

Methodological Report:
Michigan State University
State of the State Survey 75
(Fall 2017 Round)

January, 2018

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The State of the State Survey (SOSS) is administered by the Institute for Public Policy and Social Research of Michigan State University.

For the benefit of sponsors, consumers, and users of SOSS data, we have prepared this guide to the purpose, design, methods, and content of the survey.

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1. Purpose of Survey

SOSS is a public opinion survey of the adult citizens of Michigan, conducted three to four times each year since October, 1994. It employs Computer Assisted Telephone Interviewing (CATI) technology to interview a stratified random sample of Michigan adults. Originally based only on household landline telephones, SOSS began including cell phones in Round 62 (Summer 2012). SOSS is a product of the Institute for Public Policy and Social Research in collaboration with the Office for Survey Research at Michigan State University.

Although dozens of surveys are conducted in Michigan every year, SOSS is the only one designed to provide a regular systematic monitoring of the public mood in the state. SOSS has five principal objectives:

1. To provide information about citizen opinions on critical issues
2. To provide data for scientific and policy research by MSU faculty
3. To provide useful information for programs and offices at MSU
4. To develop survey methods
5. To provide opportunities for student training and research

2. Calendar

People's experiences and the overall public mood change not only from year to year but also with the seasons. It is important to establish baselines for understanding what is a "normal" seasonal fluctuation and what is a more permanent change. For this reason, SOSS is typically conducted at regular quarterly intervals.

3. Structure of the Questionnaire

The questionnaires for each round of the survey are designed by a different set of principal investigators, consisting of faculty, students, and staff at MSU and other higher education institutions, as well as researchers and staff at non-profits and other organizations and businesses. Each survey instrument consists of three main components: a demographic core, a non-demographic core, and client questions.

The demographic core contains questions on the social background and status of the respondents (age, sex, education, employment status, type of community, marital status, number of children, size of household, income, ethnic identity, etc.). This block of questions is repeated in each round, though more detailed questions on some of the dimensions (e.g., the number and ages of children) might be included in certain rounds based on client needs.

The non-demographic core contains additional questions that are repeated in every round of the survey in order to gauge broad shifts in the economic, social, and political orientations and status of the population. These include questions about consumer confidence, self-identification on a

liberal-conservative scale, partisan identification, assessments of presidential performance and gubernatorial performance, and other issues.

Together the demographic and non-demographic core of the questionnaire take an average of about 7 minutes of interviewing time to complete. The remainder of the interview typically lasts around 13-18 minutes, so that on average interviews on SOSS take about 20-25 minutes of the respondent's time.

The winter round each year includes questions on the most important problem that respondents want the governor and legislature to address. It also includes an assessment of respondents' trust in federal, state, and local governments to make right decisions.

Beyond the core set of interview items, SOSS 75 included sets of questions on these topics:

1. Cars
2. Climate Change
3. Crime
4. Energy Use
5. Politics

A word of caution is in order on the use of the data. Because of the inclusion of question-order and question-wording experiments, the codebook for the survey, containing the weighted frequency distribution of responses, may be difficult to interpret and must be used carefully. Occasionally, alternative variants of questions will be combined into composite measures in the final data that are distributed, but the original questions also remain in the codebook and data set. It is the responsibility of the data users and analysts, not of SOSS, to assure that the appropriate variants of questions are used in analyses and reports. A copy of the CATI interview program with the logic and skip patterns (indicated by "[goto ...]" commands and "[if ...]" commands) accompanies the codebook to help clarify the paths particular respondents would take through the interview.

4. Management and Organization

SOSS and OSR staff are responsible for the technical work of programming the CATI survey instrument, training and supervising interviewers, selection and administration of the sample, coding and weighting of data, and preparation of the final data set and documentation. In addition, SOSS and OSR staff work with and advise the principal investigators and other researchers in the design of the sample and the survey instrument. Final approval of the survey and sample design rests with the principal investigators and SOSS Director.

For each round of the survey, a small working group of principal investigators is responsible for the design of the instrument for that round, subject to final approval by the SOSS Director, SOSS Project Manager, and OSR staff. The working groups consist primarily of "principal investigators" for the given round who have sponsored and funded the survey and will conduct the major initial analyses of the data, provide public briefings, and have priority in analyzing the

data for publication for the six-month period following the end of the field period for that round (more on data access below).

