website or call 1 (855) 736-8251 toll-free to report your trips and complete the study on <start date + 1>.

You will have until <start date + 7> to report your trips.

To complete the study please tell us about your household's travel on <start date>.

Please click on a person to begin reporting their travel for <start date>

### 3.3 [RMOVE\_LANDING]

if using rMove diary

Programmer: their travel period begins.

#### Your travel period is <START DATE> - <END DATE>.

Before <START DATE>, rMove will begin recording the trips you make and will send you notifications when trip surveys are ready. Each day, you'll also be asked to complete a daily survey about your household's general travel habits.

Note: Collecting your trips will use more battery than usual. Please try to keep your phone charged for the best trip collection.

# 4.0 DAILY SURVEY: CORE QUESTIONS

## 4.1 [BEGIN\_DAY]

#### On <traveldate> , where did <you/name> BEGIN <your/their> day?

This question helps to confirm that rMove correctly collected your travel.

- Home
- o Someone else's home
- Work if employment = full/part/self/volunteer
- Your/Their> other home (e.g., partner, second home) if has second home
- Temporary lodging (e.g., hotel, vacation rental)
- Traveling (e.g., red-eye flight)
- o Other

### **4.2** [END\_DAY]

#### On <traveldate> , where did <you/name> END <your/their> day?

This question helps to confirm that rMove correctly collected your travel.

- o Home
- o Someone else's home
- Work if employment = full/part/self/volunteer
- o <Your/Their> other home (e.g., partner, second home) if has second home
- Temporary lodging (e.g., hotel, vacation rental)
- Traveling (e.g., red-eye flight)
- Other

#### 4.3 [NO TRAVEL]

Why didn't <you/name> go anywhere on <traveldate>?

Select all that apply.

<i name=""> did make trips on <traveldate> if rMove</traveldate></i>
Not scheduled to work/took day off if employment = full/part/furlough/self/volunteer
Worked at home for pay (e.g., telework) if employment = full/part/self/volunteer
Hung out around home
Weather conditions (e.g., snowstorm)
Sick or quarantining (self or others)
Waited for visitor/delivery (e.g., plumber)
Kids did online/remote/home school hide if nobody <18 in HH
Scheduled school closure (e.g., holiday) hide if nobody <18 in HH
No available transportation (e.g., no car, no bus)
Cost of transportation
Concerns about personal safety
Other reason

## 4.4 [TELECOMMUTE\_TIME]

if employment = full/part/self/volunteer

How much time did <you/name> spend working at home or teleworking (from anywhere) for pay on <traveldate>?

Please estimate for all time teleworked (both during & outside regular business hours).

## 4.5 [SHOP\_ONLINE]

On <traveldate>, did you buy anything online?

- o Yes
- o No

## 4.6 [DELIVERY]

We want to know how delivery and household services contribute to travel.

On <traveldate> , which of the following occurred?Which of the following occurred for you and your household members?

Se	Select all that apply.		
	□ Received packages at home (e.g., USPS, FedEx, UPS)		
	Received personal packages at work		
	Received packages at another location (e.g., Amazon locker, package pick-up point)		
	Take-out/prepared food delivered to home		
	Groceries delivered to home		
	Bought goods online and then picked up in store (e.g., Target, IKEA)		
	Someone came to do work at home (e.g., babysitter, housecleaning, lawn)		
	Other item delivered to home (e.g., appliance)		

## 5.0 DAILY SURVEY: DAY 1

#### **Employment & school related questions**

### 5.1 [EMPLOYMENT\_SCHOOL]

The following questions about work and school will help us understand your transportation needs.

Please click 'Next' to complete your daily survey.

## 5.2 [INDUSTRY]

□ None of the above

Which of the following best describes the type of industry you work in?

- Financial services
- o Real estate
- o Capital goods (aerospace & defense, electrical, machinery)
- o Professional and business services (consulting, legal, marketing)
- Hospitality
- o Energy (oil, gas, and coal)
- o Education
- Health care/social assistance

- Arts and entertainment
- o Retail
- Manufacturing
- Transportation and utilities
- Construction
- Government
- o Non-profit
- Technology and telecommunications
- o Media
- o Other Programmers: Ask follow-up open-end on other

## 5.3 [COMMUTE\_FREQ]

Currently, how often <do you/does name> typically commute to <your/their> workplace?

- o 5 or more days a week
- o 4 days a week
- o 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- Less than monthly
- o Never

### 5.4 [TELEWORK\_FREQ]

How many days <do you/does name> work from home or telework?

- o 5 or more days a week
- 4 days a week
- o 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- Less than monthly

Never

### 5.5 [WORK\_MODE]

Currently, how <do you/does name> typically travel to <your/their> primary workplace?

Please select the method of transportation used for most of the distance.

- Walk (or jog/wheelchair)
- Household vehicle (or motorcycle)
- o Other vehicle (e.g., friend's car, rental, work car)
- Uber/Lyft, taxi, or car service
- o Bus, shuttle, or vanpool
- o Rail (e.g., train, subway)
- o Ferry
- o Bicycle or e-bicycle
- Micromobility (e.g., e-scooter, moped, skateboard)
- o Other

#### 5.6 [WORK\_MODE\_OWN]

What household vehicle do you typically take to and from work?

- o <HHvehicle1>
- o <HHvehicle2>
- o ...
- o Other vehicle in household
- o Other motorcycle

## 5.7 [WORK\_VEHICLE\_PARK]

Where do you typically park your vehicle at work?

- o Parking lot/garage
- On street parking
- Someone's driveway

- Don't park (e.g., get dropped off)
- o Other Programmers: text box

### 5.8 [WORK\_VEHICLE\_PARK\_PAY]

When you drive to work, how do you typically pay for parking?

- o Parking is always free at/near work, at park & ride, etc.
- Employer pays ALL parking costs (for me)
- Employer offers discounted parking (I pay some)
- o I personally pay some or all parking costs with a pre-tax transportation card
- o I personally pay some or all parking costs (employer pays none)
- Don't know

#### 5.9 [WORK\_VEHICLE\_PARK\_COST]

How much do you personally pay to park at/near work? Enter an answer for just one time period

0	Per Day: \$	[work_park_amount]
0	Per Week: \$	[work_park_amount
0	Per Month: \$	[work_park_amoun
0	Per Year: \$	[work_park_amount]
0	Don't know	

#### 5.10 [WORK\_MODE\_AUTO]

What other vehicle do you typically take to and from work?

- Car from work
- o Friend/colleague's car
- o Rental car
- o Carpool (e.g., Waze Carpool)

- Carshare service (e.g., car2go, Zipcar)
- Other vehicle

## 5.11 [WORK\_MODE\_TAXI]

What type of taxi or ride service do you typically take to and from work?

- Yellow taxi
- o Green taxi
- o Uber, Lyft, or other smartphone-app ride service
- Lyft Shared, UberPool or other shared-ride
- Other hired car service (e.g., black car, limo)

## 5.12 [WORK\_MODE\_BUS]

What bus do you typically use to get to and from work?

