

**Ipsos Public Affairs**

**Project Report for the**

**Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP)**

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Date Submitted: 5/24/2021

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# Study Design & Documentation

## 

## Introduction

Ipsos Public Affairs (Ipsos) conducted the Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP )on behalf of Texas A&M University.

This study has collected data on people’s knowledge, information sources, organizational trust, concerns, attitudes, perceptions of risk, policy choices, and investment preferences related to resilience of critical infrastructure. The study is funded by the National Science Foundation.

The survey was conducted on KnowledgePanel®, a probability-based web panel designed to be representative of the United States.

## Sample Definition, Field Period and Survey Length

The target population consisted of adults age 18 and older residing in the states of Texas as well as an additional oversample of adults age 18 and older in Harris County Texas.

Selected panel members received an email invitation to complete the survey and were asked to do so at their earliest convenience.

The survey was fielded in English and consisted of two stages: A pretest followed by a main survey. The main survey sample release consisted of a soft launch followed by a full launch. The final programmed instrument in English is shown in Appendix A.

The median completion time of the main survey was 16.11 minutes. Upon completion, qualified respondents received an entry into the KnowledgePanel sweepstakes for completing the survey.

The completion and qualification rates for the pretest and main surveys are presented below.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Field Start** | **Field End** | **N Fielded** | **N Completed** | **Completion Rate** | **N Qualified** | **Qualification Rate** |
| **Pretest** | 4/20/2021 | 4/22/2021 | 100 | 41 | 41% | 25 | 100% |
| **Main sample: Texas** | 4/26/2021 | 5/6/2021 | 1200 | 617 | 51% | 610\* | 98% |
| **Augment Sample: Harris county, TX** | 4/26/2021 | 5/14/2021 | 325 | 211 | 65% | 210\* | 99% |
| **All Sample: main plus augment** | 4/26/2021 | 5/14/2021 | 1585 | 828 | 52% | 820 | 99% |

## Survey Cooperation Enhancements

As standard with KnowledgePanel surveys, email reminders were sent to non-responders on Day 3 of the field period. Additional reminders were sent to any remaining non-responders on Days 5 and 8 of the field period.

## Data File Deliverables and Descriptions

For each survey, Ipsos prepared and delivered fully-formatted Stata. datasets containing the survey and demographic data with the appropriate variable and value labels. The table below shows the final Pretest and Main survey files delivered:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Delivery Date** | **File Type** | **File Name** | **File Size** | **N Records** |
| 04/21/2021 | STATA | 24005\_CRISP Pretest 21APR2021 STATA.zip | 133kb | 35 |
| 02/01/2021 | STATA | 24063\_CRISP MAIN 14MAY2021 weighted Final STATA.zip | 2141kb | 820 |

In addition to the survey variables from the Main interview, Ipsos’ standard demographic profile variables and a series of data processing variables created by Ipsos were provided in the data file. The following table shows the name and description of all variables included in the Main survey dataset.

