UTAH SUPPLEMENTAL QUESTIONNAIRE

CONTENTS

0.0 INSTRUCTIONS FOR REVIEW

This document includes the proposed questionnaire for the Utah Statewide Household Travel Survey (HTS) Supplemental Survey.

Notes for Review:

- Variable / page names are noted in brackets and capital letters. These are **not** indicative of the variable names that will be delivered in the final dataset. These names are used for programming (and are included here to allow QC of the final programmed instrument).

- Programmer notes are included in red italics. Survey logic is included in blue italics.

- Single-select (radio) questions are noted with open circle bullets. Multi-select (checkbox) questions are noted with open square bullets.

1.0 INTRODUCTION

Thank you for your participation in the Utah Moves Transportation Survey this past spring. This short follow-up survey is designed to further explore transportation-related topics to inform decision-making in Utah.

This survey is conducted by RSG on behalf of the Utah Department of Transportation (UDOT), the Utah Transit Authority (UTA), and Utah's four metropolitan planning organizations: Cache Metropolitan Planning Organization (CMPO), Dixie Metropolitan Planning Organization (Dixie MPO), Mountainland Association of Governments (MAG), and Wasatch Front Regional Council (WFRC). Please **click here** to view our privacy documentation.

2.0 MODE ACCESSIBILITY

2.1 [MODE_INTRO]

Think of the most recent trip you wanted to make in the past week but did not make. The following questions will ask you about this forsaken trip.

2.2 [TRIP_PURPOSE]

What was the primary purpose of this trip?

- ○ Dine out, get coffee, or take-out
- ○ Grocery shopping
- ○ Other routine shopping (for example: pharmacy)
- ○ Medical visit (for example: doctor, dentist)
- ○ Other errand
- ○ Social activity (for example: visit friends or relatives)
- ○ Family activity (for example: watch child's game)
- ○ Leisure, entertainment, or cultural activity (for example: cinema, museum, park)
- ○ Religious, civic, volunteer activity
- ○ Pick someone up or drop someone off
- ○ Work related activity
- ○ Other, please specify:
- ○ N/A – I was able to make all the trips I wanted to make in the past week.

2.3 [TRIP_MODE]

If trip purpose <> N/A

What transportation options did you consider using to make this trip?

Select all that apply.

- ☐ Personal motorized vehicle
- ☐ Personal electric bicycle
- ☐ Personal pedal bicycle
- ☐ Walk
- ☐ Transit (Bus, Rail)
- ☐ Ride-hail Service
- ☐ Taxi Service
- ☐ Shared e-scooter
- ☐ Shared e-bike
- ☐ Other, please specify:

2.4 [WHY_NO_VEHICLE]

If trip mode = personal motorized vehicle

Why did you not take a <u>personal motorized vehicle</u> on this trip?

Select all that apply.

- ☐ Do not have a personal motorized vehicle or it was not working
- ☐ Other member(s) of my household were using personal motorized vehicle
- ☐ Monetary cost was too high
- ☐ Travel time was too long
- ☐ Disability
- ☐ Safety concerns, please specify:
- ☐ Weather
- ☐ Other, please specify:

2.5 [WHY_NO_EBIKE]

If trip mode = personal electric bicycle

Why did you not take a <u>personal electric bicycle</u> on this trip?

Select all that apply.

- ☐ Do not have a personal electric bicycle or it was not working
- ☐ Other member(s) of my household were using personal electric bicycle
- ☐ Monetary cost was too high
- ☐ Travel time was too long
- ☐ Disability
- ☐ Safety concerns, please specify:
- ☐ Weather
- ☐ Other, please specify:

2.6 [WHY_NO_BIKE]

If trip mode = personal pedal bicycle

Why did you not take a <u>personal pedal bicycle</u> on this trip?

Select all that apply.

- ☐ Do not have a personal pedal bicycle or it was not working
- ☐ Other member(s) of my household were using personal pedal bicycle
- ☐ Monetary cost was too high
- ☐ Travel time was too long
- ☐ Disability
- ☐ Safety concerns, please specify:
- ☐ Weather
- ☐ Other, please specify:

2.7 [WHY_NO_WALK]

If trip mode = walk

Why did you not <u>walk</u> on this trip?

Select all that apply.