- Local bus
- o Express bus
- o Select Bus Service
- o Employer shuttle/bus
- University shuttle/bus
- Other private shuttle/bus (e.g., a hotel's, an airport's)
- o Intercity bus (e.g., Greyhound, Megabus)
- Commuter Van (dollar van)
- Paratransit/Access-A-Ride
- Other bus

## 5.13 [WORK\_MODE\_RAIL]

What train/rail do you typically use to get to and from work?

o Subway

- PATH train
- Commuter rail (e.g., LIRR or Metro-North)
- o Intercity rail (e.g., Amtrak)
- o Other rail

## 5.14 [WORK\_MODE\_FERRY]

What ferry do you typically use to get to and from work?

- Staten Island Ferry
- NYC Ferry
- NY Water Taxi
- o Other

#### 5.15 [WORK\_MODE\_BIKE]

What type of bicycle do you typically take to and from work?

- Standard bicycle owned by my household
- o Electric bicycle owned by my household
- Borrowed bicycle (e.g., from friend)
- Citi bike share (standard bicycle)
- Citi bike share (electric bicycle)
- Cargo bicycle (standard or electric)
- Other rented bicycle

## 5.16 [WORK\_BIKE\_PARK]

Where do you typically park the bike at work?

- Bike rack on the sidewalk
- o Bike locker
- Secured bike room
- Locked to other object on the sidewalk (e.g., sign post, fence, tree)

- o In a parking garage or lot: attached to office or other (private, public)
- o Other

## 5.17 [WORK\_MODE\_MICROMOBILITY]

Which micromobility device did you typically take to and from work? What is micromobility?

- Standing e-scooter (e.g., Ninebot, GOTRAX)
- Standing e-scooter share (e.g., Bird, Lime)
- Moped (not shared)
- o Moped-share (e.g., Revel)
- Other electric (e.g., e-skateboard, hoverboard, e-unicycle, or other small electric device)
- Other non-electric (e.g., personal kick scooter, skateboard, rollerblade, or other small device)

## 5.18 [WORK\_MICROMOBILITY\_PARK\_LOC]

Where do you typically park the micromobility device at work?

- Bike/scooter rack
- Locker for bikes/scooters
- Secured room
- Locked to other object (e.g., sign post, fence, tree)
- E-Scooter share or Moped-share designated docking station / corral
- Unlocked on-street
- In a public parking garage/lot
- o Other

## 5.19 [SCHOOL\_FREQ]

Currently, how often <do you/does name> travel to school?

- 0
- o 5 days a week
- o 4 days a week
- o 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- o Less than monthly
- Never

## 5.20 [REMOTE\_CLASS\_FREQ]

Currently, how often <do you/does name> attend classes online?

- o 5 or more days a week
- 4 days a week
- o 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- Less than monthly
- o Never

#### 5.21 [SCHOOL\_MODE]

How <do you/does name> typically travel to and from school?

Please select the method of transportation used for most of the distance.

- School bus
- Walk (or jog/wheelchair)
- Household vehicle (or motorcycle)
- o Other vehicle (e.g., friend's car, rental, carshare, work car)
- Uber/Lyft, taxi, or car service

- Bus, shuttle, or vanpool
- o Rail (e.g., train, subway)
- Ferry
- o Bicycle or e-bicycle
- Micromobility (e.g., e-scooter, moped, skateboard)
- o Other

## 5.22 [SCHOOL\_MODE\_OWN]

What household vehicle do you typically take to and from work?

- o <HHvehicle1>
- o <HHvehicle2>
- 0 ...
- Other vehicle in household
- Other motorcycle

## 5.23 [SCHOOL\_VEHICLE\_PARK]

Where do you typically park your vehicle at work?

- Parking lot/garage
- On street parking
- o Someone's driveway
- Don't park (e.g., get dropped off)
- o Other Programmers: text box

## 5.24 [SCHOOL\_VEHICLE\_PARK\_PAY]

When you drive to work, how do you typically pay for parking?

- o Parking is always free at/near work, at park & ride, etc.
- Employer pays ALL parking costs (for me)

- Employer offers discounted parking (I pay some)
- o I personally pay some or all parking costs with a pre-tax transportation card
- I personally pay some or all parking costs (employer pays none)
- o Don't know

## 5.25 [SCHOOL\_VEHICLE\_PARK\_COST]

How much do you personally pay to park at/near work? Enter an answer for just one time period.

0	Per Day: \$	_ [work_park_amount]
0	Per Week: \$	[work_park_amount]
0	Per Month: \$	[work_park_amount]
0	Per Year: \$	[work_park_amount]
0	Don't know	

## 5.26 [SCHOOL\_MODE\_AUTO]

What other vehicle do you typically take to and from work?

- Car from work
- o Friend/colleague's car
- Rental car
- o Carpool (e.g., Waze Carpool)
- o Carshare service (e.g., car2go, Zipcar)
- Other vehicle

## 5.27 [SCHOOL\_MODE\_TAXI]

What type of taxi or ride service do you typically take to and from work?

Yellow taxi

- Green taxi
- o Uber, Lyft, or other smartphone-app ride service
- o Lyft Shared, UberPool, or other shared-ride
- o Other hired car service (e.g., black car, limo)

## 5.28 [SCHOOL\_MODE\_BUS]

What bus do you typically use to get to and from work?

- Local bus
- o Express bus
- Select Bus Service
- o Employer shuttle/bus
- University shuttle/bus
- Other private shuttle/bus (e.g., a hotel's, an airport's)
- Intercity bus (e.g., Greyhound, Megabus)
- Commuter Van (dollar van)
- o Paratransit/Access-A-Ride
- o Other bus

## 5.29 [SCHOOL\_MODE\_RAIL]

What train/rail do you typically use to get to and from work?

- Subway
- PATH train
- o Commuter rail (e.g., LIRR or Metro-North)
- o Intercity rail (e.g., Amtrak)
- Other rail

## 5.30 [SCHOOL\_MODE\_FERRY]

#### What ferry do you typically use to get to and from work?

- Staten Island Ferry
- o NYC Ferry
- NY Water Taxi
- Other

## 5.31 [SCHOOL\_MODE\_BIKE]

#### What type of bicycle do you typically take to and from work?

- Standard bicycle owned by my household
- o Electric bicycle owned by my household
- Borrowed bicycle (e.g., from friend)
- Citi bike share (standard bicycle)
- Citi bike share (electric bicycle)
- Cargo bicycle (standard or electric)
- Other rented bicycle

## 5.32 [SCHOOL\_BIKE\_PARK]

#### Where do you typically park the bike at work?

- Bike rack on the sidewalk
- Bike locker
- Secured bike room
- Locked to other object on the sidewalk (e.g., sign post, fence, tree)
- In a parking garage or lot: attached to office or other (private, public)
- Other

## 5.33 [SCHOOL\_MODE\_MICROMOBILITY]

Which micromobility device did you typically take to and from work?

- Standing e-scooter (e.g., Ninebot, GOTRAX)
- Standing e-scooter share (e.g., Bird, Lime)
- Moped (not shared)
- o Moped-share (e.g., Revel)
- Other electric (e.g., e-skateboard, hoverboard, e-unicycle, or other small electric device)
- Other non-electric (e.g., personal kick scooter, skateboard, rollerblade, or other small device)

## 5.34 [SCHOOL\_MICROMOBILITY\_PARK\_LOC]

Where do you typically park the micromobility device at work?

