



Survey of Northeast Regional and Intercity Household Travel Attitudes and Behavior

Screener

INTRO. Hello. My name is _____ from Abt SRBI, calling on behalf of the U.S. Department of Transportation. We are conducting an important survey that will help plan transportation in your area. This survey is completely voluntary and any answers you give are kept strictly private to the extent permitted by law. This survey should take approximately 18 minutes of your time. We will send you a \$10 incentive as a token of appreciation for your participation after the completion of the survey.

[IF REQUESTED BY RESPONDENT, Privacy Statement and Paperwork Reduction Act Burden Statement:

Privacy Statement:

Your name may be requested for interview scheduling or mailing your token of appreciation. When analysis of the questionnaire is completed, all name and address files will be destroyed. Thus permanent data will be anonymous. The U.S. Department of Transportation privacy information can be found at <http://www.dot.gov/privacy>]

Paperwork Reduction Act Burden Statement

The US Department of Transportation, Federal Railroad Administration is conducting this survey to collect data on travel patterns along the Northeast Corridor. This information will be used to estimate a forecasting model of travel mode choice in the Northeast Corridor. The information obtained will be used to provide guidance to future service planning. 49 USC 103 (j)(5) (6) authorizes collection of this information. A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2130-0600. Public reporting for this collection of information is estimated to be approximately 18 minutes per response. All responses to this collection of information are voluntary. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Railroad Administration, 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

ASK C1 IF CELL SAMPLE, THEN SKIP TO S1b. IF LANDLINE, SKIP TO S1.

C1 Are you currently driving, or someplace else where it is NOT safe to talk?

- | | |
|---------------------|--------------------------------------------------------|
| 1 Yes/Call Me Later | Ask for Name and Schedule Callback |
| 2 No | Skip to S.1b & ask for age 18+ verification |
| 3 Refused | Thank and Terminate |

S1 So that we interview a random cross-section of the population, may I please ask how many persons 18 or older live in your household?

(1-10, 10 = "10 or more")

- | | |
|------------------------------|----------------------------|
| 98 No one in household 18-74 | Thank and Terminate |
| 99 Refused | Thank and Terminate |

ASK S1A IF S1>1. OTHERWISE, SKIP TO S1B.

S1A May I please speak to the member of this household age 18 or older who has had the most recent birthday?

- | | |
|-----------------------------|-------------------------------------------|
| 1 Speaking with respondent | Skip to S1C |
| 2 Respondent comes to phone | Skip to S1B |
| 3 Not Available | Ask for Name and Schedule Callback |
| 6 Refused | Thank and Terminate |

Speaking With Respondent:

S1B Hello. My name is _____ from Abt SRBI, calling on behalf of the U.S. Department of Transportation. We are conducting an important survey that will help plan transportation in your area. This survey is completely voluntary and any answers you give are kept strictly private to the extent permitted by law. This survey should take approximately 18 minutes of your time. We will send you \$10 as a thank-you for your participation after the completion of the survey. [If coming from C.1 or if S1=1, skip to here and ask:] Are you 18 years of age or older?

[IF REQUESTED BY RESPONDENT, Privacy Statement and Paperwork Reduction Act Burden Statement], provide info from first page:

- | | |
|-----------|----------------------------|
| 1 Yes | Continue |
| 2 No | Thank and Terminate |
| 3 Refused | Thank and Terminate |

ASK S1C FOR ALL SAMPLE (LANDLINE OR CELL).

S1C First, I'd like to confirm your home state. Do you live in **(Read name of state from sample.)?**

- | | |
|-----------|----------------------------------------|
| 1 Yes | Skip to Instructions before S1E |
| 2 No | Continue to S1D |
| 3 Refused | Go to End Interview Routine |

S1D Then what state do you live in?

PROGRAMMER: DO NOT INCLUDE STATE ASKED IN S1C IN ANSWER LIST

1. Connecticut
2. Delaware
3. Maryland
4. Massachusetts
5. New Hampshire
6. New Jersey
7. New York
8. Pennsylvania
9. Rhode island
10. Virginia
11. Washington DC/District of Columbia
12. All other States, specify -> **Go to End Interview Routine**
99. Refused -> **Go to End Interview Routine**

IF S1C OR S1D = 11 (WASHINGTON, DC), SKIP S1E AND GO DIRECTLY TO S2A.

S1E. And what city or town in (State from S1C/S1D) do you live in?

PROGRAMMER: SHOW LIST OF CITIES IN (STATE FROM S1C/S1D). PROVIDE "CITY/TOWN NOT FOUND" AND "DON'T KNOW/REFUSED" AS RESPONSES FOR EACH STATE LIST.

Interviewer: Confirm spelling of city with respondent. As you type, a list of cities matching what you typed so far will be presented. The list will become more focused and fewer cities will be presented as you type in more letters of the city. Choose appropriate response.

PROGRAMMER: CONSULT LIST OF QUALIFYING CITIES FOR EACH STATE. IF CITY MENTIONED IS A QUALIFYING CITY, CONTINUE WITH S2A. OTHERWISE THANK AND TERMINATE.

SET [HOME CITY] = (Home City from S1E/Washington, DC from S1C/S1D)

The following questions ask whether the respondent's usual commute to work trip qualifies as an interregional trip and would therefore be relevant for our model. If the respondent has an interregional commute, that commute trip will be the reference trip for the SP choice exercises. We will collect data on commuter trips by all modes to this location and then randomly select a mode to use as the reference trip.

S2A. Now I'd like you to think about trips for the purpose of daily commuting. Did you commute in the **past 12 months** to a state outside of (Home State from S1C/S1D)?

- | | |
|----------------------|--------------------|
| 1 Yes | Continue |
| 2 No | Skip to S3A |
| 3 Don't know/Refused | Skip to S3A |

S2B To which state did you commute to in the **past 12 months**? (Do Not Read List)

PROGRAMMER: DO NOT INCLUDE RESPONDENT'S HOME STATE FROM S1C/S1D

1. Connecticut
2. Delaware
3. Maryland
4. Massachusetts
5. New Hampshire
6. New Jersey
7. New York
8. Pennsylvania
9. Rhode island
10. Virginia
11. Washington DC/District of Columbia
12. All other state mentions, specify -> **Go to S3A**
99. Refused -> **Go to S3A**

IF S2B = 11 (WASHINGTON, DC), SKIP S2C AND GO DIRECTLY TO S2D.

S2C. What city or town did you commute to in (State from S2B)?

PROGRAMMER: SHOW LIST OF CITIES IN (STATE FROM S2B). PROVIDE "CITY/TOWN NOT FOUND" AND "DON'T KNOW/REFUSED" AS RESPONSES FOR EACH STATE LIST.

Interviewer: Confirm spelling of city with respondent. As you type, a list of cities matching what you typed so far will be presented. The list will become more focused and fewer cities will be presented as you type in more letters of the city. Choose appropriate response.

PROGRAMMER: CONSULT LIST OF QUALIFYING CITIES FOR EACH STATE, AND CHECK THAT ORIGIN AND DESTINATION CITY PAIR MEETS LONG DISTANCE TRAVEL CRITERIA. IF CITY MENTIONED MEETS BOTH QUALIFICATIONS, CONTINUE WITH S2D. OTHERWISE SKIP TO S3A.

SET [Commute City] = (Commute City from S2C/Washington, DC from S2B)

S2D. How many days in a typical week you commute to (Commute City from S2C/Washington, DC from S2B)? (1-7, 8=Don't Know, 9=Refused)

PROGRAMMER: IF RESPONDENT HAS INDICATED AT LEAST ONE COMMUTE TRIP TO AREA IN S2D (1-7), ASK S2E. OTHERWISE, SKIP TO S3A.