- ☐ Travel time was too long
- ☐ Disability
- ☐ Safety concerns, please specify:

☐ Weather

☐ Other, please specify:

2.8 [WHY_NO_TRANSIT]

If trip mode = transit

Why did you not take <u>transit</u> on this trip?

Select all that apply.

☐ Transit was out of service

☐ Transit stop was not convenient to my origin or destination

☐ Monetary cost was too high

☐ Travel and wait time was too long

☐ Disability

☐ Difficulty understanding how to use the system

☐ Safety concerns, please specify:

☐ Weather

☐ Other, please specify:

2.9 [WHY_NO_TNC]

If trip mode = ride-hail service

Why did you not use a <u>ride-hail service</u> on this trip?

Select all that apply.

☐ Ride-hail service was not available

☐ Monetary cost was too high

☐ Travel and wait time was too long

☐ Disability

☐ Difficulty understanding how to use the system

☐ Safety concerns, please specify:

☐ Weather

☐ Other, please specify:

2.10 [WHY_NO_TAXI]

If trip mode = taxi service

Why did you not use a <u>taxi service</u> on this trip?

Select all that apply.

- ☐ Taxi service was not available
- ☐ Monetary cost was too high
- ☐ Travel and wait time was too long
- ☐ Disability
- ☐ Safety concerns, please specify:
- ☐ Weather
- ☐ Other, please specify:

2.11 [WHY_NO_SHARED_ESCOOTER]

If trip mode = shared e-scooter

Why did you not take a <u>shared e-scooter</u> on this trip?

Select all that apply.

- ☐ Shared e-scooter was not available
- ☐ Pick-up or drop-off location was not convenient to my origin or destination
- ☐ Monetary cost was too high
- ☐ Travel time was too long
- ☐ Disability
- ☐ Safety concerns, please specify:
- ☐ Weather
- ☐ Other, please specify:

2.12 [WHY_NO_SHARED_EBIKE]

If trip mode = shared e-bike

Why did you not take a <u>shared e-bike</u> on this trip?

Select all that apply.

- ☐ Shared e-bike was not available
- ☐ Pick-up or drop-off location was not convenient to my origin or destination
- ☐ Monetary cost was too high
- ☐ Travel time was too long

☐ Disability

☐ Safety concerns, please specify:

☐ Weather

☐ Other, please specify:

2.13 [TRANSIT_BIKE_INTRO]

The next few questions ask about your current attitudes toward transit (for example: bus, rail) and bicycle travel options.

2.14 [TRANSIT_COMMUTE]

Which of the following factors would encourage you to <u>use transit (for example: bus, rail) to travel to work</u>?

Select all that apply.

☐ N/A – I do not commute to a workplace outside the home

☐ Lower cost of transit or free transit pass

☐ More reliable transit service

☐ More frequent transit service

☐ Faster arrival at my destination

☐ Transit service provided during different times of the day/week

☐ Transit stops closer to my home/work

☐ Higher gas or parking prices

☐ User-friendly transit mobile app

☐ Safer environment in the vehicles

☐ Safer environment at stops and stations

☐ Other, specify:

☐ None of the above *clears set*

2.15 [BIKE_COMMUTE]

Which of the following would encourage you to <u>bike to work</u> more often than you do currently?

Select all that apply.

☐ N/A – I do not commute to a workplace outside the home

☐ Safer physical riding conditions for bicyclists (for example: bike paths separated from motor vehicles)

☐ Better knowledge of the best bike route to work

☐ Amenities like showers and a place to change clothes at work

☐ Secure bike storage at work

☐ More attractive routes (visually pleasing, improve non-traffic related safety)

☐ Lower cost electric bikes or similar equipment (for example: electric scooters)

☐ Expanded bike share system

☐ Better maintenance of existing bicycle infrastructure (for example: clearing paths of debris and/or snow during the winter)

☐ Transportation back-up option while at work (for example: reimbursement for taxi or ride-hailing in case of needing to pick up a family member in case of emergency)

☐ Don't have access to a bike, but may in the future

☐ Don't have access to a bike and will not in the future

☐ Other, specify:

☐ None of the above *clears set*

2.16 [HH_BICYCLES]

How many working bicycles of the following types do you and your household members own?

Please count each bike in only one category.

Programmer: For each category, respondents can select 0, 1, 2, 3, 4, '5 or more'.