- Bike/scooter rack
- Locker for bikes/scooters
- Secured room
- Locked to other object (e.g., sign post, fence, tree)
- Scooter-share or Moped-share designated docking station / corral
- Unlocked on-street
- In a public parking garage/lot
- o Other

### 6.0 DAILY SURVEY: DAY 2

#### **Typical Travel**

Programmer: Asked of participating adults age 18+

#### 6.1 [TYPICAL\_TRAVEL]

The following questions will help us understand the travel options you use.

Please click 'Next' to complete your daily survey.

## **6.2** [SHARE]

Which of the following, if any, <have you/has name> used in the past 12 months?

Select all that apply.

Uber, Lyft, or other smartphone-app ride service

Carshare (e.g., Zipcar)

Peer-to-peer car rental (e.g., Turo)

Citi bike share or bike rental service

Vanpool

Scooter share (e.g., Bird, Lime)

### 6.3 [TNC\_FREQ]

☐ Moped share (e.g., Revel)

□ None of the above

How often <do you/does name> use Uber, Lyft, or a similar app-based ride service?

Please answer based on what you do currently.

- o 5 or more days a week
- o 4 days a week
- 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- Less than monthly

### 6.4 [TNC\_PURP]

When using smartphone-app ride services, what is the most common purpose of your trips?

- o Go home
- Go to work/work-related/volunteer-related
- Dine out/get coffee or take-out
- o Appointment/shopping/errands
- Social/religious/leisure activity
- Exercise (e.g., gym, jog, bike, walk dog)
- Attended school/class
- Drop off/pick up/accompany person (e.g., family caretaking)
- Go to/from another mode (e.g., take Uber to bus stop)
- Other reason

## 6.5 [CARSHARE\_FREQ]

How often <do you/does name> use carshare (e.g., Zipcar, Turo)?

Please answer based on what you do currently.

- o 5 or more days a week
- o 4 days a week
- o 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- Less than monthly

#### 6.6 [PARTICIPATE]

<Are you/Is name> willing to participate in future transportation surveys (like this one)?

- o Yes
- o No

## 7.0 DAILY SURVEY: DAY 3

**Vehicle-related questions** 

## 7.1 [VEHICLE\_BEHAVIOR]

The following questions will help us understand your household's driving habits. Please click 'Next' to complete your daily survey.

### 7.2 [VEHICLE]

What vehicle <do c<="" th="" you=""><th>loes name&gt; dri\</th><th>/e the most?</th></do>	loes name> dri\	/e the most?
---	-----------------	--------------

- o <HHvehicle1>
- o <HHvehicle2>
- 0 ...
- o <HHvehicle10>
- A carshare vehicle (e.g., ZipCar)
- o Other vehicle
- None ( <I do/Name does> not drive a vehicle)

### 7.3 [HOME\_VEHICLE\_PARK]

Where do you typically park your household vehicle(s) at home?

Select all that apply.

- ☐ Home driveway/garage
- □ Parking lot/garage
- □ On-street parking

## 7.4 [HOME\_VEHICLE\_PARK\_PAY]

Do you pay to park your vehicle at home (including bundled with rental cost)?

- Yes
- o No

# 7.5 [PAY\_PARK\_COST]

	nuch do you typically pay [home_park	to park at home? Enter an answer for just one time period. Per amount]
0	Per Week: \$	_ [home_park_amount]
0	Per Month: \$	[home_park_amount]
0	Per Year: \$	[home_park_amount]
0	Don't know	

# 7.6 [VEHICLE CHANGE]

In the past two years my household has:

- o Reduced the number of vehicles it has access to
- o Increased the number of vehicles it has access to
- o Not changed the number of vehicles it has access to

# 7.7 [REDUCED VEHICLE]

Which factors influenced your decision to reduce the number of vehicles in your household? Select all that apply.

Vehicle ownership was expensive
Parking was difficult or expensive
I no longer needed a vehicle on a frequent basis
I started using a smartphone-app ride service such as Lyft/Ube
I started using a carshare service such as Zipcar or Car2go
I started using public transit
I started riding a bicycle
I didn't feel comfortable driving in New York City
Other

# 7.8 [INCREASED VEHICLE]

Which factors influenced your decision to increase the number of vehicles in your household? Select all that apply.

	New driver in household (e.g. grown child or spouse)
	I needed a vehicle to transport a household member (i.e. spouse, relative, or child, other)
	I moved into an area where I felt I needed a vehicle
	I got a new job that was not easily accessible by transit
	I found other transportation options were unreliable
	I wanted the flexibility and convenience of having a vehicle
	I felt/feel unsafe traveling by other modes during the Covid-19 pandemic
	I felt/feel unsafe riding on public transit (i.e. bus, subway, or other)
_	Other
	9 [EV_CHARGE]
7.	9 [EV_CHARGE]  nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle?</your></do>
<b>7</b> .	
<b>7</b> .	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle?</your></do>
<b>7.</b> Wh	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle? ease select all locations used in the last three months.</your></do>
<b>7.</b> Wi	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle? ease select all locations used in the last three months.  At home</your></do>
7. Wi	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle? ease select all locations used in the last three months.  At home  At work</your></do>
7. WI	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle? ease select all locations used in the last three months.  At home  At work  On-street / curbside</your></do>
7. Wh	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle? ease select all locations used in the last three months.  At home  At work  On-street / curbside  At a commute location (e.g., Park and Ride lot, public parking garage)</your></do>
7. WI	nere <do does="" name="" you=""> typically charge <your their=""> electric vehicle? ease select all locations used in the last three months.  At home  At work  On-street / curbside  At a commute location (e.g., Park and Ride lot, public parking garage)  At a shopping location (e.g., grocery store, shopping mall)</your></do>

# 7.10 [EV\_PURCHASE]

☐ Other (e.g., private parking lot)

<Have you/Has name> considered purchasing a fully electric vehicle?

Examples of fully electric vehicles include cars made by Tesla, a Chevy Bolt, or a Nissan Leaf.

- Yes, <I have/Name has> considered purchasing a fully electric vehicle and may purchase one in the next few years
- Yes, <I have/Name has> considered purchasing a fully electric vehicle, but <am/is> NOT likely to purchase one in the next few years
- No, <I have/Name has> not considered purchasing a fully electric vehicle
- Yes, <I have/Name has> already purchased a fully electric vehicle but no longer
   <own/owns> it, or <do/does> not drive it as <my/their> primary vehicle

#### 7.11 [EV\_PURCHASE\_BARRIERS]

Why <have you/has name> not considered purchasing a fully electric vehicle? Select all that apply

- o Electric vehicle purchase price
- No access to chargers in my area
- Insufficient driving range
- o I do not know enough about electric vehicles to purchase one
- I have no interest in electric vehicles.

### 8.0 DAILY SURVEY: DAY 4

#### **Detailed demographic questions**

#### 8.1 [DETAILED\_DEMOGRAPHICS]

The following questions will help us understand how closely the study results match the overall region and how travel options affect people differently.

Please click 'Next' to complete your daily survey.

### 8.2 [RESIDENCE\_TYPE]

What type of place is your current residence?