|  |  |
| --- | --- |
| **Name** | **Label** |
| StartDate | Start Date |
| EndDate | End Date |
| Status | Response Type |
| Progress | Progress |
| Duration\_\_in\_seconds\_ | Duration (in seconds) |
| Finished | Finished |
| RecordedDate | Recorded Date |
| ResponseId | Response ID |
| DistributionChannel | Distribution Channel |
| UserLanguage | User Language |
| Test\_xcrisp | xcrisp |
| Test\_xzip | xzip0-99999 |
| Test\_xfips | xfips 0-99999 |
| Test\_xtract | xtract 0-999999 |
| Shell\_Lang | Hide Ques |
| Default Translation in study - DO NOT DELETE |  |
| INS\_RI | Shell Insertions - Respondent Instructions |
| INS\_ShellSpecific | Shell Insertions - Others / Project Specific Insertions |
| BrowserInfo\_Browser | Browser Meta Info - Browser |
| BrowserInfo\_Version | Browser Meta Info - Version |
| BrowserInfo\_Operating\_System | Browser Meta Info - Operating System |
| BrowserInfo\_Resolution | Browser Meta Info - Resolution |
| Sample\_Type | Hide QuesDOV\_SAMPLE |
| QGENDER\_Time\_First\_Click | Timing - First Click |
| QGENDER\_Time\_Last\_Click | Timing - Last Click |
| QGENDER\_Time\_Page\_Submit | Timing - Page Submit |
| QGENDER\_Time\_Click\_Count | Timing - Click Count |
| QGENDER | Are you…? [Field-RI\_DD] |
| Your answer will help represent the entire U.S. population and will be kept confidential. Thank you! |  |
| AGECONS\_Time\_First\_Click | Timing - First Click |
| AGECONS\_Time\_Last\_Click | Timing - Last Click |
| AGECONS\_Time\_Page\_Submit | Timing - Page Submit |
| AGECONS\_Time\_Click\_Count | Timing - Click Count |
| AGECONS | How old are you? Type in your age.years old Your answer will help represent the entire U.S. population and will be kept confidential. Thank you! |
| QRACE1\_\_Time\_First\_Click | Timing - First Click |
| QRACE1\_\_Time\_Last\_Click | Timing - Last Click |
| QRACE1\_\_Time\_Page\_Submit | Timing - Page Submit |
| QRACE1\_\_Time\_Click\_Count | Timing - Click Count |
| QRACE1\_1 | Are you Spanish, Hispanic, or Latino? Selected Choice No, I am not |
| QRACE1\_2 | Are you Spanish, Hispanic, or Latino? Selected Choice Yes, Mexican, Mexican-American, Chican |
| QRACE1\_3 | Are you Spanish, Hispanic, or Latino? Selected Choice Yes, Puerto Rican |
| QRACE1\_4 | Are you Spanish, Hispanic, or Latino? Selected Choice Yes, Cuban, Cuban American |
| QRACE1\_8 | Are you Spanish, Hispanic, or Latino? Selected Choice Yes, other Spanish, Hispanic, or Latino group (Please specify, for example Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on) |
| QRACE1\_8\_TEXT | Are you Spanish, Hispanic, or Latino? Yes, other Spanish, Hispanic, or Latino group (Please specify, for example Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on) - Text |
| QRACE1a\_Time\_First\_Click | Timing - First Click |
| QRACE1a\_Time\_Last\_Click | Timing - Last Click |
| QRACE1a\_Time\_Page\_Submit | Timing - Page Submit |
| QRACE1a\_Time\_Click\_Count | Timing - Click Count |
| QRACE1a | Which group do you identify with most closely? [Field-RI\_DD] Your answer will help represent the entire U.S. population and will be kept confidential. Thank you! |
| QRACE2INTRO\_Time\_First\_Click | Timing - First Click |
| QRACE2INTRO\_Time\_Last\_Click | Timing - Last Click |
| QRACE2INTRO\_Time\_Page\_Submit | Timing - Page Submit |
| QRACE2INTRO\_Time\_Click\_Count | Timing - Click Count |
| CPSRACE\_1 | Please choose one or more race(s) that you consider yourself to be. Selected Choice White |
| CPSRACE\_2 | Please choose one or more race(s) that you consider yourself to be. Selected Choice Black or African American |
| CPSRACE\_3 | Please choose one or more race(s) that you consider yourself to be. Selected Choice American Indian or Alaska Native |
| CPSRACE\_4 | Please choose one or more race(s) that you consider yourself to be. Selected Choice Asian |
| CPSRACE\_5 | Please choose one or more race(s) that you consider yourself to be. Selected Choice Native Hawaiian or other Pacific Islander |
| CPSRACE\_6 | Please choose one or more race(s) that you consider yourself to be. Selected Choice Some other race … |
| CPSRACE\_6\_TEXT | Please choose one or more race(s) that you consider yourself to be. Some other race … - Text |
| CPSASIAN\_Time\_First\_Click | Timing - First Click |
| CPSASIAN\_Time\_Last\_Click | Timing - Last Click |
| CPSASIAN\_Time\_Page\_Submit | Timing - Page Submit |
| CPSASIAN\_Time\_Click\_Count | Timing - Click Count |
| CPSASIAN\_1 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Asian Indian |
| CPSASIAN\_2 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Chinese |
| CPSASIAN\_3 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Filipino |
| CPSASIAN\_4 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Japanese |
| CPSASIAN\_5 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Korean |
| CPSASIAN\_6 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Vietnamese |
| CPSASIAN\_7 | Which of the following Asian groups are you? [Field-RI\_MA] - Selected Choice Other Asian (Please specify, for example Hmong, Laotian, Thai, Pakistani, Cambodian, and so on) … |
| CPSASIAN\_7\_TEXT | Which of the following Asian groups are you? [Field-RI\_MA] - Other Asian (Please specify, for example Hmong, Laotian, Thai, Pakistani, Cambodian, and so on) … - Text |
| CPSNHPI\_Time\_First\_Click | Timing - First Click |
| CPSNHPI\_Time\_Last\_Click | Timing - Last Click |
| CPSNHPI\_Time\_Page\_Submit | Timing - Page Submit |
| CPSNHPI\_Time\_Click\_Count | Timing - Click Count |
| CPSNHPI\_1 | Which of the following Native Hawaiian or Other Pacific Islander groups are you? [Field-RI\_MA] - Selected Choice Native Hawaiian |
| CPSNHPI\_2 | Which of the following Native Hawaiian or Other Pacific Islander groups are you? [Field-RI\_MA] - Selected Choice Guamanian or Chamorro |
| CPSNHPI\_3 | Which of the following Native Hawaiian or Other Pacific Islander groups are you? [Field-RI\_MA] - Selected Choice Samoan |
| CPSNHPI\_4 | Which of the following Native Hawaiian or Other Pacific Islander groups are you? [Field-RI\_MA] - Selected Choice Other Pacific Islander (Please specify, for example Fijian, Tongan, and so on) |
| CPSNHPI\_4\_TEXT | Which of the following Native Hawaiian or Other Pacific Islander groups are you? [Field-RI\_MA] - Other Pacific Islander (Please specify, for example Fijian, Tongan, and so on) - Text |
| QACSLAN1\_Time\_First\_Click | Timing - First Click |
| QACSLAN1\_Time\_Last\_Click | Timing - Last Click |
| QACSLAN1\_Time\_Page\_Submit | Timing - Page Submit |
| QACSLAN1\_Time\_Click\_Count | Timing - Click Count |
| QACSLAN1 | Do you speak a language other than English at home? [Field-RI\_DD] |
| QACSLAN2\_Time\_First\_Click | Timing - First Click |
| QACSLAN2\_Time\_Last\_Click | Timing - Last Click |
| QACSLAN2\_Time\_Page\_Submit | Timing - Page Submit |
| QACSLAN2\_Time\_Click\_Count | Timing - Click Count |
| QACSLAN2\_1 | What language do you speak at home other than English? [Field-RI\_MA] Spanish |
| QACSLAN2\_2 | What language do you speak at home other than English? [Field-RI\_MA] Chinese (any dialect) |
| QACSLAN2\_3 | What language do you speak at home other than English? [Field-RI\_MA] Tagalog |
| QACSLAN2\_4 | What language do you speak at home other than English? [Field-RI\_MA] Vietnamese |
| QACSLAN2\_5 | What language do you speak at home other than English? [Field-RI\_MA] French |
| QACSLAN2\_6 | What language do you speak at home other than English? [Field-RI\_MA] German |
| QACSLAN2\_7 | What language do you speak at home other than English? [Field-RI\_MA] Another language |
| QACSLAN3\_Time\_First\_Click | Timing - First Click |
| QACSLAN3\_Time\_Last\_Click | Timing - Last Click |
| QACSLAN3\_Time\_Page\_Submit | Timing - Page Submit |
| QACSLAN3\_Time\_Click\_Count | Timing - Click Count |
| QACSLAN3 | How well do you speak English? [Field-RI\_DD] |
| dov\_qacslang | Hide Ques |
| DOV\_ACSLANG |  |
| QEDUC\_Time\_First\_Click | Timing - First Click |
| QEDUC\_Time\_Last\_Click | Timing - Last Click |
| QEDUC\_Time\_Page\_Submit | Timing - Page Submit |
| QEDUC\_Time\_Click\_Count | Timing - Click Count |
| QEDUC | What is the highest level of school you have completed? [Field-RI\_DD] |
| QEDUCa\_Time\_First\_Click | Timing - First Click |
| QEDUCa\_Time\_Last\_Click | Timing - Last Click |
| QEDUCa\_Time\_Page\_Submit | Timing - Page Submit |
| QEDUCa\_Time\_Click\_Count | Timing - Click Count |
| QEDUCa | What is the highest level of school you have completed? [Field-RI\_DD] |
| QINC\_Time\_First\_Click | Timing - First Click |
| QINC\_Time\_Last\_Click | Timing - Last Click |
| QINC\_Time\_Page\_Submit | Timing - Page Submit |
| QINC\_Time\_Click\_Count | Timing - Click Count |
| QINC | How much is the combined income of all members of YOUR HOUSEHOLD for the PAST 12 MONTHS? |
| QINC2\_Time\_First\_Click | Timing - First Click |
| QINC2\_Time\_Last\_Click | Timing - Last Click |
| QINC2\_Time\_Page\_Submit | Timing - Page Submit |
| QINC2\_Time\_Click\_Count | Timing - Click Count |
| QINC2 | We would like to get a better estimate of your total HOUSEHOLD income in the past 12 months before taxes. Was it... [Field-RI\_DD] |
| Your answer will help represent the entire U.S. population and will be kept confidential. Thank you! |  |
| QINC3\_Time\_First\_Click | Timing - First Click |
| QINC3\_Time\_Last\_Click | Timing - Last Click |
| QINC3\_Time\_Page\_Submit | Timing - Page Submit |
| QINC3\_Time\_Click\_Count | Timing - Click Count |
| QINC3 | We would like to get a better estimate of your total HOUSEHOLD income in the past 12 months before taxes. Was it... |
| QMARIT\_Time\_First\_Click | Timing - First Click |
| QMARIT\_Time\_Last\_Click | Timing - Last Click |
| QMARIT\_Time\_Page\_Submit | Timing - Page Submit |
| QMARIT\_Time\_Click\_Count | Timing - Click Count |
| QMARIT | Are you now...? [Field-RI\_DD] |
| QPRTNR\_Time\_First\_Click | Timing - First Click |
| QPRTNR\_Time\_Last\_Click | Timing - Last Click |
| QPRTNR\_Time\_Page\_Submit | Timing - Page Submit |
| QPRTNR\_Time\_Click\_Count | Timing - Click Count |
| QPRTNR | Are you currently living with a partner to whom you are not married? [Field-RI\_DD] |
| QHEAD\_Time\_First\_Click | Timing - First Click |
| QHEAD\_Time\_Last\_Click | Timing - Last Click |
| QHEAD\_Time\_Page\_Submit | Timing - Page Submit |
| QHEAD\_Time\_Click\_Count | Timing - Click Count |
| QHEAD | Is your residence in… [Field-RI\_DD] |
| DOV\_PPHHHEAD | Hide Ques |
| PPHHHEAD - Household head |  |
| QHHSIZE\_adults\_Time\_First\_Click | Timing - First Click |
| QHHSIZE\_adults\_Time\_Last\_Click | Timing - Last Click |
| QHHSIZE\_adults\_Time\_Page\_Submit | Timing - Page Submit |
| QHHSIZE\_adults\_Time\_Click\_Count | Timing - Click Count |
| QHHSIZE\_adults | Including yourself, how many people are 18 years of age or older and currently live in your household at least 50% of the time? |
| QHHSIZE\_kids | Next, how many people are 17 years of age or younger and currently live in your household at least 50% of the time? If none, enter “0”. |
| DOV\_PPT18OV | DOV\_PPT18OV - Total number of HH members age 18 or older |
| DOV\_PPKID017 | DOV\_PPKID017 - Household Members Age 0 to 17 |
| DOV\_QHHSIZE | DOV\_QHHSIZE - Total No of Household members |
| QAGEGROUP\_Time\_First\_Click | Timing - First Click |
| QAGEGROUP\_Time\_Last\_Click | Timing - Last Click |
| QAGEGROUP\_Time\_Page\_Submit | Timing - Page Submit |
| QAGEGROUP\_Time\_Click\_Count | Timing - Click Count |
| QAGEGROUP\_1\_1 | How many members are there in each age group in your household? Type in the number for the answer. Please review your response, The total must be less than or equal to [QID135-ChoiceTextEntryValue] - 0 to 1 year old - Click to write Scale point 1 |
| QAGEGROUP\_2\_1 | How many members are there in each age group in your household? Type in the number for the answer. Please review your response, The total must be less than or equal to [QID135-ChoiceTextEntryValue] - 2 to 5 years old - Click to write Scale point 1 |
| QAGEGROUP\_3\_1 | How many members are there in each age group in your household? Type in the number for the answer. Please review your response, The total must be less than or equal to [QID135-ChoiceTextEntryValue] - 6 to 9 years old - Click to write Scale point 1 |
| QAGEGROUP\_4\_1 | How many members are there in each age group in your household? Type in the number for the answer. Please review your response, The total must be less than or equal to [QID135-ChoiceTextEntryValue] - 10 to 12 years old - Click to write Scale point 1 |
| QAGEGROUP\_5\_1 | How many members are there in each age group in your household? Type in the number for the answer. Please review your response, The total must be less than or equal to [QID135-ChoiceTextEntryValue] - 13 to 17 years old - Click to write Scale point 1 |
| E100\_Time\_First\_Click | Timing - First Click |
| E100\_Time\_Last\_Click | Timing - Last Click |
| E100\_Time\_Page\_Submit | Timing - Page Submit |
| E100\_Time\_Click\_Count | Timing - Click Count |
| E100\_1 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Employed full time (35 hours or more per week) for pay with an organization or company |
| E100\_2 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Employed part time (less than 35 hours per week) for pay with an organization or company |
| E100\_3 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Self-employed full time (35 hours or more per week) |
| E100\_4 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Self-employed part time (less than 35 hours per week) |
| DOV\_EMPLOYED | Hide Ques |
| E102\_Time\_First\_Click | Timing - First Click |
| E102\_Time\_Last\_Click | Timing - Last Click |
| E102\_Time\_Page\_Submit | Timing - Page Submit |
| E102\_Time\_Click\_Count | Timing - Click Count |
| E102\_1 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Looking for work |
| E102\_2 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Unable to work due to a disability |
| E102\_3 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - On temporary layoff from a job |
| E104\_Time\_First\_Click | Timing - First Click |
| E104\_Time\_Last\_Click | Timing - Last Click |
| E104\_Time\_Page\_Submit | Timing - Page Submit |
| E104\_Time\_Click\_Count | Timing - Click Count |
| E104\_1 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Retired |
| E104\_2 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - A student |
| E104\_3 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - A stay-at-home spouse or partner |
| E104\_4 | Do any of the following currently describe you? [Field-RI\_SA\_GRID] - Working in an unpaid job, such as an internship or volunteer position |
| DOV\_PPWORK | Hide Ques |
| QEMPLOY\_Timer\_First\_Click | Timing - First Click |
| QEMPLOY\_Timer\_Last\_Click | Timing - Last Click |
| QEMPLOY\_Timer\_Page\_Submit | Timing - Page Submit |
| QEMPLOY\_Timer\_Click\_Count | Timing - Click Count |
| QEMPLOY | How many hours do you usually work for pay or profit per week? Please include hours you work for pay or profit at all your jobs if you have more than one job. If none, enter “0”. If less than an hour in a week, enter “1”. [Field-RI\_NO] Hours per week |
| DOV\_PPEMPLOY | DOV\_PPEMPLOY - Current employment status |
| QOWN\_Time\_First\_Click | Timing - First Click |
| QOWN\_Time\_Last\_Click | Timing - Last Click |
| QOWN\_Time\_Page\_Submit | Timing - Page Submit |
| QOWN\_Time\_Click\_Count | Timing - Click Count |
| QOWN | Are your living quarters… [Field-RI\_DD] |
| QHOUSE\_Time\_First\_Click | Timing - First Click |
| QHOUSE\_Time\_Last\_Click | Timing - Last Click |
| QHOUSE\_Time\_Page\_Submit | Timing - Page Submit |
| QHOUSE\_Time\_Click\_Count | Timing - Click Count |
| QHOUSE | Which best describes the building where you live? [Field-RI\_DD] |
| QSTATE\_Time\_First\_Click | Timing - First Click |
| QSTATE\_Time\_Last\_Click | Timing - Last Click |
| QSTATE\_Time\_Page\_Submit | Timing - Page Submit |
| QSTATE\_Time\_Click\_Count | Timing - Click Count |
| QSTATE | In which state do you live? [Field-RI\_DD] |
| QZIP\_Time\_First\_Click | Timing - First Click |
| QZIP\_Time\_Last\_Click | Timing - Last Click |
| QZIP\_Time\_Page\_Submit | Timing - Page Submit |
| QZIP\_Time\_Click\_Count | Timing - Click Count |
| QZIP | What is the ZIP Code where you live? |
| Zip\_db\_1 | Zipcode Database Values - dmaname |
| Zip\_db\_2 | Zipcode Database Values - ppdma |
| Zip\_db\_3 | Zipcode Database Values - msacat |
| Zip\_db\_4 | Zipcode Database Values - zip |
| DOV\_PPMSACAT | SCREEN - ONLY FOR TESTING |
| QADOPT\_TIme\_First\_Click | Timing - First Click |
| QADOPT\_TIme\_Last\_Click | Timing - Last Click |
| QADOPT\_TIme\_Page\_Submit | Timing - Page Submit |
| QADOPT\_TIme\_Click\_Count | Timing - Click Count |
| QADOPT\_1 | How much do the following statements describe you? [Field-RI\_SA\_GRID] - I usually try new products before other people |
| QADOPT\_2 | How much do the following statements describe you? [Field-RI\_SA\_GRID] - I often try new brands because I like variety and get bored with the same old thing |
| QADOPT\_3 | How much do the following statements describe you? [Field-RI\_SA\_GRID] - When I shop I look for what is new |
| QADOPT\_4 | How much do the following statements describe you? [Field-RI\_SA\_GRID] - I like to be the first among my friends and family to try something new |
| QADOPT\_5 | How much do the following statements describe you? [Field-RI\_SA\_GRID] - I like to tell others about new brands or technology |
| QCP0003\_Time\_First\_Click | Timing - First Click |
| QCP0003\_Time\_Last\_Click | Timing - Last Click |
| QCP0003\_Time\_Page\_Submit | Timing - Page Submit |
| QCP0003\_Time\_Click\_Count | Timing - Click Count |
| QCP0003 | Approximately, how many hours of television do you watch on an average day? Type in the number for the answer.Enter # hours |
| QCP0005\_Time\_First\_Click | Timing - First Click |
| QCP0005\_Time\_Last\_Click | Timing - Last Click |
| QCP0005\_Time\_Page\_Submit | Timing - Page Submit |
| QCP0005\_Time\_Click\_Count | Timing - Click Count |
| QCP0005 | In a typical week, about how many hours do you spend on the Internet for personal use? If none, enter “0”. If less than an hour in a week, enter “1”. Type in the number for the answer. hours spent on the Internet for personal use |
| QCP0007\_Time\_First\_Click | Timing - First Click |
| QCP0007\_Time\_Last\_Click | Timing - Last Click |
| QCP0007\_Time\_Page\_Submit | Timing - Page Submit |
| QCP0007\_Time\_Click\_Count | Timing - Click Count |
| QCP0007 | How often, if at all, have you used the Internet to express your opinions about POLITICAL or COMMUNITY issues within the last 12 months? [Field-RI\_DD] |
| QCP0017\_Time\_First\_Click | Timing - First Click |
| QCP0017\_Time\_Last\_Click | Timing - Last Click |
| QCP0017\_Time\_Page\_Submit | Timing - Page Submit |
| QCP0017\_Time\_Click\_Count | Timing - Click Count |
| QCP0017\_1 | How much does the following statement describe you? [Field-RI\_DD] - I usually try new products before other people. |
| ADDRESS\_1\_Timer\_First\_Click | Timing - First Click |
| ADDRESS\_1\_Timer\_Last\_Click | Timing - Last Click |
| ADDRESS\_1\_Timer\_Page\_Submit | Timing - Page Submit |
| ADDRESS\_1\_Timer\_Click\_Count | Timing - Click Count |
| ADDRESS\_1\_1\_1\_1 | Thanks so much for your participation in our survey. As a token of our appreciation, we would lik... - Click to write Column 1 - First name - Answer 1 |
| ADDRESS\_1\_2\_1\_1 | Thanks so much for your participation in our survey. As a token of our appreciation, we would lik... - Click to write Column 1 - Last name - Answer 1 |
| ADDRESS\_1\_3\_1\_1 | Thanks so much for your participation in our survey. As a token of our appreciation, we would lik... - Click to write Column 1 - Street address |
| / P.O. box - Answer 1 |  |
| ADDRESS\_1\_4\_1\_1 | Thanks so much for your participation in our survey. As a token of our appreciation, we would lik... - Click to write Column 1 - Apartment / Suite - Answer 1 |
| ADDRESS\_1\_5\_1\_1 | Thanks so much for your participation in our survey. As a token of our appreciation, we would lik... - Click to write Column 1 - City - Answer 1 |
| ADDRESS\_1\_State\_1\_1 | State - Click to write Column 1 - State |
| ADDRESS\_1\_zip\_mail\_1\_1\_1 | zip and Mail - Click to write Column 1 - Zip code - Answer 1 |
| ADDRESS\_1\_zip\_mail\_2\_1\_1 | zip and Mail - Click to write Column 1 - E-mail - Answer 1 |
| ADDR\_VER\_Timer\_First\_Click | Timing - First Click |
| ADDR\_VER\_Timer\_Last\_Click | Timing - Last Click |
| ADDR\_VER\_Timer\_Page\_Submit | Timing - Page Submit |
| ADDR\_VER\_Timer\_Click\_Count | Timing - Click Count |
| ADDR\_VER | Here is your name and address information as you entered it on the previous screen. |
| DOV\_PPAGECT4 |  |
| DOV\_PPAGECAT | Hide Ques |
| DOV\_PPHISPAN | Hide Ques |
| DOV\_PPETHM - Census Ethnicity demographic |  |
| DOV\_PPEDUC |  |
| DOV\_PPEDUCAT | SCREEN - ONLY FOR TESTING |
| DOV\_PPEDUC5 - Education - categorical |  |
| DOV\_PPINCIMP |  |
| DOV\_PPINC7 - HH income |  |
| DOV\_PPMARIT |  |
| DOV\_PPMARIT5 | Hide Ques |
| DOV\_PPMARIT5 - Marital Status |  |
| DOV\_PPHOUSE4 - Housing Type |  |
| DOV\_PPRENT - Home is owned or rented |  |
| DOV\_PPREG4 - U.S. Census Region 4 |  |
| DOV\_PPREG9 - Region 9 – Based on State of residence |  |
| DOV\_ADOPT1 - I usually try new products before other people |  |
| DOV\_ADOPT2 - I often try new brands because I like variety and get bored with the same old thing |  |
| DOV\_ADOPT3 - When I shop I look for what is new |  |
| DOV\_ADOPT4 - I like to be the first among my friends and family to try something new |  |
| DOV\_ADOPT5 - I like to tell others about new brands or technology |  |
| DOV\_CP0003 | Hide Ques |
| DOV\_CP0005 | Hide Ques |
| DOV\_CP0007 | Hide Ques |
| DOV\_CP0017 | Hide Ques |
| Disp1\_Timer\_First\_Click | Timing - First Click |
| Disp1\_Timer\_Last\_Click | Timing - Last Click |
| Disp1\_Timer\_Page\_Submit | Timing - Page Submit |
| Disp1\_Timer\_Click\_Count | Timing - Click Count |
| S1\_Timer\_First\_Click | Timing - First Click |
| S1\_Timer\_Last\_Click | Timing - Last Click |
| S1\_Timer\_Page\_Submit | Timing - Page Submit |
| S1\_Timer\_Click\_Count | Timing - Click Count |
| S1 | Are you a resident of Texas? [Field-RI\_DD] |
| S1\_term\_Timer\_First\_Click | Timing - First Click |
| S1\_term\_Timer\_Last\_Click | Timing - Last Click |
| S1\_term\_Timer\_Page\_Submit | Timing - Page Submit |
| S1\_term\_Timer\_Click\_Count | Timing - Click Count |
| S2\_Timer\_First\_Click | Timing - First Click |
| S2\_Timer\_Last\_Click | Timing - Last Click |
| S2\_Timer\_Page\_Submit | Timing - Page Submit |
| S2\_Timer\_Click\_Count | Timing - Click Count |
| S2 | Do you currently reside in Harris County? [Field-RI\_DD] |
| S2\_Term\_Timer\_First\_Click | Timing - First Click |
| S2\_Term\_Timer\_Last\_Click | Timing - Last Click |
| S2\_Term\_Timer\_Page\_Submit | Timing - Page Submit |
| S2\_Term\_Timer\_Click\_Count | Timing - Click Count |
| S3\_Timer\_First\_Click | Timing - First Click |
| S3\_Timer\_Last\_Click | Timing - Last Click |
| S3\_Timer\_Page\_Submit | Timing - Page Submit |
| S3\_Timer\_Click\_Count | Timing - Click Count |
| S3 | What is your zip code? [Field-RI\_NO] |
| S3\_Term\_Timer\_First\_Click | Timing - First Click |
| S3\_Term\_Timer\_Last\_Click | Timing - Last Click |
| S3\_Term\_Timer\_Page\_Submit | Timing - Page Submit |
| S3\_Term\_Timer\_Click\_Count | Timing - Click Count |
| DOV\_PPMSACAT |  |
| Q1\_Timer\_First\_Click | Timing - First Click |
| Q1\_Timer\_Last\_Click | Timing - Last Click |
| Q1\_Timer\_Page\_Submit | Timing - Page Submit |
| Q1\_Timer\_Click\_Count | Timing - Click Count |
| Q1\_1 | How concerned are you about the following public issues facing Texas today? - Economic growth |
| Q1\_2 | How concerned are you about the following public issues facing Texas today? - Income inequality |
| Q1\_3 | How concerned are you about the following public issues facing Texas today? - Government spending |
| Q1\_4 | How concerned are you about the following public issues facing Texas today? - Immigration |
| Q1\_5 | How concerned are you about the following public issues facing Texas today? - Pollution |
| Q1\_6 | How concerned are you about the following public issues facing Texas today? - Energy supply |
| Q1\_7 | How concerned are you about the following public issues facing Texas today? - Health care |