- Electric mountain bikes, adult-sized
- Other electric bikes (road, commuter, cargo, etc.)
- Mountain bikes, adult sized (non e-bike)
- Other adult-sized bikes (road, commuter, cargo, etc.)
- Child-sized mountain bikes
- Other child-sized bikes

2.17 [HH_BIKE_COST]

If household has any bikes

In the past 12 months, how much has your household spent <u>purchasing bicycles</u>?

o Under $100

o $100 - $249.99

- o $250 - $499.99
- o $500 - $999.99
- o $1,000 - $2,499.99
- o $2,500 or more

2.18 [HH_BIKE_ACCESSORIES_COST]

If household has any bikes

In the past 12 months, how much has your household spent on <u>bicycle maintenance, equipment, and accessories</u>?

- o Under $100
- o $100 - $249.99
- o $250 - $499.99
- o $500 - $999.99
- o $1,000 - $2,499.99
- o $2,500 or more

2.19 [HH_ESCOOTERS]

How many working electric scooters or similar devices do you and your household members own?

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

2.20 [PED_SAFETY]

In the past month, have you decided not to <u>walk or ride a bike</u> because you were concerned about safety?

- o Yes
- o No

2.21 [PED_SAFETY_CONCERNS]

If did not walk or ride bike because of safety concern

What safety concerns caused you not to <u>walk or ride a bike</u>?

Select all that apply.

- ☐ No safe route to walk or ride my bike
- ☐ Walking or biking routes don't put enough separation between me and moving cars
- ☐ Crossing intersections is too stressful
- ☐ Concerns about distracted or impaired drivers
- ☐ Speed of vehicle traffic is too high
- ☐ Mobility impairment increases my exposure to traffic
- ☐ Other, specify:

3.0 INTERNET CONNECTIVITY & IMPACTS

3.1 [INTERNET_INTRO]

Thank you for your answers so far. The next section asks about your current internet options at your primary home. This information helps us understand implications for trip replacement activities, like teleworking and online shopping.

3.2 [INTERNET_PROVIDER]

Which of the following best describes your current residence's <u>primary</u> internet connection provider?

- o Cable
- o Fiber optic
- o DSL from landline phone company
- o Mobile phone provider (for example: LTE, 4G, 5G)
- o Fixed wireless provider (for example: point-to-point antenna)
- o Other
- o Internet service is not available at my current residence location
- o Internet service is available, but my household chooses not to subscribe

3.3 [SPEED_SAT]

If primary residence has internet service

Please rate your agreement with the following statement:

My household is satisfied with the <u>speed</u> of our home internet service.

- o Strongly agree
- o Somewhat agree
- o Neutral
- o Somewhat disagree
- o Strongly disagree
- o Don't know

3.4 [RELIABILITY_SAT]

If primary residence has internet service

Please rate your agreement with the following statement:

My household is satisfied with the <u>reliability</u> of our home internet service (i.e., reliable connection to the internet).

- o Strongly agree
- o Somewhat agree
- o Neutral
- o Somewhat disagree
- o Strongly disagree
- o Don't know

3.5 [DELIVERY]

Does your household currently pay for any of the following e-delivery programs?

Select all that apply.

- ☐ Retail 'free shipping' subscription programs (for example: Amazon Prime or Walmart+)
- ☐ Food or grocery delivery program (for example: Instacart+, HelloFresh)
- ☐ Prepared meal delivery program (for example: Uber Eats, Grubhub)
- ☐ Other delivery programs
- ☐ None of the above *clears set*

3.6 [FOOD_DELIVERY_FREQ]

In the last <u>week</u>, how many times did your household use online services for meal or grocery delivery?

- o 0 times (not at all)
- o 1
- o 2
- o 3
- o 4
- o 5 or more times

3.7 [RETAIL_DELIVERY_FREQ]

In the last <u>week</u>, how many times did your household use online shopping to order delivery of other retail goods (Amazon, Walmart+, other online stores?)

- o 0 times (not at all)
- o 1
- o 2
- o 3
- o 4
- o 5 or more times

3.8 [ONLINE_SCHOOL_FREQ]

In the last <u>week</u>, how many times did your household use online services to attend a college or university class at home?