- Single-family house (detached house)
- o Single-family house attached to one or more houses (rowhouse or townhouse)

- Building with 2-4 units (duplexes, triplexes, quads)
- Building with 5-49 apartments/condos
- Building with 50 or more apartments/condos
- Senior or age-restricted apartments/condos
- o Manufactured home/mobile home/trailer
- o Dorm, group quarters, or institutional housing
- Other (e.g., boat, RV, van)

### 8.3 [RESIDENCE\_RENT\_OWN]

#### Do you own or rent?

- Own/buying (paying a mortgage)
- o Rent
- Housing provided by job or military
- o Provided by family, relative, or friend without payment or rent
- o Other
- o Prefer not to answer

### 8.4 [SECOND\_HOME\_FREQ]

#### How many nights do you typically stay at your second home?

- o 1 night per week
- o 2-3 nights per week
- o 4-6 nights per week
- o 1 night per month
- o 2-3 nights per month
- o 4-6 nights per month
- o 7 or more nights per month

0

### 8.5 [INCOME\_FOLLOWUP]

As we conduct this survey in your region, we want to understand if all types of people are represented.

From these general categories, what was your household's total annual income last year?

*Programmer: if household has any non-related household members:* Please exclude income from members of your household who are not related to you (e.g., roommates, household help).

- o Under \$25,000
- o \$25,000-\$49,999
- o \$50,000-\$74,999
- o \$75,000-\$99,999
- o \$100,000-\$199,999
- o \$200,000-\$249,999
- o \$250,000-\$499,999
- o \$500,000 or more
- o Prefer not to answer

### 8.6 [DISABILITY]

<Do you/Does Name> have a disability or illness that affects <your/their> ability to
travel?

- o Yes
- o No
- o Prefer not to answer

### 8.7 [DISABILITY\_WHY]

DOT is committed to ensuring all New Yorkers, regardless of disability status, can get where they need to go. This information helps the DOT meet our commitment to addressing the needs of New Yorkers with disabilities. Please click next to provide more detail.

#### 8.8 [DISABILITY\_FOLLOW]

Which of the following describe your disability or illness? Select all that apply
I am deaf or have difficulty hearing
I am blind or have difficulty seeing
I have serious difficulty walking or climbing stairs
I have limited mobility and can't walk
I have difficulty dressing or bathing
I have difficulty concentrating, remembering, or making decisions because of a physical, mental, or emotional condition
None of the above

# 8.9 [EDUCATION]

Prefer not to answer

What is the highest level of education <you have/Name has> completed?

- Less than high school
- High school graduate/GED
- o Some college
- Vocational/technical training
- Associate degree
- o Bachelor's degree
- Graduate/post-graduate degree
- Prefer not to answer

# 8.10 [PRIMARY\_LANGUAGE]

What is the primary language spoken in your home?

- o English
- Spanish
- o Chinese

- o Russian
- o Other

# 9.0 DAILY SURVEY: DAY 5

#### **Bicycle-use questions**

# 9.1 [BICYCLE\_USE]

The following questions will help us understand the travel options you use.

Please click 'Next' to complete your daily survey.

# 9.2 [NUM\_BICYCLES]

How many bicycles do you own?

- o 0 (no bicycles in household)
- 0 1
- 0 2
- o **3**
- 0 4
- 0 5
- 0 6
- 0 7
- o 8 or more

# 9.3 [BICYCLE\_TYPE]

What types of bicycle(s) do you and your household members own?

Select all that apply.

- □ Standard bicycle
- □ Electric bicycle

□ Other

# 9.4 [BIKE\_FREQ]

How often <do you/does name> use a bicycle outside?

Please answer based on what you do currently.

- o 5 or more days a week
- o 4 days a week
- o 2-3 days a week
- o 1 day a week
- o 1-3 days a month
- o Less than monthly
- Never

# 9.5 [BIKE\_PURP]

Why do you ride your bicycle in New York City? Select all that apply.

To run errands
To connect to/from public transportation
For recreation/exercise
To commute to work or school
To bring children to school
To get to an appointment (e.g. doctor, meeting, conference)
Other Programmers: text box

# 9.6 [NO\_BIKE\_NYC]

Why don't you ride a bicycle in New York City? Select all that apply

I don't feel safe
I can't afford a bike

	I have nowhere to store my bike
	The trips I take are too long for a bike
	I don't live near a bike share location
	There aren't showers or lockers to use at my destination
	I prefer using other modes
	I am physically unable to ride a bike
	Other
9.	7 NO_FREQ_BIKE_NYC]
	NO_INEQ_BINE_NIC]
W	hy don't you ride a bicycle more frequently in New York City? Select all that
W	hy don't you ride a bicycle more frequently in New York City? Select all that
W ap	hy don't you ride a bicycle more frequently in New York City? Select all that oply
W ap	hy don't you ride a bicycle more frequently in New York City? Select all that ply  I don't feel safe
W ap	hy don't you ride a bicycle more frequently in New York City? Select all that oply  I don't feel safe  The trips I take are too long for a bike
w ap	hy don't you ride a bicycle more frequently in New York City? Select all that oply  I don't feel safe  The trips I take are too long for a bike  There aren't showers or lockers to use at my destination
Whap	hy don't you ride a bicycle more frequently in New York City? Select all that oply  I don't feel safe The trips I take are too long for a bike There aren't showers or lockers to use at my destination I have limited access to bike share

# 9.8 [BIKE\_CHANGE]

In the past two years my household has:

- o Reduced the number of bicycles it has access to
- o Increased the number of bicycles it has access to
- o Not changed the number of bicycles it has access to

# 9.9 [REDUCED\_BIKE]

Which factors influenced your decision to reduce the number of bicycles in your household? Select all that apply.

	Bicycle ownership was expensive
	Bicycle parking was difficult or expensive
	I no longer needed a bicycle on a frequent basis
	I started using a smartphone-app ride service such as Lyft/Uber
	I started using a carshare service such as Zipcar or Car2go
	I started using public transit
	I started using Citi Bike
	I didn't feel comfortable biking in New York City
	Other Programmers:
9.	10 [INCREASED_BIKE]
	hich factors influenced your decision to increase the number of bicycles in our household? Select all that apply.
	New cyclist in household
	I needed a bike to transport a household member (i.e. my child)
	I moved into an area where I felt I needed a bicycle
	Improvements in bike infrastructure
	I got a new job that was most accessible or fastest by bicycle
	I found other transportation options were unreliable
	I wanted the flexibility and convenience of having a bicycle
	I enjoy riding a bicycle for recreation, fitness, or social trips
	I felt/feel unsafe traveling by other modes during the Covid-19 pandemic
	Other Programmers:
9.	11 [BIKE_STORE]
WI	nere <do does="" name="" you=""> typically store or park <your their=""> bicycle(s)?</your></do>
Se	lect all that apply.
	Inside house/apartment
	Inside garage or other on-site storage space (includes porch)

Bike rack on sidewalk
Bike locker
Secured bike room
Locked to other object (e.g., post, tree)
In a public parking garage/ramp/lot
Unlocked on-street
Other

# 9.12 [BIKE\_STOLEN]

Have you had your bike stolen or vandalized in the past 12 months?

- o Yes
- o No

### 9.13 [CITI\_BIKE\_FREQ]

How frequently do you use Citi Bike?