Working Group for the Fall 2017 survey:

Annick Anctil, Assistant Professor, Michigan State University Department of Civil and Environmental Engineering

Shelia R. Cotten, Professor, Michigan State University Department of Media and Information; Director, Sparrow/MSU Center for Innovation and Research

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Funding sources for the Fall 2017 survey:

- Michigan State University Institute for Public Policy and Social Research
- Michigan State University College of Engineering
- Michigan State University Department of Civil and Environmental Engineering
- Michigan State University Department of Media and Information
- Michigan State University Department of Sociology
- Michigan State University James Madison College
- Michigan State University School of Planning, Design and Construction
- Michigan State University School of Social Work
- Michigan State University Urban & Regional Planning Program.

5. Dissemination of Results

Each round of the survey has an identified set of principal investigators who have priority in access to the data for that round. The principal investigators have exclusive right to prepare scientific papers for publication from the data for that survey for a period of six months after the end of the field date.

Six months after completion of data collection, the survey data are made available on an unrestricted basis to the public via the State of the State Survey's website (<http://ippsr.msu.edu/soss/>).

6. Sample Design

The referent population is the non-institutionalized, English-speaking adult population of Michigan age 18 and over. Since the survey was conducted by telephone, only persons who lived in households that had landline telephones or individuals who have a cell phone had a chance of being interviewed.

Sampling. One portion of the sample of interviews is derived from a new random-digit-dial sample of phone numbers in the state, while another portion of the sample of completed interviews (usually 20-40% of the sample) is derived from re-interviews of individuals who had been interviewed two rounds earlier and who had agreed to be re-contacted. Roughly 80-90% of all respondents in each round of SOSS agree to be re-contacted. Re-interviewing individuals who constituted a representative random sample of the state's adults should still constitutes a representative random sample several months later, if adjustments for any non-response are made.

Having a portion of each round of SOSS derived from re-interviews with individuals from a previous round enables a part of the SOSS sample to constitute a panel, so that change can be measured at the individual level from quarter to quarter – a distinct benefit.

Because of the rapidly growing percentage of adults who have opted not to have a landline for their household, but depend instead on their cell phones, SOSS began to include a sample of cell phone users in SOSS 62.

Respondents' households newly enlisted to participate for SOSS 75 in the landline sample were selected using list-assisted random-digit-dial (RDD) sampling procedures. Those being re-interviewed had been sampled and selected in this same manner when they were first recruited to participate in SOSS 66.

Ordinarily, the initial sample of randomly generated telephone numbers (landline or cell phone) is purchased from Survey Sampling, Inc. (SSI). SSI begins the process of generating phone numbers with the list of all working area code and phone number exchange combinations. In the case of this study, the universe was constrained to include only those telephone numbers that are active in the state of Michigan. From within this list of possible phone numbers, SSI eliminates those banks of numbers represented by the 4-digit suffix that are known to be unused or are

known to be used only by institutions. Landline and cell phone banks of numbers are separated and sampled independently. To improve the efficiency of the landline calling, this sampling frame is separated into two strata: one comprised of all landline phone numbers that are listed in phone directories, and the other comprised of all landline phone numbers that are not listed in directories but which are members of banks in which at least one phone number is listed. We over-sample phone numbers from the listed stratum.

SSI screens the landline phone numbers generated. The resulting sample is then checked against SSI's database of business phone numbers and checked for known disconnected numbers. Ordinarily, these numbers are removed from the sample and not called.

The cell phone numbers are similarly stratified into those that have recent billing activity (i.e., active) and those that do not (i.e., inactive). Only active phone numbers are called.

For SOSS 75, 15,976 phone numbers were used overall, 559 in the re-contact segment, 7,496 in the new RDD segment, and 7,921 in the new cell phone segment. The working phone number rate was 46.2% overall, 75.8% in the re-contact segment, 45.9% in the new RDD segment, and 44.4% in the new cell phone segment.

Sample Weights. Because of the split-sample approach, we have weighted each segment regarding selection probabilities, and then combined them into a single file. The combined data file is then weighted to be representative of the state as a whole. The details for weighting each segment are provided below.

Because of the stratification (i.e., listed vs. not-listed phone number strata, landline vs. cell phone) and the unequal sampling rates across the strata, it is necessary to use "weights" to correct for unequal probabilities of selection. Weights can also be used to adjust the marginals on selected demographics in the sample to match the corresponding marginals in the adult population of the state to correct for differential response rates.