| Q1\_8 | How concerned are you about the following public issues facing Texas today? - Climate change |
| Q1\_9 | How concerned are you about the following public issues facing Texas today? - National security |
| Q1\_10 | How concerned are you about the following public issues facing Texas today? - Local infrastructure |
| Q1\_11 | How concerned are you about the following public issues facing Texas today? - The environment |
| Q1\_12 | How concerned are you about the following public issues facing Texas today? - Domestic terrorism |
| Q1\_13 | How concerned are you about the following public issues facing Texas today? - Pandemics |
| Q1\_DO\_Q1\_1 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_1 |
| Q1\_DO\_Q1\_2 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_2 |
| Q1\_DO\_Q1\_3 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_3 |
| Q1\_DO\_Q1\_4 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_4 |
| Q1\_DO\_Q1\_5 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_5 |
| Q1\_DO\_Q1\_6 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_6 |
| Q1\_DO\_Q1\_7 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_7 |
| Q1\_DO\_Q1\_8 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_8 |
| Q1\_DO\_Q1\_9 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_9 |
| Q1\_DO\_Q1\_10 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_10 |
| Q1\_DO\_Q1\_11 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_11 |
| Q1\_DO\_Q1\_12 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_12 |
| Q1\_DO\_Q1\_13 | How concerned are you about the following public issues facing Texas today? - Display Order Q1\_13 |
| Q1\_ADO\_1 | How concerned are you about the following public issues facing Texas today? - Answer Display Order Not concerned at all |
| Q1\_ADO\_2 | How concerned are you about the following public issues facing Texas today? - Answer Display Order Not so concerned |
| Q1\_ADO\_3 | How concerned are you about the following public issues facing Texas today? - Answer Display Order Somewhat concerned |
| Q1\_ADO\_4 | How concerned are you about the following public issues facing Texas today? - Answer Display Order Very concerned |
| Q2\_Timer\_First\_Click | Timing - First Click |
| Q2\_Timer\_Last\_Click | Timing - Last Click |
| Q2\_Timer\_Page\_Submit | Timing - Page Submit |
| Q2\_Timer\_Click\_Count | Timing - Click Count |
| Q2\_1 | Are the following statements true or false? You may view the correct responses after you complete survey. - Bridge and road construction decisions are made primarily by private entities. |
| Q2\_2 | Are the following statements true or false? You may view the correct responses after you complete survey. - Flooding never happens outside of traditional flood plain areas. |
| Q2\_3 | Are the following statements true or false? You may view the correct responses after you complete survey. - Transportation infrastructure is important to the working of electrical power supply. |
| Q2\_4 | Are the following statements true or false? You may view the correct responses after you complete survey. - People who live in wealthier communities are more likely to lose access to everyday services during flooding. |
| Q2\_5 | Are the following statements true or false? You may view the correct responses after you complete survey. - The development of transportation systems may increase the risks of flooding. |
| Q2\_6 | Are the following statements true or false? You may view the correct responses after you complete survey. - Natural disasters are not the primary cause of damages to roads and bridges. |
| Q2\_DO\_Q2\_1 | Are the following statements true or false? You may view the correct responses after you complete survey. - Display Order Q2\_1 |
| Q2\_DO\_Q2\_2 | Are the following statements true or false? You may view the correct responses after you complete survey. - Display Order Q2\_2 |
| Q2\_DO\_Q2\_3 | Are the following statements true or false? You may view the correct responses after you complete survey. - Display Order Q2\_3 |
| Q2\_DO\_Q2\_4 | Are the following statements true or false? You may view the correct responses after you complete survey. - Display Order Q2\_4 |
| Q2\_DO\_Q2\_5 | Are the following statements true or false? You may view the correct responses after you complete survey. - Display Order Q2\_5 |
| Q2\_DO\_Q2\_6 | Are the following statements true or false? You may view the correct responses after you complete survey. - Display Order Q2\_6 |
| Q2\_ADO\_1 | Are the following statements true or false? You may view the correct responses after you complete survey. - Answer Display Order True |
| Q2\_ADO\_2 | Are the following statements true or false? You may view the correct responses after you complete survey. - Answer Display Order False |
| Q2\_ADO\_3 | Are the following statements true or false? You may view the correct responses after you complete survey. - Answer Display Order Don’t Know |
| Q3\_Timer\_First\_Click | Timing - First Click |
| Q3\_Timer\_Last\_Click | Timing - Last Click |
| Q3\_Timer\_Page\_Submit | Timing - Page Submit |
| Q3\_Timer\_Click\_Count | Timing - Click Count |
| Q3\_1 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Safety of nearby residents |
| Q3\_2 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Cost to taxpayers |
| Q3\_3 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Reduction in property damages |
| Q3\_4 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Protecting the environment |
| Q3\_5 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Proximity to your residence |
| Q3\_6 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Protecting low-income communities |
| Q3\_DO\_Q3\_1 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Display Order Q3\_1 |
| Q3\_DO\_Q3\_2 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Display Order Q3\_2 |
| Q3\_DO\_Q3\_3 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Display Order Q3\_3 |
| Q3\_DO\_Q3\_4 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Display Order Q3\_4 |
| Q3\_DO\_Q3\_5 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Display Order Q3\_5 |
| Q3\_DO\_Q3\_6 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Display Order Q3\_6 |
| Q3\_ADO\_1 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Answer Display Order Not important at all |
| Q3\_ADO\_2 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Answer Display Order Not so important |
| Q3\_ADO\_3 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Answer Display Order Somewhat important |
| Q3\_ADO\_4 | When deciding to build a new [Field-Q3], how important should each of the following criteria be? - Answer Display Order Very important |
| Q4\_Timer\_First\_Click | Timing - First Click |
| Q4\_Timer\_Last\_Click | Timing - Last Click |
| Q4\_Timer\_Page\_Submit | Timing - Page Submit |
| Q4\_Timer\_Click\_Count | Timing - Click Count |
| Q4\_1 | How reliable are the following types of infrastructure in your community? - Electrical power |
| Q4\_2 | How reliable are the following types of infrastructure in your community? - Natural gas |
| Q4\_3 | How reliable are the following types of infrastructure in your community? - Transportation |
| Q4\_4 | How reliable are the following types of infrastructure in your community? - Flood control |
| Q4\_5 | How reliable are the following types of infrastructure in your community? - Emergency response services |
| Q4\_6 | How reliable are the following types of infrastructure in your community? - Internet service |
| Q4\_7 | How reliable are the following types of infrastructure in your community? - Phone service |
| Q4\_8 | How reliable are the following types of infrastructure in your community? - Drinking water |
| Q4\_9 | How reliable are the following types of infrastructure in your community? - Wastewater management |
| Q4\_DO\_Q4\_1 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_1 |
| Q4\_DO\_Q4\_2 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_2 |
| Q4\_DO\_Q4\_3 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_3 |
| Q4\_DO\_Q4\_4 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_4 |
| Q4\_DO\_Q4\_5 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_5 |
| Q4\_DO\_Q4\_6 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_6 |
| Q4\_DO\_Q4\_7 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_7 |
| Q4\_DO\_Q4\_8 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_8 |
| Q4\_DO\_Q4\_9 | How reliable are the following types of infrastructure in your community? - Display Order Q4\_9 |
| Q4\_ADO\_1 | How reliable are the following types of infrastructure in your community? - Answer Display Order Not reliable at all |
| Q4\_ADO\_2 | How reliable are the following types of infrastructure in your community? - Answer Display Order Not so reliable |
| Q4\_ADO\_3 | How reliable are the following types of infrastructure in your community? - Answer Display Order Somewhat reliable |
| Q4\_ADO\_4 | How reliable are the following types of infrastructure in your community? - Answer Display Order Very reliable |
| Q5\_Timer\_First\_Click | Timing - First Click |
| Q5\_Timer\_Last\_Click | Timing - Last Click |
| Q5\_Timer\_Page\_Submit | Timing - Page Submit |
| Q5\_Timer\_Click\_Count | Timing - Click Count |
| Q5\_1 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Heavy rain |
| Q5\_2 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - High winds |
| Q5\_3 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Snow |
| Q5\_4 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Extreme temperatures |
| Q5\_5 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Poor design |
| Q5\_6 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Inadequate maintenance |
| Q5\_7 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Insufficient capacity |
| Q5\_8 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Old age |
| Q5\_DO\_Q5\_1 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_1 |
| Q5\_DO\_Q5\_2 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_2 |
| Q5\_DO\_Q5\_3 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_3 |
| Q5\_DO\_Q5\_4 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_4 |
| Q5\_DO\_Q5\_5 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_5 |
| Q5\_DO\_Q5\_6 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_6 |
| Q5\_DO\_Q5\_7 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_7 |
| Q5\_DO\_Q5\_8 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Display Order Q5\_8 |
| Q5\_ADO\_1 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Answer Display Order Not a problem at all |
| Q5\_ADO\_2 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Answer Display Order Not so much of a problem |
| Q5\_ADO\_3 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Answer Display Order Somewhat of a problem |
| Q5\_ADO\_4 | How much of a problem do you think the following potential causes of infrastructure disruptions are in your community? - Answer Display Order A very serious problem |
| Q6\_Timer\_First\_Click | Timing - First Click |
| Q6\_Timer\_Last\_Click | Timing - Last Click |
| Q6\_Timer\_Page\_Submit | Timing - Page Submit |
| Q6\_Timer\_Click\_Count | Timing - Click Count |
| Q6\_1 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Flooding |
| Q6\_2 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Release of untreated sewage |
| Q6\_3 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Damage to property |
| Q6\_4 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty evacuating |
| Q6\_5 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty getting to work |
| Q6\_6 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Delays in emergency response |
| Q6\_7 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty getting to a grocery store |
| Q6\_8 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty getting to a pharmacy |
| Q6\_9 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty getting to a gas station |
| Q6\_10 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty getting to health care facilities |
| Q6\_11 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Difficulty getting to social service facilities |
| Q6\_12 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Loss of electrical power |
| Q6\_13 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Loss of natural gas |
| Q6\_14 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Loss of running water |
| Q6\_15 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Loss of phone service |
| Q6\_16 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Loss of internet |
| Q6\_DO\_Q6\_1 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_1 |
| Q6\_DO\_Q6\_2 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_2 |
| Q6\_DO\_Q6\_3 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_3 |
| Q6\_DO\_Q6\_4 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_4 |
| Q6\_DO\_Q6\_5 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_5 |
| Q6\_DO\_Q6\_6 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_6 |
| Q6\_DO\_Q6\_7 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_7 |
| Q6\_DO\_Q6\_8 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_8 |
| Q6\_DO\_Q6\_9 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_9 |
| Q6\_DO\_Q6\_10 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_10 |
| Q6\_DO\_Q6\_11 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_11 |
| Q6\_DO\_Q6\_12 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_12 |
| Q6\_DO\_Q6\_13 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_13 |
| Q6\_DO\_Q6\_14 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_14 |
| Q6\_DO\_Q6\_15 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_15 |
| Q6\_DO\_Q6\_16 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Display Order Q6\_16 |
| Q6\_ADO\_1 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Answer Display Order Not likely at all |
| Q6\_ADO\_2 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Answer Display Order Not so likely |
| Q6\_ADO\_3 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Answer Display Order Somewhat likely |
| Q6\_ADO\_4 | In a storm related emergency, how likely do you think it is that each of the following will happen in your community? - Answer Display Order Very likely |
| Q7\_Timer\_First\_Click | Timing - First Click |
| Q7\_Timer\_Last\_Click | Timing - Last Click |
| Q7\_Timer\_Page\_Submit | Timing - Page Submit |
| Q7\_Timer\_Click\_Count | Timing - Click Count |
| Q7\_1\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - Grocery store[Field-snsrel\_a] - Minutes |
| Q7\_2\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - Pharmacy[Field-snsrel\_b] - Minutes |
| Q7\_3\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - Gas station[Field-snsrel\_c] - Minutes |
| Q7\_4\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - Healthcare facility[Field-snsrel\_d] - Minutes |
| Q7\_5\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - Social services[Field-snsrel\_e] - Minutes |
| Q7\_6\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - Place of work[Field-snsrel\_f] - Minutes |
| Q7\_7\_1\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 1 - School[Field-snsrel\_g] - Minutes |
| Q7\_1\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - Grocery store[Field-snsrel\_a] Not Applicable |
| Q7\_2\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - Pharmacy[Field-snsrel\_b] Not Applicable |
| Q7\_3\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - Gas station[Field-snsrel\_c] Not Applicable |
| Q7\_4\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - Healthcare facility[Field-snsrel\_d] Not Applicable |
| Q7\_5\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - Social services[Field-snsrel\_e] Not Applicable |
| Q7\_6\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - Place of work[Field-snsrel\_f] Not Applicable |
| Q7\_7\_2\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Click to write Scale Point 2 - School[Field-snsrel\_g] Not Applicable |
| Q7\_DO\_Q7\_1 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_1 |
| Q7\_DO\_Q7\_2 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_2 |
| Q7\_DO\_Q7\_3 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_3 |
| Q7\_DO\_Q7\_4 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_4 |
| Q7\_DO\_Q7\_5 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_5 |
| Q7\_DO\_Q7\_6 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_6 |
| Q7\_DO\_Q7\_7 | About how many minutes does it typically take to travel one-way between your home and the closest... - Display Order Q7\_7 |
| Q8\_Timer\_First\_Click | Timing - First Click |
| Q8\_Timer\_Last\_Click | Timing - Last Click |
| Q8\_Timer\_Page\_Submit | Timing - Page Submit |
| Q8\_Timer\_Click\_Count | Timing - Click Count |
| Q8 | To the best of your knowledge, what is the main type of storm water drainage system in your community? [Field-RI\_DD] |
| Q9\_Timer\_First\_Click | Timing - First Click |
| Q9\_Timer\_Last\_Click | Timing - Last Click |
| Q9\_Timer\_Page\_Submit | Timing - Page Submit |
| Q9\_Timer\_Click\_Count | Timing - Click Count |
| Q9 | Over the past five (5) years, have you experienced any flooding in your area? [Field-RI\_DD] |
| Q10\_Timer\_First\_Click | Timing - First Click |
| Q10\_Timer\_Last\_Click | Timing - Last Click |
| Q10\_Timer\_Page\_Submit | Timing - Page Submit |
| Q10\_Timer\_Click\_Count | Timing - Click Count |
| Q10\_1 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Grocery store[Field-snsrel\_a] |
| Q10\_2 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Pharmacy[Field-snsrel\_b] |
| Q10\_3 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Gas station[Field-snsrel\_c] |
| Q10\_4 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Healthcare facility[Field-snsrel\_d] |
| Q10\_5 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Social services[Field-snsrel\_e] |
| Q10\_6 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Place of work[Field-snsrel\_f] |
| Q10\_7 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - School[Field-snsrel\_g] |
| Q10\_DO\_Q10\_1 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_1 |
| Q10\_DO\_Q10\_2 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_2 |
| Q10\_DO\_Q10\_3 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_3 |
| Q10\_DO\_Q10\_4 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_4 |
| Q10\_DO\_Q10\_5 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_5 |
| Q10\_DO\_Q10\_6 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_6 |
| Q10\_DO\_Q10\_7 | During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood? - Display Order Q10\_7 |
| Q11\_Timer\_First\_Click | Timing - First Click |
| Q11\_Timer\_Last\_Click | Timing - Last Click |
| Q11\_Timer\_Page\_Submit | Timing - Page Submit |
| Q11\_Timer\_Click\_Count | Timing - Click Count |
| Q11\_1\_1\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 1 - Grocery store[Field-snsrel\_a] - Minutes |
| Q11\_2\_1\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 1 - Pharmacy[Field-snsrel\_b] - Minutes |
| Q11\_3\_1\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 1 - Gas station[Field-snsrel\_c] - Minutes |
| Q11\_4\_1\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 1 - Healthcare facility[Field-snsrel\_d] - Minutes |
| Q11\_1\_2\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 2 - Grocery store[Field-snsrel\_a] Alternative facility not available |
| Q11\_2\_2\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 2 - Pharmacy[Field-snsrel\_b] Alternative facility not available |
| Q11\_3\_2\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 2 - Gas station[Field-snsrel\_c] Alternative facility not available |
| Q11\_4\_2\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Click to write Scale Point 2 - Healthcare facility[Field-snsrel\_d] Alternative facility not available |
| Q11\_DO\_Q11\_1 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Display Order Q11\_1 |
| Q11\_DO\_Q11\_2 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Display Order Q11\_2 |
| Q11\_DO\_Q11\_3 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Display Order Q11\_3 |
| Q11\_DO\_Q11\_4 | If available, about how many minutes did you need to travel one-way in order to get to an alterna... - Display Order Q11\_4 |
| Q12\_Timer\_First\_Click | Timing - First Click |
| Q12\_Timer\_Last\_Click | Timing - Last Click |
| Q12\_Timer\_Page\_Submit | Timing - Page Submit |
| Q12\_Timer\_Click\_Count | Timing - Click Count |
| Q12 | Suppose there is an online public forum where local government officials are trying to gather people’s opinions about a new [Field-Q3\_13] in your community. Would you be willing to spend some time at this online forum to provide your opinions? [Field-RI\_DD] |
| Q12a\_Timer\_First\_Click | Timing - First Click |
| Q12a\_Timer\_Last\_Click | Timing - Last Click |
| Q12a\_Timer\_Page\_Submit | Timing - Page Submit |
| Q12a\_Timer\_Click\_Count | Timing - Click Count |
| Q12a | How much time would you be willing to spend there to provide your opinions? [Field-RI\_DD] |
| Q13\_Timer\_First\_Click | Timing - First Click |
| Q13\_Timer\_Last\_Click | Timing - Last Click |
| Q13\_Timer\_Page\_Submit | Timing - Page Submit |
| Q13\_Timer\_Click\_Count | Timing - Click Count |
| Q13 | Would you be willing to pay [Field-Q13] more per month on your utility bill to support a new [Field-Q3\_13] in your community? [Field-RI\_DD] |
| Q14\_Timer\_First\_Click | Timing - First Click |
| Q14\_Timer\_Last\_Click | Timing - Last Click |
| Q14\_Timer\_Page\_Submit | Timing - Page Submit |
| Q14\_Timer\_Click\_Count | Timing - Click Count |
| Q14 | Have you heard the term Public Private Partnership used to describe a public works effort in your community? Public Private Partnerships are cooperative arrangements between public organizations and businesses or nonprofits to complete a project or provide a service. [Field-RI\_DD] |
| Q15\_Timer\_First\_Click | Timing - First Click |
| Q15\_Timer\_Last\_Click | Timing - Last Click |
| Q15\_Timer\_Page\_Submit | Timing - Page Submit |
| Q15\_Timer\_Click\_Count | Timing - Click Count |
| Q15\_1 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - A government agency builds something and then sells it to a private operator. |
| Q15\_2 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - A private contractor builds something and then sells it to the government. |
| Q15\_3 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Government and a private contractor work together to fund, build, and operate an infrastructure element. |
| Q15\_4 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Government and a nonprofit work together to fund, build, and operate an infrastructure element. |
| Q15\_DO\_Q15\_1 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Display Order Q15\_1 |
| Q15\_DO\_Q15\_2 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Display Order Q15\_2 |
| Q15\_DO\_Q15\_3 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Display Order Q15\_3 |
| Q15\_DO\_Q15\_4 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Display Order Q15\_4 |
| Q15\_ADO\_1 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Answer Display Order Strongly oppose |
| Q15\_ADO\_2 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Answer Display Order Oppose |
| Q15\_ADO\_3 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Answer Display Order Neither support nor oppose |
| Q15\_ADO\_4 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Answer Display Order Support |
| Q15\_ADO\_5 | How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community? - Answer Display Order Strongly support |
| Q16\_Timer\_First\_Click | Timing - First Click |
| Q16\_Timer\_Last\_Click | Timing - Last Click |
| Q16\_Timer\_Page\_Submit | Timing - Page Submit |
| Q16\_Timer\_Click\_Count | Timing - Click Count |
| Q16\_1 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - A less expensive option |
| Q16\_2 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - A higher quality product |
| Q16\_3 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - More public participation in the decision process |
| Q16\_4 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Greater opportunities for local economic development |
| Q16\_DO\_Q16\_1 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Display Order Q16\_1 |
| Q16\_DO\_Q16\_2 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Display Order Q16\_2 |