S2E. Of the (Number from S2D) times in a typical week you commuted, how many times did you travel by **(ROTATE AND READ MODES)**? (0-7; 9=DK/Ref) **(RECONCILE RESPONSES TO NUMBER FROM S.2D)**

S2E			
# By Mode of Transportation			
1. Passenger Car/Truck/Van	2. Plane	3. Train	4. Bus

PROGRAMMER: IF RESPONDENT ANSWERED S2E, SKIP ALL QUESTIONS IN S3 SERIES AND GO DIRECTLY TO MAIN QUESTIONNAIRE.

The following questions will determine if the respondent took any qualifying interregional non-commute trip. The list of states comprising the region of interest for this study will be randomized so as to not bias the respondent into thinking about the most recent trip or the most frequently visited place. The first such trip that is identified will be used as the location of the reference trip. We will collect data on trips by all modes and purposes to this location and then randomly select a mode-purpose combination to use as the reference trip. In addition to providing this basis of the reference trip, the data on number of trips by mode and purpose will also provide information on overall shares by mode and purpose within markets, supplementing other available aggregate data.

S3A. Now I'm going to ask you about trips which you may have taken in the **past 12 months** to states beyond the state you live in for **any reason other than daily commuting**. This may include business trips or leisure which include vacation trips, or family occasions or other non-business reasons. Have you taken any business or leisure trips in the past 12 months?

1. Yes **CONTINUE**
2. No **SKIP TO TEXT BEFORE D-1** I'm going to read a list of states. As I read each one, please tell me if you have taken **any non-commute** trips from your home to that state in the **past 12 months**.

Have you traveled to (State) in the past 12 months for reasons other than daily commuting? Have you traveled to (Next state)?

PROGRAMMER: RANDOMIZE ORDER OF STATES PRESENTED. DO NOT INCLUDE RESPONDENT'S HOME STATE FROM S1C/S1D.

IF "NO" OR "DK/REF" TO ANY STATE, KEEP ASKING THE NEXT RANDOMIZED STATE. IF NO OTHER STATES LEFT TO ASK ABOUT, SKIP TO TEXT BEFORE D-1.

IF "YES" TO A STATE IN S3A, ASK S3B FOR THAT STATE. HOWEVER, IF S3A = 11 (WASHINGTON, DC), NO NEED TO ASK S3B. JUST CHECK THAT ORIGIN AND DESTINATION CITY PAIR MEETS LONG DISTANCE TRAVEL CRITERIA. IF YES, SKIP TO INSTRUCTIONS BEFORE S3D. IF NO, ASK THE NEXT RANDOMIZED STATE IN LIST. IF NOT OTHER STATES LEFT TO ASK ABOUT, SKIP TO TEXT BEFORE D-1.

	<u>S3A</u>		
	1. Yes	2. No	<u>DO NOT READ</u> 9. Don't know/ Refused
1. Connecticut			
2. Delaware			
3. Maryland			
4. Massachusetts			
5. New Hampshire			
6. New Jersey			
7. New York State			
8. Pennsylvania			
9. Rhode Island			
10. Virginia			
11. Washington DC			

S3B. What city or town did you travel to in (State from S3A)?

Interviewer: if more than one city/town, say: Please tell me the city or town for which you made the most trips to in the past 12 months.

PROGRAMMER: SHOW LIST OF CITIES IN (STATE FROM S3A). PROVIDE "CITY/TOWN NOT FOUND" AND "DON'T KNOW/REFUSED" AS RESPONSES FOR EACH STATE LIST.

Interviewer: Confirm spelling of city with respondent. As you type, a list of cities matching what you typed so far will be presented. The list will become more focused and fewer cities will be presented as you type in more letters of the city. Choose appropriate response.

PROGRAMMER: CONSULT LIST OF QUALIFYING CITIES FOR EACH STATE, AND CHECK THAT ORIGIN AND DESTINATION CITY PAIR MEETS LONG DISTANCE

TRAVEL CRITERIA. IF CITY MENTIONED MEETS BOTH QUALIFICATIONS, SKIP TO INSTRUCTIONS BEFORE S3D.

IF CITY DOES NOT MEET BOTH QUALIFICATIONS, ASK:

S3C1. Have you been to any other cities or towns in (State from S3A just asked) in the past 12 months, for reasons other than daily commuting? Please think of any cities or towns in (State from S3A just asked) that are at least 25 miles away from the one you just told me about.

- 1 Yes
- 2 No, none, at least 25 miles away

**CONTINUE WITH S3C2.
RETURN TO S3A AND ASK ABOUT NEXT RANDOMIZED STATE IN LIST. IF NO OTHER STATES LEFT TO ASK ABOUT, SKIP TO TEXT BEFORE D-1.**

- 2 Don't know/Refused

RETURN TO S3A AND ASK ABOUT NEXT RANDOMIZED STATE IN LIST. IF NO OTHER STATES LEFT TO ASK ABOUT, SKIP TO TEXT BEFORE D-1.

S3C2. What other city or town did you travel to in (State from S3A just asked)?
PROGRAMMER: SHOW LIST OF CITIES IN (STATE FROM S3A). PROVIDE "CITY/TOWN NOT FOUND" AND "DON'T KNOW/REFUSED" AS RESPONSES FOR EACH STATE LIST.

Interviewer: Confirm spelling of city with respondent. As you type, a list of cities matching what you typed so far will be presented. The list will become more focused and fewer cities will be presented as you type in more letters of the city. Choose appropriate response.

PROGRAMMER: CONSULT LIST OF QUALIFYING CITIES FOR EACH STATE, AND CHECK THAT ORIGIN AND DESTINATION CITY PAIR MEETS LONG DISTANCE TRAVEL CRITERIA.

IF CITY MENTIONED MEETS BOTH QUALIFICATIONS, CONTINUE TO S3D. IF CITY DOES NOT MEET BOTH QUALIFICATIONS, THEN ASK ABOUT NEXT RANDOMIZED STATE IN LIST. IF NO OTHER STATES LEFT TO ASK ABOUT, SKIP TO TEXT BEFORE D-1.

SET [NON-COMMUTE CITY] = (Non-Commute City from S3B/S3C2/Washington, DC from S3A)

S3D. How many trips did you make from your home to ([Non-Commute City] in the past 12 months? (IF NECESSARY: Your best estimate is fine.) (0-999; 998=998 or more; 999=DK/Ref) **IF DK/REF, SKIP TO TEXT BEFORE D-1.**

S3E. Of these ([Total Trips] from S3D) trips, how many were for (ROTATE BUSINESS, AND LEISURE or NON-BUSINESS): <Business>|<Leisure or Non-Business>)?

(RECONCILE RESPONSES TO TOTAL TRIPS FROM S3D) (IF NECESSARY: Your best estimate is fine.) (0-999; 998=998 or more; 999=DK/Ref) (MUST HAVE AT LEAST ONE RESPONSE IN S3E SERIES THAT IS 1-998 TRIPS)

S3F. Now, I'd like to get more information on the modes of travel you used between **[Home City]** and **[Non-Commute City]**. For the **(ROTATE AND READ TOTALS FROM S3E IF 1-998)** trips you made for **(ROTATE AND READ IN PURPOSE: <Business> | <Leisure or Non-Business>)**, how many were by **(ROTATE AND READ MODES)**? If you used different modes for the departing and return trips, please count them as half trips. **(IF NECESSARY: Your best estimate is fine.)**
 Please remember that I'm focusing on trips between **[Home City]** and **[Non-Commute City]**, excluding daily commuting **(REPEAT FOR EACH MODE) (REPEAT ENTIRE PROCESS FOR EACH PURPOSE ≥1 IN S3E; IF S3E=0/DK/ REF, THEN SKIP THAT PURPOSE) (0-999; 998=998 or more; 999=DK/Ref) (RECONCILE RESPONSES TO TOTAL FOR EACH PURPOSE) (MUST HAVE AT LEAST ONE RESPONSE OF 1-998 TRIPS IN S3F SERIES FOR EACH PURPOSE ASKED)**

	S3E	S3F # By Mode of Transportation			
	TOTAL	1. Passenger Car/Truck/Van	2. Plane	3. Train	4. Bus
A. Business					
B. Leisure or Non-Business					

PROGRAMMER:

SET [TRIP CITY] = [COMMUTE CITY]/[NON-COMMUTE CITY] (NOTE THAT BASED ON QUESTIONNAIRE, THERE CAN ONLY BE ONE OF EITHER COMMUTE CITY OR NON-COMMUTE CITY BUT NOT BOTH)

SELECT A MODE AND TRIP PURPOSE COMBINATION.