As indicated above, the initial landline frame was stratified into listed numbers and not-listed numbers in 1+ banks, and then listed numbers were over-sampled. Other information from SSI indicates that 65% of households with phones have listed numbers. An initial weight, listwt, was constructed to adjust representation of listed and unlisted numbers in the data file, so that listed numbers comprised only 65% of all data records.

To construct the remaining weights, characteristics of the population were drawn from 2010-2014 American Community Survey data. To make generalizations about individuals' views and behaviors, it is necessary to ensure that each respondent in a survey sample has an equal probability of selection, or is represented in the data set as having had an equal probability of being selected. However, since households with multiple phone lines have more chances of being selected into the sample than those with only one phone line, this source of unequal chances has to be adjusted for in analyzing the data. Consequently, the SOSS interview included a question asking respondents how many separate phone numbers the household has. In the event of item non-response, the number of phone lines was assumed to be one. Each case was then weighted by the reciprocal of the number of phone numbers, and then adjusted so that the total number of

cases matched the actual number of completed interviews. In the data set, this weight is named PHWT.

Similarly, an adult in a two-adult household would have half the chance of being selected to be interviewed as would the only adult in a single-adult household. This, too, requires adjustment to correct for unequal probabilities of selection. The interview included a question as to the number of persons 18 years of age or older living in the household. In the event of item non-response, the household was assumed to have only one adult. Each case was then weighted by the inverse of its probability of selection within the household, i.e., by the number of adults in the household.

In the cell phone segment, respondents were asked whether they also have a landline phone at their household (i.e., an overlapping dual frame design). Respondents were weighted by the reciprocal of the number of landline plus cell phone numbers they have. Furthermore, the cell phone was assumed to belong to the individual rather than the household, so the person answering the phone, if eligible, was the respondent.

These weights were then also adjusted so that the total number of weighted cases matched the actual number of completed interviews. In the data set, this weight is named ADLTWT.

At this point, the separate sample segments (i.e., landline and cell phone) were merged, and the adjustment made so that the proportion of cases that were cell phone-only matched the estimated proportion for Michigan in 2015, based on the most recent National Health Interview Survey estimates.

Non-response adjustments were made subsequently using an iterative proportional fit method (i.e., raking). These adjustments were intended primarily to correct for differential non-response based on age, gender, and race within the adult population of the state. It is common for some groups of individuals to be more difficult to reach, or more likely to refuse to participate, in RDD surveys. For making generalizations about the population from which the sample was drawn, the accuracy of the results can be distorted by these non-response patterns. Consequently, it is common to weight cases in the sample to adjust for non-response. This is accomplished by weighting each case so that cases of each type appear in the sample proportionately to their representation in the general population.

For the State of the State Survey, cases are weighted so that the proportions of whites, African Americans, and other racial group respondents in the sample matched the proportions each of these groups in the adult population in the state based on the 2010-2014 American Community Survey 5-year estimates. In the data set, this weighting factor is named REGNRACE. Furthermore, cases were additionally weighted so that the proportion of male cases and female cases falling into each of the following age groups matched the statewide proportions in the 2010-2014 American Community Survey 5-year estimates: 18-29 years old, 30-39, 40-49, 50-59, 60-69, 70-79, and 80 or older. In the data set, this weighting factor is named SEXAGEWT. Since rounding and missing data sometimes result in the weighted number of cases differing slightly from the actual number, SEXAGEWT is adjusted slightly with ADJWT to ensure that the number of cases for each region in the weighted data set is the same as the actual number of interviews completed. Detroit continues to be a separate stratum to this point, but a new variable MSUEREGN was constructed to fold Detroit proportionately into the Southeast region within

that variable. A new weighting variable (MSUEWT) was constructed to represent Detroit proportionately correctly within the southeast MSUEREGN.

Finally, each case was weighted so that the proportion of cases from each region in the total sample matched the proportion of adults from the corresponding region in the state's population based on the 2010-2014 American Community Survey 5-year estimates. The weighting factor for this post-stratification weighting in the data set is named STATEWT.

Once the sample was weighted by STATEWT, it was compared against the American Community Survey-based distribution of gender, race, and age, and against the regional distribution of Michigan residents 18 and older. A second iteration of weighting was conducted to bring most sample means within 1% of the population values. The final weighting factor is named STATEWT2.

