

Commuter Connections State of the Commute Survey – FY22

DRAFT V2 – 11-2-21

(NOTE: SECTION HEADERS, E.G., “INTRODUCTION,” ARE NOT TO BE SHOWN ON SCREEN)**(NOTE: SHOW RESPONSES ON SCREEN UNLESS OTHERWISE INDICATED)**

General formatting notes:

- When multiple questions are on a single page, separate questions with a line between the last response of a question and the next question.
- **Bold the text for all questions.**

LANDING PAGE – LOGO as provided – Use the MWCOG logo, not Commuter Connections

SUBSEQUENT PAGES – LOGO as provided

INTRODUCTION – SHOW ONLY ON THE FIRST PAGE OF THE SURVEY

The Metropolitan Washington Council of Governments is conducting this online survey of residents of Maryland, Virginia, and the District of Columbia about their travel to work. Your answers will be kept completely confidential.

MWCOG is offering a drawing for \$250 Amazon gift cards for residents who complete the survey. If you would like to participate in the drawing for one of the fifty cards, please provide your name and email address at the end of the survey.

To begin the survey, please enter the 6-digit Password on the postcard that was mailed to your household, then click “SUBMIT.” If there is more than one employed person 18 years or older in your household, they may use the second password.

PASSWORD _____

SUBMIT

Thank you for your participation.

SCREENING QUESTIONS (Age, Employment, Home location)

S4 Are you an employed person who is at least 18? By employed, we mean a wage or salaried employee, military, or self-employed.

- 1 Yes (**CONTINUE TO Q1**)
- 2 No (**THANK AND TERMINATE**)

1 Are you employed full-time or part-time? If you work more than one job, please respond for your primary job.

- 1 Employed full-time
- 2 Employed part-time
- 3 Self-employed full-time
- 4 Self-employed part-time
- 8 Not employed, keeping house, retired, disabled, full-time student, looking for work
- 95 Other (**SPECIFY**) _____
- 98 Don't know
- 99 Left blank

DEFINE EMPLEV (EMPLOYMENT LEVEL)

IF Q1 = 1 OR 3, EMPLEV = 1 (full-time)

IF Q1 = 2 OR 4, EMPLEV = 2 (part-time)

IF Q1 = 95, 98, OR 99, EMPLEV = 7 (undefined)

IF Q1 = 8, EMPLEV = 8 (not employed)

IF EMPLEV = 8 (not employed), THANK AND TERMINATE

IF EMPLEV = 1, 2, OR 7, CONTINUE

1a What is your home zip code?

HOME CLASSIFICATION

AUTOCODE COUNTY FOR CHANTILLY

IF Q1a = 20151, AUTOCODE Q2 = 6 (Fairfax), THEN SKIP TO Q3

IF Q1a = 20152, AUTOCODE Q2 = 8 (Loudoun), THEN SKIP TO Q3

AUTOCODE ALEXANDRIA (EXCEPT 22311)

IF Q1a = 22301, 22302, 22304, 22305, OR 22314, AUTOCODE Q2 = 1 (Alexandria), THEN SKIP TO Q3

IF Q1a = 22303, 22306, 22307, 22308, 22309, 22310, OR 22315, AUTOCODE Q2 = 6 (Fairfax), THEN SKIP TO Q3

AUTOCODE TAKOMA PARK, MD, TAKOMA DC

IF Q1a = 20903, 20910, 20912, 20913, AUTOCODE Q2 = 9 (Montgomery), THEN SKIP TO Q3

IF Q1a = 20011 OR 20012, AUTOCODE Q2 = 5 (DC), THEN SKIP TO Q3

AUTOCODE LAUREL

IF Q1a = 20707 OR 20708, AUTOCODE Q2 = 10 (Prince Georges), THEN SKIP TO Q3

IF Q1a = 20723 OR 20724, AUTOCODE Q2 = 12 (Other -out of area), THEN THANK AND TERMINATE

AUTOCODE SILVER SPRING (EXCEPT 20903)

IF Q1a = 20901, 20902, 20904, 20905, 20906, OR 20910, AUTOCODE Q2 = 9, THEN SKIP TO Q3

AUTOCODE STERLING

IF Q1a = 20164, 20165, OR 20166, AUTOCODE Q2 = 8 (Loudoun), THEN SKIP TO Q3

AUTOCODE FAIRFAX AND FALLS CHURCH CITIES

IF Q1a = 22030, 22041, 22042, 22043, 22044, OR 22046, AUTOCODE Q2 = 6 (Fairfax), THEN SKIP TO Q3

AUTOCODE WALDORF (EXCEPT Q20601)

IF Q1a = 20602 OR 20603, AUTOCODE Q2 = 12 (Other - out of area), THEN THANK AND TERMINATE

AUTOCODE MANASSAS, MANASSAS PARK

IF Q1a = 20110 OR 20113, AUTOCODE Q2 = 11, THEN SKIP TO Q3

IF Q1a = ANY OTHER ZIP CODE, ASK Q2

2 In what county (or Independent City) do you live now? **(SHOW RESPONSES 1-12)**

- 1 Alexandria City, VA
- 2 Arlington Co., VA
- 3 Calvert Co., MD
- 4 Charles Co., MD
- 5 Washington, DC (District of Columbia)
- 6 Fairfax Co., VA (incl. City of Falls Church, City of Fairfax)
- 7 Frederick Co., MD (incl. City of Frederick)
- 8 Loudoun Co., VA (incl. South Riding)
- 9 Montgomery Co., MD (incl. City of Rockville, City of Gaithersburg, City of Takoma Park, Silver Spring)
- 10 Prince George's Co., MD (incl. City of Greenbelt, City of College Park, City of Bowie)
- 11 Prince William Co., VA (incl. City of Manassas, City of Manassas Park)
- 97 Other (SPECIFY) _____ **(THANK AND TERMINATE)**
- 98 Not sure **(THANK AND TERMINATE)**
- 99 Left blank **(THANK AND TERMINATE)**

IF Q2 = 5, HMST = 1 (District of Columbia)

IF Q2 = 3, 4, 7, 9, OR 10, HMST = 2 (Maryland)

IF Q2 = 1, 2, 6, 8, OR 11, HMST = 3 (Virginia)

3 In what county (or independent city) do you work? If you work from home full-time now due to the coronavirus pandemic, indicate where you would work if you returned to an outside workplace. **(SHOW RESPONSES 1-88)**

- 1 Alexandria City (VA)
- 2 NA – do not show on screen, reserve number for post-coding
- 3 Arlington Co. (VA)
- 4 Calvert Co. (MD)
- 5 Charles Co. (MD)
- 6 District of Columbia (Washington, DC)
- 7 Fairfax Co. (VA, incl Fairfax City and Falls Church City)
- 8 NA – do not show on screen, do not reuse number
- 9 NA – do not show on screen, do not reuse number
- 10 Frederick Co. (MD)
- 11 NA – do not show on screen, reserve number for post-coding
- 12 Loudoun Co. (VA)
- 13 NA – do not show on screen, do not reuse number
- 14 NA – do not show on screen, do not reuse number
- 15 Montgomery Co. (MD)
- 16 Prince George's Co. (MD)
- 17 Prince William Co. (VA, incl Manassas City and Manassas Park City)
- 18 NA – do not show on screen, reserve number for post-coding
- 19 NA – do not show on screen, reserve number for post-coding
- 20 NA – do not show on screen, reserve number for post-coding
- 95 Other _____
- 98 Not sure
- 99 Left blank

IF Q3 = 6, WKST = 1 (District of Columbia)

IF Q3 = 2, 4, 5, 10, 11, 15, 16, 19, OR 20, WKST = 2 (Maryland)

IF Q3 = 1, 3, 7, 8, 9, 12, 13, 14, 17, OR 18, WKST = 3 (Virginia)

IF Q3 = 95, 98, OR 99, WKST = 9 (Unknown)

COMMUTE PATTERNS / WORK SCHEDULE / TW STATUS

Now, please answer some questions about your commute to and from work. If you have more than one job, answer for your primary job. If your work schedule or work location has changed due to the coronavirus pandemic, please answer for your current work situation.

4 First, in a TYPICAL week, how many days are you assigned to work? If your work schedule varies from week to week, please indicate the number that is most typical.

- 1 1 day
- 2 2 days
- 3 3 days
- 4 4 days
- 5 5 days
- 6 6 days
- 7 7 days
- 0 0, not currently working (**THANK AND TERMINATE**)
- 99 Left blank (**THANK AND TERMINATE**)

5 How many of those days are weekdays (Monday-Friday)?

- 1 1 day
- 2 2 days
- 3 3 days
- 4 4 days
- 5 5 days
- 0 0 (work only on weekends) (**SKIP TO DEFINE SURVTYPE**)
- 99 Left blank (**THANK AND TERMINATE**)

6 At the PRESENT TIME, do you work from home some or all of your regularly assigned workdays? You might call this telecommuting, teleworking, or working remotely. Please include only days that you work at home or at a telework, satellite, or co-working center during an entire workday, instead of traveling to an outside workplace.

- 1 Yes, work from home or telecommute/work remotely all of my workdays (**SKIP TO Q9**)
- 2 Yes, work from home or telecommute/work remotely some of my workdays (**SKIP TO DEFINE SURVTYPE**)
- 3 No, do not work from home or telecommute/work remotely any workdays now (**SKIP TO DEFINE SURVTYPE**)
- 98 Not sure (**CONTINUE TO Q7**)
- 99 Question left blank (**CONTINUE TO Q7**)

7 To clarify, you might be working from home now, due to the pandemic or because you are self-employed and your primary work location is in your home. Please select the response that best represents your current situation, even if you expect this to be a temporary arrangement.

- 1 I work from home all of my workdays (**CONTINUE TO SKIP TO Q9**)
- 2 I work from home some of my workdays (**SKIP TO DEFINE SURVTYPE**)
- 3 I do not work from home any days; I go to a work location outside my home all workdays) (**SKIP TO DEFINE SURVTYPE**)
- 98 Not sure (**CONTINUE TO Q9**)
- 99 Question left blank (**SKIP TO DEFINE SURVTYPE**)

- 9 Which of the following best describes your current work situation?
- 1 Self-employed with my primary work location at home
 - 2 Work for an employer in the Washington metro region, but I work from home/telecommute all of my workdays
 - 3 Work for an employer outside the Washington metro region, but I work from home/telecommute all of my workdays
 - 95 Some other situation (please describe) _____
 - 99 Left blank

DEFINE SURVEY TYPE

- 1 WKALL – all work days on weekends
- 2 SEWAH – self-employed work at home
- 3 TELEALL – full-time telework
- 4 COMMUTER – commute to outside location some days
- 5 HOMEOTHER – work at home; other/unknown reason
- 6 SEUNK – Self-employed, unknown if home only (**RESERVE FOR POST-PROCESSING**)
- 9 UNDEFINED – worker, unknown if commuter

- IF Q5 = 0 (zero), CODE SURVTYPE = WKALL (1)**
IF Q9 = 1, CODE SURVTYPE = SEWAH (2)
IF Q9 = 2 OR 3, CODE SURVTYPE = TELEALL (3)
IF ((Q6 = 2 OR 3) OR (Q7 = 2 OR 3)), CODE SURVTYPE = COMMUTER (4)
IF ((Q6 = 1 OR Q7 = 1) AND Q9 = 95, 99), CODE SURVTYPE = HOMEOTHER (5)
IF ((Q6 = 98 OR 99 AND Q7 = 98 OR 99) AND (Q9 = 95, 99)), CODE SURVTYPE = UNDEFINED (9)

BRANCHING INSTRUCTIONS BEFORE Q12

- IF SURVTYPE = 1 (WKALL), SKIP TO Q61**
IF SURVTYPE = 2 (SEWAH), SKIP TO INSTRUCTIONS BEFORE Q14m
- IF SURVTYPE = 3 (TELEALL), AUTOCODE Q12 = 7 (all workdays), THEN SKIP TO Q12a**
IF SURVTYPE = 5 (HOMEOTHER), AUTOCODE Q12 = 7 (all workdays), THEN SKIP TO Q12a
IF SURVTYPE = 4 (COMMUTER) AND (Q6 = 3 OR Q7 = 3) (no work at home days), AUTOCODE Q12 = 1, THEN SKIP TO Q12a
IF SURVTYPE = 4 (COMMUTER) AND (Q6 = 2 OR Q7 = 2), ASK Q12
IF SURVTYPE = 9 (UNDEFINED), ASK Q12

- 12 How often do you usually telecommute/telework now during an entire workday?
- 1 Never work from home/telecommute now
 - 2 Less than one time per month/only in emergencies
 - 3 1-3 times per month
 - 4 1 day per week
 - 5 2 days per week
 - 6 3-4 days per week
 - 7 5 or more days per week (or all of my workdays)
 - 95 Other (**SPECIFY**) _____
 - 99 Left blank

12a How often did you usually telecommute/telework before the coronavirus pandemic started?