IF S2E=1-7 FOR ANY OF THE 4 MODES (GAVE AT LEAST ONE COMMUTING MODE), SET [Actual Mode] = MODE IN S2E WITH HIGHEST NUMBER OF TIMES COMMUTED AND SET [Trip Purpose] = COMMUTING.

OTHERWISE, RANDOMLY SELECT A MODE AND TRIP PURPOSE COMBINATION WHERE TRIPS ≥1 (1-998 TRIPS) IN S3E & S3F. SET [Actual Mode] = RANDOMLY SELECTED MODE AND [Trip Purpose] =RANDOMLY SELECTED TRIP PURPOSE.

AVOID PLANE IF *[AirAvailable]* = 0, OR BUS IF *[BusAvailable]* = 0 UNLESS THESE ARE THE ONLY AVAILABLE MODES BASED ON RESEPPONDENT'S ANSWERS. SEE REFERENCE EXCEL FILE. [IF NECESSARY, WE MAY ALSO NEED TO OVER-SAMPLE CERTAIN COMBINATIONS.]

S4. Now I'd like you to think about your most recent ***[Actual Mode]*** trip from ***[Home City]*** to ***[Trip City]*** for ***[Trip Purpose]***. Did you immediately return home after visiting ***[Trip City]***, or did you travel to another city after visiting ***[Trip City]***?

- | | | |
|---|-----------------------------------------|-------------------------------------------------------------------------------|
| 1 | Immediately returned home (Round trip) | Continue |
| 2 | Traveled to a third city (One-way trip) | Continue |
| 9 | No such trip/Don't know/Refused | Skip to Text before D-1 (This will not qualify as a completed survey). |

SET RANDOMLY:

IF S4=1 (Round Trip):

[Origin City]* = *[Home City]

AND *[Destination City]* = *[Trip City]*

OR

[Origin City]* = *[Trip City]

AND

[Destination City]* = *[Home City]

IF S4=2 (One-way Trip):

[Origin City]* = *[Home City]

AND *[Destination City]* = *[Trip City]*

Set *[Origin Zone]* (used for lookup table for Q14A and tradeoff questions) to be based on *[Origin City]*

&

Set *[Destination Zone]* (used for lookup table for Q14A and tradeoff questions) to be based on *[Destination City]*

If S3F2 Plane Total Trips >0 or S2e2=1-7 set ***[AirAvailable]*=1**)

If S3F4 Bus Total Trips >0 or S2e4=1-7 set ***[BusAvailable]*=1**)

MAIN QUESTIONNAIRE

The following questions ask specifics about the reference trip, including specific type of rail service if rail was the actual mode taken, access and egress mode of travel, fare for common carrier modes, cost for auto mode, station/terminal waiting time, party size, trip purpose, specific origin and destination airport/station, whether a connection was involved and length of trip. The questions cycle through each potential mode that the respondent may have used, but each respondent is asked questions about only one mode, the actual mode the used for the reference trip.

Specific One-Way Trip & Mode

Now, please think about your most recent **one-way [Actual Mode]** trip from **[Origin City]** to **[Destination City]** for **[Trip Purpose]**.

Programmer: Insert the following text if the **[Destination City]** selected is **[Home City]**:

Please note that we are now asking about the return trip from **[Origin City]** to **[Destination City]**

Ask Q1 only if **[Actual Mode]** = "Train" AND (**[AcelaAvailable]**=1 OR **[CRAvailable]**=1)
 If **[Actual Mode]** = "Train" AND (**[AcelaAvailable]**=0 AND **[CRAvailable]**=0), set Q1=2 and skip to instructions after Q1

(See reference Excel file; note that regular "non-Acela" Amtrak service is available in all markets to be surveyed)

1. What was the primary type of train service you used to travel between **[Origin City]** and **[Destination City]**? (Read List)
(If necessary: read appropriate text descriptions of available train services) (See reference Excel file for [Amtrak Train Name])

- 1 An Amtrak Acela train (list only if **[AcelaAvailable]**=1)
- 2 An Amtrak **[AmtrakTrainName]** train (not Acela)
- 3 A **[CROperator]** train (list only if **[CRAvailable]**=1)

Do Not Read

- 8 Don't Know
- 9 Refused

THERE ARE NO Q2-Q3

Skip to instructions before Q9A if **[Actual Mode]** = "Passenger Car/Truck/Van"
Ask Q4A, Q5A & Q6A if **[Actual Mode]**="Train" (Then skip to instructions before Q9A)

4A. At which station did you board the train (replace "train" with Q1 answer, if available) on your one-way trip from **[Origin City]** to **[Destination City]**? (Read List of Stations for **[Origin City]** if necessary) (See reference Excel file) (999=DK) (Provide an **Other Specify option in case respondent gives response not in reference file**) (Accept Only ONE Answer and set **[Origin Station]**) (If DK, set **[Origin Station]** as "your origin station")

5A. Which ONE of the following best describes the MAIN form of transportation you used to get to **[Origin Station]** to board the train? Did you get to the train by ... (Read List)? (Accept Only ONE Answer)

(Do Not Rotate)

- 2 Local Bus
- 3 Commuter rail
- 4 Subway
- 5 Private car - parked at station
- 6 Private car - dropped off at station
- 7 Taxi
- 8 Rental car
- 9 Walk
- 10 Or some other way (Specify:)
- Do Not Read
- 99 Don't know/Not sure

6A. Approximately how much time did you spend at the station from the time you arrived at **[Origin Station]** to the time your train departed (Read List If Necessary)?

- 1 10 minutes or less
- 2 11-20 minutes
- 3 21-30 minutes
- 4 31-40 minutes
- 5 41-50 minutes
- 6 51-60 minutes (0:51-1:00)
- 7 61-75 minutes (1:01-1:15)
- 8 76-90 minutes (1:16-1:30)
- 9 91-105 minutes (1:31-1:45)
- 10 106-120 minutes (1:46-2:00)
- 11 over 2 hours
- Do Not Read
- 99 Don't know/Not sure

Ask Q4B, Q5B & Q6B if **[Actual Mode]**="Plane" (Then skip to skip to instructions before Q9A)

4B. At which airport did you board the plane on your one-way trip from **[Origin City]** to **[Destination City]**? (Read List of Airports for **[Origin City]** if necessary) (999=DK) (Provide an Other Specify option in case respondent gives response not in reference file) (See reference Excel file) (Accept Only ONE Answer and set **[Origin Airport]**) (If DK, set **[Origin Airport]** as "your origin airport")

5B. Which ONE of the following best describes the MAIN form of transportation you used to get to **[Origin Airport]** to board the plane? Did you get to the airport by ... (Read List)? (Accept Only ONE Answer)

(Do Not Rotate)

- 1 Amtrak train (only display for **[Origin Airport]**="Newark" OR "BWI")
- 2 Local Bus
- 3 Commuter rail
- 4 Subway
- 5 Private car - parked at airport
- 6 Private car - dropped off at airport
- 7 Taxi
- 8 Rental car
- 9 Walk
- 10 Or some other way (Specify:)
- Do Not Read
- 99 Don't know/Not sure

6B. Approximately how much time did you spend at the airport from the time you arrived at **[Origin Airport]** to the time your plane departed (Read List If Necessary)? NOTE: This includes the time it took to pass through security.