- o 0 times (not at all)
- o 1
- o 2
- o 3
- o 4
- o 5 or more times

3.9 [TELEHEALTH_FREQ]

In the last <u>week</u>, how many times did your household use <u>online professional healthcare services</u> (virtual appointment, ask-a-nurse service, etc.)?

- o   0 times (not at all)
- o   1
- o   2
- o   3
- o   4
- o   5 or more times

3.10 [ONLINE_SERVICES_FREQ]

In the last <u>week</u>, how many times did your household use online meetings for other, <u>non-medical professional services</u> (job training, financial services, fitness class, etc.)?

- o   0 times (not at all)
- o   1
- o   2
- o   3
- o   4
- o   5 or more times

3.11 [TRAVEL_REPLACE]

If used any services or activities in the past week

If the following online services had not been available in the past week, how many times would you have traveled to that activity in-person instead?

Select all that apply.

> *Programmer: For each dropdown, populate answer options with 0 times (not at all), 1, 2, 3, 4, 5 or more times. Hide answer options that exceed the answers selected above.*

- ●   Meals or groceries *if used in past week*
- ●   Retail shopping *if used in past week*
- ●   College of university classes *if used in past week*
- ●   Health care services *if used in past week*
- ●   Other non-medical professional services (for example: training program, financial advising) *if used in past week*

4.0 NON-COMMUTE LONG DISTANCE

4.1 [LD_INTRO]

The next set of questions asks about your long-distance non-commute journeys in the past month.

4.2 [LD_FREQ]

In the previous four weeks, how many round-trip <u>non-commute</u> journeys did you make where the furthest distance was more than 50 miles from home?

Please exclude journeys to your usual place of work, if applicable.

- o   0
- o   1
- o   2
- o   3
- o   4
- o   5
- o   6
- o   7
- o   8
- o   9
- o   10
- o   More than 10
- o   Don't know

4.3 [LD_PURPOSE]

Show if long-distance journeys > 0.

In the previous four weeks, how many round-trip journeys did you make for each of the following purposes where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys. The total must not exceed <n> trips. Please enter "0" for any categories that do not apply.

Programmer: Provide numeric entry box next to each answer option. For each purpose, respondent can enter 0 –30 trips. Total trips below should meet the number of trips selected

in prior question unless respondent selected more than 10 trips then they can enter up to 30 trips total. Include sum box at the bottom.

— Leisure, recreation, or vacation

— Social (for example: visit family or friends)

— Personal business (for example: medical, financial)

— Work or business (for example: meeting, conference)

— Attend college or university

— Other purposes

4.4   [RECENT_LD_INTRO]

Show if long-distance journeys > 0.

The next set of questions ask about your <u>most recent</u> long-distance non-commute journey.

4.5   [LD_DEST]

Show if long-distance journeys > 0.

Where was the destination of your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

Programmer: Show geocoder.

4.6   [LD_PURPOSE]

Show if long-distance journeys > 0.

What was the purpose of your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

- Leisure, recreation, or vacation
- Social (for example: visit family or friends)
- Personal business (for example: medical, financial)
- Work or business (for example: meeting, conference)

- Attend college or university
- Other purpose

4.7 [LD_MODE]

Show if long-distance journeys > 0.

What was the mode of travel for <u>most of the distance</u> on your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

o My own vehicle (for example: car, truck, RV)
o Another vehicle (for example: rental car, company car, friend's car)
o Bus
o Rail
o Airplane
o Other mode

4.8 [LD_NUM_TRAVELERS]

Show if long-distance journeys > 0.

How many <u>OTHER</u> people traveled with you on your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

o 0 (I traveled alone)
o 1 other person
o 2 other people
o 3 or more other people

4.9 [LD_DEPART_DATE]

Show if long-distance journeys > 0.

When did you <u>depart</u> for your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

    Programmer: Show respondent calendar picker.

4.10 [LD_RETURN_DATE]

Show if long-distance journeys > 0.

When did you <u>return</u> from your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

Programmer: Show respondent calendar picker ld_return_date must be after or the same as ld_depart_date.

4.11 [LD_DEPART_TIME]

Show if long-distance journeys > 0.

What time did you <u>depart</u> for your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

- o Midnight – 3:00 a.m.
- o 3:00 a.m. – 5:59 a.m.
- o 6:00 a.m. – 8:59 a.m.
- o 9:00 a.m. – 2:59 p.m.
- o 3:00 p.m. – 5:59 p.m.
- o 6:00 p.m. – 11:59 p.m.