- 1 Never, I did not telecommute/telework before the pandemic
- 2 Less than 1 time per month/only in emergencies
- 3 1 to 3 times per month
- 4 1 day per week
- 5 2 days per week
- 6 3 or 4 days per week
- 7 5 or more days per week (or all of my workdays)
- 95 Other (SPECIFY) _____
- 99 Question left blank

IF Q12 = 1 OR 99, SKIP TO Q14d

13a Does your employer have a formal telecommute/telework program at your workplace or do you telecommute under an informal arrangement between you and your supervisor?

- 1 Formal program
- 2 Informal arrangement
- 3 N/A (**DO NOT SHOW ON SCREEN**)
- 98 Not sure
- 99 Left blank

SKIP TO INSTRUCTIONS BEFORE Q14m

QUESTIONS FOR NON-TELEWORKERS

14d Does your employer have a formal telecommute/telework program at your workplace or permit employees to telecommute under an informal arrangement with the supervisor?

- 1 Yes, formal program
- 2 Yes, informal arrangement
- 3 No, telecommuting is not permitted, neither formal or informal
- 98 Not sure
- 99 Left blank

14e Considering your job responsibilities, how often would you be able to work remotely at home or at another location other than your main work place?

- 1 Never (**SKIP TO INSTRUCTIONS BEFORE Q14m**)
- 2 Less than once per month
- 3 1-3 days per month
- 4 1-2 days per week
- 5 3 or more days per week
- 98 Not sure (**SKIP TO INSTRUCTIONS BEFORE Q14m**)
- 99 Left blank (**SKIP TO INSTRUCTIONS BEFORE Q14m**)

14f Would you be interested in telecommute/telework on an occasional or regular basis?

- 1 Yes, occasional basis
- 2 Yes, regular basis
- 3 Not interested in telecommuting
- 98 Not sure
- 99 Left blank

- 14k In the past year, about how many days did you work at home all day on a regular work day, instead of traveling to your main work place?
- 1 0, never worked at home during the past year
 - 2 1 - 2 days
 - 3 3 - 4 days
 - 4 5 - 6 days
 - 5 7 - 9 days
 - 6 10 - 30 days
 - 7 More than 30 days (or all of most all of my workdays)
 - 98 Not sure
 - 99 Left blank

CURRENT COMMUTE PATTERNS

INSTRUCTIONS BEFORE Q14m

IF EMPLEV = 2 (part-time), AUTOCODE Q14m = 6, THEN SKIP TO DEFINE CkQ15Days
IF EMPLEV = 1 (full-time) OR 7 (undefined), ASK Q14m

14m Which of the following best reflects your work schedule? Please select only one.

- 1 Standard, five or more days per week
- 2 Work four 10-hour days per week, total of 40 hours (4/40 compressed schedule)
- 3 Work nine days every 2 weeks, total of 80 hours (9/80 compressed schedule)
- 4 Work three 12-hour days per week, total of 36 hours (3/36 compressed schedule)
- 5 Other (**SPECIFY**) _____
- 6 *Work part-time (AUTOCODE ONLY, DON'T SHOW ON SCREEN)*
- 98 Not sure
- 99 Left blank

DEFINE CkQ15Days

IF Q14m = 2, 3, OR 4, SET CKQ15DAYS = 5
IF Q14m = 1, 5, 6, 98, OR 99, SET CKQ15DAYS = Q5

INSTRUCTIONS BEFORE Q15

IF SURVTYPE = 2 (SEWAH), DON'T ASK Q15. AUTOCODE Q15, RESPONSE 18 FOR MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY UNTIL NUMBER OF DAYS REPORTED IN Q15 = CKQ15DAYS. IF CKQ15DAYS = 1, 2, 3, OR 4, CODE REMAINING DAYS = RESPONSE 16. THEN SKIP TO DEFINE Q15 MODES

IF SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER), DON'T ASK Q15. AUTOCODE Q15, RESPONSE 2 FOR MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY UNTIL NUMBER OF DAYS REPORTED IN Q15 = CKQ15DAYS. IF CKQ15DAYS = 1, 2, 3, OR 4, CODE REMAINING DAYS = RESPONSE 16. THEN SKIP TO DEFINE Q15 MODES

IF Q14m = 2, 3, 4, OR 5, INCLUDE "or compressed schedule (e.g., 4/40, 9/80) day off" IN Q15, SECOND BULLET

15 Next, please think about your travel to work. In a typical work week, what type of transportation do you use on each of the days you work? If your travel to work varies from week to week, report for the MOST typical week.

- If you use more than one type of transportation on a single day (e.g., walk to the bus stop then ride the bus), check only the type you use for the longest distance part of your trip.
- For any days that you typically work from home all day on an assigned workday, check telecommute.
- For any weekdays that you are not assigned to work, check regular day off [*or compressed schedule (e.g., 4/40, 9/80) day off*].

PROGRAMMER NOTES ON CHECK OF Q15 WITH Q5 AND PROMPTS TO RESPONDENTS

ALLOW ONLY ONE MODE RESPONSE FOR EACH DAY

Check workdays reported $Q15Work = \text{sum of Mon-Fri responses to modes 1-18 plus 95}$.

(Prompt if respondent enters too few travel mode days; $Q15Work$ is less than $CKQ15DAYS$ weekdays worked)

IF $Q15Work$ (Q15, SUM OF MON-FRI RESPONSES 1-18 OR 95) < $CKQ15DAYS$, SHOW PROMPT, "Please report for a total of [$CKQ15DAYS$] workdays. If you typically telecommute/work from home or have a compressed schedule day off, please count those as workdays."

(Prompt if respondent enters too many travel mode days; $Q15Work$ is more than $CKQ15DAYS$ weekdays worked)

IF $Q15Work$ (Q15, SUM OF MON-FRI RESPONSES 1-18 OR 95) > $CKQ15DAYS$, SHOW PROMPT, "Please report how you travel ONLY on the [$CKQ15days$] that you work Monday through Friday and report only one transportation type for each day. If you typically telecommute/work from home or have a compressed schedule day off, please count those as workdays. For all other days that you do not work, indicate regular day off."

SHOW MODES IN MON-FRI GRID FORMAT IN THE ORDER SHOWN

Type of transportation	(Check one Button in Each Column)				
	Mon	Tues	Wed	Thur	Fri
1 Drive alone in a car, truck, SUV, or van	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Taxi	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Uber, Lyft, Via	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Motorcycle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 Carpool (Including carpool w/family member, dropped off)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6 Casual carpool (slugging)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 Vanpool	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8 Buspool (including commuter bus, subscription bus)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9 Bus (public bus, shuttle)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10 Metrorail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11 MARC (MD commuter rail)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12 VRE (Virginia commuter rail)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13 Amtrak/other train	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14 Bicycle/scooter/e-scooter (including bikeshare, dockless bike)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15 Walk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
95 Other (Specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16 Telecommute/telework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17 Compressed schedule day off	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20 Regular day off (not compressed schedule)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21 NA – do not show on screen, do not reuse number	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18 SE-WAH days, other than telework (AUTOCODE ONLY)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

DEFINE Q15 MODES USED (ALLOW MULTIPLE MODES) – AUTOCODE ONLY (NOTE THIS SECTION OF INSTRUCTIONS WAS MOVED FROM AFTER Q17a):

Individual modes

PVDAYS = SUM OF Q15, RESPONSE 1
TXDAYS = SUM OF Q15, RESPONSE 2
ULDAYS = SUM OF Q15, RESPONSE 3
MCDAYS = SUM OF Q15, RESPONSE 4
RCDAYS = SUM OF Q15, RESPONSE 5
CCDAYS = SUM OF Q15, RESPONSE 6
VPDAYS = SUM OF Q15, RESPONSE 7
BPDAYS = SUM OF Q15, RESPONSE 8
RBDAYS = SUM OF Q15, RESPONSE 9
MRDAYS = SUM OF Q15, RESPONSE 10
MDDAYS = SUM OF Q15 RESPONSE 11
VRDAYS = SUM OF Q15 RESPONSE 12
AMDAYS = SUM OF Q15RESPONSE 13
BKDAYS = SUM OF Q15, RESPONSE 14
WKDAYS = SUM OF Q15, RESPONSE 15
OTDAYS = SUM OF Q15, RESPONSE 95
TWDAYS = SUM OF Q15, RESPONSE 16
CWDAYS = SUM OF Q15, RESPONSE 17
SEDAYS = SUM OF Q15, RESPONSE 18

Grouped modes (drive alone, carpool, bus, commuter rail, train, public transit)

DADAYS (Total drive alone) = SUM OF (PVDAYS + TXDAYS + ULDAYS + MCDAYS) – MODES 1, 2, 3, 4
CPDAYS (Total carpool) = SUM OF (RCPDAYS + CCPDAYS) – MODES 5, 6
BUDAYS (Total bus) = SUM OF (BPDAYS + RBDAYS) – MODES 8, 9
CRDAYS (Total commuter rail) = SUM OF (MDDAYS + VRDAYS + AMDAYS) – MODES 11, 12, 13
TRDAYS (Total train) = SUM OF (MRDAYS + MDDAYS + VRDAYS + AMDAYS)
PTDAYS (Total public transportation) = SUM OF (BPDAYS + RBDAYS + MRDAYS + MDDAYS + VRDAYS + AMDAYS) – modes 8, 9, 10, 11, 12, 13

IF CWDAYS > 0, Q15 MODE = 1 COMPRESSED SCHEDULE
IF TWDAYS > 0, Q15 MODE = 2 TELECOMMUTE
IF DADAYS > 0, Q15 MODE = 3 DRIVE ALONE
IF CPDAYS > 0, Q15 MODE = 4 CARPOOL
IF VPDAYS > 0, Q15 MODE = 5 VANPOOL
IF BUDAYS > 0, Q15 MODE = 6 BUS
IF MRDAYS > 0, Q15 MODE = 7 METRORAIL
IF CRDAYS > 0, Q15 MODE = 8 COMMUTER TRAIN
IF BKDAYS > 0, Q15 MODE = 9 BICYCLE/SCOOTER
IF WKDAYS > 0, Q15 MODE = 10 WALKING
IF OTDAYS > 0, Q15 MODE = 11 OTHER
IF SEDAYS > 0, Q15 MODE = 18 SELF-EMPLOYED, WORK AT HOME

DEFINE PRIMARY MODE

SET PRMODE = Q15 MODE WITH HIGHEST NUMBER OF DAYS. IF TIE FOR HIGHEST NUMBER, CHOOSE PRIMARY MODE IN THIS PRIORITY ORDER: 5 (VANPOOL), 4 (CARPOOL), 7 (METRORAIL), 6 (BUS), 8 (COMMUTER TRAIN), 9 (BICYCLE/SCOOTER), 10 (WALKING), 2 (TELECOMMUTE), 3 (DRIVE ALONE), 11 (OTHER), 18 (SELF-EMPLOYED, WORK AT HOME). DO NOT SELECT COMPRESSED SCHEDULE (1) AS PRIMARY MODE

DEFINE CALTDAYS = TOTAL Q15 DAYS USING MODES 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 = SUM OF (RCDAYS + CCDAYS + VPDAYS + BPDAYS + RBDAYS + MRDAYS + MDDAYS + VRDAYS + AMDAYS + BKDAYS + WKDAYS)

DEFINE TELEWORKER

**TELEWORKER = 1 (YES) IF (TWDAYS > 0 OR Q12 = 2, 3, 4, 5, 6, 7, 95)
TELEWORKER = 2 (NO) IF (TWDAYS = 0 AND Q12 = 1 OR 99)**

**IF SURVTYPE = 2 (SEWAH), SKIP TO INSTRUCTIONS BEFORE Q15e
IF SURVTYPE = 3 (TELEALL), SKIP TO INSTRUCTIONS BEFORE Q15e
IF SURVTYPE = 5 (HOMEOTHER), SKIP TO INSTRUCTIONS BEFORE Q15e**

NEW MODE FOLLOW-UP QUESTIONS

**IF BKDAYS = 0 (no bike/scooter), SKIP TO INSTRUCTIONS BEFORE Q15b
IF BKDAYS > 0 (bicycle/e-scooter used), ASK Q15a**

15a On the day(s) that you bike or ride a scooter/e-scooter to work, is it a...? Select all that apply. **(ACCEPT MULTIPLES)**

- 1 Capital Bikeshare bike
- 2 Personal bike (including bike borrowed from friend or family member)
- 3 Dockless bike
- 4 Rented scooter/e-scooter
- 5 Personal scooter/e-scooter
- 98 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q15b

**IF ULDDAYS = 0 (no Uber, Lyft), SKIP TO INSTRUCTIONS BEFORE Q15e
IF ULDDAYS > 0 (Uber, Lyft used), ASK Q15b AND Q15c**

15b You mentioned using Uber, Lyft, or Via for some of your trips to work. Which of these ridehailing services do you use for these trips? (Select all that apply)

- 1 Lyft
- 2 Uber (riding alone as a passenger)
- 3 UberPool or Uber Express Pool (riding with other passengers)
- 4 Via
- 95 Other (please specify) _____
- 98 Not sure
- 99 Left blank

15c How would you likely have made these trips if this/these ridehailing services were not available? (Select all that apply)

- 1 Drive alone (personal car, SUV, truck, van, motorcycle)
- 2 Taxi
- 3 Public transit (bus, buspool, Metrorail, commuter train)
- 4 Carpool or vanpool, casual carpool/slug
- 5 Bicycle
- 6 Walk
- 95 Other (please specify) _____
- 98 Not sure
- 99 Left blank

IF Q15b NE 3 AND Q15b NE 4, SKIP TO Q16

IF (Q15b = 3 (UberPool/Uber Express Pool) OR 4 (Via)) AND (CPDAYS = 0 AND VPDAYS = 0) (NO DAYS OF CP, VP IN Q15), ASK Q15c

15d On the days that you ride UberPool, Uber Express Pool, or Via to or from work, how many people, including yourself, but excluding the driver, usually ride in the vehicle?