- 1 10 minutes or less
- 2 11-20 minutes
- 3 21-30 minutes
- 4 31-40 minutes
- 5 41-50 minutes
- 6 51-60 minutes (0:51-1:00)
- 7 61-75 minutes (1:01-1:15)
- 8 76-90 minutes (1:16-1:30)
- 9 91-105 minutes (1:31-1:45)
- 10 106-120 minutes (1:46-2:00)
- 11 over 2 hours
- Do Not Read
- 99 Don't know/Not sure

Ask Q9A, Q10A, Q11A, Q12A, Q13A if **[Actual Mode]**="Train" (Then skip to instructions before Q15)

9A. At which station did you get off the train (replace "train" with Q1 answer, if available) on your one-way trip from **[Origin City]** to **[Destination City]**? (Read List of Stations for **[Destination City]** if necessary) (See reference Excel file) (999=DK) (Provide an Other Specify option in case respondent gives response not in reference file) (Accept Only ONE Answer and set **[Destination Station]**) (If DK, set **[Destination Station]** as "your destination station")

10A. Which ONE of the following best describes the MAIN form of transportation you used to get from **[Destination Station]** to your final destination in **[Destination City]**? Was it ... (Read List)? (Accept Only ONE Answer)

(Do Not Rotate)

- 2 Local Bus
- 3 Commuter rail
- 4 Subway
- 5 Private car - parked at station
- 6 Private car - picked up at station
- 7 Taxi
- 8 Rental car
- 9 Walk
- 10 Or some other way (Specify:)
- Do Not Read
- 99 Don't know/Not sure

11A. Did your one-way trip from **[Origin Station]** to **[Destination Station]** require that you connect from one train to another train at another station to complete the trip? (Do Not Read List)

- 1 Yes
- 2 No
- 99 Don't know/Not sure

12A. What total fare did you pay for your trip by train from (**[Q4A answer]** in text) to (**[Q9A answer]** in text)? If you traveled with other people, please just provide the amount for your individual fare.

\$ (0 – 999; 998="\$998 or more;" 999=DK)
Total Fare

Ask Q13A if Q12A = 1-998

13A. Was the \$(**Amount in Q12A**) a one-way or round trip fare?

- 1 One-way fare
- 2 Round trip fare
- Do Not Read
- 3 Don't know/Not sure

Do the following if Q13A is asked. If Q13A=2, Set **[Rail Fare]** = Q12A / 2; otherwise if Q13A=1 or 3 set **[Rail Fare]** = Q12A

Ask Q9B, Q10B, Q11B, Q12B, Q13B if **[Actual Mode]**="Plane" (Then skip to instructions before Q15)

9B. At which airport did you get off the plane on your one-way trip from **[Origin City]** to **[Destination City]**? (Read List of Airports for **[Destination City]** if necessary) (See reference Excel file) (999=DK) (Provide an Other Specify option in case respondent gives response not in reference file) (Accept Only ONE Answer and set **[Destination Airport]**) (If DK, set **[Destination Airport]** as "your destination airport")

10B. Which ONE of the following best describes the MAIN form of transportation you used to get from **[Destination Airport]** to your final destination in **[Destination City]**? Was it ... (Read List)? (Accept Only ONE Answer)

(Do Not Rotate)

- 1 Amtrak train (only display for **[Destination Airport]**="Newark" OR "BWI")
- 2 Bus
- 3 Commuter rail
- 4 Subway
- 5 Private car - parked at airport
- 6 Private car – picked up at airport
- 7 Taxi
- 8 Rental car
- 9 Walk
- 10 Or some other way (Specify:)
- Do Not Read
- 99 Don't know/Not sure

11B. Did your one-way trip from **[Origin Airport]** to **[Destination Airport]** require that you connect from one plane to another plane at another airport to complete the trip? (Do Not Read List)

- 1 Yes
- 2 No
- 3 Don't know/Not sure

12B. What total fare did you pay for your trip by plane from (**[Q4B answer]** *in text*) to (**[Q9B answer]** *in text*)? If you traveled with other people, please just provide the amount for your individual fare.

\$ (0 – 999; 998=“\$998 or more;” 999=DK)
Total Fare

Ask Q13B if Q12B = 1-998

13B. Was the \$(**Amount in Q12B**) a one-way or round trip fare?

- 1 One-way fare
- 2 Round trip fare
- Do Not Read
- 3 Don't know/Not sure

Do the following if Q13B is asked. If Q13B=2, Set **[Air Fare]** = Q12B / 2; otherwise if Q13B=1 or 3 set **[Air Fare]** = Q12B

Ask Q10C, Q11C, Q12C if **[Actual Mode]**="Bus" (Then Skip to Q15)

10C. Which ONE of the following best describes the MAIN form of transportation you used after you got off the bus to get from the bus terminal or stop to your final destination in **[Destination City]**? Was it ... (Read List)? (Accept Only ONE Answer)

(Do Not Rotate)

- 2 Local Bus
 - 3 Commuter rail
 - 4 Subway
 - 5 Private car - parked at terminal/stop
 - 6 Private car - picked up at terminal/stop
 - 7 Taxi
 - 8 Rental car
 - 9 Walk
 - 10 Or some other way (Specify:)_____
- Do Not Read
- 99 Don't know/Not sure

11C. Did your one-way trip from **[Origin City]** to **[Destination City]** require that you transfer from one bus to another bus in route to complete the trip? (Do Not Read List)

- 1 Yes
- 2 No
- 3 Don't know/Not sure

12C. What one-wayfare did you pay for your trip by bus from **[Origin City]** to **[Destination City]**? If you traveled with other people, please just provide the amount for your individual fare.

\$ ____ _ (0 – 999; 998="\$998 or more;" 999=DK)
Total Fare

If Q12C = 1-998, set **[Bus Fare]** = Q12C

Ask Q14A, Q14B, Q14C & Q14D if **[Actual Mode]** = "Passenger Car/Truck/Van"

Lookup default auto times [Auto_Travel_Time_1], [Auto_Travel_Time_2], [Auto_Travel_Time_3] based on [Origin Zone] and [Destination Zone] in reference Excel file. [Origin Zone] and [Destination Zone] will be based on [Origin City] and [Destination City] respectively.

14A. What do you estimate was your one-way travel time by passenger car/truck/van from **[Origin City]** to **[Destination City]**? Was it closest to **(Read List. Accept Only One Answer)?**

Rotate

- 1 **[Auto_Travel_Time_1]**
- 2 **[Auto_Travel_Time_2]**
- 3 **[Auto_Travel_Time_3]**

Do Not Read

- 4 Don't know/Not sure

If **[Q14A]=1** set **[Auto_Travel_Time] = [Auto_Travel_Time_1]**

If **[Q14A]=2 or 4** set **[Auto_Travel_Time] = [Auto_Travel_Time_2]**

If **[Q14A]=3** set **[Auto_Travel_Time] = [Auto_Travel_Time_3]**

14B. What do you estimate was the cost of your one-way trip by passenger car/truck/van from **[Origin City]** to **[Destination City]** ...?

For Tolls \$__ __ __ (000 – 997; 998="\$998 or more;" 999=DK)
Tolls

14C. For Parking \$__ __ __ (000 – 997; 998="\$998 or more;" 999=DK)
Parking

14D. For Fuel \$__ __ __ (001 – 997; 998="\$998 or more;" 999=DK)
Fuel

If none of Q14B, Q14C or Q14D = 999, set **[Car Fare] = Q14B+Q14C+Q14D**

Ask Q15 if **[Trip Purpose]** = business or leisure or non-business. If **[Trip Purpose]** = commuting, automatically enter 1 (daily commute to or from work) and skip to Q16.