| Q16\_DO\_Q16\_3 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Display Order Q16\_3 |
| Q16\_DO\_Q16\_4 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Display Order Q16\_4 |
| Q16\_ADO\_1 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Answer Display Order Not important at all |
| Q16\_ADO\_2 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Answer Display Order Not so important |
| Q16\_ADO\_3 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Answer Display Order Somewhat important |
| Q16\_ADO\_4 | When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following? - Answer Display Order Very important |
| Q17\_Timer\_First\_Click | Timing - First Click |
| Q17\_Timer\_Last\_Click | Timing - Last Click |
| Q17\_Timer\_Page\_Submit | Timing - Page Submit |
| Q17\_Timer\_Click\_Count | Timing - Click Count |
| Q17\_1 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - The use of Public Private Partnerships can benefit my community. |
| Q17\_2 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Local officials in my community support the use of Public Private Partnerships. |
| Q17\_3 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Private industries in my community support the use of Public Private Partnerships. |
| Q17\_4 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - The people in my community support the use of Public Private Partnerships. |
| Q17\_DO\_Q17\_1 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Display Order Q17\_1 |
| Q17\_DO\_Q17\_2 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Display Order Q17\_2 |
| Q17\_DO\_Q17\_3 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Display Order Q17\_3 |
| Q17\_DO\_Q17\_4 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Display Order Q17\_4 |
| Q17\_ADO\_1 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Answer Display Order Strongly disagree |
| Q17\_ADO\_2 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Answer Display Order Disagree |
| Q17\_ADO\_3 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Answer Display Order Neither disagree nor agree |
| Q17\_ADO\_4 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Answer Display Order Agree |
| Q17\_ADO\_5 | To what extent do you disagree or agree with the following statements about Public Private Partnerships? - Answer Display Order Strongly agree |
| Q18\_Timer\_First\_Click | Timing - First Click |
| Q18\_Timer\_Last\_Click | Timing - Last Click |
| Q18\_Timer\_Page\_Submit | Timing - Page Submit |
| Q18\_Timer\_Click\_Count | Timing - Click Count |
| Q18 | For building infrastructure in your community, would you prefer? [Field-RI\_DD] |
| Q18\_DO\_1 | For building infrastructure in your community, would you prefer? [Field-RI\_DD] - Display Order Government only |
| Q18\_DO\_2 | For building infrastructure in your community, would you prefer? [Field-RI\_DD] - Display Order Private sector only |
| Q18\_DO\_3 | For building infrastructure in your community, would you prefer? [Field-RI\_DD] - Display Order Partnership between government and the private sector |
| Q19\_Timer\_First\_Click | Timing - First Click |
| Q19\_Timer\_Last\_Click | Timing - Last Click |
| Q19\_Timer\_Page\_Submit | Timing - Page Submit |
| Q19\_Timer\_Click\_Count | Timing - Click Count |
| Q19\_1 | How much do you distrust or trust the following types of organizations? - City government |
| Q19\_2 | How much do you distrust or trust the following types of organizations? - County government |
| Q19\_3 | How much do you distrust or trust the following types of organizations? - State government |
| Q19\_4 | How much do you distrust or trust the following types of organizations? - Federal government |
| Q19\_5 | How much do you distrust or trust the following types of organizations? - Private industry |
| Q19\_6 | How much do you distrust or trust the following types of organizations? - Nonprofit organizations |
| Q19\_7 | How much do you distrust or trust the following types of organizations? - Public Private Partnerships |
| Q19\_DO\_Q19\_1 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_1 |
| Q19\_DO\_Q19\_2 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_2 |
| Q19\_DO\_Q19\_3 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_3 |
| Q19\_DO\_Q19\_4 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_4 |
| Q19\_DO\_Q19\_5 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_5 |
| Q19\_DO\_Q19\_6 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_6 |
| Q19\_DO\_Q19\_7 | How much do you distrust or trust the following types of organizations? - Display Order Q19\_7 |
| Q19\_ADO\_1 | How much do you distrust or trust the following types of organizations? - Answer Display Order Strongly distrust |
| Q19\_ADO\_2 | How much do you distrust or trust the following types of organizations? - Answer Display Order Distrust |
| Q19\_ADO\_3 | How much do you distrust or trust the following types of organizations? - Answer Display Order Neither distrust nor trust |
| Q19\_ADO\_4 | How much do you distrust or trust the following types of organizations? - Answer Display Order Trust |
| Q19\_ADO\_5 | How much do you distrust or trust the following types of organizations? - Answer Display Order Strongly trust |
| Q20\_Timer\_First\_Click | Timing - First Click |
| Q20\_Timer\_Last\_Click | Timing - Last Click |
| Q20\_Timer\_Page\_Submit | Timing - Page Submit |
| Q20\_Timer\_Click\_Count | Timing - Click Count |
| Q20\_1 | How responsible should the following types of organizations be for making policies for your community infrastructure? - City government |
| Q20\_2 | How responsible should the following types of organizations be for making policies for your community infrastructure? - County government |
| Q20\_3 | How responsible should the following types of organizations be for making policies for your community infrastructure? - State government |
| Q20\_4 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Federal government |
| Q20\_5 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Private industry |
| Q20\_6 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Nonprofit organizations |
| Q20\_7 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Public Private Partnerships |
| Q20\_DO\_Q20\_1 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_1 |
| Q20\_DO\_Q20\_2 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_2 |
| Q20\_DO\_Q20\_3 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_3 |
| Q20\_DO\_Q20\_4 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_4 |
| Q20\_DO\_Q20\_5 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_5 |
| Q20\_DO\_Q20\_6 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_6 |
| Q20\_DO\_Q20\_7 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Display Order Q20\_7 |
| Q20\_ADO\_1 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Answer Display Order Not responsible at all |
| Q20\_ADO\_2 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Answer Display Order Not so responsible |
| Q20\_ADO\_3 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Answer Display Order Somewhat responsible |
| Q20\_ADO\_4 | How responsible should the following types of organizations be for making policies for your community infrastructure? - Answer Display Order Very responsible |
| Q21\_Timer\_First\_Click | Timing - First Click |
| Q21\_Timer\_Last\_Click | Timing - Last Click |
| Q21\_Timer\_Page\_Submit | Timing - Page Submit |
| Q21\_Timer\_Click\_Count | Timing - Click Count |
| Q21\_1 | How responsible should the following types of organizations be for spending money on your community infrastructure? - City government |
| Q21\_2 | How responsible should the following types of organizations be for spending money on your community infrastructure? - County government |
| Q21\_3 | How responsible should the following types of organizations be for spending money on your community infrastructure? - State government |
| Q21\_4 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Federal government |
| Q21\_5 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Private industry |
| Q21\_6 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Nonprofit organizations |
| Q21\_7 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Public Private Partnerships |
| Q21\_DO\_Q21\_1 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_1 |
| Q21\_DO\_Q21\_2 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_2 |
| Q21\_DO\_Q21\_3 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_3 |
| Q21\_DO\_Q21\_4 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_4 |
| Q21\_DO\_Q21\_5 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_5 |
| Q21\_DO\_Q21\_6 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_6 |
| Q21\_DO\_Q21\_7 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Display Order Q21\_7 |
| Q21\_ADO\_1 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Answer Display Order Not responsible at all |
| Q21\_ADO\_2 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Answer Display Order Not so responsible |
| Q21\_ADO\_3 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Answer Display Order Somewhat responsible |
| Q21\_ADO\_4 | How responsible should the following types of organizations be for spending money on your community infrastructure? - Answer Display Order Very responsible |
| Q22\_Timer\_First\_Click | Timing - First Click |
| Q22\_Timer\_Last\_Click | Timing - Last Click |
| Q22\_Timer\_Page\_Submit | Timing - Page Submit |
| Q22\_Timer\_Click\_Count | Timing - Click Count |
| Q22\_1 | How much do you oppose or support the following policies to improve your community infrastructure? - Limit development in areas where infrastructure failures are likely |
| Q22\_2 | How much do you oppose or support the following policies to improve your community infrastructure? - Provide financial incentives for people to relocate from vulnerable areas |
| Q22\_3 | How much do you oppose or support the following policies to improve your community infrastructure? - Strengthen infrastructure design standards |
| Q22\_4 | How much do you oppose or support the following policies to improve your community infrastructure? - Strengthen building design standards |
| Q22\_5 | How much do you oppose or support the following policies to improve your community infrastructure? - Conduct more frequent maintenance on infrastructure |
| Q22\_6 | How much do you oppose or support the following policies to improve your community infrastructure? - Conduct more frequent replacement of older infrastructure |
| Q22\_7 | How much do you oppose or support the following policies to improve your community infrastructure? - Build additional infrastructure to address vulnerabilities |
| Q22\_8 | How much do you oppose or support the following policies to improve your community infrastructure? - Address identified infrastructure vulnerabilities through coordinated planning |
| Q22\_9 | How much do you oppose or support the following policies to improve your community infrastructure? - Work to engage affected stakeholders and communities in infrastructure decisions |
| Q22\_DO\_Q22\_1 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_1 |
| Q22\_DO\_Q22\_2 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_2 |
| Q22\_DO\_Q22\_3 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_3 |
| Q22\_DO\_Q22\_4 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_4 |
| Q22\_DO\_Q22\_5 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_5 |
| Q22\_DO\_Q22\_6 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_6 |
| Q22\_DO\_Q22\_7 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_7 |
| Q22\_DO\_Q22\_8 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_8 |
| Q22\_DO\_Q22\_9 | How much do you oppose or support the following policies to improve your community infrastructure? - Display Order Q22\_9 |
| Q22\_ADO\_1 | How much do you oppose or support the following policies to improve your community infrastructure? - Answer Display Order Strongly oppose |
| Q22\_ADO\_2 | How much do you oppose or support the following policies to improve your community infrastructure? - Answer Display Order Oppose |
| Q22\_ADO\_3 | How much do you oppose or support the following policies to improve your community infrastructure? - Answer Display Order Neither support nor oppose |
| Q22\_ADO\_4 | How much do you oppose or support the following policies to improve your community infrastructure? - Answer Display Order Support |
| Q22\_ADO\_5 | How much do you oppose or support the following policies to improve your community infrastructure? - Answer Display Order Strongly support |
| Q23\_Timer\_First\_Click | Timing - First Click |
| Q23\_Timer\_Last\_Click | Timing - Last Click |
| Q23\_Timer\_Page\_Submit | Timing - Page Submit |
| Q23\_Timer\_Click\_Count | Timing - Click Count |
| Q23\_1 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Government officials |
| Q23\_2 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - University researchers |
| Q23\_3 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - News media |
| Q23\_4 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Social media |
| Q23\_5 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Business leaders |
| Q23\_6 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Community meetings |
| Q23\_7 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Leaders from my political party |
| Q23\_8 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Family members |
| Q23\_9 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Friends |
| Q23\_10 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Co-workers |
| Q23\_DO\_Q23\_1 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_1 |
| Q23\_DO\_Q23\_2 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_2 |
| Q23\_DO\_Q23\_3 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_3 |
| Q23\_DO\_Q23\_4 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_4 |
| Q23\_DO\_Q23\_5 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_5 |
| Q23\_DO\_Q23\_6 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_6 |
| Q23\_DO\_Q23\_7 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_7 |
| Q23\_DO\_Q23\_8 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_8 |
| Q23\_DO\_Q23\_9 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_9 |
| Q23\_DO\_Q23\_10 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Display Order Q23\_10 |
| Q23\_ADO\_1 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Answer Display Order Not often at all |
| Q23\_ADO\_2 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Answer Display Order Not so often |
| Q23\_ADO\_3 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Answer Display Order Somewhat often |
| Q23\_ADO\_4 | How often do you normally look for information about policy issues related to infrastructure from the following sources? - Answer Display Order Very often |
| IDEO\_Timer\_First\_Click | Timing - First Click |
| IDEO\_Timer\_Last\_Click | Timing - Last Click |
| IDEO\_Timer\_Page\_Submit | Timing - Page Submit |
| IDEO\_Timer\_Click\_Count | Timing - Click Count |
| IDEO | In general, do you think of yourself as... [Field-RI\_DD] |
| QPID100\_Timer\_First\_Click | Timing - First Click |
| QPID100\_Timer\_Last\_Click | Timing - Last Click |
| QPID100\_Timer\_Page\_Submit | Timing - Page Submit |
| QPID100\_Timer\_Click\_Count | Timing - Click Count |
| QPID100 | Generally speaking, do you think of yourself as... [Field-RI\_DD] |
| QPID100\_DO\_1 | Generally speaking, do you think of yourself as... [Field-RI\_DD] - Display Order Republican |
| QPID100\_DO\_2 | Generally speaking, do you think of yourself as... [Field-RI\_DD] - Display Order Democrat |
| QPID100\_DO\_3 | Generally speaking, do you think of yourself as... [Field-RI\_DD] - Display Order Independent |
| QPID100\_DO\_6 | Generally speaking, do you think of yourself as... [Field-RI\_DD] - Display Order Something else |
| QPID110\_Timer\_First\_Click | Timing - First Click |
| QPID110\_Timer\_Last\_Click | Timing - Last Click |
| QPID110\_Timer\_Page\_Submit | Timing - Page Submit |
| QPID110\_Timer\_Click\_Count | Timing - Click Count |
| QPID110 | Would you call yourself a... [Field-RI\_DD] |
| QPID120\_Timer\_First\_Click | Timing - First Click |
| QPID120\_Timer\_Last\_Click | Timing - Last Click |
| QPID120\_Timer\_Page\_Submit | Timing - Page Submit |
| QPID120\_Timer\_Click\_Count | Timing - Click Count |
| QPID120 | Would you call yourself a... [Field-RI\_DD] |
| QPID130\_Timer\_First\_Click | Timing - First Click |
| QPID130\_Timer\_Last\_Click | Timing - Last Click |
| QPID130\_Timer\_Page\_Submit | Timing - Page Submit |
| QPID130\_Timer\_Click\_Count | Timing - Click Count |
| QPID130 | Do you think of yourself as closer to the... [Field-RI\_DD] |
| Disp2\_Timer\_First\_Click | Timing - First Click |
| Disp2\_Timer\_Last\_Click | Timing - Last Click |
| Disp2\_Timer\_Page\_Submit | Timing - Page Submit |
| Disp2\_Timer\_Click\_Count | Timing - Click Count |
| QDev\_DetType\_End | Detailed Device Type List - End of Survey |
| PPWORKA\_Timer\_First\_Click | Timing - First Click |
| PPWORKA\_Timer\_Last\_Click | Timing - Last Click |
| PPWORKA\_Timer\_Page\_Submit | Timing - Page Submit |
| PPWORKA\_Timer\_Click\_Count | Timing - Click Count |
| PPWORKA | Please indicate your work status. |
| PPINCA\_Timer\_First\_Click | Timing - First Click |
| PPINCA\_Timer\_Last\_Click | Timing - Last Click |
| PPINCA\_Timer\_Page\_Submit | Timing - Page Submit |
| PPINCA\_Timer\_Click\_Count | Timing - Click Count |
| PPINCA | Finally, how much did ALL members of your household earn in income last year? Total household income is for all people in the household from jobs, businesses, farms, rent, social security, etc. |
| QF1\_Timer\_First\_Click | Timing - First Click |
| QF1\_Timer\_Last\_Click | Timing - Last Click |
| QF1\_Timer\_Page\_Submit | Timing - Page Submit |
| QF1\_Timer\_Click\_Count | Timing - Click Count |
| survey\_version | survey\_version |
| survey\_version\_text | survey\_version\_text |
| SHELL\_TEMPLATE\_TYPE | SHELL\_TEMPLATE\_TYPE |
| mno | mno |
| sno | sno |
| ano | ano |
| scode | scode |
| list | list |
| capacity | capacity |
| returning | returning |
| baseline | baseline |
| invitetype | invitetype |
| id | id |
| xspanish | xspanish |
| grp\_type\_no | grp\_type\_no |
| im | im |
| uid | uid |
| Last\_Question | Last\_Question |
| Referer | Referer |
| Q\_URL | Q\_URL |
| UserAgent | UserAgent |
| ResponseID.0 | ResponseID |
| DeviceIdentifier | DeviceIdentifier |
| Q\_SurveyVersionID | Q\_SurveyVersionID |
| Q\_TerminateFlag | Q\_TerminateFlag |
| Q\_CHL | Q\_CHL |
| SurveyID | SurveyID |
| Device\_Type | Device\_Type |
| complete\_status | complete\_status |
| Q\_TotalDuration | Q\_TotalDuration |
| Q\_DL | Q\_DL |
| ExternalDataReference | ExternalDataReference |
| intlen | intlen |
| screenlen | screenlen |
| surveyst | surveyst |
| surveyend | surveyend |
| active\_intlen | active\_intlen |
| QFLAG | QFLAG |
| redirect\_term | redirect\_term |
| redirect\_oq | redirect\_oq |
| redirect\_qual | redirect\_qual |
| onpanel\_redirect | onpanel\_redirect |
| offpanel\_redirect | offpanel\_redirect |
| speeder\_time\_seconds | speeder\_time\_seconds |
| shell\_version | shell\_version |
| KP\_PresentInSample | KP\_PresentInSample |
| validlist | validlist |
| hideques | hideques |
| mobile\_device | mobile\_device |
| screener\_qual | screener\_qual |
| nav\_button\_click | nav\_button\_click |
| termpoint8 | termpoint8 |
| ext\_st | ext\_st |
| cf | cf |
| xurl | xurl |
| redirect\_counter | redirect\_counter |
| redirect\_study | redirect\_study |
| xcrisp | xcrisp |
| xzip | xzip |
| xfips | xfips |
| xtract | xtract |
| field\_start\_date | field\_start\_date |
| field\_start\_time | field\_start\_time |
| RI\_MA | RI\_MA |
| RI\_NO | RI\_NO |
| RI\_DD | RI\_DD |
| RI\_SA\_GRID | RI\_SA\_GRID |
| RI\_MA\_GRID | RI\_MA\_GRID |
| RI\_OE\_GRID | RI\_OE\_GRID |
| RI\_SA\_GRID\_COL | RI\_SA\_GRID\_COL |
| PROMPT\_DEFAULT | PROMPT\_DEFAULT |
| AttributeList\_Start | AttributeList\_Start |
| SurveyStartDate | SurveyStartDate |
| return\_url | return\_url |
| param1 | param1 |
| redirect\_url | redirect\_url |
| API\_message\_Start | API\_message\_Start |
| dov\_sample | dov\_sample |
| ppage | ppage |
| ppeducat | ppeducat |
| ppeduc5 | ppeduc5 |
| ppethm | ppethm |
| ppgender | ppgender |
| pphhsize | pphhsize |
| pphouse4 | pphouse4 |
| ppinc7 | ppinc7 |
| ppmarit5 | ppmarit5 |
| ppmsacat | ppmsacat |
| ppreg4 | ppreg4 |
| pprent | pprent |
| ppstaten | ppstaten |
| ppemploy | ppemploy |
| ppt18ov | ppt18ov |
| ppkid017 | ppkid017 |
| d\_type | d\_type |
| intlen\_beforescreener | intlen\_beforescreener |
| screener\_start\_time | screener\_start\_time |
| xacslang | xacslang |
| xhispan | xhispan |
| xcp0003 | xcp0003 |
| xcp0005 | xcp0005 |
| xcp0007 | xcp0007 |
| xcp0017 | xcp0017 |
| xadopt1 | xadopt1 |
| xadopt2 | xadopt2 |
| xadopt3 | xadopt3 |
| xadopt4 | xadopt4 |
| xadopt5 | xadopt5 |
| qgender\_flag | qgender\_flag |
| agecons\_flag | agecons\_flag |
| qrace\_flag | qrace\_flag |
| cpsrace\_flag | cpsrace\_flag |
| acslang\_flag | acslang\_flag |
| qeduc\_flag | qeduc\_flag |
| qinc\_flag | qinc\_flag |
| qmarit\_flag | qmarit\_flag |
| qhead\_flag | qhead\_flag |
| qhhsize\_flag | qhhsize\_flag |
| ppwork\_flag | ppwork\_flag |
| ppemploy\_flag | ppemploy\_flag |
| qown\_flag | qown\_flag |
| qhouse\_flag | qhouse\_flag |
| state\_flag | state\_flag |
| qzip\_flag | qzip\_flag |
| qadopt\_flag | qadopt\_flag |
| cp0003\_flag | cp0003\_flag |
| cp0005\_flag | cp0005\_flag |
| cp0007\_flag | cp0007\_flag |
| cp0017\_flag | cp0017\_flag |
| sweepstakes\_flag | sweepstakes\_flag |
| xhispan\_missing | xhispan\_missing |
| asian | asian |
| nhopi | nhopi |
| numraces | numraces |
| xacslang\_missing | xacslang\_missing |
| zipval | zipval |
| lookup\_valid | lookup\_valid |
| zip | zip |
| dmaname | dmaname |
| ppdma | ppdma |
| msacat | msacat |
| urb\_sub\_rur\_zip | urb\_sub\_rur\_zip |
| urban\_rural\_zip | urban\_rural\_zip |
| ppstate | ppstate |
| show\_adopt\_series | show\_adopt\_series |
| show\_qcp0003 | show\_qcp0003 |
| show\_qcp0005 | show\_qcp0005 |
| show\_qcp0007 | show\_qcp0007 |
| show\_qcp0017 | show\_qcp0017 |
| loop\_back\_conf | loop\_back\_conf |
| screener\_end\_time | screener\_end\_time |
| intlen\_beforemain | intlen\_beforemain |
| main\_start\_time | main\_start\_time |
| Q3\_ord | Q3\_ord |
| Q3 | Q3 |
| Q3\_13 | Q3\_13 |
| Q13\_ord | Q13\_ord |
| Q13.0 | Q13 |
| snsrel\_order | snsrel\_order |
| snsrel\_a | snsrel\_a |
| snsrel\_b | snsrel\_b |
| snsrel\_c | snsrel\_c |
| snsrel\_d | snsrel\_d |
| snsrel\_e | snsrel\_e |
| snsrel\_f | snsrel\_f |
| snsrel\_g | snsrel\_g |
| DOV\_zip | DOV\_zip |
| S3\_zipval | S3\_zipval |
| S3\_lookup\_valid | S3\_lookup\_valid |
| tract\_zip\_val | tract\_zip\_val |
| ppstaten\_zip\_val | ppstaten\_zip\_val |
| fips\_string\_val | fips\_string\_val |
| zip\_val | zip\_val |
| ppmsacat\_val | ppmsacat\_val |
| dov\_ppmsacat.1 | dov\_ppmsacat |
| DOV\_county | DOV\_county |
| DOV\_xtract | DOV\_xtract |
| ppstaten\_final | ppstaten\_final |
| mainlen | mainlen |
| main\_end\_time | main\_end\_time |
| completion\_date | completion\_date |
| completion\_time | completion\_time |
| interview\_timespan | interview\_timespan |
| baseRedirectURL | baseRedirectURL |
| SSTNO | SSTNO |
| AttributeList\_End | AttributeList\_End |
| API\_message\_End | API\_message\_End |
| FL\_231\_DO\_FL\_232 | FL\_231 - Block Randomizer - Display Order FL\_232 |
| FL\_231\_DO\_FL\_233 | FL\_231 - Block Randomizer - Display Order FL\_233 |
| FL\_234\_DO\_FL\_235 | FL\_234 - Block Randomizer - Display Order FL\_235 |
| FL\_234\_DO\_FL\_236 | FL\_234 - Block Randomizer - Display Order FL\_236 |
| FL\_234\_DO\_FL\_237 | FL\_234 - Block Randomizer - Display Order FL\_237 |
| FL\_240\_DO\_FL\_241 | FL\_240 - Block Randomizer - Display Order FL\_241 |
| FL\_240\_DO\_FL\_242 | FL\_240 - Block Randomizer - Display Order FL\_242 |
| FL\_240\_DO\_FL\_243 | FL\_240 - Block Randomizer - Display Order FL\_243 |
| FL\_240\_DO\_FL\_244 | FL\_240 - Block Randomizer - Display Order FL\_244 |
| FL\_240\_DO\_FL\_245 | FL\_240 - Block Randomizer - Display Order FL\_245 |
| FL\_240\_DO\_FL\_246 | FL\_240 - Block Randomizer - Display Order FL\_246 |
| FL\_240\_DO\_FL\_247 | FL\_240 - Block Randomizer - Display Order FL\_247 |
| weight1\_PID |  |
| weight2\_PID |  |
| partyid7 |  |