_____ total people in pool (must be more than 1)

998 Not sure

999 Left blank

INSTRUCTIONS BEFORE Q15e

IF (SURVTYPE = 2 (SEWAH), DO NOT SHOW Q15e. AUTOCODE Q15e = 5, THEN SKIP TO DEFINE COMMUTE STATUS

IF (SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER) AND Q12a = 7), DO NOT SHOW Q15e. AUTOCODE Q15e = 1, THEN SKIP TO DEFINE COMMUTE STATUS

IF (SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER) AND Q12a = 1-6, 95, 99, DO NOT SHOW Q15e. AUTOCODE Q15e = 2, THEN SKIP TO DEFINE COMMUTE STATUS

IF (SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), ASK Q15e

15e Is your current travel to work as you just described it about the same as your commute before the coronavirus pandemic began, or is it different than before the pandemic? **(SHOW RESPONSES 3, 4, 98 ON SCREEN; DO NOT SHOW 1, 2, 5, OR 99)**

1 Full-time telework now, full-time TW pre-pandemic

2 Full-time telework now, NOT full-time TW pre-pandemic

3 Current commute is about the same now as before the pandemic

4 Current commute is substantially different than before the pandemic

5 Self-employed, work at home

98 Not sure

99 Left blank

COMMSTAT. DEFINE COMMUTE STATUS (Current commute vs pre-pandemic)

IF Q15e = 3, COMMSTAT = 1 NONTW-SAME

IF Q15e = 2, COMMSTAT = 2 FTTW-DIFFERENT

IF Q15e = 4, 98, OR 99, COMMSTAT = 3 NONTW-DIFFERENT

IF Q15e = 1, COMMSTAT = 4 FTTW-SAME

IF Q15e = 5, COMMSTAT = 5 SEWAH-SAME

IF COMMSTAT = 5 (SEWAH-SAME), SKIP TO Q61

IF COMMSTAT = 4 (FTTW-SAME), SKIP TO INSTRUCTIONS BEFORE Q34

IF COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT) OR 3 (NONTW-DIFFERENT), ASK Q15f – Q15k

15f The coronavirus pandemic has disrupted work schedules and work places for many people. Has your work situation or commute changed in any of the following ways, compared with the time before pandemic began in early 2020? Select all that apply. **(ACCEPT MULTIPLE RESPONSES FOR 1-95)**

- 1 Started working from home/telecommuting
- 2 Increased the number of days I work from home/telecommute
- 3 Changed the type of transportation I use to get to work
- 4 Changed jobs, work at a different job/employer
- 5 Work different days or hours, increased/decreased work hours
- 95 Some other change (PLEASE DESCRIBE) _____
- 97 Have not made any changes in my work situation or commute **(SKIP TO Q15h)**
- 99 Left blank **(SKIP TO Q15h)**

15h Please think back to early 2020, before the pandemic began. In a typical week then, what types of transportation did you use for your trip to work?

In the first column, indicate all the types of transportation that you used regularly (at least one day per week) for your trip to work. **(ACCEPT MULTIPLE RESPONSES FOR 1-95 in Q15h1.)**

In the last column, indicate the single type of transportation that you used MOST days for your trip to work. Select only one option in this column. **(ALLOW ONLY ONE OPTION IN Q15h2)**

	Type of transportation Used BEFORE Pandemic	Q15h1 Used 1+ day per week for trip to work (Select all that apply)	Q15h2 Used MOST workdays for trip to work (Select only one)
1	Drive alone in a car, truck, SUV, van, or motorcycle		
2	Taxi, Uber, Lyft, Via		
3	Carpool, casual carpool/slug, or vanpool		
4	Bus, buspool/commuter bus		
5	Metrorail		
6	Commuter train (MARC, VRE, Amtrak)		
7	Bicycle/scooter/e-scooter		
8	Walk		
9	Telecommute/telework (all day)		
95	Other (Specify) _____		

IF COMMSTAT = 1 (NONTW-SAME) OR 3 (NONTW-DIFFERENT), SKIP TO Q16
IF COMMSTAT = 2 (FTTW-DIFFERENT), ASK Q15m

15m You said you are working from home full-time now. How many miles is it one-way from your home to where you would work if you were not working from home? **(PERMIT UP TO ONE DECIMAL PLACE)**

Number of miles _____

888 Not sure

999 Left blank

IF COMMSTAT = 2 (FTTW-DIFFERENT), SKIP TO INSTRUCTIONS BEFORE Q34

16 How many miles is it one-way from your home to your usual work location? **(PERMIT UP TO ONE DECIMAL PLACE)**

Number of miles _____

888 Not sure

999 Left blank

16a How many minutes does it typically take you to travel from home to work? If the time varies from day to day, enter what would be most typical **(PERMIT WHOLE NUMBERS ONLY, NO DECIMAL PLACES)**

Number of minutes _____

888 Not sure

17a At what time do you typically arrive at work? If your schedule varies, please select what is most typical.

1 12:01 am – 5:59 am

2 6:00 am – 6:29 am

3 6:30 am – 6:59 am

4 7:00 am – 7:29 am

5 7:30 am – 7:59 am

6 8:00 am – 8:29 am

7 8:30 am – 8:59 am

8 9:00 am – 9:29 am

9 9:30 am – 9:59 am

10 10:00 am – 5:59 pm

11 6:00 pm – 12 midnight

12 NA – DO NOT SHOW ON SCREEN

88 Not sure

99 Left blank

INSTRUCTIONS BEFORE Q18 (USE OF ALTERNATIVE MODES)

IN Q18, <MODE Q15> = ALL TRAVEL MODES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 NAMED IN Q15 (DO NOT ASK ABOUT MODES 16 (TW), 17 (CWS) AND/OR 95 (OTHER))

IF ONLY MODE Q15 = 16 (TW), 17 (CWS) AND/OR 95 (OTHER) SKIP TO INSTRUCTIONS BEFORE Q34

IN Q18, LIST ONLY MODES REPORTED IN Q15 (with additional changes shown); USE THE MODE NAMES SHOWN;

18 How long have you been using the type or types of transportation shown below to get to work? Please enter the number of months. Hover here for a years-to-months conversion table.

Type of transportation	Number of months	Don't recall (888)
1 Drive alone in a car, truck, SUV, or van		<input type="radio"/>
2 Taxi		<input type="radio"/>
3 Uber, Lyft, Via		<input type="radio"/>
4 Motorcycle		<input type="radio"/>
5 Carpool (Including carpool w/family member, dropped off)		<input type="radio"/>
6 Casual carpool (slugging)		<input type="radio"/>
7 Vanpool		<input type="radio"/>
8 Buspool (including commuter bus, subscription bus)		<input type="radio"/>
9 Bus (public bus, shuttle)		<input type="radio"/>
10 Metrorail		<input type="radio"/>
11 MARC (MD commuter rail)		<input type="radio"/>
12 VRE (Virginia commuter rail)		<input type="radio"/>
13 Amtrak/other train		<input type="radio"/>
14 Bicycle/scooter/e-scooter (including bikeshare, dockless bike)		<input type="radio"/>
15 Walk		<input type="radio"/>
95 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>
16 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>
17 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>
20 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>
21 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>
18 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>

DEFINE RECENT MODE = Q18 MODE WITH FEWEST NUMBER OF MONTHS; IF TIE FOR RECENT MODE, DESIGNATE BOTH MODES AS RECENT MODE

Skip Q20 (reasons for change) if RECENT MODE duration is 36 months or longer

IF RECENT MODE Q18 DURATION IS 36 MONTHS OR LONGER, SKIP TO INSTRUCTIONS BEFORE Q28

IF RECENT MODE DURATION IS LESS THAN 36 MONTHS, ASK Q20. INSERT MODE NAME AS FOLLOWS:

IF RECENT MODE IS 1 (DRIVE ALONE), INSERT "driving alone" IN Q20

IF RECENT MODE IS 2 (TAXI), INSERT "riding in a taxi" IN Q20

IF RECENT MODE IS 3 (UBER/LYFT/VIA), INSERT "riding Uber, Lyft, or Via" IN Q20

IF RECENT MODE IS 4 (MOTORCYCLE), INSERT "riding a motorcycle" IN Q20

IF RECENT MODE IS 5 (CARPOOL) OR 6 (CASUAL CARPOOL), INSERT "carpooling" IN Q20

IF RECENT MODE IS 7 (VANPOOL), INSERT "vanpooling" IN Q20

IF RECENT MODE IS 8 (BUSPOOL) OR 9 (BUS), INSERT "riding a bus" IN Q20

IF RECENT MODE IS 10 (METRORAIL), INSERT "riding Metrorail" IN Q20

IF RECENT MODE IS 11 (MARC), 12 (VRE), OR 13 (Amtrak), INSERT "riding commuter rail" IN Q20

IF RECENT MODE IS 14 (BIKE), INSERT "riding a bicycle or scooter" IN Q20

IF RECENT MODE IS 15 (WALK), INSERT "walking" IN Q20

20 You began <RECENT MODE Q15 riding Metrorail, riding a bus, riding a bicycle or scooter, walking, carpooling, vanpooling, riding commuter rail, driving alone, riding a motorcycle, riding in a taxi, riding Uber, Lyft, or Via > in the past three years for your trip to work. For what reasons did you make this change?

OPEN-ENDED RESPONSE – CODE IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

Personal circumstances/preferences

- 1 Changed jobs/work hours
- 2 Moved to a different residence
- 3 Employer or worksite moved
- 4 Spouse started new job
- 5 Save money
- 6 Save time
- 7 Gas prices too high
- 8 Tired of driving
- 9 Prefer to drive, wanted to drive
- 10 Safety
- 11 No vehicle available
- 12 Car became available, additional car in household
- 13 To stay with family/children
- 14 HOV lanes available
- 50 Express lanes available
- 15 Congestion (other)
- 16 Always used
- 17 Close to work or transportation pick up/drop off location
- 18 Afraid of or didn't like previous form of transportation
- 19 Stress
- 20 Weather
- 21 Bought hybrid vehicle
- 22 Convenient (NOT AN ANSWER, PROBE FOR WHY IT'S CONVENIENT)
- 23 To get exercise

- 24 Concerned about the environment, global warming
- 53 Coronavirus pandemic, job/work location closed

Commute Services/Programs

- 25 New option that became available
- 26 Protected bike lanes available
- 27 Pressure or encouragement from employer, special program at work
- 28 GRH
- 29 Air Quality Action Days
- 30 No parking
- 31 Parking expense, parking cost too high
- 32 Found carpool partner (Commuter Connections, ZimRide, Waze, UberPool, craigslist, other)
- 33 NuRide (VA carpool incentive)
- 34 SmartTrip/SmartBenefit, transit subsidy, vanpool subsidy, Commuter Choice Maryland
- 35 'Pool Rewards carpool/vanpool incentive
- 50 Flextime Reward
- 51 CarpoolNow mobile app
- 52 incenTrip

Information/Promotion

- 36 Advertising
- 37 Initiated request/looked for information on my own
- 38 Info. From Commuter Connections/Council of Governments/COG/800 number
- 39 Commuter Connections Website
- 40 Other Website
- 41 Word of mouth/recommendation
- 42 Information from transit agency
- 43 Saw highway sign
- 44 Social media – Facebook, Twitter, Instagram, YouTube
- 95 Other _____
- 88 Not sure
- 99 Left blank

IF RECENT MODE DURATION IS LESS THAN 26 MONTHS, ASK Q21

IF RECENT MODE DURATION IS 26 OR MORE MONTHS, SKIP TO INSTRUCTIONS BEFORE Q28

21 How significant a factor was the coronavirus pandemic in your decision to make this change?

- 1 Pandemic was the only factor
- 2 Pandemic was a major factor
- 3 Pandemic was a minor factor
- 4 Pandemic was not a factor at all
- 98 Not sure
- 99 Left blank

ALTERNATIVE MODE PATTERNS

Programmer note for Q28 – Q31: Review current use of carpool, vanpool, bus, train from Q15: CPDAYS, VPDAYS, BUDAYS, MRDAYS, CRDAYS.