- o I have never used Citi Bike
- I use it almost every day
- I use it at least once a week
- I use it at least once a month
- Less than monthly
- o I have used Citi Bike in the past, but not within the last twelve months

# 9.14 [CITI\_BIKE\_TYPE]

What type of Citi Bike did you ride on your most recent Citi Bike trip?

Question applies to everyone who uses Citi Bike except responses "never" and "not within past 12 months"

o A Classic (non-electric) Citi Bike AND that was the type of bicycle I wanted to ride.

- A Classic (non-electric) Citi Bike BUT I would have preferred an E-bike if one had been available.
- An E-bike BUT I would have ridden a Classic (non-electric) Citi Bike if an E-bike had not been available.
- An E-bike AND I would not have taken Citi Bike if an E-bike had not been available.
- Other Programmer: Ask follow-up open-end on other

### 9.15 [CITI\_BIKE\_PAY]

#### How did you most recently access Citi Bike?

- I purchased a single trip (typically \$3.99/trip)
- I have a full price annual membership (\$179 or \$185/year)
- I have a LyftPink All Access annual membership (\$199/year)
- I have a discounted annual membership purchased through my employer or school (various prices)
- I have a Reduced Fare Bike Share membership (\$5/month)
- I have access through a LyftPink monthly plan (\$9.99/month or greater)
- I purchased a day pass (typically \$15/day)
- Other Programmer: Ask follow-up open-end on other

# 9.16 [CITI\_BIKE\_ALT\_MODE]

# How would you have completed your most recent Citi Bike trip if Citi Bike were not available?

- Walk (or jog/wheelchair)
- Household vehicle (or motorcycle)
- Other vehicle (e.g., friend's car, rental, work car)
- Uber/Lyft, taxi, or car service
- o Bus, shuttle, or vanpool
- o Rail (e.g., train, subway)
- Ferry
- Personal Bicycle or e-bicycle

- Micromobility (e.g., e-scooter, moped, skateboard)
- I would not have taken this trip
- o Other

# 9.17 [NO\_BIKESHARE]

Why don't you use Citi Bike? Select all that apply.

- o I do not know what Citi Bike is
- o Too expensive
- Not available in my neighborhood / Not convenient to where I want to go
- Prefer to use my personal bicycle
- o Service is too unreliable
- o Do not feel comfortable biking in NYC
- o Do not know how to ride a bike/can't ride bike
- o Do not feel Citi Bike is for people like me Programmer: Ask follow-up open-end
- Other Programmers: text box

# 9.18 [MICROMOBILITY\_DEVICES]

Which of the following micromobility devices do you use?

Select all that apply.

Standing e-scooter (e.g., Ninebot, GOTRAX)
Standing e-scooter share (e.g., Bird, Lime)
Moped (not shared)
Moped-share (e.g., Revel)
Other electric (e.g., e-skateboard, hoverboard, e-unicycle, or other small electric device)
Other non-electric (e.g., personal kick scooter, skateboard, rollerblade, or other small device)

# 9.19 [NUM\_SCOOTERS]

How many e-scooters do you own?

	<i>:</i> H	ow many e-scooters do you and your household members own?
	0	0 (no e-scooters in household)
	0	1
	0	2
	0	3
	0	4
	0	5
	0	6
	0	7
	0	8 or more
9.	20	[SCOOTER_TYPICAL_CHARGE]
Wł	nere	e <do does="" name="" you=""> typically charge <your their=""> micromobility device?</your></do>
Ple	ease	select all locations used in the last three months.
	At	home
	At	work
	At	a commute location (e.g., Park and Ride lot, public parking garage)
	At	a shopping location (e.g., grocery store, shopping mall)
	At	a public location (e.g., hospital, library, government building)
	At	a hotel/inn
	Oth	ner (e.g., private parking lot)
9.	21	[KID_ACCOMPANY]
		a parent or guardian accompany your child/ren on their trip to school or are?
	0	Yes

o No

### 9.22 [KID\_MODE]

How do your child/ren get to and from school or daycare each day? If child/ren use more than one method of transportation during the trip, select the method used for most of the distance.

- Walk (or jog/wheelchair)
- Household vehicle (or motorcycle)
- Other vehicle (e.g., friend's car, rental, work car)
- o Uber/Lyft, taxi, or car service
- o Bus, shuttle, or vanpool
- o Rail (e.g., train, subway)
- Ferry
- Bicycle or e-bicycle
- Micromobility (e.g., e-scooter, moped, skateboard)
- o Other

### 9.23 [KID\_MODE\_OWN]

What household vehicle do they typically travel in to and from school or daycare?

- o <HHvehicle1>
- o <HHvehicle2>
- 0 ...
- o Other vehicle in household
- o Other motorcycle

# 9.24 [KID\_MODE\_AUTO]

What other vehicle do they typically travel in to and from school or daycare? Car from work

- o Friend/colleague's car
- o Rental car
- o Carpool (e.g., Waze Carpool)
- o Carshare service (e.g., car2go, Zipcar)
- o Other vehicle

#### 9.25 [KID\_MODE\_TAXI]

What type of for-hire vehicle do they typically take to and from school or daycare?

- Yellow taxi
- o Green taxi
- o Uber, Lyft, or other smartphone-app ride service
- Lyft Shared, UberPool, or other shared-ride
- Other hired car service (e.g., black car, limo)

### 9.26 [KID\_MODE\_BUS]

What bus do they typically take to and from school or daycare?

- o Local bus
- o Express bus
- o Select Bus Service
- o Employer shuttle/bus
- University shuttle/bus
- o Other private shuttle/bus (e.g., a hotel's, an airport's)
- o Intercity bus (e.g., Greyhound, Megabus)
- o Commuter Van (dollar van)
- Paratransit/Access-A-Ride
- Other bus

### 9.27 [KID\_MODE\_RAIL]

if kid\_mode = rail

What train/rail do they typically take to and from school or daycare?

- Subway
- o PATH train
- Commuter rail (e.g., LIRR)
- o Intercity rail (e.g., Amtrak)
- o Other rail

# 9.28 [KID\_MODE\_FERRY]

if kid\_mode = ferry

What ferry do they typically take to and from school or daycare?

- o Staten Island Ferry
- o NYC Ferry
- NY Water Taxi
- o Other

#### 9.29 [KID ACCESS]

How do they typically get to the transit stop or ferry landing when traveling to school or daycare?

- o Transferred from another bus
- Transferred from other transit (e.g., rail, air, ferry)
- Walked (or jogged/wheelchair)
- o Drove and parked my own household's vehicle (or motorcycle)
- Drove and parked another vehicle (or motorcycle)
- o Got dropped off in my own household's vehicle (or motorcycle)
- Got dropped off in another vehicle (or motorcycle)

- Uber/Lyft, taxi, or car service
- o Bicycle
- Micromobility (e.g., e-scooter, moped, skateboard)
- o Other

# 9.30 [KID\_EGRESS]

How do they typically get from the transit stop or ferry landing to school or daycare?

- Transferred from another bus
- Transferred from other transit (e.g., rail, air, ferry)
- Walked (or jogged/wheelchair)
- Drove and parked my own household's vehicle (or motorcycle)
- Drove and parked another vehicle (or motorcycle)
- Got dropped off in my own household's vehicle (or motorcycle)
- Got dropped off in another vehicle (or motorcycle)
- Uber/Lyft, taxi, or car service
- o Bicycle
- Micromobility (e.g., e-scooter, moped, skateboard)
- Other

#### 9.31 [KID\_MODE\_BICYCLE]

What type of bicycle do they typically use to get to and from school or daycare?

