

**Commuter Connections State of the Commute Survey – FY22**

DRAFT – 10-4-21

**(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” to begin the survey. 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 in more than one location, please select the location where you work the most. **(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 your regular work place.

- 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, 99 AND Q7 = 98, 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) OR 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), SKIP TO Q12a**

- 12 How often do you usually work from home/telecommute/work remotely 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 work from home/telecommute before the coronavirus pandemic started?

- 1 Never, I did not work from home/ telecommute 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 telecommuting 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

14a Thinking about a day when traffic in the region is likely to be disrupted due to a snowstorm or major special event, how likely are you to telecommute to avoid the traffic?

- 1 Very likely
- 2 Somewhat likely
- 3 Not likely
- 98 Not sure
- 99 Left blank

**SKIP TO INSTRUCTIONS BEFORE Q14m**

QUESTIONS FOR NON-TELEWORKERS

14d Does your employer have a formal telecommuting 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 telecommuting 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 or more days
  - 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 how you 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 telework/work from home all day on an assigned workday, check telework.
- 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 = 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 telework 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. If you typically telework 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	<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"/>
16 Telecommute (work all day at home )	<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"/>
17 Compressed schedule <b>day off</b>	<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 (all drive alone, all carpool, all bus, all commuter rail, all train, all public transit)**

DADAYS = SUM OF (PVDAYS + TXDAYS + ULDAYS + MCDAYS) – MODES 1, 2, 3, 4  
CPDAYS = SUM OF (RCPDAYS + CCPDAYS) – MODES 5, 6  
BUDAYS = SUM OF (BPDAYS + RBDAYS) – MODES 8, 9  
CRDAYS = SUM OF (MDDAYS + VRDAYS + AMDAYS) – MODES 11, 12, 13  
TRDAYS = SUM OF (MRDAYS + MDDAYS + VRDAYS + AMDAYS)  
PTDAYS = 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) OR 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 (RCDAYS = 0 AND CCDAYS = 0 AND VPDAYS = 0) (NO DAYS OF CP, CCP, 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 (HOMEOETHER) AND Q12a = 7, DO NOT SHOW Q15e. AUTOCODE Q15e = 1, THEN  
SKIP TO DEFINE COMMUTE STATUS**

**IF (SURVTYPE = 3 (TELEALL) OR 5 (HOMEOETHER) 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, OR 5)**

- 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. **(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		
7	Bicycle/scooter/e-scooter		
8	Walk		
9	Telecommute (work all day from home )		
95	Other (Specify) _____		

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

15m How many miles is it one-way from your home to the location where you worked before the pandemic?  
**(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 And 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 OTHER, Q15 = 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		<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"/>
16 NA – DO NOT SHOW ON SCREEN		<input type="radio"/>
95 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**

**IF RECENT MODE IS 5 (CARPOOL) OR 6 (CASUAL CARPOOL), ENTER "carpool" IN Q20  
IF RECENT MODE IS 8 (BUSPOOL) OR 9 (BUS), ENTER "ride a bus" IN Q20**

19a Before you started [RECENT MODE: ~~riding Metrorail, riding a bus, bicycling or riding a scooter, walking, carpooling, vanpooling, riding commuter rail, driving alone, riding a motorcycle, riding in a taxi, riding Uber, Lyft, or Via~~] to work, what type or types of transportation did you use to get to work? Select all that apply. If you were not working then or if you worked in a different region then, check "did not work then" (ALLOW MULTIPLE MODES 1 – 15, 19, 22, AND 95. DO NOT ACCEPT MULTIPLES FOR 21)