IF NO CP, VP, bus, or train in Q15, skip to Q34.

If respondent used carpool (CPDAYS > 0) or vanpool (VPDAY > 0), ask Q28 and Q28a, inserting either “carpool” or “vanpool” as indicated by the instructions.

If no carpool/vanpool in Q15, but respondent used transit (BUDAYS > 0 or MRDAYS > 0 or CRDAYS > 0), skip to Q29 and follow instructions there.

INSTRUCTIONS BEFORE Q28

IF (CPDAYS = 0 AND VPDAYS = 0 AND BUDAYS = 0 AND MRDAYS = 0 AND CRDAYS = 0), SKIP TO INSTRUCTIONS BEFORE Q34

IF CPDAYS = 0 AND VPDAYS = 0 AND (BUDAYS > 0 OR MRDAYS > 0 OR CRDAYS > 0), SKIP TO INSTRUCTIONS BEFORE Q29

IF CPDAYS > 0 AND VPDAYS = 0, ASK Q28, INSERTING “carpool” IN Q28

IF CPDAYS > 0 AND VPDAYS > 0, ASK Q28, INSERTING “vanpool” IN Q28

28 On the days that you [carpool, vanpool (FROM Q15)], how many people, including yourself, usually ride in the vehicle?

_____ total people in pool (must be more than 1)

99 Left blank

IF CPDAYS = 0, SKIP TO INSTRUCTIONS BEFORE Q29

IF CPDAYS > 0 AND VPDAYS > 0, SKIP TO INSTRUCTIONS BEFORE Q29

IF CPDAYS > 0 AND VPDAYS = 0, CONTINUE WITH Q28a

28a How did you find the people with whom you now carpool? (Select all that apply)

- 1 I carpool with family members
- 2 Referral/asked or was asked by a friend, co-worker, or neighbor
- 3 Regional or local public agency that helps find carpool partners
- 4 Through my employer
- 5 Waze
- 6 UberPool/Uber Express Pool
- 7 ZimRide
- 8 craigslist
- 9 Via
- 10 Slug/casual carpool, so different people each day
- 95 Other (please specify) _____
- 88 Not sure, don't recall
- 99 Left blank

Programmer note for Q29-Q30: For Q29, insert one of the four modes (carpool, vanpool, bus, train). If respondent was asked about either carpool or vanpool in Q28, ask about that SAME mode in Q29. If respondent did not use carpool/vanpool but did use transit (BUDAYS > 0 or MRDAYS > 0 or CRDAYS > 0), ask Q29 inserting either "bus" or "train" following the instructions below.

INSTRUCTIONS BEFORE Q29

IF CPDAYS > 0 AND VPDAYS = 0, INSERT "carpool" IN Q29 AND Q30

IF CPDAYS > 0 AND VPDAYS > 0, INSERT "vanpool" IN Q29 AND Q30

IF CPDAYS = 0 AND VPDAYS = 0 AND BUDAYS > (MRDAYS + CRDAYS), INSERT "bus" IN Q29 AND Q30

IF CPDAYS = 0 AND VPDAYS = 0 AND BUDAYS <= (MRDAYS + CRDAYS), INSERT "train" IN Q29 AND Q30

IF Q29 INSERT = "bus" or "train," DO NOT SHOW Q29 RESPONSES 1, 2, OR 3 ON THE SCREEN – SHOW ONLY 4 – 9 AND 95. IF Q15 MODE NAMED IN Q29 = CARPOOL OR VANPOOL, SHOW ALL RESPONSES 1-9 AND 95.

29 How do you get from home to where you meet your <Q15 MODE: carpool, vanpool, bus, train>?

- 1 Picked up at home by car/van pool or leave from home with household member (**SKIP TO INSTRUCTIONS BEFORE Q34**)
- 2 I always drive the car pool/van pool and pick up riders (**SKIP TO INSTRUCTIONS BEFORE Q34**)
- 3 Drive alone to driver's home or drive alone to passenger's home
- 4 Drive to a central location, like park & ride, or train or subway station
- 5 Dropped off or ride in another car/van pool (**SKIP TO INSTRUCTIONS BEFORE Q31**)
- 6 Bicycle
- 7 NA – DO NOT SHOW ON SCREEN
- 8 Walk
- 9 Bus/transit
- 95 other (**SPECIFY**) _____
- 99 Left blank (**SKIP TO INSTRUCTIONS BEFORE Q31**)

30 How many miles is it one way from your home to where you meet your <Q15 MODE: carpool, vanpool, bus, or train>? (**ALLOW ONLY NUMERIC ENTRIES, ALLOW ONE DECIMAL PLACE**)

- _____ miles
- 888 Not sure
- 999 Left blank

INSTRUCTIONS BEFORE Q31

IF CPDAYS > 0 OR VPDAYS > 0, SKIP TO INSTRUCTIONS BEFORE Q34

IF BUDAYS = 0 AND MRDAYS = 0 AND CRDAYS = 0, SKIP TO INSTRUCTIONS BEFORE Q34

IF BUDAYS > (MRDAYS + CRDAYS), INSERT "bus" IN Q31

IF BUDAYS <= (MRDAYS + CRDAYS), INSERT "train" IN Q31

31 And how do you get from where you get off the <Q15 MODE: bus, train> to your workplace? If you take more than one bus or train on your trip, answer for when you get off the final bus or train of your trip.

- 1 Walk
- 2 Taxi
- 3 Uber, Lyft, or Via
- 4 Capital Bikeshare bike
- 5 Personal bike
- 6 Dockless bike
- 7 Scooter/e-scooter
- 97 other (SPECIFY) _____
- 99 Left blank (SKIP TO INSTRUCTIONS BEFORE Q34)

TELECOMMUTE

INSTRUCTIONS BEFORE Q34

IF TELEWORKER = 2 (NO), SKIP TO INTRO BEFORE Q45

IF TELEWORKER = 1 (YES) AND (SURVTYPE = 3 (TELEALL) OR SURVTYPE = 5 (HOMEOTHER)), ASK Q34, BUT DO NOT SHOW INTRO TO Q34, SKIP DIRECTLY TO Q34

IF TELEWORKER = 1 (YES) AND (SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED)), CONTINUE WITH INTRO TO Q34, THEN ASK Q34.

INTRO TO Q34: Next, please answer a few more questions about telecommuting/teleworking or working from home.

34 How long have you been telecommuting/teleworking? Please enter as the number of months. Hover here for a years-to-months conversion table.

Duration of Telework Use	Enter number of months
Number of months	
998 Not sure	<input type="radio"/>

999 Left blank

IF Q34 RESPONSE IS 26 MONTHS OR LESS, ASK Q35

IF Q34 RESPONSE IS > 26 MONTHS OR 998, 999, SKIP TO INSTRUCTIONS BEFORE Q36

35 How significant a factor was the coronavirus pandemic in your decision to start telecommuting/teleworking?

- 1 Pandemic was the only factor
- 2 Pandemic was a major factor
- 3 Pandemic was a minor factor
- 4 Pandemic was not a factor at all
- 98 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q36

IF SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER), AUTOCODE Q36 = 1, THEN SKIP TO Q42

36 Where do you work when you telecommute/telework? If you telecommute from multiple locations, please check the location where you telecommute most often. **ALLOW ONLY ONE RESPONSE.**

- 1 Always/only at home (**SKIP TO Q42**)
- 2 Telework or co-working center
- 3 Satellite office provided by employer
- 4 Business/retail service center (FedEx/Kinkos) or library/community center
- 95 other location (**SPECIFY**) _____
- 19 Both home and another location
- 99 Left blank (**SKIP TO Q42**)

IF Q36 = 2, 3, 4, 95, ASK Q38 AND Q39

IF Q36 = 1, 19, OR 99, SKIP TO Q42

38 How many miles is it one way from your home to this location?

_____ miles (ALLOW ONE DECIMAL)

- 99 Left blank

39 And how do you get from home to this location? Select all that apply.

- 1 Drive alone, motorcycle, or taxi/Uber/Lyft
- 2 Carpool (including dropped off) or casual carpool/slug
- 3 Vanpool
- 4 Bus or train (Metrorail/commuter rail)
- 5 Bicycle/scooter/e-scooter (including bikeshare, dockless bike)
- 6 Walk
- 99 left blank

42 Did you find out about telecommuting or obtain telecommute/telework information from any of the following sources? Select all that apply. **(ALLOW MULTIPLE RESPONSES FOR 1-95)**

- 1 Advertising
- 2 Program at work/employer provided information/employer required work from home
- 3 NA
- 4 NA
- 5 Word of mouth, referral
- 6 Newspaper or magazine article, radio or TV story
- 7 NA
- 8 Website (please specify) _____
- 9 County/City or jurisdiction program (please specify) _____
- 10 Social media source (Twitter, Facebook, Instagram, tictok, other)
- 11 Business or trade/industry organization
- 12 Telework!VA
- 95 Other (SPECIFY) _____
- 96 Did not use any of these sources
- 98 Not sure
- 99 left blank

43 Did you receive any telecommute/telework information from Commuter Connections or from the Metropolitan Washington Council of Governments?

- 1 Yes
- 2 No
- 98 Not sure
- 99 left blank

44 If given a choice by your employer, how often would you want to telecommute/telework in the future?

- 1 Not interested in continuing to work at home/telework at all
- 2 Less than one day per month
- 3 1 to 3 days per month
- 4 1 to 2 days per week
- 5 3 to 4 days per week
- 6 All of my workdays (or 5 or more days per week)
- 98 Not sure
- 99 Left blank

IF SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER), SKIP TO INSTRUCTIONS BEFORE Q53a/b
IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), CONTINUE WITH INTRO BEFORE Q45

AVAILABILITY OF TRANSPORTATION OPTIONS

INTRO BEFORE Q45: Next, please answer the following questions about your route to work and transportation services that might be available in your area.

INSTRUCTIONS BEFORE Q45

IF SUM OF (CPDAYS + VPDAYS + BUDAYS + MRDAYS + CRDAYS) = 0 OR 1, SKIP TO INSTRUCTIONS BEFORE Q46
IF SUM OF (CPDAYS + VPDAYS + BUDAYS + MRDAYS + CRDAYS) = 2, 3, 4, OR 5, ASK Q45

Check sum of days using Personal vehicle (DA/ MC /Taxi, Uber/Lyft/Via, CP, VP) – Show different form of Q45 question depending on sum of vehicle days

IF Q45 IS ASKED, USE THE FOLLOWING STATEMENT, DEPENDING ON NUMBE OF DA/CP/VP DAYS

V1 - IF SUM OF (DADAYS + CPDAYS + VPDAYS) = 4 OR 5, INSERT “What Interstate highways or major U.S. or state routes do you use on your trip to work?”

V2 - IF SUM OF (DADAYS + CPDAYS + VPDAYS) = 1, 2, OR 3, INSERT, “On days that you drive or ride to work in a personal vehicle, what Interstate highways or major U.S. or state routes do you use?”

V3 - IF SUM OF (DADAYS + CPDAYS + VPDAYS) = 0, INSERT, “If you were to drive to work, what Interstate highways or major U.S. or state routes would you use?”

- 45 V1 - What Interstate highways or major U.S. or state routes do you use on your trip to work?
 V2 - On days that you drive or ride to work in a personal vehicle, what Interstate highways or major U.S. or state routes do you use?
 V3 - If you were to drive to work, what Interstate highways or major U.S. or state routes would you use?