- Standard bicycle (my household's)
- Electric bicycle (my household's)
- Borrowed bicycle (e.g., a friend's)
- Citi bike share (standard bicycle)
- Citi bike share (electric bicycle)
- Cargo bicycle (standard or electric)

o Other rented bicycle

# 9.32 [KID\_MODE\_SCOOTER]

Which micromobility device do they typically use to get to and from school or daycare?

- Standing e-scooter (e.g., Ninebot, GOTRAX)
- Standing e-scooter share (e.g., Bird, Lime)
- Moped (not shared)
- Moped-share (e.g., Revel)
- Other electric (e.g., e-skateboard, hoverboard, e-unicycle, or other small electric device)
- Other non-electric (e.g., personal kick scooter, skateboard, rollerblade, or other small device)

# 10.0 DAILY SURVEY: DAY 7

**NYC DOT Specific Questions** 

# 10.1 [PACKAGES]

Where are your packages delivered when you're not at home to receive them?

- My lobby
- My doorstep
- My doorman

- A postal store
- An alternative address (e.g. a family member or friend's)
- o An alternative access point (e.g. Amazon locker, UPS, Access Point)
- My workplace
- o Other

### **10.2** [HARASSMENT]

In the past 12 months, have you seen and/or experienced visual, verbal, or physical harrassment/violence when traveling?

- I have seen harrassment/violence when traveling
- I have experienced harrassment/violence when traveling
- I have both seen and experienced harrassment/violence when traveling
- I have not seen or experienced harrassment/violence when traveling

### 10.3 [HARASSMENT CHANGE]

How have these experiences influenced your behavior when traveling in the past 12 months? Select all that apply.

- They have affected my decision to make a trip
- I have changed my travel times and/or avoid traveling at night
- I have changed my route and/or avoid walking on certain streets
- I have reduced my use of public transport
- I have changed my mode of transport (e.g., bus, train, taxi, public or own bicycle, walking)
- I travel mainly within my neighborhood, where I know people and am known
- I prefer to travel in a private car
- I avoid traveling alone
- I pay more attention to my surroundings and other passengers
- I carry a personal defense weapon (e.g., pepper spray, sharp object)
- Other

They have had no influence

### 10.4 [FEEDBACK]

Thank you for participating! Please provide any feedback you may have about the survey experience or other thoughts. For example, what are you most or least satisfied with when it comes to NYC transportation? Tell us by clicking 'More' on your dashboard and selecting 'Give us feedback.'

# 10.5 [FEEDBACK\_WEB]

Thank you for participating! Please provide any feedback you may have about the survey experience or other thoughts. For example, what are you most or least satisfied with when it comes to NYC transportation?

# 11.0 DAILY SURVEY COMPLETE SCREEN

# **11.1** [DAY\_END]

Thank you. rMove's goal is to show all trips made.

**Did rMove miss a trip?** To add trips, return to your travel roster for this day and click the + button in the bottom right of the screen.

Press 'Next' to finish this survey.

You indicated that you made trips on <travel\_date>. Press 'Next' to add your trips for this day.

#### 12.0 RMOVE FOR WEB DIARY

#### **12.1** [WEB\_PROXY]

To begin, who is completing this survey for <name>?

### 12.2 [BEGIN\_DAY]

### **12.3** [END\_DAY]

Thanks. Now, let's start building <name's> travel day.

The travel day began at 3:00 a.m. on <traveldate> and ended at 3:00 a.m. on <traveldate + 1>.

#### Where was <name> when the travel day BEGAN and ENDED?

- o Home ( <address> )
- Work ( <address> )
- o Someone else's home
- <Your/Their> other home (e.g., other parent, partner, second home)
- Temporary lodging (e.g., hotel, vacation rental, campground)
- Traveling at 3AM (e.g., red-eye flight) if selected: popup "Since <you were/name was> traveling, please answer with the last place <you /name > stopped <BEFORE/AFTER> 3:00 AM (even if it was a short stop such as to get gas)."
- o Other

### 12.4 [STOP\_ROSTER]

Please list, in order, all the stops <name> made on <traveldate>.

Click the + to add each stop.

Tip: Please just list the names of your stops for now. We will ask for locations/addresses later.

### 12.5 [STOP\_ROSTER\_CONFIRM]

#### All stops listed?

Have you added all the stops from the travel day?

Frequently missed stops include:

- A short stop in the middle of other activities (e.g., quick trip for lunch)
- A brief stop on the way to somewhere else (e.g., gas, ATM, drive-thru restaurant)
- Dropping someone off on the way to somewhere else (e.g., spouse at park-and-ride lot, child at a friend's house)

- o No, add more
- o Yes, all done

### **12.6** [TIMES]

if web survey

#### When was <name> at each place?

Please enter the arrival and departure time for each stop.

Programmer: Clock entry from 3AM-3AM, in 1-minute increments. Subsequent times must not be earlier than previous times.

#### 12.7 [TRIP\_DETAILS]

if web survey

Thanks for telling us about <name's> stops. Now we'd like to ask about <name's> travel between those stops.

Please click on each trip below to provide details.

### 13.0 TRIP SURVEY

### 13.1 [STOP\_DEFINE]

#### What is a stop?

A stop is any time you traveled more than 100 feet and conducted an activity at a different address. Examples include:

- Arriving at school or work
- Getting a coffee on the way to work
- Dropping someone off or picking someone up
- Using a drive-thru

#### What is NOT a stop?

- Going to another place inside the same building (like a different store within the same mall or a different doctor's office in the same hospital)
- Going to the end of the driveway to get the mail

Walking around your yard/property

#### What if I changed vehicles?

If you changed vehicles of one type to another, this IS A STOP (e.g., driving a car to a bus stop and switching from a car to a bus).

#### What if I pick up someone or drop someone off?

If you pickup or drop-off a member of your group, you should record this as a stop.

#### Examples:

- Dropping or picking up a child from school or day care
- Picking up a spouse from work
- Dropping off children at a game or afterschool program

### 13.2 [STOP\_DESTINATION]

#### if rMove

#### Did you stop here?

Programmer: Add information hyperlink: What's a stop?

- Yes, I stopped
- No, I was still traveling
- o No, I didn't make this trip at all

#### 13.3 [STOP\_DETECTED]

#### if rMove

We found some stops you may have made along the way.

Programmer: Add information hyperlink: What's a stop?

Please choose which stops to keep.

Programmer: List of potential stops based on speed

#### 13.4 [STOP\_ADDED]

#### if rMove

Do you need to add any more stops along the way?

# 13.5 [STOP\_LOCATION]

#### Where did you stop?

Use the arrows and slider to move the marker. When the marker is at the point closest to the stop you want to add, click 'Next.'

# **13.6** [CONFIRM]

We guessed at the details of your trip. Please select 'Confirm all' or 'Edit details' at the bottom of the list, then click 'Next'

- Confirm all
- Edit details

# **13.7** [MODE]

□ Other

How did <you/Name> travel on this trip?