4.12 [LD_RETURN_TIME]

Show if long-distance journeys > 0.

What time did you <u>arrive home</u> for your most recent non-commute journey where the furthest distance was more than 50 miles from home?

Please exclude regular commute journeys.

- o Midnight – 3:00 a.m.
- o 3:00 a.m. – 5:59 a.m.
- o 6:00 a.m. – 8:59 a.m.
- o 9:00 a.m. – 2:59 p.m.
- o 3:00 p.m. – 5:59 p.m.
- o 6:00 p.m. – 11:59 p.m.

5.0 SIMPLIFIED PREFERENCES

5.1 [PREF_INTRO]

The following questions will ask you about your residential preferences and views.

5.2 [COMMUTE_PREF]

Which of the following statements is closest to your views?

- o Having a <u>reliable</u> commute time without occasional delays is most important to me.
- o Having a <u>faster</u> commute time, but with occasional delays is most important to me.
- o N/A – I don't commute to a workplace outside the home.

5.3 [CONGESTION_PREF]

Which of the following statements is closest to your views?

- o We need to build more roads and expand existing roads to accommodate increased traffic congestion resulting from new economic and population growth.
- o Building more roads and expanding existing roads will just encourage more people to drive more and may even make traffic congestion worse.

5.4 [SPEED_PREF]

On the major roads <u>nearest</u> to where you live, work, and visit frequently, would you rather the posted speed limits be:

- o Much faster
- o Faster
- o About the same
- o Slower
- o Much slower

5.5 [INVESTMENT]

Prioritizing investments in our transportation system requires allocating limited funds across many important projects.

If the total amount of available funds is represented as $100, how would you spend that $100 in your community across the following categories?

Please enter a total of $100 across the nine categories.

Programmer: Provide dollar entry next to each answer option ($0 - $100). Total must equal $100.

__ New and expanded roadways
__ Roadway safety and efficiency projects
__ Roadway maintenance projects
__ Expand transit system's geographic coverage including on-demand transit service
__ Offer more frequent transit service
__ Eliminate transit fares to grow ridership
__ Expand regional network of bike and pedestrian trails and pathways
__ Expand local, neighborhood network bike and pedestrian trails and pathways
__ Neighborhood sidewalks and crosswalks

5.6   [NEW_HOME_TYPE]

Imagine that your household is moving to a new home. Which home type would you be most likely to choose given your household's preferences and budget?

o   A detached, single-family house where I need to <u>drive </u>to shops/restaurants and have a <u>longer commute</u> to work

o   An apartment or townhouse where I have an <u>easy walk</u> to shops/restaurants have a <u>shorter commute</u> to work

5.7   [CURRENT_HOME_LOC]

What is your current home location?

o   City, downtown with a mix of offices, apartments, and shops

o   City, residential neighborhood

o   Suburban neighborhood, with a mix of houses, shops, and businesses

o   Suburban neighborhood, with houses only

o   Small town

o   Rural area

5.8   [PREF_HOME_LOC]

What is your ideal home location?

o   City, downtown with a mix of offices, apartments, and shops

o   City, residential neighborhood

o   Suburban neighborhood, with a mix of houses, shops, and businesses

- o Suburban neighborhood, with houses only
- o Small town
- o Rural area

5.9 [CURRENT_HOME_TYPE]

What is your current housing type?

- o Single-family house (detached house)
- o Townhouse (attached house)
- o Multi-family house (3 or fewer apartments)
- o Building with 3 or fewer apartments or condos
- o Building with 4 or more apartments or condos
- o Mobile home or trailer
- o Dormitory or other institutional housing
- o Other (including RV, van, boat, etc.)

5.10 [PREF_HOME_TYPE]

What is your ideal housing type?

- o Single-family house (detached house)
- o Townhouse (attached house)
- o Multi-family house (3 or fewer apartments)
- o Building with 3 or fewer apartments or condos
- o Building with 4 or more apartments or condos
- o Mobile home or trailer
- o Dormitory or other institutional housing
- o Other (including RV, van, boat, etc.)

6.0 [END]

Thank you for your participation! You may now close your browser.