It is important to note that these weight factors were constructed sequentially and build on the earlier steps. Thus, SEXAGEWT weights cases adjusting for the number of phone lines, the number of adults in the household, the landline vs. cell phone proportions, the race category proportions within the state, and the gender x age category proportions within state. STATEWT weights cases by all of those adjustments implied by SEXAGEWT and adjusts the proportions of cases across regions. **For developing statewide results**, the user should use the data weighted by STATEWT2. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the data weighted by ADJWT2. **To compare directly the original MSUE regions**, the data should be weighted by MSUEWT2.

Regions are defined as follows:

1. Upper Peninsula: Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Ontonagon, Mackinac, Marquette, Menominee, Schoolcraft
2. Northern Lower Peninsula: Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, Wexford
3. West Central: Allegan, Barry, Ionia, Kent, Lake, Manistee, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola, Ottawa
4. East Central: Arenac, Bay, Clare, Clinton, Gladwin, Gratiot, Huron, Isabella, Midland, Saginaw, Sanilac, Shiawassee, Tuscola
5. Southwest: Berrien, Branch, Calhoun, Cass, Eaton, Hillsdale, Ingham, Jackson, Kalamazoo, St. Joseph, Van Buren
6. Southeast: Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, Wayne [excluding Detroit]
7. Detroit

Sampling Error. The sampling error can be estimated for each region and for the state as a whole at the 95% confidence level as follows:

$$\text{Confidence Interval} = \pm 1.96\sqrt{((P \times Q)/(n-1))}$$

where n is the number of cases within the region or the total sample, P is the proportion of cases giving a particular response, and Q is 1-P. While this may vary from question to question depending on the pattern of answers, the largest margin of error would occur when P is .5 and Q is .5. Therefore, the margins of error for each region and the total statewide sample can be estimated as:

Region	Number of Cases	Margin of Sampling Error	
		SRS*	w/ Design Effects
1. Upper Peninsula	33	± 17.3%	± 21.3%
2. Northern Lower Peninsula	64	± 12.3%	± 13.2%
3. West Central	119	± 9.0%	± 12.0%
4. East Central	97	± 10.0%	± 11.3%
5. Southwest	170	± 7.5%	± 8.3%
6. Southeast	417	± 4.8%	± 6.2%
7. Detroit	63	± 12.4%	± 14.6%
Statewide Total	963	± 3.2%	± 3.9%

Taking the Design Effects from landlines vs. cell phone, listed vs. unlisted, and across regions into account, the overall margin of sampling error statewide is ± 3.9%.

7. Field Procedures

CATI System. Interviews were conducted using the Computer Assisted Telephone Interviewing system (CATI) of IPPSR's Office for Survey Research (OSR). OSR uses the Computer Assisted Survey Execution System (CASES, version 5.5) software for its CATI system. CASES was developed by the University of California–Berkeley, the U.S. Census Bureau, and the U.S. Department of Agriculture. In a CATI system, the completed interview is scripted and then programmed so that, when executed from a computer workstation, the questions or instructions are presented to the interviewer on the computer screen, in order. The program then indicates what numeric codes or text the interviewer is allowed to enter as responses to each of the questions. When entered, the responses are stored directly into the data set for the study.

The CASES software enables the interview to be fully programmable. The software integrates both closed-ended questions and open-ended questions. The software allows interviewers to record notes along with responses to closed questions. By default, the software moves directly from one item to the next in the sequence, unless specific program commands are inserted to direct the execution path elsewhere. Different skip commands can be associated with separate responses to the same questions. For example, the interview can be directed to a separate battery of follow-up questions if the respondent answers "<1> YES" to a question on smoking cigarettes, and to an entirely different series of questions if the respondent answers "<5> NO." Commands can also be inserted between questions to direct the interview to a particular battery of questions, based on the combination of responses to two or more previously answered questions. These

programming features minimize the opportunities for many errors, since inappropriate questions will not be asked and, as a result, appreciably less editing is necessary after the interview.

Interviewers and Interviewer Training. New interviewers received approximately 15 hours of training, including a shift of practice interviewing. Each interviewer trainee received a training manual with instructions on techniques and procedures, copies of all relevant forms, and descriptions of operations. The OSR telephone interviewing training package was developed using "General Interviewing Techniques: A Self-Instructional Workbook for Telephone and Personal Interviewer Training", by P. J. Guenzel, T. R. Berckmans, and C. F. Cannell (1983) of the Survey Research Center, Institute for Social Research, University of Michigan.