## 

## Key Personnel

Key personnel on the study include:

Wendy Mansfield – Senior Vice President, Research Development. W. Mansfield is based in Washington, DC.

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# Ipsos KnowledgePanel® Methodology

## Introduction

**Ipsos** is passionate about social science, health, and public policy research. We collaborate closely with our client throughout the research process, while applying rigor in every step. We specialize in innovative online research that consistently gives leaders in academia, government, and business the confidence to make important decisions. Ipsos delivers affordable, statistically valid online research through KnowledgePanel® and leverages a variety of other assets, such as world-class advanced analytics, an industry-leading physician panel, an innovative platform for measuring online ad effectiveness, and a research-ready behavioral database of frequent supermarket and drug store shoppers.

KnowledgePanel is the first and largest online research panel that is representative of the entire U.S. population. Panel members are randomly recruited through probability-based sampling, and households are provided with access to the Internet and hardware if needed.

Ipsos recruits panel members by using address-based sampling (ABS) methods (previously Ipsos relied on random-digit dialing [RDD] methods). Once household members are recruited for the panel and assigned to a study sample, they are notified by email for survey taking, or panelists can visit their online member page for survey taking (instead of being contacted by telephone or postal mail). This allows surveys to be fielded quickly and economically. In addition, this approach reduces the burden placed on respondents, since email notification is less intrusive than telephone calls and most respondents find answering online questionnaires more interesting and engaging than being questioned by a telephone interviewer. Furthermore, respondents have the convenience to choose what day and time to complete their assigned survey.

## Ipsos Public Affairs

Ipsos Public Affairs has a strong tradition in working with sophisticated academic, government, and commercial researchers to provide high quality research, samples, and analyses. The larger Ipsos offers the fundamental knowledge for governmental agencies, academics, industries, industry, retailers, services companies and the media need to provide exceptional quality in research to make effective decisions. It delivers a comprehensive range of information and consultancy services. Ipsos is one of the leading survey research organizations worldwide, operating in 90 countries with over 16,000 employees.

For further information, visit our website: [www.ipsos.com](http://www.ipsos.com).