Interstates

- 1 Capital Beltway (I-495) (MD)
- 2 Capital Beltway (I-495) (VA)
- 3 I-66 OUTSIDE the Beltway (VA)
- 4 I-66 INSIDE the Beltway (VA)
- 5 I-95 (MD)
- 6 I-95 (VA)
- 7 I-270 (MD)
- 8 I-295 (DC / MD)
- 9 I-395 (VA)
- 10 I-695 (DC - Southeast-Southwest Freeway, Southwest Expressway)
- 11 I-695 (MD - Baltimore Beltway)

Major State / US Routes

- 12 BW Parkway (US 295, Baltimore-Washington Parkway - MD)
 - 13 Dulles Toll Road (Dulles Greenway, Route 267)
 - 14 GW Parkway (George Washington Parkway)
 - 15 ICC (Inter-County Connector, Route 200)
 - 16 US Route 1 (MD)
 - 17 US Route 1 (VA - Richmond Highway, Jefferson Davis Highway)
 - 18 US Route 29 (MD - Colesville Road, Columbia Pike)
 - 19 US Route 29 (VA – Lee Highway)
 - 20 US Route 50 (MD – John Hanson Highway)
 - 21 US Route 50 (VA – Lee Jackson Highway, Arlington Blvd, Fairfax Blvd)
 - 22 US Route 301 (MD)
- 98 Do not / would not use any of these Interstate or U.S. or state routes
999 Left blank

INSTRUCTIONS BEFORE Q46

IF DADAYS = 0 AND CPDAYS = 0 AND VPDAYS = 0 AND BUDAYS = 0 MRDAYS = 0 AND CRDAYS = 0, SKIP TO Q53a/b

- 46 Is there a special HOV (High Occupancy Vehicle) lane, toll lane, or express lane along your route to work?
- 1 HOV lane only
 - 2 Toll lane or Express lane only **(SKIP TO Q47a)**
 - 3 Both HOV lane and toll/express lane
 - 4 No, HOV/toll/express not available **(SKIP TO Q52)**
 - 98 Not sure **(SKIP TO Q52)**
 - 99 Left blank **(SKIP TO Q52)**

IF Q46 = 1 OR 3, ASK Q47

- 47 How often do you use the HOV lane to get to or from work?
- 1 Never
 - 2 Less than once per month
 - 3 1-3 days per month
 - 4 1-2 days per week
 - 5 3 or more days per week
 - 99 Left blank

IF (Q46 = 1 AND Q47 = 1, 99), SKIP TO INSTRUCTIONS BEFORE Q50

IF (Q46 = 1 AND Q47 = 2, 3, 4, 5), SKIP TO Q47b

IF Q46 = 2 OR 3, ASK Q47a

- 47a How often do you use the toll lane/express lane to get to or from work?
- 1 Never
 - 2 Less than once per month
 - 3 1-3 days per month
 - 4 1-2 days per week
 - 5 3 or more days per week
 - 99 Left blank **(SKIP TO INSTRUCTIONS BEFORE Q50)**

IF (Q47 = 2, 3, 4, OR 5) OR (Q47a = 2, 3, 4, OR 5), ASK Q47b

47b Which HOV and/or toll/express lanes do you use to get to or from work? Select all that apply. **(ACCEPT MULTIPLES FOR 1-95)**

1. Capital Beltway (I-495) (MD)
2. Capital Beltway (I-495) (VA)
3. I-66 OUTSIDE the Beltway (VA)
4. I-66 INSIDE the Beltway (VA)
5. I-95 (VA)
6. I-270 (MD)
7. I-295 (DC / MD)
8. I-395 (VA)
9. I-270 (MD)
10. Dulles Toll Road (VA)
11. US Route 50 (MD)
12. Dulles Toll Road (Dulles Greenway, Route 267)
13. ICC (Inter-County Connector, Route 200)
14. US Route 1 (VA - Richmond Highway, Jefferson Davis Highway)
- 95 Other road (please specify) _____
- 99 Left blank

IF Q46 = 1, SKIP TO INSTRUCTIONS BEFORE Q50

IF ((Q46 = 2, 3) AND (Q47a = 1 OR 99)) SKIP TO INSTRUCTIONS BEFORE Q50

IF Q47a = 2, 3, 4, OR 5, ASK Q47c

47c On the days you use the toll/express lanes are you ...? (Select all that apply)

- 1 Driving alone
- 2 Riding in a carpool/vanpool
- 3 Riding transit (bus, commuter bus)
- 88 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q50

IF Q47 = 2, 3, 4, OR 5 OR Q47a = 2, 3, 4, OR 5, ASK Q50

IF Q47 = 1 OR 99 AND Q47a = 1 OR 99, SKIP TO Q52

50 How much time (in minutes) does the HOV or toll/express lane save you in your one-way trip to or from work?

_____ minutes

- 888 Not sure
- 999 Left blank

51 Did availability of the HOV or toll/express lane influence you to make any of the following changes in how you commute? Select all that apply.

- 1 NA – DO NOT USE AND DO NOT SHOW ON SCREEN
- 2 No - HOV/express lanes did not influence me to make changes in my commute
- 3 Started carpooling, slugging, or vanpooling to use the lanes
- 4 Started riding a commuter/express bus to use the lanes
- 5 Increased the number of riders in my carpool to meet the minimum rider requirement
- 6 Started going to work earlier or later to avoid the lane restriction hours
- 7 Started/increased how often I drive alone to work, knowing I could pay the toll
- 95 Other action (Specify) _____
- 99 Left blank

- 52 Do you know the locations of Park 'n Ride lots along the route that you take to work?
- 1 Yes
 - 2 No (**SKIP TO Q53a**)
 - 3 There aren't any (**SKIP TO Q53a**)
 - 88 Not sure (**SKIP TO Q53a**)
 - 99 Left blank (**SKIP TO Q53a**)
- 53 In the past year have you used Park 'n Ride lots when commuting to work?
- 1 Yes
 - 2 No
 - 98 Not sure
 - 99 Left blank

ATTITUDES TOWARD TRANSPORTATION MODES

Programmer note: SURVTYPE = 1 and 2 have already been skipped out of this section. The following instructions clarify skips for SURVTYPES 3, 4, 5, 9

INSTRUCTIONS BEFORE Q53a/b

- IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND COMMSTAT = 4 (FTTW-SAME), SKIP TO INSTRUCTIONS BEFORE Q59**
- IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), ASK Q53a/b**
- IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), ASK Q53a/b**

53a/b About how far from your home is the nearest bus stop and train station? You may report the distance in EITHER miles or blocks. (**ALLOW 1 DECIMAL PLACE FOR MILES**)

Distance to ...	Miles	Blocks	Not sure (998)
a Bus stop			<input type="radio"/>
b Train station			<input type="radio"/>

INSTRUCTIONS BEFORE Q53c

Programmer note: If respondent reported any current bus/train use in Q15 (TRDAYS > 0) or in Q29, do not ask Q53c - Q54

if (TRDAYS > 0 OR Q29 = 9), SKIP TO INSTRUCTIONS BEFORE Q55

- 53c You said earlier that you don't regularly use public transit (bus, Metrorail, or commuter rail) to get to work. In the past three years, did you ever use public transit for your commute?
- 1 No, didn't use transit at all (**SKIP TO INSTRUCTIONS BEFORE Q53g**)
 - 2 Used transit a few times (**SKIP TO INSTRUCTIONS BEFORE Q53g**)
 - 3 Used transit occasionally, but less than one day per week
 - 4 Used transit regularly, one or more days per week
 - 98 Not sure (**SKIP TO INSTRUCTIONS BEFORE Q53g**)
 - 99 Left blank (**SKIP TO INSTRUCTIONS BEFORE Q53g**)

53d How significant a factor was the coronavirus pandemic in your decision to stop riding transit for your commute?

- 1 Pandemic was the only factor (**SKIP TO Q53g**)
- 2 Pandemic was a major factor
- 3 Pandemic was a minor factor
- 4 Pandemic was not a factor at all
- 98 Not sure
- 99 Left blank

53e What other factors influenced your decision to stop using public transit for your commute?

OPEN-ENDED RESPONSE – CODE IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 I still use transit occasionally
- 2 Moved to different residence where transit was not available
- 3 Started a new job where transit was not available or did not operate at the time I needed
- 4 Needed my car for work
- 5 Needed my car before or after work or for emergencies/overtime
- 6 Didn't feel safe on bus/train or at bus stops or train stations
- 7 Bus/train was unreliable/late
- 8 Distance was too far
- 9 Took too much time
- 10 Prefer to be alone during commute
- 11 Too expensive
- 12 Buses/train was too uncomfortable/crowded
- 13 Had to transfer/too many transfers or had to wait too long between buses/trains
- 14 Had a bad experience with the bus or train
- 15 Started using Uber, Lyft, Via
- 16 Started bicycling/e-scooter
- 17 Pandemic – didn't feel safe on transit
- 18 Pandemic - Workplace closed, working at home, not commuting
- 98 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q53g

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), SKIP TO INSTRUCTIONS BEFORE Q59

IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), CONTINUE WITH Q53g

53g Considering your work and personal schedules, how often might you be able to use public transit to get to work now?

- 1 Never
- 2 Occasionally, but less than one day per month
- 3 1 to 3 days per month
- 4 1 to 2 days per week
- 5 3 or more days per week
- 98 Not sure
- 99 Left blank

Programmer Note: If respondent was asked about reason for stopping transit, do not ask Q54 – it would be too similar a question

IF (Q53d = 1, 2, 3, 4, 98, 99) OR Q53e = ANY RESPONSE, SKIP TO INSTRUCTIONS BEFORE Q55

54 What reasons keep you from regularly using public transit for your commute to work now?

OPEN-ENDED RESPONSE – CODE IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 No bus service available (in home area or in work area/bus too far away)
- 2 No train service available (in home area or in work area/train too far away)
- 3 Don't know if service is available/don't know location of bus stops / train stations
- 4 Need my car for work
- 5 Need car before or after work
- 6 Need car for emergencies/overtime
- 7 It might not be safe/I don't feel safe on bus or at bus stops
- 8 It might not be safe/I don't feel safe on trains or train stations
- 9 Bus / train is unreliable/late
- 10 Trip is too long/distance too far
- 11 Takes too much time
- 12 Don't like to ride with strangers
- 13 Prefer to be alone during commute
- 14 Work schedule irregular
- 15 Too expensive
- 16 Buses are too uncomfortable/crowded
- 17 Trains are too uncomfortable/crowded
- 18 Buses or trains too dirty
- 19 Have to transfer/too many transfers
- 20 Had a bad experience with the bus or train in the past
- 21 Have to wait too long for the bus or between buses
- 22 Have to wait too long for the train or between train
- 23 Prefer to use bikeshare or e-scooter
- 24 Prefer to use Uber, Lyft, Via
- 25 Pandemic – don't feel safe on transit
- 26 Pandemic - Workplace closed, working at home, not commuting
- 95 Other (specify) _____
- 98 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q55

Programmer note: If respondent reported any current carpool/vanpool in Q15 (CPDAYS > 0 OR VPDAYS > 0) or in Q29, do not ask Q55 - Q56

If (CPDAYS > 0 OR VPDAYS > 0 OR Q29 = 1, 2, OR 5), SKIP TO INSTRUCTIONS BEFORE Q56b

55 You said earlier that you do not regularly carpool or vanpool to work. In the past three years, did you ever use carpool or vanpool for your commute?

- 1 No, did not carpool/vanpool to work at all (**SKIP TO INSTRUCTIONS BEFORE Q56**)
- 2 Carpooled/vanpooled a few times (**SKIP TO INSTRUCTIONS BEFORE Q56**)
- 3 Carpooled/vanpooled to work occasionally, but less than one day per week
- 4 Carpooled/vanpooled to work regularly, one or more days per week
- 98 Not sure (**SKIP TO INSTRUCTIONS BEFORE Q56**)
- 99 Left blank (**SKIP TO INSTRUCTIONS BEFORE Q56**)

55a How significant a factor was the coronavirus pandemic in your decision to stop carpooling/vanpooling for your commute?

- 1 Pandemic was the only factor (**SKIP TO INSTRUCTIONS BEFORE Q56**)
- 2 Pandemic was a major factor
- 3 Pandemic was a minor factor
- 4 Pandemic was not a factor at all
- 98 Not sure
- 99 Left blank

55b What other factors influenced your decision to stop carpooling/vanpooling for your commute?