Experienced interviewers received approximately two hours of study-specific training to acquaint them with the study protocols, the interview instrument, and the objectives of the various questions. New interviewers were also given this information as a part of their training. Approximately 48 different interviewers were involved in data collection on round 75 of the State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on September 14, 2017, and continued through January 18, 2018. Telephone numbers for which a directory listing was available were sent an advance letter roughly one week prior to the time at which an initial call attempt would be made.

In the portion of the sample that involved re-interviewing respondents from the previous SOSS, interviewers asked to speak with that person when they contacted the household. When interviewers successfully contacted a household in the new RDD portion of the sample, the study procedures required them to randomly select an adult from among those residing in the household to be the respondent. The Trohldal-Carter technique was used as the mechanism for choosing a respondent within each household.

Telephone numbers were called across times of the day and days of the week. If no contact had been made with someone at the number after a minimum of nine call attempts, the call schedule for that case was reviewed by a supervisor to see that it had been tried across a variety of time periods. If it had not, the supervisor would re-release the number for additional calling in time periods that had not been tried. If, after additional calls were made, still no contact was made, the number was retired as a non-working number. If the review of the case indicated that it had been tried at various times and days, the supervisor might finalize the case as non-working, or might release it for up to six additional tries. In the case contact was established, the number would continue to be tried until the maximum number of call attempts were made or the interview was completed, the interview was refused, or the case was determined to be ineligible or incapable. The maximum number of calls was 8 for new landline RDD cases, 10 for new cell phone RDD cases, and 12 for landline and cell cases re-contacted from SOSS 73.

If an interview could not be fully completed (i.e., the respondent did not answer all questions), but all questions necessary for weighting had already been answered, the case was considered partially complete and included in the dataset.

The average interview lasted 27.92 minutes (standard deviation= 7.452) with a median of 26 minutes. In the case of an initial refusal, numbers were called back after three days (although this was shortened as the end of the field period neared). Efforts were made to persuade initially reluctant respondents to complete the interview.

Completion Rate. A total of 963 interviews were completed (874 fully complete, 89 partially complete), 120 with landline participants re-contacted from the SOSS 73 survey, 101 with cell participants re-contacted from the SOSS 73 survey, 358 with new landline RDD participants, and 384 with new cell phone RDD participants. The overall completion rate among eligible respondents was 30.2% (25.7% in the new landline RDD segment, 26.4% in the new cell phone RDD segment, and 63.9% in the re-contact segment).

These rates are based on computation and classification coding developed by the advisory team for SOSS. Since then, the American Association of Public Opinion Research has published Standard Definitions as a guide to developing more nearly standard formulas for computing response rates, cooperation rates, refusal rates, and contact rates. Using AAPOR's formula RR4, the response rate for SOSS 75 was 19.7%, the refusal rate (REF2) was 10.4%, the cooperation rate (COOP4) was 65.5%, and the contact rate (CON3) was 68.0%.

Of those completing the interview, the mean number of calls required was 3.77 (4.28 among the re-contact cases, 3.23 among the new landline RDD cases, and 3.95 among the new cell phone RDD cases). Interviewers made a total of 93,467 calls to complete the 963 interviews.

The refusal rate was 8.9%.

8. Documentation Available

The following documentation is available for this survey:

- a. Methodological Report
- b. Questionnaire (included in Methodological Report)
- c. SPSS commands to read the ASCII data set (included in Methodological Report)
- d. SPSS commands for weighting cases (included in Methodological Report)
- e. Weighted Codebook

9. Data Format and Archiving

Data are available in SPSS, STATA, and Excel formats, with weight variables included.

10. CATI Questionnaire (New RDD)

>CONSENT< [loc 0/700][setkey <f5> to <h number>][optionbuttons on hide textbox hide codes]

Before we begin, let me tell you that this interview is completely voluntary. You may choose not to participate and you may end your participation at any time without penalty. Should we come to any question that makes you feel too uncomfortable or you do not want to answer, just let me know and we can go on to the next question.

Information collected for this study will be kept confidential to the extent allowed by local, state and federal law, and no reference will be made in any oral or written report that would link you individually to this study. If you have any questions about this study or would like contact information for the investigators, you can ask me at any time.

This call may be recorded or monitored for quality assurance.