15. Which ONE of the following best describes the main purpose of your **[Actual Mode]** trip from **[Origin City]** to **[Destination City]**? Was it ...? **(Read List. Accept Only One Answer.)**

- 1 Daily commute to or from work
 - 2 Business travel
 - 3 Travel to or from school
 - 4 Visit family or friends
 - 5 Vacation where you're away for about a week or more
 - 6 Leisure/recreation such as dining, sporting events, theater or long weekend getaways
 - 7 Personal or family business such as a wedding, funeral or medical trip
 - 8 Shopping
 - 9 Other (Specify) _____
- Do Not Read
- 99 Don't know/Not sure

16. Did you travel alone or in a group on this **[Actual Mode]** trip? "Group" means two or more people who planned to travel together on the same trip.

- | | |
|-----------------------|----------------------------------|
| 1 Alone | Skip to instructions before Q24A |
| 2 In a group | Ask Q17 |
| Do Not Read | |
| 3 Don't know/Not sure | Skip to instructions before Q24A |

17. Which ONE of the following best describes the other people in your group? **(Read List. Accept Only One Answer) Interviewer:** If respondent's travel group included family along with friends/business associates, please select "Family"

- 1 Family
 - 2 Friends
 - 3 Business associates
- Do Not Show
- 4 Don't know/Not sure

18. Including yourself, how many adults 18 or older were in the group?

adults: __ __ [1-20; 20 = "20 or more"; 99=DK]

19. And, how many were children... **(Read List)**?

Under 6 years of age: __ __ [0-20; 20 = "20 or more"; 99=DK]

6-12 years: __ __ [0-20; 20 = "20 or more"; 99=DK]

13-17 years: __ __ [0-20; 20 = "20 or more"; 99=DK]

THERE ARE NO Q20-Q23

Ask Q24A if S4 = 1 (Round Trip) and **[Trip Purpose]** = business or leisure or non-business. Otherwise, skip to Main Mode Choice Trade-Offs Section.

24A. About how many nights were you away from home on your round trip?

__ [0-7; 8 = "8 or more;" 9=DK]

Nights

If Q24A = 0, ask Q24B. Otherwise skip to Main Mode Choice Trade-Offs Section

24B. Approximately how many hours did you spend at **[Trip City]**, excluding travel time?

__ [0-24; 99=DK]

Number of Hours

Main Mode Choice Trade-Off Questions

In the following section, respondents are asked 6 Stated Preference choice exercises that relate to one way reference trip for that respondent. The actual mode the respondent used for the reference trip is always ModeA. Two other modes are randomly selected by the program to be available as alternatives.

The alternatives are described by the (one-way) total travel time, total cost, and schedule. Total travel time is the sum of access time, station waiting time, line haul time, transfer time (if relevant) and egress time.

Total cost is the sum of the (one-way) access costs, fare, and egress costs. For the passenger Car/Truck/Van option, cost is the sum of gas costs, tolls, and parking fees.

Schedule is described as departures every “X minutes” or “X hours.” Schedule is not described for the passenger Car/Truck/Van option.

Estimates of the current average values for these descriptors for each mode and origin zone/destination pair are derived from transportation network models of all the modes. These values, called “base” values are contained in a lookup database. that is referenced by the CATI program.

If the respondent provided values of fares are within a reasonable range of the values found in the lookup database, the program will adapt the base values to include the respondent provided information. In addition, the program will use the actual reported cost and travel time from respondents who used auto, regardless of database estimate.

The first choice exercise asks respondents to choose a mode based on the “base” characteristics of the three alternative modes. The next five choice exercises modify the characteristics of the available alternatives using percent changes over or under the base values.

For an individual respondent, only two of the three characteristics will change from the base values. One group of respondents (those receiving version 1) will see travel cost and travel time vary, but schedule will remain unchanged from the base values. Version 2 will vary travel time and schedule and keep travel cost fixed. Version 3 will vary schedule and travel cost and keep travel time fixed.

There are also subversions of the survey whereby the order of the two characteristics is reversed. For instance, version 1a lists time first followed by cost while version 1b lists cost first followed by time.

Available modes include:

- “High Speed Train” (Where Database file is Not #N/A)
- “Regional Train”
- “Commuter Train” (Where Database file is Not #N/A)
- “Metropolitan Train” (Where Database file is Not #N/A, randomized with or without a transfer)
- “Passenger Car/Truck/Van”
- “Plane” (Where Database file is Not #N/A) (Note: Same as if [Air_Available]=1)
- “Bus” (Where Database file is Not #N/A) (Note: Same as if [Bus_Available]=1)

Select three modes for trade-off questions as follows:

If [Actual Mode] = “Passenger Car/Truck/Van” OR “Plane” OR “Bus”, Set [MODEA] = [Actual Mode]

If [Q1] = 1, [MODEA] = “High Speed Train”

If [Q1] = 2, 8 OR 9, [MODEA] = “Regional Train”

If [Q1] = 3, [MODEA] = “Commuter Train”

Set [MODEB] = RANDOMIZE AMONG AVAILABLE MODES ≠ [MODEA]

Set [MODEC] = RANDOMIZE AMONG AVAILABLE MODES ≠ [MODEA] ≠ [MODEB]

If in setting [MODEA], [MODEB] or [MODEC], the particular mode selected is not available because Database file values for that mode are #N/A, then please select from remaining modes that are still available (not #N/A in Database file and not already selected as [MODEA], [MODEB] or [MODEC]).

Set base values for characteristics of each of the three modes. Variables to be assigned include: [TimeA], [CostA], and [SchedA] associated with [MODEA]; [TimeB], [CostB], and [SchedB] associated with [MODEB]; and [TimeC], [CostC], and [SchedC] associated with [MODEC]. These values will be set based on [Origin Zone] and [Destination Zone] from lookup database. Use modifications where respondent-provided data is available and reasonable. These characteristics include:

- **High Speed Train**
 - o *Total Time*
 - o *Total Cost*
 - o *Schedule*
- **Regional Train**
 - o *Total Time*
 - o *Total Cost*
 - o *Schedule*
- **Commuter Train**
 - o *Total Time*
 - o *Total Cost*
 - o *Schedule*
- **Metropolitan Train**
 - o *Total Time*
 - o *Total Cost*
 - o *Schedule*
- **Plane**
 - o *Total Time*
 - o *Total Cost*
 - o *Schedule*
- **Bus**
 - o *Total Time*
 - o *Total Cost*
 - o *Schedule*
- **Car**
 - o *Total Time*
 - o *Total Cost*

Where actual mode is rail/air/bus, use respondent-provided fares if within a reasonable range of database values. For chosen car mode, use respondent-provided total cost when provided; otherwise use database values.

For Example (repeat formula for all non Auto modes)

If [MODEA] = "High Speed Train," check if respondent provided [Rail Fare] is within acceptable database value range (Within 'Acela Lo' and 'Acela Hi') for rail fare based on [Origin Zone] to [Destination Zone]. If it is, [Fare Diff] = [Rail Fare] – [Acela Fare] from Benchmark reference file, then apply that difference (as an addition if positive; as a subtraction if negative) to [Total Cost] for High Speed Train in database ([Total Cost] = [Total Cost] + [Fare Diff]); otherwise use database value for that zone pair.

If [MODEA] (essentially [Actual Mode])="Passenger Car/Truck/Van," [Total Cost] = [Car Fare] if available (that is, none in Q14B-D=999); otherwise use SP database value for that zone pair.

Also if [MODEA]="Passenger Car/Truck/Van," use [Auto_Travel_Time] set from Q14A for Total Travel Time.