Type of transportation	Used Before
<del>21 Did not work then, worked outside Washington region then</del>	<del>⊖</del>
<del>3 Drive alone in a car, truck, SUV, or van</del>	<del>⊖</del>
<del>19 Taxi</del>	<del>⊖</del>
<del>22 Uber, Lyft, or Via</del>	<del>⊖</del>
<del>4 Motorcycle</del>	<del>⊖</del>
<del>5 Carpool (including carpool w/family member, dropped off, casual carpool/slug)</del>	<del>⊖</del>
<del>6 NA — DO NOT SHOW ON SCREEN</del>	<del>⊖</del>
<del>7 Vanpool</del>	<del>⊖</del>
<del>8 NA — DO NOT SHOW ON SCREEN</del>	<del>⊖</del>
<del>9 Bus (public or private bus, shuttle, commuter bus)</del>	<del>⊖</del>
<del>10 Metrorail</del>	<del>⊖</del>
<del>11 MARC (MD Commuter Rail)</del>	<del>⊖</del>
<del>12 VRE</del>	<del>⊖</del>
<del>13 Amtrak/other train</del>	<del>⊖</del>
<del>14 Bicycle/scooter/e-scooter (including bikeshare, dockless bike)</del>	<del>⊖</del>
<del>15 Walk</del>	<del>⊖</del>
<del>2 Telework</del>	<del>⊖</del>
<del>95 Other _____</del>	<del>⊖</del>
<del>1 NA — DO NOT SHOW ON SCREEN</del>	<del>⊖</del>
<del>16 NA — DO NOT SHOW ON SCREEN</del>	<del>⊖</del>
<del>17 NA — DO NOT SHOW ON SCREEN</del>	<del>⊖</del>
<del>18 NA — DO NOT SHOW ON SCREEN</del>	<del>⊖</del>



- 20 You began **<RECENT MODE Q15** riding Metrorail, riding a bus, bicycling or riding a 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 24 MONTHS, ASK Q21**

**IF RECENT MODE DURATION IS 24 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 or working from home.

34 How long have you been telecommuting/working from home? 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 36 MONTHS OR LESS, ASK Q35**

**IF Q34 RESPONSE IS > 36 MONTHS, 998, OR 999, SKIP TO INSTRUCTIONS BEFORE Q36**

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

- 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 SURVTYPE = 5 (HOMEOTHER), AUTOCODE Q36 = 1, THEN SKIP TO Q42**

36 Where do you work when you telecommute? 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 information about telecommuting/working from home 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
- 10 Social media source (Twitter, Facebook, Instagram, tictok, other)
- 11 Business or trade/industry organization
- 95 Other (**SPECIFY**) \_\_\_\_\_
- 96 Did not use any of these sources
- 98 Not sure
- 99 left blank

43 Did you receive any information about telecommuting/working from home from Commuter Connections or from the Metropolitan Washington Council of Governments?

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

44 How often would you want to telecommute/work from home when the pandemic is over and you are able to return to work at your usual workplace?

- 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 VPDYS = 0 AND BUDAYS = 0 MRDAYS = 0 AND CRDAYS = 0, SKIP TO Q53a/b**

46 Is there a special HOV (High Occupancy Vehicle) lane or express lane along your route to work?

- 1 HOV lane only
- 2 Express lane only
- 3 Both HOV lane and express lane
- 4 No, HOV/express not available (**SKIP TO Q52**)
- 98 Not sure (**SKIP TO Q52**)
- 99 Left blank (**SKIP TO Q52**)

**IF Q46 = 2, SKIP TO Q47a**

**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 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 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 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 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 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 Q61**  
**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 Q56**

- 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 Q60**

**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 Q56**

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 Q56**

Programmer note: If respondent reported any current carpool/vanpool in Q15 (CPDAYS > 0 OR VPDAYS > 0) or in Q29, do not ask Q53c - Q54

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

56 You said that you do not use a carpool or vanpool for your trip to work. Why don't you carpool or vanpool?  
\_\_\_\_\_

**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

56a1 ~~Now think about the benefits of traveling by carpool, vanpool, bus, or train, bicycle or walking. What impact or benefit does a community or region receive when people use these types of transportation?~~  
\_\_\_\_\_  
\_\_\_\_\_

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

**TRANSPORTATION 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

60 Have you changed either your work or home location in the last year?

- 1 Yes, changed home location
- 2 Yes, changed work location
- 3 Yes, changed both home and work locations
- 4 No, did not change either home or work location (**SKIP TO Q61**)
- 98 Not sure (**SKIP TO Q61**)
- 99 Left blank (**SKIP TO Q61**)

60a Where was your previous 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 ((SURVTYPE = 3 (TELEALL) OR 5 (HOMEOTHER)) AND (COMMSTAT = 1 (NONTW-SAME), 2 (FTTW-DIFFERENT), OR 3 (NONTW-DIFFERENT)), SKIP TO Q60e**

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

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

60c How important to your decision was the length or ease of your trip 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

Note: Q60e and Q60f are parallel questions. Q60e will be asked if SURVTYPE = 3 or 5 and COMMSTAT = 1, 2, or 3. Q60f will be asked if SURVTYPE = 4 or 9.