OPEN-ENDED RESPONSE – CODE IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 Don't know anyone to carpool/vanpool with
- 2 Need my car for work
- 3 Need car before or after work
- 4 Need car for emergencies/overtime
- 5 It might not be safe/I don't feel safe
- 6 Carpool/vanpool partners are/could be unreliable/late
- 7 Trip is too long/distance too far
- 8 Takes too much time
- 9 Doesn't save time
- 10 Don't like to ride with strangers
- 11 Prefer to be alone during commute
- 12 Work schedule irregular
- 13 Too expensive
- 14 Had a bad experience with carpooling/vanpooling in the past
- 15 Pandemic – don't feel safe riding with others
- 16 Pandemic - Workplace closed, working at home, not commuting
- 95 Other (specify) _____
- 98 Not sure
- 99 Left blank

Programmer Note: If respondent was asked about reason for stopping CP/VP, do not ask Q56 – it would be too similar a question

IF (Q55a = 1, 2, 3, 4, 98, 99) OR Q55b = ANY RESPONSE, SKIP TO INSTRUCTIONS BEFORE Q56b

56 What reasons keep you from regularly using carpool/vanpool for your commute to work now?

OPEN-ENDED RESPONSE – CODE IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 Don't know anyone to carpool/vanpool with
- 2 Need my car for work
- 3 Need car before or after work
- 4 Need car for emergencies/overtime
- 5 It might not be safe/I don't feel safe
- 6 Carpool/vanpool partners are/could be unreliable/late
- 7 Trip is too long/distance too far
- 8 Takes too much time
- 9 Doesn't save time
- 10 Don't like to ride with strangers
- 11 Prefer to be alone during commute
- 12 Work schedule irregular
- 13 Too expensive
- 14 Had a bad experience with carpooling/vanpooling in the past
- 15 Pandemic – don't feel safe riding with others
- 16 Pandemic - Workplace closed, working at home, not commuting
- 95 Other (specify) _____
- 98 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q56b

Programmer note: Ask q56b if respondent has used bike, walk, vanpool, carpool, or transit in Q15. Check the Q15 mode days. IF CALTDAYS> 0, ask Q56b, inserting one mode name. If CALTDAYS = 0, skip to Q56f

IF CALTDAYS = 0, SKIP TO Q56f

IF BKDAYS > 0, ASK Q56b, INSERTING “ride a bicycle or scooter”

IF WKDAYS > 0, ASK Q56b, INSERTING “walk”

IF VPDAYS > 0, ASK Q56b, INSERTING “vanpool”

IF PTDAYS > 0, ASK Q56b, INSERTING “ride public transportation”

IF CPDAYS > 0, ASK Q56b, INSERTING “carpool”

IF MULTIPLE MODES ARE APPLICABLE FOR Q56b, SELECT THE MODE WITH THE GREATEST NUMBER OF DAYS: BKDAYS, WKDAYS, VPDAYS, PTDAYS, CPDAYS; IN THE CASE OF A TIE, USE THE FOLLOWING PRIORITY: bicycle, walk, vanpool, ride public transportation, carpool

56b You said you [ride a bicycle or scooter, walk, carpool, vanpool, ride public transportation] to work some days. What benefits have you personally received from traveling to work this way?

OPEN-ENDED RESPONSE – CODE IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 Save money
- 2 Avoid stress
- 3 Not need to have a car
- 4 Less wear and tear on car
- 5 Use travel time productively (e.g., read, work, sleep)
- 6 Have companionship when they travel
- 7 Arrive at work on time, less likely to be late
- 8 Get exercise, health benefits
- 9 Help the environment
- 10 Reduce greenhouse gases, reduce carbon footprint
- 11 Can use HOV lane
- 95 Other (specify) _____
- 77 No benefits
- 98 Not sure
- 99 Left blank

COMMUTE SATISFACTION AND CURRENT COMMUTE COMPARED TO LAST YEAR

Programmer note: Respondents with SURVTYPE = 4 (COMMUTER) and 9 (UNDEFINED) all will be asked Q56f AND q57.

56f Overall, how satisfied are you with your trip to work?

- 1 1 – Not at all satisfied
- 2 2
- 3 3
- 4 4
- 5 5 – Very satisfied
- 98 Not sure
- 99 Left blank

- 57 Would you say your commute is easier, more difficult, or about the same now as it was one year ago?
- 1 Easier
 - 2 More difficult
 - 3 About the same
 - 4 NA – DO NOT SHOW ON SCREEN
 - 98 Not sure
 - 99 Left blank

CHANGES IN HOME/WORK LOCATION AND TRANSPORTATION FACTORS IN MOVE

Programmer note: SURVTYPE = 1 and 2 have already been skipped out of this section. The following instructions clarify skips for SURVTYPES 3, 4, 5, 9

INSTRUCTIONS BEFORE Q59

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND COMMSTAT = 4 (FTTW-SAME), AUTOCODE Q59 = 4, THEN SKIP TO Q60

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), ASK Q59; ADD "If you are working from home full-time now, because of the pandemic, please respond for the location where you would be working if you were not working from home." Also add "(or would be)" in response 1.

IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), ASK Q59

- 59 Have you changed your work location in the last two years? < *If you are working from home full-time now, because of the pandemic, please respond for the location where you would be working if you had not started working from home.* >
- 1 Yes, work location is different than two years ago
 - 2 No, work location is < *(or would be)* > the same as two years ago **(SKIP TO Q60)**
 - 3 **AUTOCODE: No, FT TW now, FT TW before (SKIP TO Q60)**
 - 98 Not sure **(SKIP TO Q60)**
 - 99 Left blank **(SKIP TO Q60)**

- 59a Where was your previous work location?
- 1 Also in the Washington metropolitan region
 - 2 In Maryland, but outside the Washington metropolitan region
 - 3 In Virginia, but outside the Washington metropolitan region
 - 4 Outside the Washington metropolitan region and outside Maryland and Virginia
 - 98 Not sure
 - 99 Left blank

- 60 Have you moved to a different residence in the last two years?
- 1 Yes
 - 2 No
 - 98 Not sure
 - 99 Left blank

IF (Q59 = 2, 3, 98, OR 99) AND (Q60 = 2, 98, OR 99) SKIP TO Q61

IF (Q59 = 1) AND (Q60 = 2, 98, OR 99) SKIP TO Q60b

IF Q60 = 1, ASK Q60a

- 60a Where was your previous residence location?
- 1 Also in the Washington metropolitan region
 - 2 In Maryland, but outside the Washington metropolitan region
 - 3 In Virginia, but outside the Washington metropolitan region
 - 4 Outside the Washington metropolitan region and outside Maryland and Virginia
 - 98 Not sure
 - 99 Left blank

- 60b What factors did you consider in your decision to make this location change? (**ALLOW MULTIPLE RESPONSES FOR 1-95**)

Commute Factors

- 1 Length of commute (distance or time)
- 16 Ease or difficulty of commute
- 2 Cost of commuting
- 3 Commuting options that would be available (e.g., transit)
- 17 Number of days working from home/teleworking

Residential Factors

- 4 NA – DO NOT SHOW ON SCREEN
- 5 Space to work from home
- 6 Cost of living, cost of housing
- 7 Size of house
- 8 Quality of neighborhood
- 9 Closeness to family or friends
- 10 Entertainment, shopping, services nearby

Job Factors

- 11 Income, salary
- 12 Job satisfaction
- 13 Career advancement, job opportunities
- 14 Office was relocating – moved to stay with my employer
- 95 Other (SPECIFY) _____
- 98 Not sure
- 99 Left blank

IF Q60b ONLY RESPONSE = 1 AND/OR 16 (ease, length of commute), AUTOCODE Q60c = 4, THEN SKIP TO INSTRUCTIONS BEFORE Q60f

- 60c How important to your decision was the length or ease of getting to work compared to the other factors you just mentioned?
- 1 Less important
 - 2 About the same importance
 - 3 More important
 - 4 Commute ease/difficulty, length of commute was the only factor mentioned (**AUTOCODE ONLY – DO NOT SHOW ON SCREEN**)
 - 98 Not sure
 - 99 Left blank

INSTRUCTIONS BEFORE Q60f

Programmer note: Q60f has an insert, depending on respondents SURVTYPE.

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), INSERT: "to where you would work if you were not working from home."

IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), INSERT: "to work."

60f Did the change shorten either the distance or time from your home < *to work, to where you would work if you were not working from home* >?

- 1 Shortened the distance
- 2 Shortened the time
- 3 Shortened BOTH distance and time
- 4 Didn't shorten distance or time
- 88 Not sure
- 99 Left blank

60g When you were considering making this change, did you consider how close your new location would be to any of the following transportation services? Select all that apply. **(ACCEPT MULTIPLES FOR 1-8)**

- 1 Park & Ride lots
- 2 HOV lanes
- 3 Toll/Express lanes
- 4 Protected bike lanes
- 5 Metrorail stations
- 6 Bus stops
- 7 Bikeshare stations
- 8 Scooter/e-scooter service
- 9 Dockless bike service
- 10 Carshare service
- 95 Other service (specify) _____
- 88 Did not consider the distance to any of these services
- 99 Left blank

AWARENESS OF ADVERTISING

61 Next are a few questions about advertising messages. Have you heard, seen, or read any advertising about commuting in the past year?

- 1 Yes
- 2 No **(SKIP TO Q81)**
- 98 Not sure **(SKIP TO Q81)**
- 99 Left blank **(SKIP TO Q81)**

62 What messages do you recall from this advertising?

SHOW OPEN-ENDED TEXT BOX AND 88 CHECK BOX RESPONSE

- 88 Not sure (SKIP TO Q81)
- 99 Left blank (SKIP TO Q81)

SHOW OPEN-ENDED TEXT BOX AND 98 AND 99 CHECK BOX RESPONSES

CODE OPEN ENDED RESPONSES IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 None (SKIP TO Q81)
- 2 That you should rideshare, carpool, vanpool) (NOT ACCEPTABLE ANSWER; PROBE FOR WHY AND RECORD ELSEWHERE)
- 3 That new trains and/or buses are coming
- 4 That you can call for carpool or vanpool info
- 5 Call 1-800-745-RIDE / call Commuter Connections
- 6 Commuter Choice Maryland
- 7 Contact the Commuter Connections website (www.commuterconnections.org, www.commuterconnections.com)
- 8 It saves money
- 9 It saves time
- 10 It is less stressful
- 11 Guaranteed Ride Home (GRH)
- 12 Employer would give me SmartTrip/SmartBenefit benefits
- 13 It would help the environment
- 14 It reduces traffic
- 15 It saves wear and tear on the car
- 16 Ozone Action Days / Code Red Days
- 17 Telecommuting / telework
- 18 HOV lanes
- 19 Regional services/programs are available to help with commute
- 20 Use the bus or train, use Metrobus, Metrorail
- 21 Way to Go, Way to Go Arlington, Car Free Day
- 22 Virginia MegaProjects, Dulles rail extension
- 23 HOT lanes / express lanes / toll roads
- 24 Inter-County Connector (ICC)
- 25 Bike to work Day
- 26 Car Free Day
- 27 Capital Bikeshare
- 28 Transit fare increase
- 29 Toll rate increase
- 30 Carshare, Zip car, Car2Go, Hertz on Demand
- 31 Coronavirus and transit (e.g., cleaning procedures, wear mask, etc)
- 32 Coronavirus and carpool/vanpool
- 95 Other (SPECIFY) _____
- 98 Not sure
- 99 Left blank

63 What organization or group sponsored the ad you recall?

SHOW OPEN-ENDED TEXT BOX AND 98 AND 99 CHECK BOX RESPONSES

-
- 98 Not sure
 - 99 Left blank

CODE OPEN ENDED RESPONSES IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 Commuter Connections
- 2 Metropolitan Washington Council of Governments, MWCOG, COG
- 3 Metro, WMATA
- 4 MARC, Maryland Commuter Rail
- 5 VRE, Virginia Railway Express
- 6 VDOT (Virginia Department of Transportation)
- 7 DDOT (District of Columbia Department of Transportation)
- 8 MDOT (Maryland Department of Transportation)
- 9 VDRPT, Virginia Department of Rail and Public Transportation
- 10 Maryland State Highway Administration
- 11 MTA, Maryland Mass Transit Administration
- 12 WABA, Washington Area Bicycling Association
- 13 Arlington County Commuter Services
- 14 Loudoun County (Transit / Commuter services)
- 15 goDCgo
- 16 Federal government, federal agency (DOD, US DOT)
- 95 Other (specify) _____
- 98 Not sure
- 99 Left blank

64 Where did you see, hear, or read this advertisement? **(MULTIPLE RESPONSES FOR 1-12 AND 95)**

- 1 MWCOG or Commuter Connections website
- 2 Other website, internet (specify _____)
- 3 Radio
- 4 TV
- 5 Postcard in mail
- 6 Newspaper
- 7 In train station
- 8 On train or bus
- 9 At work
- 10 Billboard, poster, road sign
- 11 Facebook / Twitter (social media)
- 12 Smart phone / tablet (text message, email, ad)
- 95 Other (specify) _____
- 98 Not sure
- 99 Left blank

INSTRUCTIONS BEFORE Q65

IF SURVTYPE = 1 (WKALL), SKIP TO INTRO TO Q81

IF SURVTYPE = 2 (SEWAH), SKIP TO INTRO TO Q81

IF SURVTYPE = 3 (TELEALL), SKIP TO INTRO TO Q81

IF SURVTYPE = 5 (HOMEOTHER), SKIP TO INTRO TO Q81

IF SURVTYPE = 9 (UNDEFINED), SKIP TO INTRO TO Q81

IF SURVTYPE = 4 (COMMUTER), CONTINUE WITH Q65

Attitude changes/actions taken after hearing ads

65 After seeing or hearing this advertising, were you more likely to consider carpooling, vanpooling, or public transportation?