Randomly assign respondent to one of three sub-groups which will see variations in 2 trip characteristics (Note: these will be [Var1] and [Var2], [Var3] and [Var4], [Var5] and [Var6] referenced in the appropriate grid):

- (1) travel time and travel cost (use Version 1 questions)**
- (2) travel time and schedule (use Version 2 questions)**
- (3) travel cost and schedule (use Version 3 questions)**

Schedule will take one of the following values for each mode:

- o "Every 5 minutes"**
- o "Every 10 minutes"**
- o "Every 15 minutes"**
- o "Every 20 minutes"**
- o "Every 30 minutes"**
- o "Every Hour"**
- o "Every Two Hours"**
- o "Every Three Hours"**
- o "Every Four Hours"**

Use base values for other variables that will not change across trade-off questions.

Set high and low values for variables that change as follows:

- **TimeHi: randomize among +15%, +30% over base values**
- **TimeLo: randomize among -15%, -30% under base values**
- **CostHi: randomize among +15%, +30% over base values**
- **CostLo: randomize among -15%, -30% under base values**
- **SchedHi = randomize among next two higher values (e.g., if Schedule = "Every Hour" then randomize among "Every Two Hours", "Every Three Hours")**
- **SchedLo = randomize among next three lower values (e.g., if Schedule = "Every Hour" then randomize among "Every 30 minutes", "Every 20 minutes", "Every 15 minutes")**

Instructions to respondent:

In the next series of questions, I ask you to make a choice about which travel mode you would prefer for that trip from **[Origin City]** to **[Destination City]** that you just told me about. For these next questions, I would like you to consider a choice between

- **[MODEA];**
- **[MODEB]; and**
- **[MODEC].**

Provide description of MODEA, MODEB and MODEC if they are rail.

If MODEA, MODEB or MODEC = "Commuter Train":

Read description of commuter rail: The commuter train is similar to the existing services provided by **[CROperator]** (name of commuter rail operator in respondent's home area). It provides passengers with shared bench seating – not individual seats. Seating is not guaranteed so some passengers might have to stand during the busiest times. Service is provided by a single train, so no transfer is required.

If MODEA, MODEB and MODEC = "High Speed Train":

Read description of High Speed Train: The high-speed train is very similar to Amtrak's Acela service. It provides passengers with individual seats, as opposed to the shared bench seating on commuter trains. Seating is guaranteed so passengers do not have to stand even during the busiest times. Service is provided by a single train, so no transfer is required.

If MODEA, MODEB and MODEC = "Regional Train":

Read description of Regional Train: The regional train is similar to Amtrak's Regional, Empire, and Keystone service. It provides passengers with individual seats, as opposed to the shared bench seating on commuter trains. Seating is guaranteed so passengers do not have to stand even during the busiest times. Service is provided by a single train, so no transfer is required.

If MODEA, MODEB and MODEC = “Metropolitan Train”:

Read description of Metropolitan Train: The metropolitan train is a proposed new service. It provides passengers with individual seats, as opposed to the shared bench seating on commuter trains. However, like commuter trains, seating is not guaranteed so some passengers might have to stand during the busiest times. (***RANDOMIZE:*** “This service will be provided by a single train, so no transfer is required.”, “This service will be provided by two trains, requiring a transfer, but schedules are coordinated to minimize transfer time and riders purchase just one ticket.”).

Note that, if the trip is made by train, plane or bus, the total travel time information I describe includes all time including getting to and from the airport or station and time waiting at the airport or station. The total cost includes the fare as well as the cost of getting to and from the airport or station.

The SP questions rely on an experimental design that provides for variations in five (5) different variables across three (3) modes. Although the experimental design could have also accommodated a sixth variable, we believe this would make the task too difficult for respondents. Furthermore, the sixth variable is not required when one of the modes is car and one of the variables is schedule, which is not relevant for car. A full orthogonal design generates eight (8) total combinations in the five (5) variables at two levels each, from which six are randomly selected to use in the six SP questions for a given respondent. The tables shown below reflect this same experimental design, with differences between them only reflecting the specific variables that are being used.

Note that the variable levels used for the first mode, which is the current mode used by the respondent, reflect base and high (worse) values and the variable levels used for the other two modes reflect base and low (better) values. This has been done to present alternative choices that are more attractive than the current mode, since little is learned about preferences by presenting non-chosen modes that get even worse.

Version 1 (vary travel time and travel cost and keep schedule fixed)

Please assume that the schedules for [MODEA], [MODEB], and [MODEC] are always the same in every case, with ...

- [MODEA] providing service departing [SchedA];
- [MODEB] providing service departing [SchedB]; and
- [MODEC] providing service departing [SchedC]

(where [MODEA], [MODEB], or [MODEC] = "Passenger Car/Truck/Van", schedule variable does not exist so skip over appropriate MODE and Sched text)

Randomize among Versions 1a and 1b (time-cost or cost-time order)

Version 1a (Q25A-Q30A)

25A. First, please consider the situation where the [MODEA] Total Travel Time is [TimeA] and one-way Total Cost is [CostA]; the [MODEB] Total Travel Time is [TimeB] and one-way Total Cost is [CostB]; and the [MODEC] Total Travel Time is [TimeC] and one-way Total Cost is [CostC]. Under these conditions, and assuming these were the only choices available, what would you choose for your trip from [Origin_City] to [Destination_City]? Would you ...

- 1 Travel by [MODEA];
- 2 Travel by [MODEB];
- 3 Travel by [MODEC];
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

For Q26A-Q27A, randomly select 2 rows of values from A1, A2, and A3 in table

For Q28A-Q30A, randomly select 3 rows of values from B1, B2, B3, and B4 in table

- 26A-30A. Next, please consider the situation where the **[MODEA]** Total Travel Time is **[var1]** and one-way Total Cost is **[var2]**; the **[MODEB]** Total Travel Time is **[var3]** and one-way Total Cost is **[var4]**; and the **[MODEC]** Total Travel Time is **[var5]** and one-way Total Cost is **[var6]**. What would you choose for your trip from **[Origin_City]** to **[Destination_City]**? Would you...
- 1 Travel by **[MODEA]**;
 - 2 Travel by **[MODEB]**;
 - 3 Travel by **[MODEC]**;
 - 4 Not make the trip at all
- Do Not Read
- 8 Don't know/Not sure

	MODEA		MODEB		MODEC	
	Travel Time [var1]	Total Cost [var2]	Travel Time [var3]	Total Cost [var4]	Travel Time [var5]	Total Cost [var6]
Q25A	[TimeA]	[CostA]	[TimeB]	[CostB]	[TimeC]	[CostC]
A1	[TimeHiA]	[CostHiA]	[TimeLoB]	[CostB]	[TimeC]	[CostC]
A2	[TimeA]	[CostHiA]	[TimeLoB]	[CostLoB]	[TimeC]	[CostC]
A3	[TimeHiA]	[CostA]	[TimeB]	[CostLoB]	[TimeC]	[CostC]
B1	[TimeA]	[CostHiA]	[TimeB]	[CostLoB]	[TimeLoC]	[CostC]
B2	[TimeHiA]	[CostA]	[TimeLoB]	[CostLoB]	[TimeLoC]	[CostC]
B3	[TimeA]	[CostA]	[TimeLoB]	[CostB]	[TimeLoC]	[CostC]
B4	[TimeHiA]	[CostHiA]	[TimeB]	[CostB]	[TimeLoC]	[CostC]

Version 1b (Q25B-Q30B)

25B. First, please consider the situation where the **[MODEA]** one-way **Total Cost** is **[CostA]** and **Total Travel Time** is **[TimeA]**; the **[MODEB]** one-way **Total Cost** is **[CostB]** and **Total Travel Time** is **[TimeB]**; and the **[MODEC]** one-way **Total Cost** is **[CostC]** and **Total Travel Time** is **[TimeC]**. Under these conditions, and assuming these were the only choices available, what would you choose for your trip from **[Origin_City]** to **[Destination_City]**? Would you...