## KnowledgePanel Methodology

KnowledgePanel is the largest online panel that relies on probability-based sampling techniques for recruitment; hence, it is the largest national sampling frame from which fully representative samples can be generated to produce statistically valid inferences for study populations. Our panel provides samples with the highest level of representativeness available in online research for measurement of public opinions, attitudes, and behaviors. The panel was first developed in 1999 by Knowledge Networks, an Ipsos company. Panel members are randomly selected so that survey results can properly represent the U.S. population with a measurable level of accuracy, features that are not obtainable from nonprobability or opt-in online panels (for comparisons of results from probability versus nonprobability methods, see MacInnis et al., 2018[[1]](#footnote-1) and Yeager et al., 2011[[2]](#footnote-2)).

KnowledgePanel’s recruitment process was originally based exclusively on a national RDD sampling methodology. In 2009, in light of the growing proportion of cellphone-only households, Ipsos migrated to an ABS recruitment methodology via the U.S. Postal Service’s Delivery Sequence File (DSF). ABS not only improves population coverage, but also provides a more effective means for recruiting hard-to-reach individuals, such as young adults and minorities. Households without Internet connection are provided with a web-enabled device and free internet service.

After initially accepting the invitation to join the panel, participants are asked to complete a short demographic survey (the initial Core Profile Survey); answers to this survey allow efficient panel sampling and weighting for future surveys. Upon completing the Core Profile Survey, participants become active panel members. All panel members are provided privacy and confidentiality protections.

## ABS Recruitment

We use probability-based sampling methods for recruiting new members to join KnowledgePanel. For this purpose, we rely on the latest version of the Delivery Sequence File (DSF) from the USPS to select address-based samples that are nationally representative of all households. By taking advantage of a host of ancillary data that are appended to each address, we use stratified random sampling to ensure the geodemographic composition of our panel members mimic those of the adult population in the U.S.[[3]](#footnote-3)

Adults from sampled households are invited to join KnowledgePanel through a series of mailings, including an initial invitation letter, a reminder postcard, and a subsequent follow-up letter. Moreover, telephone refusal-conversion calls are made to nonresponding households for which a telephone number could be matched to a physical address. Invited households can join the panel by:

* Completing and mailing back a paper form in a postage-paid envelope
* Calling a toll-free hotline phone number maintained by Ipsos
* Going to a designated Ipsos website and completing the recruitment form online

## Household Member Recruitment

During the initial recruitment survey, all household members are enumerated. Following enumeration, attempts are made to recruit every household member who is at least 13 years old to participate in KnowledgePanel surveys. For household members aged 13 to 17, consent is collected from the parents or the legal guardian during the initial recruitment interview. No direct communication with teenagers is attempted before obtaining parental consent.

## Survey Sampling from KnowledgePanel

Once panel members are recruited and profiled by completing our Core Profile Survey, they become eligible for selection for client surveys. Typically, specific survey samples are based on the equal probability selection method (EPSEM) for general population surveys. Customized stratified random sampling based on “profile” data can also be implemented as required by the study design. Profile data can also be used when a survey calls for pre-screening—that is, members are drawn from a subsample of the panel, such as females, Republicans, grocery shoppers, etc. (This can reduce screening costs, particularly for rare subgroups.) In such cases, we take care to ensure that all subsequent survey samples drawn that week are selected in such a way as to result in a sample that remains representative of the panel distributions.  While surveys can be conducted with these teens directly, in most instances teen surveys are conducted by first selecting a sample of active members who are parents. This parent route alternative makes it possible to reach a larger sample of teens.

## Survey Administration

Once assigned to a survey, members receive a notification email letting them know there is a new survey available for them to complete. This email notification contains a link that sends them to the survey. No login name or password is required. The field period depends on the client’s needs and can range anywhere from a few hours to several weeks.

Typically, after three days, automatic email reminders are sent to all non-responding panel members in the sample. Additional email reminders are sent or custom reminder schedules are set up as needed. To assist panel members with their survey taking, each individual has a personalized member portal listing all assigned surveys that have yet to be completed.

Ipsos also operates an ongoing modest incentive program to encourage participation and create member loyalty. The incentive program includes special raffles and sweepstakes with both cash rewards and other prizes to be won. Typically, we assign panel members no more than one survey per week. On average, panel members complete two to three surveys per month with durations of 10 to 15 minutes per survey. An additional incentive is usually provided for longer surveys.

## Response Rates

As a member of the American Association of Public Opinion Research (AAPOR), Ipsos follows the AAPOR standards for response rate reporting. While the AAPOR standards were established for single survey administrations and not for multi-stage panel surveys, we use the Callegaro-DiSogra (2008)[[4]](#footnote-4) algorithms for calculating KnowledgePanel survey response rates. Generally, the KnowledgePanel survey completion rate is about 60%, with minor variations due to survey length, topic, sample specifications, and other fielding characteristics. In contrast, virtually all surveys that employ nonprobability online panels typically achieve survey completion rates in the low single digits. This means that – aside from the fact that nonprobability panels are inherently not representative of any known populations – the effective size of KnowledgePanel (55,000 panel members × 0.60 completion rate = 33,000 respondents) would be equivalent to a nonprobability panel with 1,650,000 members that on average secures completion rates close to 2% (1,650,000 panel members x 0.02 = 33,000 respondents).

# Ipsos KnowledgePanel Weighting

## Sample Weighting

As detailed above, significant resources and infrastructure are devoted to the recruitment process for KnowledgePanel so that our active panel members can properly represent the adult population of the U.S. This representation is achieved not only with respect to a broad set of geodemographic indicators, but also for hard-to-reach adults (such as those without Internet access or Spanish-language-dominant Hispanics) who are recruited in proper proportions. Consequently, the raw distribution of KnowledgePanel mirrors that of the U.S. adults fairly closely, barring occasional disparities that may emerge for certain subgroups due to differential attrition.

For selection of general population samples from KnowledgePanel, a patented methodology has been developed that ensures all samples behave as EPSEM samples. Briefly, this methodology starts by weighting the pool of active members to the geodemographic benchmarks secured from the latest March supplement of the U.S. Census Bureau’s Current Population Survey (CPS) along several dimensions. Using the resulting weights as measures of size, a probability-proportional-to-size (PPS) procedure is used to select study specific samples. It is the application of this PPS methodology with the imposed size measures that produces fully self-weighing samples from KnowledgePanel, for which each sample member can carry a design weight of unity. Moreover, in instances where a study design requires any form of oversampling of certain subgroups, such departures from an EPSEM design are accounted for by adjusting the design weights in reference to the CPS benchmarks for the population of interest.

The geodemographic benchmarks used to weight the active panel members for computation of size measures include:

* Gender (Male/Female)
* Age (18–29, 30–44, 45–59, and 60+)
* Race/Hispanic ethnicity (White/Non-Hispanic, Black/Non-Hispanic, Other/Non-Hispanic, 2+ Races/Non-Hispanic, Hispanic)
* Education (Less than High School, High School, Some College, Bachelor and beyond)
* Census Region (Northeast, Midwest, South, West)
* Household income (under $10k, $10K to <$25k, $25K to <$50k, $50K to <$75k, $75K to <$100k, $100K to <$150k, and $150K+)
* Home ownership status (Own, Rent/Other)
* Metropolitan Area (Yes, No)
* Hispanic Origin (Mexican, Puerto Rican, Cuban, Other, Non-Hispanic)

## Study-Specific Post-Stratification Weights

Once all survey data have been collected and processed, design weights are adjusted to account for any differential nonresponse that may have occurred. Depending on the specific target population for a given study, geodemographic distributions for the corresponding population are obtained from the CPS, the U.S. Census Bureau’s American Community Survey (ACS), or in certain instances from the weighted KnowledgePanel profile data. For this purpose an iterative proportional fitting (raking) procedure is used to produce the final weights. In the final step, calculated weights are examined to identify and, if necessary, trim outliers at the extreme upper and lower tails of the weight distribution. The resulting weights are then scaled to aggregate to the total sample size of all eligible respondents.

**Weighting Plan:**

For this study, our weighting process included the following steps:

1. In the first step, design weights for all KnowledgePanel (KP) assignees were computed to reflect their selection probabilities.
2. The above design weights for qualified respondents (i.e., reconfirmed living in Texas or Harris county) were raked to the following geodemographic distributions of the 18 and over Texas population with finer demographic adjustments within Harris county and other counties.  The needed benchmarks were obtained from the 2015-2019 5-year American Community Survey (ACS).  Additionally, party affiliation benchmarks were based on KP data.
3. Gender (Male, Female) by Age (18-29, 30-44, 45-59, 60+)
4. Harris county (Yes, No) by Gender (Male, Female)
5. Harris county (Yes, No) by Age (18-29, 30-44, 45-59, 60+)
6. Harris county (Yes, No) by Race-Ethnicity (White/Non-Hispanic, Black/Non-Hispanic, Other or 2+ Races/Non-Hispanic, Hispanic)
7. Harris county (Yes, No) by Education (Less than High School, High School, Some College, Bachelor or higher) *[Note:  less than high school and high school were collapsed within Harris due to the small cell sizes]*
8. Harris county (Yes, No) by Household Income (Under $25,000, $25,000-$49,999, $50,000-$74,999, $75,000-$99,999, $100,000-$149,999, $150,000 and above)
9. Party Affiliation (Republican, Democrat, All Others)

The resulting weights were trimmed and scaled to add up to the sample size of the following groups:

1. Total qualified respondents:  the weights were labeled as ***weightt1\_PID*** with n=810 cases
2. Total qualified respondents by Harris county and other counties separately:  the weights were labeled as ***weight2\_PID*** with n=281 for Harris county and n=529 for other counties.

**Trimming:**

weight1\_PID:

Other counties:  (4.98%, 97.15%)

Harris county:    (1.70%, 98.11%)

weight2\_PID:  None – scaled weights based on weight1\_PID

**Design Effect:**

weight1\_PID:  1.7082

weight2\_PID:

Other counties:  1.4005

Harris County:    2.5927

**MOE (95% level):**

weight1\_PID:  ±4.50%

weight2\_PID:

Other counties:     ±5.04%

Harris County:       ±9.41%

**Range of Weights:**

| Analysis Variable : weight1\_PID | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | Minimum | Maximum | Mean | Median | Coeff of Variation | 1st Pctl | 99th Pctl | Sum |
| 810 | 0.037 | 4.049 | 1.000 | 0.813 | 84.153 | 0.037 | 4.049 | 810.000 |

| Analysis Variable : weight2\_PID | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| harris | N Obs | N | Minimum | Maximum | Mean | Median | Coeff of Variation | 1st Pctl | 99th Pctl | Sum |
| Other Counties | 529 | 529 | 0.327 | 3.136 | 1.000 | 0.794 | 63.282 | 0.327 | 3.136 | 529.000 |
| Harris County | 281 | 281 | 0.081 | 6.176 | 1.000 | 0.568 | 126.201 | 0.081 | 6.176 | 281.000 |

Detailed information on the demographic distributions of the benchmarks can be found in Appendix C.

# Appendix A1: Final Programmed Main Survey Questionnaire

**Texas A&M - CRISP**

**Study Information**

*Note: The study information below should be completed for all projects. Copy/paste the table into the internal project kickoff meeting invitation so all teams have it for reference.*

|  |  |
| --- | --- |
| **Client** | Texas A&M |
| **Project Name** | CRISP |
| **Account Executive** | Wendy Mansfield |
| **Project Manager** | Kimberley Lewandowski |
| **Ipsos Job Number** | 20-094592-01 |
| **SNO(s)** | TBD |
| **LOI** | 18 minutes |
| **Type of Study** | Ad-hoc, one shot |
| **Field Start Date**  **(tentative is fine)** | Pretest 4/8; Main 4/13 |
| **Field End Date**  **(tentative is fine)** | Pretest 4/9; Main 4/25 |
| **Teams Involved** | DP, Coding, Weighting |
| **DP Team Scope** | Data clean, client dataset |
| **Kickoff Meeting Date**  **(tentative is fine)** | 3/30 |
| **Comments** |  |

**Sample Variables**

* KP standard demographics
* xcrisp 1=main, 2=augment
* xzip 0-99999
* xfips 0-99999 (Harris county is 48201)
* xtract 0-999999

**Quota Description**

Please track these quotas – set targets to 9999

Texas xcrisp=1

Augment xcrisp=2

**Main Questionnaire (including screener, if applicable)**

*Programming Notes:*

* *Code all refusals as -1.*
* *Use default instruction text for each question type unless otherwise specified.*
* *Do not prompt on all questions. (Remove this instruction if sample is all opt-in, client list sample, or otherwise not KP.)*

Base: All respondents

**Disp1 [Display]**

Thank you for continuing to be part of the KnowledgePanel®.

A team of researchers from Texas A&M University wants to learn your views and challenges related to critical infrastructure systems in your community such as transportation and flood control.

You should plan about 15 minutes to finish this survey. As with each survey sent to you by Ipsos KnowledgePanel®, you decide whether you want to take the survey or answer any given question. Ipsos will provide the research team with responses that are anonymous.

Texas A&M University is conducting this survey as part of National Science Foundation (NSF) Award Number CMMI-1832662. The researchers will share what they learn with the NSF, other researchers, policy makers, and the public.

Your answers will be kept confidential to the extent permitted or required by law. Representatives from regulatory agencies, such as the Office of Human Research Protections, and from other organizations, such as the Texas A&M University Human Research Protection Program, may look at the survey data to make sure the study is being run correctly and that information is collected properly.

If you have questions about your rights as someone taking this survey, or are dissatisfied with any part of the survey, you may call KnowledgePanel® Member Support at (800) 782-6899. You may also contact the Texas A&M University Human Subjects Protection Program office at (855) 795-8636 or [irb@tamu.edu](mailto:irb@tamu.edu).

If you consent to participate in this study, please click the **NEXT** button below to start the survey.



IRB NUMBER: IRB2021-0117M

\IRB APPROVAL DATE: 02/12/2021

*Scripter: Please insert NEXT button*

Base: All Respondents

**S1 [S] [Prompt]**

Are you a resident of Texas?

1. Yes

2. No

*Scripter: Prompt up to 2 rimes if respondent skips/ refuses;*

*If S1=2 (no) or DK / refused; terminate and display*

Thank you for your time.

Base: All Respondents

**S2 [S] [Prompt]**

Do you currently reside in Harris County?

1. Yes

2. No

*Scripter: Prompt up to 2 times if respondent skips/refuses;*

*If xcrisp=1 (main) terminate respondents if they refuse S2;*

If xcrisp=2 (augment) terminate respondents if they refuse S2 or S2=no

Thank you for your time.

Base: If xfips not 48201 (not Harris county) and s2=1 (yes) OR xfips=48201 (Harris county) and S2=2 (no)

**S3 [S] [Prompt]**

What is your zip code?

**[Range 99999**]

*Scripter: Prompt up to 2 times if respondent skips/refuses; if respondent still refuses term.*

*Please reference zip code, county and Census tract that are mapped based on the zip-level crosswalk.*

*Term if zip code entered is not a valid Texas zip code;*

*Create DOV\_zip to combine profile zip (xzip) and those asked at S3,*

*Create DOV\_county to combine profile fips (xfips) and those captured from the zipcode crosswalk*

*Create DOV\_xtract to combine profile (xtract) and those captured from the zipcode crosswalk*

Thank you for your time.

Base: All respondents

**Q1 [S; Grid]**

How concerned are you about the following public issues facing Texas today?