If <you/Name> used multiple modes or changed modes during your trip, please select all modes used.

Walk (or jog/wheelchair)
Household vehicle (or motorcycle)
Other vehicle (e.g., friend's car, rental, carshare, work car)
Uber/Lyft, taxi, or car service
Bus, shuttle, or vanpool
Rail (e.g., train, subway)
Ferry
Bicycle or e-bicycle
Micromobility (e.g., e-scooter, moped, skateboard)
Medical transportation service

### 13.8 [TRANSIT\_ACCESS]

How did <you/Name> get to the transit stop or ferry landing?

- Transferred from another bus
- Transferred from other transit (e.g., rail, air, ferry)
- Walked (or jogged/wheelchair)
- o Drove and parked my own household's vehicle (or motorcycle)
- o Drove and parked another vehicle (or motorcycle)
- o Got dropped off in my own household's vehicle (or motorcycle)
- Got dropped off in another vehicle (or motorcycle)
- o Uber/Lyft, taxi, or car service
- o Bicycle
- Micromobility (e.g., e-scooter, moped, skateboard)
- o Other

#### 13.9 [TRANSIT\_EGRESS]

#### How did <you/Name> exit the transit stop or ferry landing?

- Transferred to another bus
- Transferred to other transit (e.g., rail, air, ferry)
- Walked (or jogged/wheelchair)
- Drove my own household's vehicle (or motorcycle)
- Drove another vehicle (or motorcycle)
- o Got picked up in my own household's vehicle (or motorcycle)
- Got picked up in another vehicle (or motorcycle)
- Uber/Lyft, taxi, or car service
- o Bicycle
- Micromobility (e.g., scooter, skateboard, Segway)
- o Other

### **13.10** [MODE\_OWN]

What vehicle did <you/Name> use on this trip?

Select all that apply.

□ <HHvehicle1>

	<hhvehicle2></hhvehicle2>	
	Other vehicle in household	
	Other motorcycle in household	
13	3.11 [MODE_AUTO]	
Wh	nat vehicle did <you name=""> use on this trip?</you>	
Sel	ect all that apply.	
	Car from work if employed full/part/self/volunteer	
	Friend/relative/colleague's car	
	Rental car	
	Carpool match (e.g., Waze Carpool)	
	Carshare service (e.g., Zipcar)	
	Peer-to-peer car rental (e.g., Turo)	
	Other vehicle (not my household's)	
	Other motorcycle (not my household's)	

# 13.12 [VEHICLE\_PARK\_LOC]

#### Where did <you/Name> park?

- o Home driveway/garage (yours or someone else's)
- o Parking lot/garage
- On-street parking
- o Park & Ride lot
- o Didn't park (e.g., waited, drop-off, drive-thru, gas)
- o Other

# 13.13 [VEHICLE\_PARK\_TYPE]

#### How did <you/Name> pay to park here?

o Free parking (no cost at all)

- Used a parking pass (any type)
- Paid via cash, credit card, or ticket(s)
- o Parking reservation service (e.g., SpotHero, ParkingPanda)
- o Other

# 13.14 [VEHICLE\_PARK\_COST]

What was the parking cost (to you)?

- \$: Numeric entry for dollars up to 999
- Don't know
- o Another person with me paid or I was reimbursed

### 13.15 [EV\_CHARGE\_STATION]

Did <you/Name> charge <your/their> electric vehicle here (e.g., home charging, public charging stations)?

0

- o No, because the public charger did not work, was in use, or was blocked.
- No, the vehicle did not need charging
- Yes, <I/Name> charged the vehicle here before <my/their>next trip
- Don't know

#### 13.16 [EV\_CHARGE\_STATION\_LEVEL]

What level charging stations were here?

Select	all	that	ap	ply.
--------	-----	------	----	------

At home Level 1 (2-5 miles of range per 1 hour of charging)
Curbside Level 2 (10-20 miles of range per 1 hour of charging)
Public parking lot Level 2, e.g. Whole Foods parking lot or paid parking lot (10-20 miles of range per 1 hour of charging)
Employer parking lot Level 2 (10-20 miles of range per 1 hour of charging)
Level 3/DC Fast (60+ miles of range per 1 hour of charging)

□ Other
□ Don't know
13.17 [MODE_TAXI]
What type of taxi or ride service did <you name=""> use on this trip?</you>
Select all that apply.
□ Regular taxi (e.g., Yellow Cab)
□ Uber, Lyft, or other smartphone-app ride service
□ Other hired car service (e.g., black car, limo)
13.18 [TNC_TYPE]
What type of smartphone-app ride service did <you name=""> use on this trip?</you>
<ul> <li>Pooled (e.g., UberPool, Lyft Shared)</li> </ul>
<ul> <li>Regular (e.g., UberX, UberXL, Lyft, LyftXL)</li> </ul>
<ul> <li>Premium (e.g., UberBlack, Lyft Lux)</li> </ul>
o Don't know
13.19 [TAXI_PAY]
How much was the total fare for the ride?
Round to the nearest dollar.
Please include any tip.
\$: Numeric entry for dollars up to 999
<ul> <li>Don't know</li> </ul>
13.20 [MODE_BUS]
What bus did <you name=""> use on this trip?</you>
Select all that apply.
□ Local bus

	Express/commuter bus	
	Select Bus Service	
	School bus if age < 18 or adult student	
	University/college shuttle/bus	
	Employer-provided shuttle/bus if employed	
	Other private shuttle/bus (e.g., a hotel's, an airport's)	
	Commuter Van (dollar van)	
	Paratransit/Dial-A-Ride	
	Intercity bus (e.g., Greyhound, Megabus)	
	Other bus	
13	3.21 [MODE_RAIL]	
Wh	at train/rail did <you name=""> use on this trip?</you>	
Sel	ect all that apply.	
	Subway	
	PATH train	
	Commuter rail (e.g., LIRR)	
	Intercity rail (e.g., Amtrak)	
	Other rail	
13	3.22 [MODE_FERRY]	
Wŀ	nat ferry did you use? Select all that apply.	
	Staten Island Ferry	
	NYC Ferry	
	NY Water Taxi	
	Other	

# 13.23 [TRANSIT\_TYPE]

How did <you/Name> pay the transit fare?

- Used Metrocard / Smartlink (for PATH)
- I used OMNY (contactless card, smartphone device, or OMNY card)
- Cash, or ticket (purchased using cash or credit/debit card)
- o Used a transfer from a previous transit trip if accessed transit by another transit
- Used a discounted Metrocard (e.g., Senior or Student Metrocard)
- o Free (no cost at all)
- o Don't know

### **13.24** [MODE\_BIKE]

#### What bicycle did <you/Name> use on this trip?

Select all that apply.

Standard bicycle (my household's)
Electric bicycle (my household's)
Borrowed bicycle (e.g., a friend's)
Citi bike share (standard bicycle)
Citi bike Share (electric bicycle)
Cargo bicycle (standard or electric)
Other rented bicycle

# 13.25 [BIKE\_PARK\_LOC]

#### Where did <you/Name> park the bicycle?

- Inside house/apartment
- o Inside garage or other on-site storage space (includes porch)
- o Bike rack
- o Bike locker
- Secured bike room
- Locked to other object (e.g., post, tree)
- Bike share designated docking station if mode\_bike = any bike share
- o In a public parking garage/lot
- Unlocked on-street

- Carried it with <me/them>
- o Other

# 13.26 [MODE\_SCOOTER]

What <u>micromobility</u> device (e.g., e-scooter, moped, skateboard) did <you/Name> use on this trip?