- 1 Travel by **[MODEA]**;
- 2 Travel by **[MODEB]**;
- 3 Travel by **[MODEC]**;
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

For Q26B-Q27B, randomly select 2 rows of values from A1, A2, and A3 in table
For Q28B-Q30B, randomly select 3 rows of values from B1, B2, B3, and B4 in table

26B-30B. Next, please consider the where the **[MODEA]** one-way **Total Cost** is **[var1]** and **Total Travel Time** is **[var2]**; the **[MODEB]** one-way **Total Cost** is **[var3]** and **Total Travel Time** is **[var4]**; and the **[MODEC]** one-way **Total Cost** is **[var5]** and **Total Travel Time** is **[var6]**. What would you choose for your trip from **[Origin_City]** to **[Destination_City]**? Would you...

- 1 Travel by **[MODEA]**;
- 2 Travel by **[MODEB]**;
- 3 Travel by **[MODEC]**;
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

This table matches the prior table, only the order of the columns (cost and time) have been switched)

	MODEA		MODEB		MODEC	
	Total Cost [var1]	Travel Time [var2]	Total Cost [var3]	Travel Time [var4]	Total Cost [var5]	Travel Time [var6]
Q25B	[CostA]	[TimeA]	[CostB]	[TimeB]	[CostC]	[TimeC]
A1	[CostHiA]	[TimeHiA]	[CostLoB]	[TimeB]	[CostC]	[TimeC]
A2	[CostA]	[TimeHiA]	[CostLoB]	[TimeLoB]	[CostC]	[TimeC]
A3	[CostHiA]	[TimeA]	[CostB]	[TimeLoB]	[CostC]	[TimeC]
B1	[CostA]	[TimeHiA]	[CostB]	[TimeLoB]	[CostLoC]	[TimeC]
B2	[CostHiA]	[TimeA]	[CostLoB]	[TimeLoB]	[CostLoC]	[TimeC]
B3	[CostA]	[TimeA]	[CostLoB]	[TimeB]	[CostLoC]	[TimeC]
B4	[CostHiA]	[TimeHiA]	[CostB]	[TimeB]	[CostLoC]	[TimeC]

Version 2 (vary travel time and schedule and keep travel cost fixed)

Please assume that the one-way total costs for [MODEA], [MODEB], and [MODEC] are always the same in every case, with ...

- [MODEA] one-way Total Cost at [CostA];
- [MODEB] one-way Total Cost at [CostB]; and
- [MODEC] one-way Total Cost at [CostC]

Version 2 (Q25C-Q30C)

(where [MODEA], [MODEB], or [MODEC] = "Passenger Car/Truck/Van", schedule variable does not exist so skip over appropriate MODE and Sched text in questions)

25C. First, please consider the situation where the [MODEA] Total Travel Time is [TimeA] providing service departing [SchedA]; the [MODEB] Total Travel Time is [TimeB] providing service departing [SchedB]; and the [MODEC] Total Travel Time is [TimeC] providing service departing [SchedC]. Under these conditions, and assuming these were the only choices available, what would you choose for your trip from [Origin_City] to [Destination_City]? Would you...

- 1 Travel by [MODEA];
- 2 Travel by [MODEB];
- 3 Travel by [MODEC];
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

Since schedule is not relevant for the car mode, there are 3 different designs depending on which mode is car.

***For Q26C-Q27C, randomly select 2 rows of values from A1, A2, and A3 in table
For Q28C-Q30C, randomly select 3 rows of values from B1, B2, B3, and B4 in table
Use appropriate table depending upon which mode is "Passenger Car/Truck/Van"***

26C-30C. Next, please consider the situation where the [MODEA] Total Travel Time is [var1] providing service departing [var2]; the [MODEB] Total Travel Time is [var3] providing service departing [var4]; and the [MODEC] Total Travel Time is [var5] providing service departing [var6]. What would you choose for your trip from [Origin_City] to [Destination_City]? Would you...

- 1 Travel by [MODEA];
- 2 Travel by [MODEB];
- 3 Travel by [MODEC];
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

	MODEA (Car)		MODEB (not Car)		MODEC (not Car)	
	Travel Time [var1]	N/A	Travel Time [var3]	Schedule [var4]	Travel Time [var5]	Schedule [var6]
Q25C	[TimeA]		[TimeB]	[SchedB]	[TimeC]	[SchedC]
A1	[TimeHiA]		[TimeLoB]	[SchedHiB]	[TimeC]	[SchedC]
A2	[TimeA]		[TimeLoB]	[SchedHiB]	[TimeC]	[SchedLoC]
A3	[TimeHiA]		[TimeB]	[SchedB]	[TimeC]	[SchedLoC]
B1	[TimeA]		[TimeB]	[SchedHiB]	[TimeLoC]	[SchedLoC]
B2	[TimeHiA]		[TimeLoB]	[SchedB]	[TimeLoC]	[SchedLoC]
B3	[TimeA]		[TimeLoB]	[SchedB]	[TimeLoC]	[SchedC]
B4	[TimeHiA]		[TimeB]	[SchedHiB]	[TimeLoC]	[SchedC]

	MODEA (not Car)		MODEB (Car)		MODEC (not Car)	
	Travel Time [var1]	Schedule [var2]	Travel Time [var3]	N/A	Travel Time [var5]	Schedule [var6]
Q25C	[TimeA]	[SchedA]	[TimeB]		[TimeC]	[SchedC]
A1	[TimeHiA]	[SchedHiA]	[TimeLoB]		[TimeC]	[SchedC]
A2	[TimeA]	[SchedHiA]	[TimeLoB]		[TimeC]	[SchedLoC]
A3	[TimeHiA]	[SchedA]	[TimeB]		[TimeC]	[SchedLoC]
B1	[TimeA]	[SchedHiA]	[TimeB]		[TimeLoC]	[SchedLoC]
B2	[TimeHiA]	[SchedA]	[TimeLoB]		[TimeLoC]	[SchedLoC]
B3	[TimeA]	[SchedA]	[TimeLoB]		[TimeLoC]	[SchedC]
B4	[TimeHiA]	[SchedHiA]	[TimeB]		[TimeLoC]	[SchedC]

	MODEA (not Car)		MODEB (not Car)		MODEC (Can be Car)	
	Travel Time [var1]	Schedule [var2]	Travel Time [var3]	Schedule [var4]	Travel Time [var5]	N/A(car) or Schedule [var6]
Q25C	[TimeA]	[SchedA]	[TimeB]	[SchedB]	[TimeC]	[SchedC]
A1	[TimeHiA]	[SchedHiA]	[TimeLoB]	[SchedB]	[TimeC]	[SchedC]
A2	[TimeA]	[SchedHiA]	[TimeLoB]	[SchedLoB]	[TimeC]	[SchedC]
A3	[TimeHiA]	[SchedA]	[TimeB]	[SchedLoB]	[TimeC]	[SchedC]
B1	[TimeA]	[SchedHiA]	[TimeB]	[SchedLoB]	[TimeLoC]	[SchedC]
B2	[TimeHiA]	[SchedA]	[TimeLoB]	[SchedLoB]	[TimeLoC]	[SchedC]
B3	[TimeA]	[SchedA]	[TimeLoB]	[SchedB]	[TimeLoC]	[SchedC]
B4	[TimeHiA]	[SchedHiA]	[TimeB]	[SchedB]	[TimeLoC]	[SchedC]

Version 3 (vary travel cost and schedule and keep travel time fixed)

Please assume that the total travel time for [MODEA], [MODEB], and [MODEC] are always the same in every case, with ...

- [MODEA] Total Travel Time at [TimeA];
- [MODEB] Total Travel Time at [TimeB]; and
- [MODEC] Total Travel Time at [TimeC]

Version 3 (Q25D-Q30D)

(where [MODEA], [MODEB], or [MODEC] = "Passenger Car/Truck/Van", schedule variable does not exist so skip over appropriate MODE and Sched text in questions)

25D. First, please consider the situation where the [MODEA] one-way Total Cost is [CostA] providing service departing [SchedA]; the [MODEB] one-way Total Cost is [CostB] providing service departing [SchedB]; and the [MODEC] one-way Total Cost is [CostC] providing service departing [SchedC]. Under these conditions, and assuming these were the only choices available, what would you choose for your trip from [Origin_City] to [Destination_City]? Would you...