- 1 Yes
- 2 No
- 98 Not sure
- 99 Left blank

Programmer note: Response list for Q66 will start with code 11. This question will be merged with Q67 in post-processing. This coding will be consistent with the 2019 SOC data.

66 After seeing or hearing this advertising, did you try or start using any of the following forms of transportation for your trip to work or increase how often you use them for your trip to work?

- 11 Carpool
- 12 Vanpool
- 13 Bus
- 14 Train (Metrorail, commuter train)
- 15 Bicycle or walking
- 98 Did not try, start, or increase use of any of these types of transportation
- 99 Left blank

67 After seeing or hearing this advertising, did you take any other actions to try to change how you get to work? Select all that apply. **(ALLOW MULTIPLE RESPONSES WITH 2-95)**

- 2 Looked for commute information on the internet
- 3 Asked friend, family member, or co-worker for commute information (referral)
- 4 Contacted a local or regional organization for commute information
- 5 Looked for a carpool or vanpool partner
- 6 Contacted a transit operator to ask about schedules or routes
- 7 Asked employer about commute services (e.g., telework, SmartTrip, SmartBenefit),
- 8 Registered for Guaranteed Ride Home (GRH) program
- 9 Started using HOV or express lane to get to work
- 95 Other action (specify _____)
- 1 Didn't take any of these actions
- 98 Not sure
- 99 Left blank

IF Q66 = ANY OF 11-15 OR Q67 = ANY OF 2-9 OR 95, ASK Q68

IF Q66 = ONLY 98 OR 99 AND Q67 = ONLY 1, 98 OR 99, SKIP TO INTRO TO Q81

68 Did the advertising you saw or heard encourage you to try to change how you get to work?

- 1 Yes
- 2 No
- 98 Not sure
- 99 Left blank

IF Q66 = ANY OF 11, 12, 13, 14, 15, CONTINUE
IF Q66 NE 11, 12, 13, 14, 15, SKIP TO INTRO TO Q81

Collect info on mode/modes used before trying/starting new alt mode
Autofill mode duration for respondents currently using alternative mode (Q15) named in Q66
IF Q66 EQ 11 AND CPDAYS > 0, AUTOFILL Q71, MODE 1 = "still using" (993)
IF Q66 EQ 12 AND VPDAYS > 0, AUTOFILL Q71, MODE 2 = "still using" (993)
IF Q66 EQ 13 AND BUDAYS > 0, AUTOFILL Q71, MODE 3 = "still using" (993)
IF Q66 EQ 14 AND (MRDAYS > 0 OR CRDAYS > 0), AUTOFILL Q71, MODE 4 = "still using" (993)
IF Q66 EQ 15 AND (BKDAYS > 0 OR WKDAYS > 0), AUTOFILL Q71, MODE 5 = "still using" (993)

IF ANY APPLICABLE Q66 MODES ARE AUTOFILLED, DO NOT ASK Q71 ABOUT OTHER Q66 MODES. SKIP TO INSTRUCTIONS BEFORE Q72b
IF NO APPLICABLE Q66 MODES ARE AUTOFILLED, ASK Q71, SHOWING ONLY NON-AUTOFILLED MODES

71 You said you changed how you get to work after seeing or hearing the advertising message. How long did you <ALT MODE FROM Q66> to work? Please enter the number of months or check one of the other options. (IF MORE THAN ONE ALT MODE NOTED IN Q66, SHOW ALL APPLICABLE MODES IN Q71)

Type of transportation	Number of months used	Tried once or a few times (991)	Still use occasionally (992)	Still using (1+ d/wk) (993)	Don't recall (998)
1 Carpool or casual carpool (slug)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Vanpool		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Bus		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Train (Metrorail or commuter rail)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 Bicycle or walk		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

IF ALL Q71 MODES = 888, 991, 992, SKIP TO Q81
IF ANY Q71 MODE = VALID NUMBER OF MONTHS, CONTINUE WITH INSTRUCTIONS BEFORE Q72b

INSTRUCTIONS BEFORE Q72b

IF Q71 IS AUTOCODED FOR ANY MODE, CHOOSE THIS/THESE ALT MODES FOR Q72b

IF Q66 = MORE THAN ONE OF 11, 12, 13, 14, 15 AND Q66 NOT AUTOCODED FOR ANY MODE, CHOOSE ALT MODE USED LONGEST TIME FOR Q72b. IF MORE THAN ONE ALT MODE USED SAME AMOUNT OF TIME, CHOOSE BOTH MODES.

IF Q71 WAS AUTOCODED, INSERT "You said you changed how you get to work after seeing or hearing the advertising message."

72b [You said you changed how you get to work after seeing or hearing the advertising message.] Before making this change to <ALT MODE FROM Q66>, about how many days per week did you use each of the following types of transportation for your trip to work in a typical week?

PROGRAMMER NOTES ON CHECK TOTAL DAYS.

(Prompt if respondent enters more than 5 TOTAL days M-F)

IF (Q72b, SUM OF RESPONSES 1-95) > 5, SHOW PROMPT "You've entered more than 5 days for Monday-Friday. If you use more than one type of transportation on a single day, indicate only the type you use for the longest distance part of your trip."

IF (Q72b, SUM OF RESPONSES 1-95) < 5, SHOW PROMPT "You've entered fewer than 5 days for Monday-Friday. Please also report days you teleworked, had a compressed work schedule day off, and had regular days off."

Type of transportation you used for the longest distance part of your trip to work	Number of Days Mon-Fri
1 Drive alone, motorcycle, taxi (incl Uber, Lyft, Split)	
5 Carpool or casual carpool (slugging)	
7 Vanpool	
9 Bus (public or private bus, shuttle)	
10 Train (Metrorail or commuter rail)	
15 Bicycle or walking	
16 Telecommute/telework	
95 Other (Specify) _____	
1 DO NOT SHOW ON SCREEN	
20 Regular day off	
TOTAL DAYS REPORTED	

AWARENESS OF COMMUTE PROGRAMS/SERVICES

INTRO TO Q81: Now please answer a few questions about commute information and assistance services that might be available to commuters in your home or work areas.

81 Is there a phone number, website, or mobile app you can use to obtain information on carpooling or vanpooling, public transportation, HOV lanes, toll/express lanes, and telecommute/telework in the Washington metropolitan region?

- 1 Yes
- 2 No (SKIP TO Q86)
- 98 Not sure (SKIP TO Q86)
- 99 Left blank (SKIP TO Q86)

- 82 Have you used this number, website, or mobile app in the past year?
- 1 Yes
 - 2 No (**SKIP TO Q86**)
 - 98 Not sure (**SKIP TO Q86**)
 - 99 Left blank (**SIP TO Q86**)
- 83 What was that number, website, or mobile app (**DON'T READ, ACCEPT MULTIPLES FOR 1-20, DO NOT ACCEPT MULTIPLES WITH 99**)

SHOW OPEN-ENDED TEXT BOX AND 98 AND 999 CHECK BOX RESPONSES

- 98 Not sure/Don't remember
999 Left blank

CODE OPEN ENDED RESPONSES IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- | | | |
|----|--|---|
| 1 | 800-745-RIDE (7433) | Commuter Connections (COG) |
| 2 | 888-730-6664 | PRTC, Potomac Rappahannock Transportation |
| 3 | 703-324-1111 | Fairfax County RideSources |
| 4 | 301-770-POOL | Montgomery County Commuter Services |
| 5 | 240-777-RIDE | Montgomery County Commuter Services |
| 6 | 202-637-7000 | WMATA, METRO (Washington Metro. Area Transit Authority) |
| 7 | www.mwcog.org | Commuter Connections (COG) |
| 8 | www.commuterconnections.org | Commuter Connections (COG) |
| 9 | www.commuterconnections.com | Commuter Connections (COG) |
| 10 | www.vre.org | Virginia Railway Express (VRE) |
| 11 | www.commuterdirect.com | Arlington County Commuter Services |
| 12 | www.commuterpage.com | Arlington County Commuter Services |
| 13 | 703-228-RIDE | Arlington County Commuter Services |
| 14 | www.maryland.com | Maryland Mass Transit Admin. (MTA) |
| a. | MARC Commuter Rail | |
| 15 | www.wmata.com | WMATA, Metro |
| 16 | www.HOVcalculator.com | VDOT |
| 17 | www.commuterchoicemaryland.com | Maryland Mass Transit Admin (MTA) |
| 18 | 866-RIDE-MTA (1-800-743-3682) | Maryland Mass Transit Admin (MTA) |
| 19 | www.metroopensdoors.org | WMATA, Metro |
| 95 | Other (SPECIFY) _____ | |
| 98 | Not sure/Don't remember | |

86 **IF (Q43 = 1 OR Q64 = 1), CODE Q86 = 1, THEN SKIP TO Q87**

Have you heard of an organization in the Washington region called Commuter Connections?

- 1 Yes
- 2 No (**SKIP TO Q88c**)
- 98 Not sure (**SKIP TO Q88c**)
- 99 Left blank (**SKIP TO Q88c**)

- 87 [IF Q86 WAS AUTOCODED = 1, START Q87 WITH: You mentioned knowing about Commuter Connections.]
How did you learn about Commuter Connections?

SHOW OPEN-ENDED TEXT BOX AND 88 CHECK BOX RESPONSE

-
- 98 Not sure
99 Left blank

CODE OPEN ENDED RESPONSES IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 TV
- 2 Magazine
- 3 Newspaper ad
- 4 Newspaper article
- 5 Sign/billboard
- 6 Mail/postcard
- 7 Brochure
- 8 Transportation fair/special event
- 9 Radio
- 10 Employer
- 11 Library
- 12 Phonebook, yellow pages
- 13 Word of mouth (family, friend, co-worker)
- 14 Internet/Web
- 15 InfoExpress kiosks
- 16 Ozone Action/Code Red days
- 17 Smart phone / tablet (text, email, ad)
- 95 Other _____
- 98 Not sure
- 99 Left blank

- 88a Have you contacted Commuter Connections in the past year or visited a website sponsored by this organization?

- 1 Yes
- 2 No
- 98 Not sure
- 99 Left blank

Define Local Program for Q88c – Q88e

88c SET ORGANIZATIONS TO ASK ABOUT IN Q88c-Q88e

IF Q2 = 1 OR Q3 = 1 (Alexandria), INSERT Alexandria LocalMotion as <PROGRAM> in Q88c – Q88e

IF Q2 = 2 OR Q3 = 3 (Arlington), INSERT Arlington County Commuter Services or The Commuter Store as <PROGRAM> in Q88c – Q88e

IF Q2 = 3 OR Q3 = 4 (Calvert), INSERT Tri-County Council for Southern Maryland as <PROGRAM> in Q88c – Q88e

IF Q2 = 4 OR Q3 = 5 (Charles), INSERT Tri-County Council for Southern Maryland as <PROGRAM> in Q88c – Q88e

IF Q2 = 6 OR Q3 = 7, 8, OR 9 (Fairfax Co, Ffx City, Falls Church), INSERT Fairfax County RideSources as <PROGRAM> in Q88c – Q88e

IF Q2 = 7 OR Q3 = 10 (Frederick), INSERT TransIT Services of Frederick County as <PROGRAM> in Q88c – Q88e

IF Q2 = 8 OR Q3 = 12 (Loudoun), INSERT Loudoun County Office of Transportation Services as <PROGRAM> in Q88c – Q88e

IF Q2 = 9 OR Q3 = 15 (Montgomery), INSERT Montgomery County Commuter Services, Bethesda Transportation Solutions, or North Bethesda Transportation Center as <PROGRAM> in Q88c – Q88e

IF Q2 = 10 OR Q3 = 16 (Prince Georges), INSERT Ride Smart as <PROGRAM> in Q88c – Q88e

IF Q2 = 11 OR Q3 = 13, 14, OR 17 (Prince William, Manassas, Manassas Park), INSERT PRTC OmniMatch as <PROGRAM> in Q88c-Q88e

IF Q2 = 5 OR Q3 = 6 (District of Columbia), INSERT goDCgo <PROGRAM> in Q88c-Q88e

- 1 Alexandria GO Alex
- 2 Arlington County Commuter Services
- 3 Tri-County Council of Southern Maryland (Calvert, Charles)
- 4 Fairfax County Commuter Services
- 5 TransIT Services of Frederick County
- 6 Loudoun County Commuter Services
- 7 Montgomery County Commuter Services
- 8 Ride Smart (Prince Georges Commuter Solutions)
- 9 PRTC OmniMatch (Prince William)
- 10 goDCgo (District of Columbia)

88d/e Have you heard of an organization or service called <PROGRAM>? If so, have you contacted <PROGRAM> in the past year or visited its website?