60e Did the change shorten either the distance or time from your home to where you worked before the pandemic began?

- 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

**SKIP TO Q60g**

60f Did the change shorten either the distance or time from your home to work?

- 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 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 Diet
- 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 And 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 (work all day at home )	
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 or website you can use to obtain information on carpooling or vanpooling, public transportation, HOV lanes, express lanes, and telecommuting 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 or website 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 or website (**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  | <a href="http://www.mwcog.org">www.mwcog.org</a>                                   | Commuter Connections (COG)                              |
| 8  | <a href="http://www.commuterconnections.org">www.commuterconnections.org</a>       | Commuter Connections (COG)                              |
| 9  | <a href="http://www.commuterconnections.com">www.commuterconnections.com</a>       | Commuter Connections (COG)                              |
| 10 | <a href="http://www.vre.org">www.vre.org</a>                                       | Virginia Railway Express (VRE)                          |
| 11 | <a href="http://www.commuterdirect.com">www.commuterdirect.com</a>                 | Arlington County Commuter Services                      |
| 12 | <a href="http://www.commuterpage.com">www.commuterpage.com</a>                     | Arlington County Commuter Services                      |
| 13 | 703-228-RIDE   | Arlington County Commuter Services                      |
| 14 | <a href="http://www.maryland.com">www.maryland.com</a>                             | Maryland Mass Transit Admin. (MTA)                      |
| a. | MARC Commuter Rail   |   |
| 15 | <a href="http://www.wmata.com">www.wmata.com</a>                                   | WMATA, Metro  |
| 16 | <a href="http://www.HOVcalculator.com">www.HOVcalculator.com</a>                   | VDOT  |
| 17 | <a href="http://www.commuterchoicemaryland.com">www.commuterchoicemaryland.com</a> | Maryland Mass Transit Admin (MTA)                       |
| 18 | 866-RIDE-MTA (1-800-743-3682)  | Maryland Mass Transit Admin (MTA)                       |
| 19 | <a href="http://www.metroopensdoors.org">www.metroopensdoors.org</a>               | 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 or The Commuter Store
- 3 Tri-County Council of Southern Maryland (Calvert, Charles)
- 4 Fairfax County Transportation Services Group
- 5 TransIT Services of Frederick County
- 6 Loudoun County Commuter Services
- 7 Montgomery County Commuter Services, Bethesda Transportation Solutions, or North Bethesda Transportation Center
- 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 or The Commuter Store
- 3 Tri-County Council of Southern Maryland (Calvert, Charles)
- 4 Fairfax County Transportation Services Group
- 5 TransIT Services of Frederick County
- 6 Loudoun County Commuter Services
- 7 Montgomery County Commuter Services, Bethesda Transportation Solutions, or North Bethesda Transportation Center
- 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 or The Commuter Store	<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 Transportation Services Group	<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, Bethesda Transportation Solutions, or North Bethesda Transportation Center	<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 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, Car2Go)	<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**

~~105 With which of the following social networking applications do you currently have an account? Select all that apply.~~

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., Zipcar, car2go)
- 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 autonomous cars. 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

~~106a How might the availability of driverless cars benefit you or others in the Washington metro region?~~

**SHOW OPEN-ENDED TEXT BOX AND 98 CHECK BOX RESPONSE**

- \_\_\_\_\_  
\_\_\_\_\_  
98 Not sure

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 = 2 (SEWAH), 3 (TELEALL), OR 5 (HOMEOTHER), AUTOCODE Q110 = Q1a, THEN SKIP TO Q111  
IF SURVTYPE = 4 (COMMUTER) OR 9 (UNDEFINED), ASK Q110**

110 What is your zip code at work? \_\_\_\_\_

110a About how many employees work at your worksite?

- 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?
- \_\_\_\_\_ vehicles
- 98 Not sure
  - 99 Left blank

- 114 How many persons live in your home? 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, 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!

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**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.**