[red]IWER: IF THE RESPONDENT WANTS CONTACT INFORMATION FOR THE PROJECT MANAGER, THE PRINCIPAL INVESTIGATOR, OR THE IRB, THAT INFORMATION IS AVAILABLE IN THE FAQ WHICH CAN BE ACCESSED BY USING 'F4'[n]

<1> [commandbutton <CONSENT READ>]

@

>Tcore1< [allow 4]
>Tcore1start< [allow 4]
>Tcore1stop< [allow 4]

>Tcore2< [allow 4]
>Tcore2start< [allow 4]
>Tcore2stop< [allow 4]

>Tcore3< [allow 4]
>Tcore3start< [allow 4]
>Tcore3stop< [allow 4]

>Tcore4< [allow 4]
>Tcore4start< [allow 4]
>Tcore4stop< [allow 4]

>Tvote< [allow 4]
>Tvotestart< [allow 4]
>Tvotestop< [allow 4]

>Tkubiak< [allow 4]
>Tkubiakstart< [allow 4]
>Tkubiakstop< [allow 4]

>Tcotten< [allow 4]
>Tcottenstart< [allow 4]
>Tcottenstop< [allow 4]

>Tmoore< [allow 4]
>Tmoorestart< [allow 4]
>Tmoorestop< [allow 4]

>Thouser< [allow 4]
>Thouserstart< [allow 4]
>Thouserstop< [allow 4]

>ID1< [allow 5][loc 18/1][store csid in ID1]
>R1< [allow 1][preset <1>]
>cnty< [allow 5][inputloc 1/23]
>regn< [allow 1][inputloc 1/29]

- 1 upper pen
- 2 northern
- 3 west central
- 4 east central
- 5 southwest

6 southeast
7 Detroit

```
>randvote1< [allow 1][inputloc 1/121]
>randvote2< [allow 1][inputloc 1/122]
>randcotten< [allow 1][inputloc 1/123]
>rand4< [allow 1][inputloc 1/124]
>rand5< [allow 1][inputloc 1/125]
>rand6< [allow 1][inputloc 1/126]

>city2< [allow 20][inputloc 1/92]

>listed< [allow 1][inputloc 1/120][call CMD quiet][store <1> in record_on][make CMD from <krc.bat>
< > FN] 1=listed 2=unlisted

>CC1< [settime Tcorelstart]
```

First, I'd like to ask you a few questions about how things are going for Michigan residents in general.

Would you say that you (and your family living with you) are **better off** or **worse off** financially than you were a year ago?

<1> BETTER OFF
<3> ABOUT THE SAME (R PROVIDED)
<5> WORSE OFF

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>CC2<

Now looking ahead, do you think that **a year from now**, you and your family living with you will be **better off** financially or **worse off** financially?

<1> BETTER OFF
<3> ABOUT THE SAME (R PROVIDED)
<5> WORSE OFF

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>CC3<

How would you rate your household's **overall financial** situation these days?

Would you say it is excellent, good, just fair, not so good, or poor?

<1> EXCELLENT
<2> GOOD
<3> JUST FAIR
<4> NOT SO GOOD
<5> POOR

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>CC4<

During the **next twelve months**, do you think the rate of inflation in this country will go up, will go down, or will stay about the same as it was in the

[bold]past 12 months[n]?

[green]IWER: IF R ASKS FOR CLARIFICATION/DEFINITION OF 'INFLATION' PLEASE RESPOND "WHATEVER IT MEANS TO YOU"[n]

- <1> GO UP
- <3> GO DOWN
- <5> STAY ABOUT THE SAME

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>CC5<

[bold]Twelve months from now[n], do you expect the unemployment situation in this country to be [bold]better than[n], [bold]worse than[n], or [bold]about the same[n] as it was in the last 12 months?

- <1> BETTER THAN
- <3> WORSE THAN
- <5> ABOUT THE SAME

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>CC6<

Now turning to business conditions in your community, do you think that during the [bold]next twelve months[n] your community will have [bold]good times[n] financially, or [bold]bad times[n] financially?

- <1> GOOD TIMES
- <3> BAD TIMES
- <5> NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME (R PROVIDED)

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>PO1< [settime Tcore1stop][subtime Tcore1start from Tcore1stop into Tcore1][settime Tcore2start]

The next couple of questions are about our elected officials.

Overall, how would you rate the way [bold]Donald Trump[n] is performing his job as [bold]President[n]?

Would you say excellent, good, fair, or poor?

- <1> EXCELLENT
- <2> GOOD
- <3> FAIR
- <4> POOR

- <8> [commandbutton <DO NOT KNOW>]
- <9> [commandbutton <REFUSED THIS QUESTION>]

@

>PO2<

How would you rate the way [bold]Rick Snyder[n] is performing his job as Michigan's [bold]Governor[n]?