- 1 Travel by [MODEA];
- 2 Travel by [MODEB];
- 3 Travel by [MODEC];
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

***For Q26D-Q27D, randomly select 2 rows of values from A1, A2, and A3 in table
For Q28D-Q30D, randomly select 3 rows of values from B1, B2, B3, and B4 in table
Use appropriate table depending upon which mode is "Passenger Car/Truck/Van"***

26D-30D. Next, please consider the situation where the [MODEA] one-way Total Cost is [var1] providing service departing [var2]; the [MODEB] one-way Total Cost is [var3] providing service departing [var4]; and the [MODEC] one-way Total Cost is [var5] providing service departing [var6]. What would you choose for your trip from [Origin_City] to [Destination_City]? Would you...

- 1 Travel by [MODEA];
- 2 Travel by [MODEB];
- 3 Travel by [MODEC];
- 4 Not make the trip at all

Do Not Read

- 8 Don't know/Not sure

	MODEA (Car)		MODEB (not Car)		MODEC (not Car)	
	Total Cost [var1]	N/A	Total Cost [var3]	Schedule [var4]	Total Cost [var5]	Schedule [var6]
Q25D	[CostA]		[CostB]	[SchedB]	[CostC]	[SchedC]
A1	[CostHiA]		[CostLoB]	[SchedHiB]	[CostC]	[SchedC]
A2	[CostA]		[CostLoB]	[SchedHiB]	[CostC]	[SchedLoC]
A3	[CostHiA]		[CostB]	[SchedB]	[CostC]	[SchedLoC]
B1	[CostA]		[CostB]	[SchedHiB]	[CostLoC]	[SchedLoC]
B2	[CostHiA]		[CostLoB]	[SchedB]	[CostLoC]	[SchedLoC]
B3	[CostA]		[CostLoB]	[SchedB]	[CostLoC]	[SchedC]
B4	[CostHiA]		[CostB]	[SchedHiB]	[CostLoC]	[SchedC]

	MODEA (not Car)		MODEB (Car)		MODEC (not Car)	
	Total Cost [var1]	Schedule [var2]	Total Cost [var3]	N/A	Total Cost [var5]	Schedule [var6]
Q25D	[CostA]	[SchedA]	[CostB]		[CostC]	[SchedC]
A1	[CostHiA]	[SchedHiA]	[CostLoB]		[CostC]	[SchedC]
A2	[CostA]	[SchedHiA]	[CostLoB]		[CostC]	[SchedLoC]
A3	[CostHiA]	[SchedA]	[CostB]		[CostC]	[SchedLoC]
B1	[CostA]	[SchedHiA]	[CostB]		[CostLoC]	[SchedLoC]
B2	[CostHiA]	[SchedA]	[CostLoB]		[CostLoC]	[SchedLoC]
B3	[CostA]	[SchedA]	[CostLoB]		[CostLoC]	[SchedC]
B4	[CostHiA]	[SchedHiA]	[CostB]		[CostLoC]	[SchedC]

	MODEA (not Car)		MODEB (not Car)		MODEC (can be Car)	
	Total Cost [var1]	Schedule [var2]	Total Cost [var3]	Schedule [var4]	Total Cost [var5]	N/A(car) or Schedule [var6]
Q25D	[CostA]	[SchedA]	[CostB]	[SchedB]	[CostC]	[SchedC]
A1	[CostHiA]	[SchedHiA]	[CostLoB]	[SchedB]	[CostC]	[SchedC]
A2	[CostA]	[SchedHiA]	[CostLoB]	[SchedLoB]	[CostC]	[SchedC]
A3	[CostHiA]	[SchedA]	[CostB]	[SchedLoB]	[CostC]	[SchedC]
B1	[CostA]	[SchedHiA]	[CostB]	[SchedLoB]	[CostLoC]	[SchedC]
B2	[CostHiA]	[SchedA]	[CostLoB]	[SchedLoB]	[CostLoC]	[SchedC]
B3	[CostA]	[SchedA]	[CostLoB]	[SchedB]	[CostLoC]	[SchedC]
B4	[CostHiA]	[SchedHiA]	[CostB]	[SchedB]	[CostLoC]	[SchedC]

Demographics

Ask All

The last few questions are for classification purposes only.

D-1. Into which of the following categories does your age fall? (Read List)

- 1 18-24
 - 2 25-34
 - 3 35-44
 - 4 45-54
 - 5 55-64
 - 6 65 or older
- Do Not Read
- 8 Don't know/Not sure

D-2. Record Gender:

- 1 Male
- 2 Female

D-3. How many people, including yourself, live in your household?

__ __ __ __ __ (1-10; 10=="10 or more;" 99=DK)

D-4. How many motor vehicles are owned, leased, or available for regular use by the people who currently live in your household?

__ __ __ __ __ (0-10; 10=="10 or more;" 99=DK)

D-5. What is your 5-digit home zip code? (DK=99999)

__ __ __ __ __

D-6. What is the last grade of school you completed?

- 1 Grade school or less
 - 2 Some high school
 - 3 High school graduate
 - 4 Technical/training beyond high school
 - 5 Some college
 - 6 College graduate
 - 7 Graduate school
- Do Not Read
- 8 Don't know/Not sure

D-7. What is your current employment status?

- 1 Employed full-time
- 2 Employed part-time
- 3 A student
- 4 Retired
- 5 A homemaker, or
- 6 Not employed
- 7 Other (Specify)_____
- Do Not Read
- 8 Don't know/Not sure

D-8. What is the total annual income of your household, before taxes?

- 1 Less than \$25,000
- 2 \$25,000 - \$49,999
- 3 \$50,000 - \$74,999
- 4 \$75,000 - \$99,999
- 5 \$100,000 - \$149,999
- 6 \$150,000 - \$199,999
- 7 \$200,000 - \$249,999
- 8 \$250,000 or over
- Do Not Read
- 9 Don't know/Not sure

D-9. Are you Hispanic or Latino? (Do Not Read List)

- 1 Yes
- 2 No
- 3 Don't know/Not sure

D-10. What is your race? Please select one or more. Would you say...? (**Note:** Select all that apply) (Read List)

- 1 White
- 2 Black or African American
- 3 Asian
- 4 Native Hawaiian or Other Pacific Islander, or
- 5 American Indian or Alaska native
- Do Not Read
- 8 Don't know/Not sure

ASK D11 FOR LANDLINE SAMPLE

D-11. Now thinking about your telephone use, do you have a working cell phone?
[INTERVIEWER: THIS INCLUDES SHARED CELL PHONES.] (Do Not Read List)

- 1 Yes
- 2 No
- 3 Don't know/Not sure

ASK D12 FOR CELL SAMPLE

D-12. Now thinking about your telephone use, in addition to the cell phone, do you also have a regular phone that you use to make and receive calls where you currently live? [IF NEEDED: A regular telephone is sometimes called a landline or phone that is wired to a jack in the wall.] (Do Not Read List)

- 1 Yes
- 2 No
- 3 Don't know/Not sure

END INTERVIEW ROUTINE

Thank you! Let me take down your name and mailing address to make sure we send the ten dollar "thank-you" check to the right address. Again, all information you give are kept strictly private.

May I please have your **(Record)**:

Name:

Street Address:

City:

State:

Zip code:

Interviewer Note: Confirm spelling of name and mailing information with respondent.

[Interviewer Note: (If Needed): The U.S. Department of Transportation privacy information can be found at <http://www.dot.gov/privacy>]

PROGRAMMER: PROVIDE OPTION FOR RESPONDENT TO DECLINE INCENTIVE IF WANTED

Thank you very much for your time!