*Statement in rows: Randomize*

a. Economic growth

b. Income inequality

c. Government spending

d. Immigration

e. Pollution

f. Energy supply

g. Health care

h. Climate change

i. National security

j. Local infrastructure

k. The environment

l. Domestic terrorism

m. Pandemics

*Responses in columns: Flip scale*

1. Not concerned at all

2. Not so concerned

3. Somewhat concerned

4. Very concerned

Base: All respondents

**Q2 [S; Grid]**

Are the following statements true or false? You may view the correct responses after you complete survey.

*Statement in rows: Randomize*

a. Bridge and road construction decisions are made primarily by private entities.

b. Flooding never happens outside of traditional flood plain areas.

c. Transportation infrastructure is important to the working of electrical power supply.

d. People who live in wealthier communities are more likely to lose access to everyday services during flooding.

e. The development of transportation systems may increase the risks of flooding.

f. Natural disasters are **not** the primary cause of damages to roads and bridges.

*Responses in columns: Flip 1-2, 2-1*

1. True

2. False

3. Don’t Know (Anchor)

Base: All respondents

**Q3 [S; Grid]**

When deciding to build a new **[randomly assign infrastructure variable with equal distribution across these (2) infrastructure projects: storm water drainage system in your community; power plant to serve your community]**, how important should each of the following criteria be?

*Statement in rows: Randomize*

a. Safety of nearby residents

b. Cost to taxpayers

c. Reduction in property damages

d. Protecting the environment

e. Proximity to your residence

f. Protecting low-income communities

*Responses in columns: Flip scale*

1. Not important at all

2. Not so important

3. Somewhat important

4. Very important

Base: All respondents

**Q4 [S; Grid]**

How reliable are the following types of infrastructure in your community?

*Statement in rows: Randomize*

a. Electrical power

b. Natural gas

c. Transportation

d. Flood control

e. Emergency response services

f. Internet service

g. Phone service

h. Drinking water

i. Wastewater management

*Responses in columns: Flip scale*

1. Not reliable at all

2. Not so reliable

3. Somewhat reliable

4. Very reliable

Base: All respondents

**Q5 [S; Grid]**

How much of a problem do you think the following potential causes of infrastructure disruptions are in your community?

*Statement in rows: Randomize*

a. Heavy rain

b. High winds

c. Snow

d. Extreme temperatures

e. Poor design

f. Inadequate maintenance

g. Insufficient capacity

h. Old age

*Responses in columns: Flip Scale*

1. Not a problem at all

2. Not so much of a problem

3. Somewhat of a problem

4. A very serious problem

Base: All respondents

**Q6 [S; Grid]**

In a storm related emergency, how likely do you think it is that each of the following will happen in your community?

*Statement in rows: Randomize*

a. Flooding

b. Release of untreated sewage

c. Damage to property

d. Difficulty evacuating

e. Difficulty getting to work

f. Delays in emergency response

g. Difficulty getting to a grocery store

h. Difficulty getting to a pharmacy

i. Difficulty getting to a gas station

j. Difficulty getting to health care facilities

k. Difficulty getting to social service facilities

l. Loss of electrical power

m. Loss of natural gas

n. Loss of running water

o. Loss of phone service

p. Loss of internet

*Responses in columns: Flip Scale*

1. Not likely at all

2. Not so likely

3. Somewhat likely

4. Very likely

Base: All respondents

**Q7 [N, Grid ]**

About how many minutes does it typically take to travel one-way between your home and the closest of the facilities listed below?

*Statement in rows: Randomize*

a. Grocery store

b. Pharmacy

c. Gas station

d. Healthcare facility

e. Social services

f. Place of work

g. School

*Scripter: Please insert number box for all statements.*

*Responses in columns:*

1. [**Number box – Range 0 to 180**] Minutes

2. Not Applicable [**Exclusive**] [**Show only for Q7\_e, Q7\_f, Q7\_g**]

Base: All respondents

**Q8 [S]**

To the best of your knowledge, what is the main type of storm water drainage system in your community?

1. Surface drainage system (such as channels, ditches, and swales)

2. Underground drainage system (such as pipelines and deep ditches)

3. Ponds and catch basins

4. No specific type of drainage system

5. Don’t know

Base: All respondents

**Q9 [S]**

Over the past five (5) years, have you experienced any flooding in your area?

1. Yes

2. No

Base: If Q9= 1 (Yes)

**Q10 [S; Grid]**

During any of these floods, did you lose access to any of the following facilities or services that you used prior to the flood?

*Statement in rows: Show in same order as Q7*

a. Grocery store

b. Pharmacy

c. Gas station

d. Healthcare facility

e. Social services [**Do not show if Q7\_e= 2 “Not Applicable”**]

f. Place of work [**Do not show if Q7\_f= 2 “Not Applicable”**]

g. School [**Do not show if Q7\_g= 2 “Not Applicable”**]

*Responses in columns:*

1. Yes

2. No

Base: If any items (Yes) selected in Q10\_a – Q10\_d

**Q11 [N, Grid ]**

If available, about how many minutes did you need to travel one-way in order to get to an alternative facility?

*Statement in rows: Same order as Q10*

a. Grocery store [show if yes in Q10]

b. Pharmacy [show if yes in Q10]

c. Gas station [show if yes in Q10]

d. Healthcare facility [show if yes in Q10]

*Scripter: Please insert number box for all statements.*

*Responses in columns:*

1. [**Number box - Range 0 to 180**] Minutes

2. Alternative facility not available [**Exclusive**]

Base: All respondents

**Q12 [S]**

Suppose there is an online public forum where local government officials are trying to gather people’s opinions about a new **[insert infrastructure variable assigned in Q3 - storm water drainage system to mitigate flooding; power plant to meet power demands]** in your community. Would you be willing to spend some time at this online forum to provide your opinions?

1. Yes

2. No

Base: If Q12= 1 (Yes)

**Q12a [S]**

How much time would you be willing to spend there to provide your opinions?

1. 1-10 minutes

2. 11-20 minutes

3. 21-30 minutes

4. Over 30 minutes

Base: All respondents

**Q13 [S]**

Would you be willing to pay [**randomly assign $ variable with equal distribution across these (3) amounts:  $5; $10; $15**] more per month on your utility bill to support a new **[insert infrastructure variable assigned in Q3 – storm water drainage system to mitigate flooding; power plant to meet power demands**] in your community?

1. Yes

2. No

Base: All respondents

**Q14 [S]**

Have you heard the term Public Private Partnership used to describe a public works effort in your community? Public Private Partnerships are cooperative arrangements between public organizations and businesses or nonprofits to complete a project or provide a service.

1. Yes

2. No

Base: All respondents

**Q15 [S; Grid]**

How much would you oppose or support the following types of Public Private Partnerships for the construction of some infrastructure project in your community?

*Statement in rows: Randomize*

a. A government agency builds something and then sells it to a private operator.

b. A private contractor builds something and then sells it to the government.

c. Government and a private contractor work together to fund, build, and operate an infrastructure element.

d. Government and a nonprofit work together to fund, build, and operate an infrastructure element.

*Responses in columns: Flip scale*

1. Strongly oppose

2. Oppose

3. Neither support nor oppose

4. Support

5. Strongly support

Base: All respondents

**Q16 [S; Grid]**

When deciding whether you support forming a Public Private Partnership to address a community infrastructure project, how important is it that the Partnership offer the following?

*Statement in rows: Randomize*

a. A less expensive option

b. A higher quality product

c. More public participation in the decision process

d. Greater opportunities for local economic development

*Responses in columns: Flip scale*

1. Not important at all

2. Not so important

3. Somewhat important

4. Very important

Base: All respondents

**Q17 [S; Grid]**

To what extent do you disagree or agree with the following statements about Public Private Partnerships?

*Statement in rows: Randomize*

a. The use of Public Private Partnerships can benefit my community.

b. Local officials in my community support the use of Public Private Partnerships.

c. Private industries in my community support the use of Public Private Partnerships.

d. The people in my community support the use of Public Private Partnerships.

*Responses in columns: Flip scale*

1. Strongly disagree

2. Disagree

3. Neither disagree nor agree

4. Agree

5. Strongly agree

Base: All respondents

**Q18 [S]**

For building infrastructure in your community, would you prefer?

*Flip items 1 and 2*

1. Government only

2. Private sector only

3. Partnership between government and the private sector (ANCHOR)

Base: All respondents

**Q19 [S; Grid]**

How much do you distrust or trust the following types of organizations?

*Statement in rows: Randomize*

a. City government

b. County government

c. State government

d. Federal government

e. Private industry

f. Nonprofit organizations

g. Public Private Partnerships

*Responses in columns: Flip scale*

1. Strongly distrust

2. Distrust

3. Neither distrust nor trust

4. Trust

5. Strongly trust

Base: All respondents

**Q20 [S; Grid]**

How responsible should the following types of organizations be for making policies for your community infrastructure?

*Statement in rows: Randomize*

a. City government

b. County government

c. State government

d. Federal government

e. Private industry

f. Nonprofit organizations

g. Public Private Partnerships

*Responses in columns: Flip scale*

1. Not responsible at all

2. Not so responsible

3. Somewhat responsible

4. Very responsible

Base: All respondents

**Q21 [S; Grid]**

How responsible should the following types of organizations be for spending money on your community infrastructure?

*Statement in rows: Randomize*

a. City government

b. County government

c. State government

d. Federal government

e. Private industry

f. Nonprofit organizations

g. Public Private Partnerships

*Responses in columns: Flip scale*

1. Not responsible at all

2. Not so responsible

3. Somewhat responsible

4. Very responsible

Base: All respondents

**Q22 [S; Grid]**

How much do you oppose or support the following policies to improve your community infrastructure?

*Statement in rows: Randomize*

a. Limit development in areas where infrastructure failures are likely

b. Provide financial incentives for people to relocate from vulnerable areas

c. Strengthen infrastructure design standards

d. Strengthen building design standards

e. Conduct more frequent maintenance on infrastructure

f. Conduct more frequent replacement of older infrastructure

g. Build additional infrastructure to address vulnerabilities

h. Address identified infrastructure vulnerabilities through coordinated planning

g. Work to engage affected stakeholders and communities in infrastructure decisions

*Responses in columns: Flip scale*

1. Strongly oppose

2. Oppose

3. Neither support nor oppose

4. Support

5. Strongly support

Base: All respondents

**Q23 [S; Grid]**

How often do you normally look for information about policy issues related to infrastructure from the following sources?

*Statement in rows: Randomize*

a. Government officials

b. University researchers

c. News media

d. Social media

e. Business leaders

f. Community meetings

g. Leaders from my political party

h. Family members

i. Friends

j. Co-workers

*Responses in columns: Flip scale*

1. Not often at all

2. Not so often

3. Somewhat often

4. Very often

BASE: All Respondents

**IDEO [S]**

In general, do you think of yourself as…

1. Extremely liberal

2. Liberal

3. Slightly liberal

4. Moderate, middle of the road

5. Slightly conservative

6. Conservative

7. Extremely conservative

Base: all respondents

QPID100 [S]

Generally speaking, do you think of yourself as...

*Select one answer only.*

1. Republican

2. Democrat

3. Independent

6. Something else

*SCRIPTER: Prompt following nonresponse. Rotate 1st and 2nd responses.*

Base: respondents who are Republican (QPID100=1)

QPID110 [S]

Would you call yourself a...

*Select one answer only.*

1. Strong Republican

2. Not very strong Republican

Base: respondents who are Democrat (QPID100=2)

QPID120 [S]

Would you call yourself a...

*Select one answer only.*

1. Strong Democrat

2. Not very strong Democrat

Base: respondents who are Independent or Something else (QPID100=3, 6)

QPID130 [S]

Do you think of yourself as closer to the...

*Select one answer only.*

1. Republican Party

2. Democratic Party

Base: All respondents

**Disp2**

Thank you very much for completing this survey! We have successfully received your responses.

As mentioned earlier, below are the correct Responses to the earlier true/false questions.

|  |  |  |
| --- | --- | --- |
| 1. Bridge and road construction decisions are made primarily by private entities. |  | False |
| 2. Flooding never happens outside of traditional flood plain areas. |  | False |
| 3. Transportation infrastructure is important to the working of electrical power supply. | True |  |
| 4. People who live in wealthier communities are more likely to lose access to everyday services during flooding. |  | False |
| 5. The development of transportation systems may increase the risks of flooding. | True |  |
| 6. Natural disasters are not the primary cause of damages to roads and bridges. | True |  |

**Show KP closing question QF1**

# Appendix B: KnowledgePanel® Response Rate Report

KnowledgePanel® is a probability-based panel. By definition, all members of KnowledgePanel® have a known probability of selection. As a result, it is mathematically possible to calculate a proper response rate that takes into account all sources of nonresponse. Below are the components of the response rate calculation and the actual calculations. An extended description of how to compute response metrics for online panels can be found in:

Callegaro, Mario & DiSogra, Charles (2008). Computing response metrics for online panels. *Public Opinion Quarterly 72*(5). pp. 1008-1032.[[5]](#footnote-5)

**Response Rate Summary Metrics:**

|  |  |
| --- | --- |
| 1. Number of Assigned Panelists | **1525** |
| 1. Study-Specific Average Panel Recruitment Rate (RECR) | **11.0%** |
| 1. Study-Specific Average Household Profile Rate (PROR) | **60.3%** |
| 1. Study-Specific Average Household Retention Rate (RETR) | **33.5%** |
| 1. Number of Total Study Completes | **828** |
| 1. Study Completion Rate (COMPR)\* | **54.3%** |
| 1. Number of Study Break-offs | **78** |
| 1. Study Breakoff Rate (BOR) | **8.6%** |
| 1. Number of Qualified Completes | **820** |
| 1. Study Qualification Rate (QUALR) | **99.0%** |
| 1. **Cumulative Response Rate** | **3.6%** |

**Comparison of Response Rates**

It is important to note the differences between a Random Digit Dial (RDD) telephone or mail sample and KnowledgePanel®. RDD telephone and mail samples can be compared because they are one-time surveys. However, an online panel such as KnowledgePanel® is composed of people recruited at different times and, more importantly, committed to answering multiple surveys for a period of time and not just a single survey. Further, with KnowledgePanel®, Panelists must also complete profile surveys in order to become members of the Panel.  These differences are reflected in the recruitment and profile rates reported above. These differences make directly comparing response rates between one-time surveys and Panel surveys difficult and perhaps not illuminating.

Opt-in web panels do not permit the calculation of a response rate since the probabilities of selection are unknown. Consequently, opt-in panels are only mathematically capable of computing the survey completion rate, which represents the final stage of gaining the cooperation of survey research subjects and excludes the nonresponse resulting from panel recruitment, connection, and panel retention. In addition, studies relying on opt-in intercept, sometimes called “river,” samples where respondents are recruited for a particular survey using various banner or pop-up ads placed on numerous websites rather than from a panel, also have no known selection probabilities and are therefore unable to report response rates. Further, such opt-in online intercept studies are unable to compute completion rates since a sample is not selected and can only report survey breakoff rates.

**Practical Advice for Reporting Response Rates**

Many journals ask for the final stage completion rate that can be easily reported. Breakoff rates are also another indicator of quality.

An example of reporting response metrics is the following:

A random sample of 1,234 panel members was drawn from Ipsos’ KnowledgePanel®. 850 (excluding breakoffs) responded to the invitation and 850 qualified for the survey, yielding a final stage completion rate of 68.9% and a qualification rate of 100.0% percent. The recruitment rate for this study, reported by Ipsos, was 13.3% and the profile rate was 63.7%, for a cumulative response rate of 5.8%.

**Formulas Used for Response Summary Metric Calculations**

The formulas, from Callegaro & DiSogra (2008), used to calculate the response summary metrics reported above are presented in below. Respondent-level cohort recruitment, profile, and retention rates are calculated for each study respondent and averaged across all study respondents to yield the study-specific rates reported on the previous page.