Would you say excellent, good, fair, or poor?

- <1> EXCELLENT
- <2> GOOD
- <3> FAIR
- <4> POOR

- <8> [commandbutton <DO NOT KNOW>]
- <9> [commandbutton <REFUSED THIS QUESTION>]

@

>CD1< [loc 19/1][settime Tcore2stop][subtime Tcore2start from Tcore2stop into Tcore2][settime Tcore3start]

Now, I have some background questions for you.

[bold][green]RECORD PERSONS GENDER AT THIS SCREEN: IF UNSURE USE THIS PROBE:
I need to verify that I am speaking with a (male/female) adult?[n]

- <1> MALE
- <2> FEMALE

@

>CD2<

In what year were you born?

- 19 <10-99>

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>CD3<

What is the highest level of education you have completed?

- <0> DID NOT GO TO SCHOOL
- <1> 1st GRADE
- <2> 2nd GRADE
- <3> 3rd GRADE
- <4> 4th GRADE
- <5> 5th GRADE
- <6> 6th GRADE
- <7> 7th GRADE
- <8> 8th GRADE
- <9> 9th GRADE
- <10> 10th GRADE
- <11> 11th GRADE

- <12> HIGH SCHOOL GRADUATE OR GED HOLDER

- <13> 1st YEAR COLLEGE
- <14> 2nd YEAR COLLEGE
- <20> TECHNICAL/JUNIOR COLLEGE GRADUATE
- <15> 3rd YEAR COLLEGE
- <16> COLLEGE GRADUATE (FOUR YEARS)
- <17> SOME POST GRADUATE
- <18> GRADUATE DEGREE

- <98>[commandbutton <DO NOT KNOW>]
- <99>[commandbutton <REFUSED THIS QUESTION>]

@

>CD5a<

Are you of Hispanic, Latino, Latina, or Spanish origin?

<1> YES-HISPANIC/LATINO/SPANISH ORIGIN
<5> NO-NOT HISPANIC/LATINO/SPANISH ORIGIN

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>CD4< [open @a][open @b][open @c][open @d][open @e][open @f][open @g][open @done]

What is your race?

(Would you say white or Caucasian, African American or black, Hawaiian or other Pacific Islander, Asian, or American Indian or Alaska Native?)

[red]IWER: CHECK ALL THAT APPLY - IF R REFUSES THE QUESTION PLEASE SELECT REFUSED[n]

@a WHITE OR CAUCASIAN
@b AFRICAN AMERICAN OR BLACK
@c HAWAIIAN OR OTHER PACIFIC ISLANDER
@d ASIAN
@e AMERICAN INDIAN OR ALASKA NATIVE
@f OTHER
@g REFUSED

[nodata button <DONE>] @done

[@a][checkbox] <1> YES <5> NO
[@b][checkbox] <1> YES <5> NO
[@c][checkbox] <1> YES <5> NO
[@d][checkbox] <1> YES <5> NO
[@e][checkbox] <1> YES <5> NO
[@f][checkbox] <1> YES <5> NO
[@g][checkbox] <1> YES <5> NO

>CD6<

What is the religious group which you feel most closely represents your religious views?

(Is it Catholic, Islamic, Jewish, Protestant, some other religion, or no religion?)

[green]IWER: IF R SAYS "CHRISTIAN" PLEASE PROBE ONCE WITH
"COULD YOU BE MORE SPECIFIC?" IF RESPONSE IS "JUST CHRISTIAN" CODE
AS "OTHER CHRISTIAN".[n]

[green]IWER: IF R SAYS "NON-DENOMINATIONAL" PLEASE PROBE WITH
"ARE YOU NON-DENOMINATIONAL CHRISTIAN, OR ANOTHER FAITH?"
IF NON-DENOMINATIONAL CHRISTIAN, CODE AS "OTHER CHRISTIAN"[n]

<0> NONE; NO RELIGIOUS GROUP (include: Atheist, Agnostic)
<1> CATHOLIC; ROMAN CATHOLIC, ORTHODOX
<2> ISLAMIC/MUSLIM
<3> JEWISH
<4> PROTESTANT (include: Baptist, Methodist, Lutheran, Episcopalian, etc)
<5> OTHER NON-CHRISTIAN (include: Unitarian-Universalist, Hindu, Druid)
<6> OTHER CHRISTIAN (include: Jehovah Witness, Mormon, 7th Day Adventist, etc)

<90>[specify][commandbutton <SPECIFY:OTHER>]

<98>[commandbutton <DO NOT KNOW>]
<99>[commandbutton <REFUSED THIS QUESTION>]

@

>CD7<

Generally speaking, do you think of yourself as a Republican, a Democrat, an Independent or something else?