- 1 Alexandria GO Alex
- 2 Arlington County Commuter Services
- 3 Tri-County Council of Southern Maryland (Calvert, Charles)
- 4 Fairfax County Commuter Services
- 5 TransIT Services of Frederick County
- 6 Loudoun County Commuter Services
- 7 Montgomery County Commuter Services
- 8 Ride Smart (Prince Georges Commuter Solutions)
- 9 PRTC OmniMatch (Prince William)
- 10 goDCgo (District of Columbia)

FOR EACH APPLICABLE PROGRAM, SHOW RESPONSES

- 1 Yes, heard of and contacted
- 2 Yes, heard of and NOT contacted
- 3 Have not heard of this organization or service
- 98 Not sure
- 99 Left blank

Program Name	1 – Heard of and contacted	2 – Heard of but NOT contacted	3 - Have not heard of this organization	98 – Not sure
1 Alexandria GO Alex	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Arlington County Commuter Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Tri-County Council of Southern Maryland (Calvert, Charles)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Fairfax County Commuter Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 TransIT Services of Frederick County	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6 Loudoun County Commuter Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 Montgomery County Commuter Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8 Ride Smart (Prince Georges Commuter Solutions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9 PRTC OmniMatch (Prince William)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10 goDCgo (District of Columbia)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q88e – combined with Q88d

EMPLOYER SERVICES

INSTRUCTIONS BEFORE Q89

IF SURVYTE = 2 (SEWAH), SKIP TO Q105a

IF SURVTYPE = 9 (UNDEFINED), SKIP TO Q102

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND COMMSTAT = 4 (FTTW-SAME), SKIP TO Q105

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), ASK Q89

IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), ASK Q53a/b

89 Please indicate in the table below if your employer makes any of the following commute services or benefits available to you to help with your commute, and if so, if you have used the services.
(ROTATE 1-9)

Employer service	1 – Available and USED	2 – Available but NOT USED	3 - Not Available	98 – Not sure
2 Information on commuter transportation options	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Special parking spaces for carpools or vanpools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 SmarTrip, SmartBenefit or other benefits/subsidies for public transportation or vanpooling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Cash payments or other subsidies for carpooling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 Facilities or programs for employees who bike or walk to work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6 Guaranteed rides home (GRH) in case of emergencies or unscheduled overtime	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 Carshare membership (Zipcar, Turo, Free2move, getaround)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8 Bikeshare membership (Capital Bikeshare)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9 Work schedule with flexible start and end times	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

IF Q89, SERVICE 3 (transit/vanpool subsidy) = 1 OR 2, ASK Q89b

89b Which of the following best describes the transit or vanpool benefit that is available to you?

- 1 Employer-paid direct cash payment
- 2 Pre-tax deduction for employee-paid transit or vanpool costs
- 95 Another arrangement (please describe) _____
- 98 Not sure
- 99 Left blank

90 Does your employer make free on-site parking available to all employees at your worksite?

- 1 Yes **(SKIP TO Q90b)**
- 2 No
- 98 Not sure

90a Does your employer make free on-site parking available to YOU?

- 1 Yes
- 2 No (**SKIP TO Q91**)
- 98 Not sure (**SKIP TO Q102**)
- 99 Left blank (**SKIP TO Q102**)

90b Was on-site parking free before the pandemic?

- 1 Yes
- 2 No
- 98 Not sure
- 99 Left blank (**SKIP TO Q102**)

90c Have you used this free parking?

- 1 Yes
- 2 No
- 98 Not sure

SKIP TO Q102

91 Does your employer pay part of your parking cost or do you have to pay the entire cost if you drive to work?

- 1 Employer pays part/employee pays part
- 2 Employee pays all
- 3 Free offsite parking
- 98 Not sure
- 99 Left blank

92 Does your employer offer parking discounts for carpools or vanpools?

- 1 Yes
- 2 No (**SKIP TO Q102**)
- 98 Not sure (**SKIP TO Q102**)
- 99 Left blank (**SKIP TO Q102**)

GUARANTEED RIDE HOME

102 Do you know if there is a regional GRH or Guaranteed Ride Home program available in the event of unexpected emergencies and unscheduled overtime for commuters who carpool, vanpool, use public transportation, or bicycle to work?

- 1 Yes, there is
- 2 No, there isn't (**SKIP TO Q105a**)
- 98 Not sure (**SKIP TO Q105a**)
- 99 Left blank (**SKIP TO Q105a**)

104 Who sponsors or offers the service?

SHOW OPEN-ENDED TEXT BOX AND 98 CHECK BOX RESPONSE

- _____
- 98 Not sure
 - 99 Left blank

CODE OPEN ENDED RESPONSES IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 Commuter Connections/Council of Governments/COG
- 2 Employer
- 3 VRE
- 4 TMA (TyTran)
- 95 Other _____
- 98 Not sure

SOCIAL MEDIA, TRAVEL APPS, AND DRIVERLESS CARS

105a Which of the following types of travel or trip information services or mobile applications have you used? Select all that apply.

- 1 Traffic alerts (e.g., radio, TV, text)
- 2 Ridehailing apps (ex., Uber, Lyft, Via)
- 3 Wayfinding apps (ex., Waze, Google maps)
- 4 Trip/fitness tracking apps (ex., Strava, Map My Ride)
- 5 Transit schedule, bus/train arrival mobile apps (ex. Next Bus, Next Train)
- 6 Traveler information displays (e.g. screen at workplaces and public locations)
- 7 Bikeshare/ dockless bike service apps (e.g., Capital Bikeshare, Jump)
- 8 E-scooter service apps (e.g., Bird, Skip, Lime, Spin)
- 9 Carshare service apps (e.g., car2go, Turo, Free2move, getaround)
- 95 Other (Please specify) _____
- 77 None of these, I don't use those types of services or applications
- 99 Left blank

106 You might have heard of self-driving cars, also known as driverless cars or automated vehicles. These are cars that can sense their surroundings and drive themselves. How familiar are you with the concept of these vehicles?

- 1 Not at all, I haven't heard of them
- 2 Somewhat familiar, I have read or heard of them, but do not know much about them
- 3 Very familiar, I have read or heard a lot about them
- 98 Not sure
- 99 Left blank

106b What concerns, if any, do you have about driverless cars?

SHOW OPEN-ENDED TEXT BOX AND 88 CHECK BOX RESPONSE

- 98 Not sure
- 99 Left blank

CODE OPEN ENDED RESPONSES IN POST-PROCESSING INTO THE FOLLOWING CATEGORIES; ADD OTHERS AS NECESSARY

- 1 No concerns
- 2 Driving safety
- 3 Pedestrian safety
- 4 Security/privacy concerns
- 5 Legal/regulations
- 6 Liability for accidents
- 7 Cost/vehicles too expensive
- 98 Not sure
- 99 Left blank

106c How interested would you be in using a driverless car in the following situations or conditions? Please use a scale from 1 (not at all interested) to 5 (very interested).

	1 – Not at all interested	2 – 2	3 - 3	4 -4	5 – Very interested	98 – Not sure
1 Buy a driverless car for personal use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Ride in a driverless taxi/Uber/Via vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Ride in a driverless bus/shuttle vehicle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Ride in a driverless carpool/vanpool	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

DEMOGRAPHICS

INTRO TO DEMOGRAPHICS: The last few questions are for classification purposes only.

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), SKIP TO Q110a

IF SURVTYPE = 2 (SEWAH), AUTOCODE Q110 = Q1a, THEN SKIP TO Q111

IF ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 4 (TW-SAME)), AUTOCODE Q110 = Q1a, THEN SKIP TO Q111

IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), ASK Q110, THEN SSKIP TO Q11b

110 What is your zip code at work? _____

110a You said you are working from home full-time now. What is the zip code at the location where you would work if you were not working from home ? _____

110b About how many employees work at that location?

- 1 1 – 25
- 2 26-50
- 3 51-100
- 4 101-250
- 5 251-999
- 6 1,000 or more
- 98 Not sure
- 99 Left blank

111 What is your occupation? _____

IF SURVTYPE = 2 (SEWAH), AUTOCODE Q112 = 4, THEN SKIP TO Q113

112 What type of employer do you work for?

- 1 Federal agency
- 2 State, or local government agency
- 3 Non-profit organization/association
- 4 Private sector employer
- 5 NA – DO NOT SHOW ON SCREEN
- 95 Other (SPECIFY) _____
- 98 Not sure
- 99 Left blank

113 In total, how many motor vehicles, in working condition, including automobiles, trucks, vans, and highway motorcycles are owned or leased by members of your household, or provided by a company for your use?

_____ vehicles

- 98 Not sure
- 99 Left blank

IF Q113 = 0, SKIP TO Q114

113a In the past year, did your household buy, lease, or acquire any motor vehicles?

- 1 Yes, but it replaced an existing vehicle
- 2 Yes, acquired another vehicle, in addition to vehicles owned/leased previously
- 3 No, did not acquire any additional vehicles
- 98 Not sure
- 99 Left blank

114 How many persons live in your home at the present time? Please count yourself, family and friends, and anyone who may be unrelated to you such as live-in housekeepers or boarders.

_____ persons

- 98 Not sure
- 99 Left blank

IF Q114 = 98 OR 99, SKIP TO Q121

IF Q114 = 1, AUTOCODE Q114a = 1, THEN SKIP TO Q121

IF Q114 > 1, ASK Q114a

- 114a And, including yourself, how many of these household members are 18 or older?
_____ household members
998 Not sure
999 Left blank
- 121 Which of the following groups includes your age?
1 Under 18
2 18 - 24
3 25 - 34
4 35 - 44
5 45 - 54
6 55 - 64
7 65 or older
98 Prefer not to answer
99 Left blank
- 122 Do you consider yourself Latino/a/x, Hispanic, or Spanish?
1 Yes
2 No
98 Prefer not to answer
99 Left blank
- 123 Which one of the following best describes your race? You may select more than one category. **(ACCEPT MULTIPLES FOR 1 – 95)**
1 White
2 Black or African-American
3 American Indian or Alaska Native
4 Asian
5 Native Hawaiian or Other Pacific Islander
95 Other (SPECIFY) _____
98 Prefer not to answer
99 Left blank
- 123a Are you ...?
1 Female
2 Male
3 Non-binary
98 Prefer not to answer
99 Left blank
- 124 Last, is your household's total annual income ...?
1 Less than \$100,000 **(ASK Q124a)**
2 \$100,000 or more **(SKIP TO Q124b)**
98 Prefer not to answer **(SKIP TO Q126)**
99 Left blank **(SKIP TO Q126)**

124a Which category best represents your household's total annual income?

- 1 less than \$20,000
- 3 \$20,000 - \$29,999
- 4 \$30,000 - \$39,999
- 5 \$40,000 - \$59,999
- 6 \$60,000 - \$79,999
- 7 \$80,000 - \$99,999
- 98 Prefer not to answer
- 99 Left blank

SKIP TO Q126

124b Which category best represents your household's total annual income?

- 1 \$100,000 - \$119,999
- 2 \$120,000 - \$139,999
- 3 \$140,000 - \$159,999
- 4 \$160,000 - \$179,999
- 5 \$180,000 - \$199,999
- 6 \$200,000 to \$249,000
- 7 \$250,000 or more
- 98 Prefer not to answer
- 99 Left blank

Thank you very much for your time and cooperation!

Q126

The Metropolitan Washington Council of Governments is offering a drawing for fifty \$250 Amazon gift cards for residents who respond to the survey. If you would like to participate in the drawing, please provide your name and email address, so we can send you the card if you are one of the winners. Please be assured that we will not sell or use your information for anything other than sending you the gift card.

Yes, please include my name in the drawing

No, I do not want to participate in the drawing

Thank you for taking the time to complete this survey.