Select all that apply.		
	Standing e-scooter (e.g., Ninebot, GOTRAX)	
	Standing e-scooter share (e.g., Bird, Lime)	
	Moped (not shared)	
	Moped-share (e.g., Revel)	
	Other electric (e.g., e-skateboard, hoverboard, e-unicycle, or other small electric device)	
	Other non-electric (e.g., personal kick scooter, skateboard, rollerblade, or other small device)	

# 13.27 [SCOOTER\_PARK\_LOC]

Where did <you/Name> park the e-scooter, moped, or skateboard?

- o Inside house/apartment
- o Inside garage or other on-site storage space (includes porch)
- o Bike/scooter rack

 $\square$  <hh\_member2>

	0	Locker for bikes/scooters	
	<ul> <li>Secured room</li> </ul>		
	0	Locked to other object (e.g., post, tree)	
	0	Scooter-share designated docking station or corral <i>if mode_scooter = scooter-share</i>	
	0	Moped-share designated docking station <i>if mode_scooter = moped-share</i>	
	0	In a public parking garage/lot	
	0	Unlocked on-street	
	0	Carried it with <me them=""></me>	
	0	Other	
13	3.2	8 [MODE_OTHER]	
Wh	nich	of the following did <you name=""> use on this trip?</you>	
	Air	plane/helicopter	
	□ Vehicle ferry (took vehicle on board)		
	□ Other boat (e.g., kayak)		
	Go	If cart	
	□ ATV		
	□ Snowmobile		
	Oth	ner	
13	3.2	9 [MODE_OTHER_SPECIFY]	
Yo	u s	elected 'other.' Please tell us more.	
13	3.3	0 [HH_TRAVELERS]	
if H	IH s	size > 1	
Wh	nich	household members traveled with <you name=""> on this trip?</you>	
Ple	ase	include anyone that started the trip with <you name=""> and traveled with <you name="">.</you></you>	
Select all that apply.			
□ Just me			
	□ <hh_member1></hh_member1>		

П	<hh< td=""><td>member13&gt;</td></hh<>	member13>

# 13.31 [NON\_HH\_TRAVELERS]

How many other people (not in your household) were traveling specifically with <you/Name> for the whole trip?

How many other people were traveling specifically with you for the whole trip?

Please do NOT include taxi/bus drivers or passengers <you don't/Name doesn't> know.

Please do NOT include anyone <you/Name> met at <your/Name's> destination.

- 0
- 0 1
- 0 2
- 0 3
- 0 4
- 0 5+

# 13.32 [VEHICLE\_DRIVER]

<Were you/Was Name> the driver or passenger?

- o Driver
- o Passenger
- Both (switched drivers during trip)

### 13.33 [CONFIRM\_HOME]

Did this trip end at home?

- Yes
- o No

# 13.34 [CONFIRM\_SECOND\_HOME]

Did this trip end at a second home?

- Yes
- o No

### 13.35 [CONFIRM\_PRIMARY\_WORK]

Did this trip end at work?

Did this trip end at <your work/work for Name>?

- Yes
- o No

# 13.36 [CONFIRM\_PRIMARY\_SCHOOL]

Did this trip end at school?

Did this trip end at <your school/school for Name> ?

- o Yes
- o No

### 13.37 [CONFIRM\_DROPOFF\_WORK]

It looks like <you/name> stopped at a household member's work.

What did <you/Name> do at this stop?

- o Pick someone up
- o Drop someone off
- o BOTH pick up AND drop off
- Accompany someone only (e.g., go along for the ride)
- Other activity at workplace only (e.g., attend meeting, pick-up or drop-off item)
- Went somewhere other than the workplace

#### 13.38 [CONFIRM\_DROPOFF\_SCHOOL]

It looks like <you/name> stopped at a household member's school.

What did <you/Name> do at the school?

o Pick someone up

- Drop someone off
- o BOTH pick up AND drop off
- Accompany someone only (e.g., go along for the ride)
- Other activity at school only (e.g., attend meeting, pick-up or drop-off item)
- Went somewhere other than the school

# **13.39** [PURPOSE]

- Went home
- Went to work, work-related, volunteer-related if employment = full/part/self/volunteer
- Attended school/class if student
- Dined out, got coffee or take-out
- o Dropped off, picked up, or accompanied another person
- Changed or transferred mode (e.g., waited for bus or exited bus)
- Appointment, shopping, or errands (e.g., gas)
- Social, leisure, religious, entertainment activity
- Exercise or recreation (e.g., gym, jog, bike, walk dog)
- Went to another residence (e.g., someone else's home, second home)
- Went to temporary lodging (e.g., hotel, vacation rental)
- o Other reason *Programmers: Ask follow-up open-end on other*

# 13.40 [PURPOSE\_WORK]

#### Why did <you/Name> make this stop?

- Went to work-related activity (e.g., meeting, delivery, worksite)
- Volunteering
- Other work-related Programmers: Ask follow-up open-end on other

### 13.41 [PURPOSE\_SCHOOL]

#### Why did <you/Name> make this stop?

Attend daycare or preschool if school type = daycare or preschool

- Attend K-12 school if school\_type = K-12 school
- Attend college/university if school\_type = college/university or graduate/professional school
- Attend vocational education class if school\_type = vocational education
- Attend other type of class (e.g., cooking class) Programmers: Ask follow-up open-end on other
- Attend other education-related activity (e.g., field trip) Programmers: Ask follow-up openend on other

### 13.42 [PURPOSE\_ERRAND]

#### Why did <you/Name> make this stop?

- Grocery shopping
- Other routine shopping (e.g., pharmacy)
- Got gas
- Medical visit (e.g., doctor, dentist)
- Errand without appointment (e.g., post office)
- Errand with appointment (e.g., haircut)
- Shopping for major item (e.g., furniture, car)
- o Other Programmers: Ask follow-up open-end on other

# 13.43 [PURPOSE\_LEISURE]

#### Why did <you/Name> make this stop?

- Social activity (e.g., visit friends/relatives)
- Family activity (e.g., watch child's game)
- Leisure/entertainment/cultural (e.g., cinema, museum, park)
- Religious/civic/volunteer activity
- Other Programmers: Ask follow-up open-end on other

# 13.44 [PURPOSE\_DROP]

Why did <you/Name> make this stop?

- o Pick someone up
- o Drop someone off
- o BOTH pick up AND drop off
- Accompany someone only (e.g., go along for the ride)
- Other activity only (e.g., attend meeting, pick-up or drop-off item) Programmers: Ask follow-up open-end on other

#### 13.45 [PURPOSE\_OTHER]

Can you tell us more about why <you/Name> made this stop?

Programmer: Text box entry

#### 14.0 RMOVE FOR WEB CLOSE

# 14.1 [END]

Thank you for your participation! You have completed all your surveys.

if household status is not complete

Next, please complete the survey for the remaining members of your household.

if household status is complete

You may now close this browser window.