**Respondent-level Panel Recruitment Rate (RECR):**

*=*

**Respondent-level Profile Rate (PROR):**

*=*

**Respondent-level Retention Rate (RETR):**

*=*

**Study Completion Rate (COMR):**

*=*

**Breakoff Rate (BOR):**

*=*

**Qualification Rate (QUALR):**

*=*

**Cumulative Response Rate (CUMRR):**

*= RECR\*PROR\*COMR*

# Appendix C: Benchmark Distributions

|  |  |  |  |
| --- | --- | --- | --- |
| ***18+ Texas Population Benchmarks*** | | | |
| ***Source: ACS 2015-2019 Data*** | | | |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppgender | harris | | |
| Other Counties | Harris County | Total |
| Male | 48.38 | 48.18 | 48.35 |
| Female | 51.62 | 51.82 | 51.65 |
| Total | 1.77E+07 | 3427298 | 2.11E+07 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| age4 | harris | | |
| Other Counties | Harris County | Total |
| 18-29 | 21.69 | 22.79 | 21.87 |
| 30-44 | 27.31 | 30.17 | 27.78 |
| 45-59 | 25.84 | 25.38 | 25.76 |
| 60+ | 25.15 | 21.66 | 24.59 |
| Total | 1.77E+07 | 3427298 | 2.11E+07 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppeth4 | harris | | |
| Other Counties | Harris County | Total |
| White/Non-Hispanic | 48.27 | 33.1 | 45.81 |
| Black/Non-Hispanic | 10.41 | 18.63 | 11.74 |
| Other or 2+ Races/Non-Hispanic | 6.14 | 9.06 | 6.62 |
| Hispanic | 35.18 | 39.21 | 35.83 |
| Total | 1.77E+07 | 3427298 | 2.11E+07 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppeducat | harris | | |
| Other Counties | Harris County | Total |
| Less than HS | 15.83 | 18.37 | 16.24 |
| HS | 26.14 | 24.47 | 25.87 |
| Some college | 31.1 | 28.22 | 30.63 |
| Bachelor or higher | 26.93 | 28.94 | 27.26 |
| Total | 1.77E+07 | 3427298 | 2.11E+07 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| income6 | harris | | |
| Other Counties | Harris County | Total |
| Under $25,000 | 16.55 | 14.87 | 16.27 |
| $25,000-$49,999 | 19.08 | 19.54 | 19.16 |
| $50,000-$74,999 | 17.51 | 17.53 | 17.52 |
| $75,000-$99,999 | 13.54 | 13.45 | 13.53 |
| $100,000-$149,999 | 17.19 | 16.75 | 17.12 |
| $150,000 and over | 16.13 | 17.86 | 16.41 |
| Total | 1.77E+07 | 3427298 | 2.11E+07 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| harris | harris | | |
| Other Counties | Harris County | Total |
| Other Counties | 100 | 0 | 83.75 |
| Harris County | 0 | 100 | 16.25 |
| Total | 1.77E+07 | 3427298 | 2.11E+07 |
|  |  |  |  |
|  |  |  |  |
| v1 | Frequency | Percent |  |
| 18-29 Male | 2335851 | 11.08 |  |
| 18-29 Female | 2276125 | 10.79 |  |
| 30-44 Male | 2858385 | 13.55 |  |
| 30-44 Female | 2999073 | 14.22 |  |
| 45-59 Male | 2643634 | 12.54 |  |
| 45-59 Female | 2789461 | 13.23 |  |
| 60+ Male | 2357922 | 11.18 |  |
| 60+ Female | 2826924 | 13.41 |  |
|  |  |  |  |
| ppstaten | Frequency | Percent |  |
| 74 | 21087375 | 100 |  |
|  |  |  |  |
|  |  |  |  |
| ***18+ Texas Party ID Benchmarks*** | | |  |
| ***Source: KnowledgePanel*** | | |  |
|  |  |  |  |
| pid3 | PERCENT |  |  |
| Republican | 28.01 |  |  |
| Democrat | 28.99 |  |  |
| Independent, Something Else, Refused | 43.01 |  |  |
|  | 100 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| ***CRISP - Total Qualified Respondents*** | | | |
| ***Weighted by weight1\_PID*** | | | |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppgender | harris | | |
| Other Counties | Harris County | Total |
| Male | 47.83 | 45.99 | 47.54 |
| Female | 52.17 | 54.01 | 52.46 |
| Total | 683.094 | 126.906 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| age4 | harris | | |
| Other Counties | Harris County | Total |
| 18-29 | 20.04 | 23.19 | 20.54 |
| 30-44 | 27.75 | 28.51 | 27.87 |
| 45-59 | 26.44 | 25.51 | 26.3 |
| 60+ | 25.76 | 22.79 | 25.29 |
| Total | 683.094 | 126.906 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppeth4 | harris | | |
| Other Counties | Harris County | Total |
| White/Non-Hispanic | 49.08 | 35.06 | 46.88 |
| Black/Non-Hispanic | 10.46 | 18.95 | 11.79 |
| Other or 2+ Races/Non-Hispanic | 5.95 | 9.69 | 6.53 |
| Hispanic | 34.51 | 36.3 | 34.79 |
| Total | 683.094 | 126.906 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppeducat | harris | | |
| Other Counties | Harris County | Total |
| Less than HS | 14.82 | 5.4 | 13.34 |
| HS | 25.82 | 33.43 | 27.02 |
| Some college | 31.78 | 30.16 | 31.53 |
| Bachelor or higher | 27.58 | 31.01 | 28.12 |
| Total | 683.094 | 126.906 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| income6 | harris | | |
| Other Counties | Harris County | Total |
| Under $25,000 | 15.67 | 15.46 | 15.64 |
| $25,000-$49,999 | 18.5 | 20.23 | 18.77 |
| $50,000-$74,999 | 17.92 | 18.44 | 18 |
| $75,000-$99,999 | 13.87 | 13.97 | 13.89 |
| $100,000-$149,999 | 17.58 | 14.85 | 17.16 |
| $150,000 and over | 16.45 | 17.04 | 16.54 |
| Total | 683.094 | 126.906 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| harris | harris | | |
| Other Counties | Harris County | Total |
| Other Counties | 100 | 0 | 84.33 |
| Harris County | 0 | 100 | 15.67 |
| Total | 683.094 | 126.906 | 810 |
|  |  |  |  |
|  |  |  |  |
| v1 | Frequency | Percent |  |
| 18-29 Male | 80.837 | 9.98 |  |
| 18-29 Female | 85.51498 | 10.56 |  |
| 30-44 Male | 108.8516 | 13.44 |  |
| 30-44 Female | 116.9107 | 14.43 |  |
| 45-59 Male | 102.5858 | 12.66 |  |
| 45-59 Female | 110.411 | 13.63 |  |
| 60+ Male | 92.834 | 11.46 |  |
| 60+ Female | 112.0549 | 13.83 |  |
|  |  |  |  |
| ppstaten | Frequency | Percent |  |
| 74 | 810 | 100 |  |
|  |  |  |  |
| pid3 | Frequency | Percent |  |
| Republican | 232.7707 | 28.74 |  |
| Democrat | 239.9326 | 29.62 |  |
| Independent, Something Else, Refused | 337.2967 | 41.64 |  |
|  |  |  |  |
|  |  |  |  |
| xcrisp | Frequency | Percent |  |
| Main | 739.1638 | 91.25 |  |
| Harris County Augment | 70.83624 | 8.75 |  |

|  |  |  |
| --- | --- | --- |
| ***CRISP - Total Qualified Other Counties Respondents*** | | |
| ***Weighted by weight2\_PID*** | | |
|  |  |  |
|  |  |  |
| ppgender | Frequency | Percent |
| Male | 253.0361 | 47.83 |
| Female | 275.9639 | 52.17 |
|  |  |  |
| age4 | Frequency | Percent |
| 18-29 | 106.0353 | 20.04 |
| 30-44 | 146.8161 | 27.75 |
| 45-59 | 139.8778 | 26.44 |
| 60+ | 136.2708 | 25.76 |
|  |  |  |
| ppeth4 | Frequency | Percent |
| White/Non-Hispanic | 259.6279 | 49.08 |
| Black/Non-Hispanic | 55.35368 | 10.46 |
| Other or 2+ Races/Non-Hispanic | 31.45499 | 5.95 |
| Hispanic | 182.5635 | 34.51 |
|  |  |  |
| ppeducat | Frequency | Percent |
| Less than HS | 78.3736 | 14.82 |
| HS | 136.6112 | 25.82 |
| Some college | 168.1229 | 31.78 |
| Bachelor or higher | 145.8923 | 27.58 |
|  |  |  |
| income6 | Frequency | Percent |
| Under $25,000 | 82.92062 | 15.67 |
| $25,000-$49,999 | 97.88603 | 18.5 |
| $50,000-$74,999 | 94.80884 | 17.92 |
| $75,000-$99,999 | 73.36739 | 13.87 |
| $100,000-$149,999 | 93.02054 | 17.58 |
| $150,000 and over | 86.99658 | 16.45 |
|  |  |  |
| harris | Frequency | Percent |
| Other Counties | 529 | 100 |
|  |  |  |
| ppstaten | Frequency | Percent |
| 74 | 529 | 100 |
|  |  |  |
| xcrisp | Frequency | Percent |
| Main | 529 | 100 |

|  |  |  |
| --- | --- | --- |
| ***CRISP - Total Qualified Harris County Respondents*** | | |
| ***Weighted by weight2\_PID*** | | |
|  |  |  |
|  |  |  |
| ppgender | Frequency | Percent |
| Male | 129.2334 | 45.99 |
| Female | 151.7666 | 54.01 |
|  |  |  |
| age4 | Frequency | Percent |
| 18-29 | 65.16356 | 23.19 |
| 30-44 | 80.11053 | 28.51 |
| 45-59 | 71.68275 | 25.51 |
| 60+ | 64.04316 | 22.79 |
|  |  |  |
| ppeth4 | Frequency | Percent |
| White/Non-Hispanic | 98.50767 | 35.06 |
| Black/Non-Hispanic | 53.25932 | 18.95 |
| Other or 2+ Races/Non-Hispanic | 27.22058 | 9.69 |
| Hispanic | 102.0124 | 36.3 |
|  |  |  |
| ppeducat | Frequency | Percent |
| Less than HS | 15.173 | 5.4 |
| HS | 93.92537 | 33.43 |
| Some college | 84.75779 | 30.16 |
| Bachelor or higher | 87.14384 | 31.01 |
|  |  |  |
| income6 | Frequency | Percent |
| Under $25,000 | 43.45147 | 15.46 |
| $25,000-$49,999 | 56.84099 | 20.23 |
| $50,000-$74,999 | 51.81024 | 18.44 |
| $75,000-$99,999 | 39.26819 | 13.97 |
| $100,000-$149,999 | 41.74231 | 14.85 |
| $150,000 and over | 47.8868 | 17.04 |
|  |  |  |
| harris | Frequency | Percent |
| Harris County | 281 | 100 |
|  |  |  |
| ppstaten | Frequency | Percent |
| 74 | 281 | 100 |
|  |  |  |
| xcrisp | Frequency | Percent |
| Main | 124.152 | 44.18 |
| Harris County Augment | 156.848 | 55.82 |

|  |  |  |  |
| --- | --- | --- | --- |
| ***CRISP - Total Qualified Respondents*** | | | |
| ***Un-Weighted %*** | | | |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppgender | harris | | |
| Other Counties | Harris County | Total |
| Male | 48.77 | 45.91 | 47.78 |
| Female | 51.23 | 54.09 | 52.22 |
| Total | 529 | 281 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| age4 | harris | | |
| Other Counties | Harris County | Total |
| 18-29 | 9.26 | 8.54 | 9.01 |
| 30-44 | 23.63 | 22.42 | 23.21 |
| 45-59 | 27.41 | 23.84 | 26.17 |
| 60+ | 39.7 | 45.2 | 41.6 |
| Total | 529 | 281 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppeth4 | harris | | |
| Other Counties | Harris County | Total |
| White/Non-Hispanic | 58.22 | 55.16 | 57.16 |
| Black/Non-Hispanic | 7.37 | 17.44 | 10.86 |
| Other or 2+ Races/Non-Hispanic | 5.48 | 6.76 | 5.93 |
| Hispanic | 28.92 | 20.64 | 26.05 |
| Total | 529 | 281 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| ppeducat | harris | | |
| Other Counties | Harris County | Total |
| Less than HS | 8.13 | 1.42 | 5.8 |
| HS | 19.66 | 12.81 | 17.28 |
| Some college | 34.78 | 30.6 | 33.33 |
| Bachelor or higher | 37.43 | 55.16 | 43.58 |
| Total | 529 | 281 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| income6 | harris | | |
| Other Counties | Harris County | Total |
| Under $25,000 | 10.59 | 18.86 | 13.46 |
| $25,000-$49,999 | 15.31 | 23.49 | 18.15 |
| $50,000-$74,999 | 19.28 | 17.44 | 18.64 |
| $75,000-$99,999 | 17.39 | 13.52 | 16.05 |
| $100,000-$149,999 | 20.23 | 12.1 | 17.41 |
| $150,000 and over | 17.2 | 14.59 | 16.3 |
| Total | 529 | 281 | 810 |
|  |  |  |  |
|  |  |  |  |
| Table of  by | | | |
| harris | harris | | |
| Other Counties | Harris County | Total |
| Other Counties | 100 | 0 | 65.31 |
| Harris County | 0 | 100 | 34.69 |
| Total | 529 | 281 | 810 |
|  |  |  |  |
|  |  |  |  |
| v1 | Frequency | Percent |  |
| 18-29 Male | 29 | 3.58 |  |
| 18-29 Female | 44 | 5.43 |  |
| 30-44 Male | 90 | 11.11 |  |
| 30-44 Female | 98 | 12.1 |  |
| 45-59 Male | 113 | 13.95 |  |
| 45-59 Female | 99 | 12.22 |  |
| 60+ Male | 155 | 19.14 |  |
| 60+ Female | 182 | 22.47 |  |
|  |  |  |  |
| ppstaten | Frequency | Percent |  |
| 74 | 810 | 100 |  |
|  |  |  |  |
| pid3 | Frequency | Percent |  |
| Republican | 280 | 34.57 |  |
| Democrat | 277 | 34.2 |  |
| Independent, Something Else, Refused | 253 | 31.23 |  |
|  |  |  |  |
|  |  |  |  |
| xcrisp | Frequency | Percent |  |
| Main | 610 | 75.31 |  |
| Harris County Augment | 200 | 24.69 |  |

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2. Yeager, D., Krosnick, J., Chang, L., Javitz, H., Levendusky, M., Simper, A. and R. Wang (2011). "Comparing the Accuracy of RDD Telephone Surveys and Internet Surveys Conducted With Probability and Non-Probability Samples." Public Opinion Quarterly, Winter 2011. [↑](#footnote-ref-2)
3. Fahimi, M. and D. Kulp (2009). “Address-Based Sampling – Alternatives for Surveys That Require Contacts with Representative Samples of Households.” Quirk’s Marketing Research Review, May 2009. [↑](#footnote-ref-3)
4. Callegaro, M. and C. DiSogra (2008). “Computing Response Metrics for Online Panels.” *Public Opinion Quarterly*, Vol. 72, No. 5. [↑](#footnote-ref-4)
5. The full text of the paper is available on the Public Opinion Quarterly – Special issue webpage: <http://www.oxfordjournals.org/our_journals/poq/special.html> [↑](#footnote-ref-5)