<1> REPUBLICAN
<4> INDEPENDENT
<7> DEMOCRAT

<0> ANOTHER PARTY, THIRD PARTY, ETC

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if CD7@a eq <1>]

Would you call yourself a strong Republican or not a very strong Republican?

<1> STRONG REPUBLICAN
<2> NOT A VERY STRONG REPUBLICAN

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

[if CD7@a eq <7>]

Would you call yourself a strong Democrat or not a very strong Democrat?

<7> STRONG DEMOCRAT
<6> NOT A VERY STRONG DEMOCRAT

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@c

[endif]

[if CD7@a eq <4> or CD7@a eq <0>]

Do you generally think of yourself as closer to the Democratic Party or the Republican Party?

<3> REPUBLICAN
<4> NEITHER (R PROVIDED)
<5> DEMOCRAT

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@d

[endif]

>partyid< [allow 1]

[if CD7@b eq <1>][store <1> in partyid][endif] 1 strong republican
[if CD7@b eq <2>][store <2> in partyid][endif] 2 not strong rep
[if CD7@a eq <8>][store <8> in partyid][endif] 3 lean republican
[if CD7@a eq <9>][store <9> in partyid][endif] 4 neither
[if CD7@c eq <6>][store <6> in partyid][endif] 5 lean democrat
[if CD7@c eq <7>][store <7> in partyid][endif] 6 not strong dem
[if CD7@d eq <3>][store <3> in partyid][endif] 7 strong democrat

```
[if CD7@d eq <4>][store <4> in partyid][endif]
[if CD7@d eq <5>][store <5> in partyid][endif]
[#if CD7@a eq <0>][#store <0> in partyid][#endif]
```

>P17<

Generally speaking, do you think of yourself as a conservative, a moderate, or a liberal?

```
<1> CONSERVATIVE
<4> MODERATE
<7> LIBERAL
```

```
<0> OTHER
```

```
<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]
```

@a

```
[if P17@a eq <1>]
```

Would you consider yourself very conservative or somewhat conservative?

```
<1> VERY CONSERVATIVE
<2> SOMEWHAT CONSERVATIVE
```

```
<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]
```

@b

```
[endif]
[if P17@a eq <7>]
```

Would you consider yourself very liberal or somewhat liberal?

```
<7> VERY LIBERAL
<6> SOMEWHAT LIBERAL
```

```
<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]
```

@c

```
[endif]
```

```
[if P17@a eq <4> or P17@a eq <0>]
```

Do you generally think of yourself as closer to the conservative side or the liberal side?

```
<3> CLOSER TO THE CONSERVATIVE
<4> IN THE MIDDLE
<5> CLOSER TO THE LIBERAL SIDE
```

```
<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]
```

@d

```
[endif]
```

>ideology< [allow 1]

```
[if P17@b eq <1>][store <1> in ideology][endif] 1 very conservative
[if P17@b eq <2>][store <2> in ideology][endif] 2 somewhat conservative
[if P17@a eq <8>][store <8> in ideology][endif] 3 lean conservative
[if P17@a eq <9>][store <9> in ideology][endif] 4 middle
[if P17@c eq <6>][store <6> in ideology][endif] 5 lean liberal
[if P17@c eq <7>][store <7> in ideology][endif] 6 somewhat liberal
```

```
[if P17@d eq <3>][store <3> in ideology][endif] 7 very liberal
[if P17@d eq <4>][store <4> in ideology][endif]
[if P17@d eq <5>][store <5> in ideology][endif]
```

>CD8<

Are you currently married, divorced, separated, widowed, a member of an unmarried couple, or have you never been married?

```
<1> MARRIED, REMARRIED
<2> DIVORCED
<3> SEPARATED
<4> WIDOWED
<5> MEMBER OF AN UNMARRIED COUPLE
<6> SINGLE, NEVER BEEN MARRIED

<0>[specify][commandbutton <SPECIFY:OTHER>]

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]
```

@

```
>married< [allow 1][store <0> in married]
  [if CD8 eq <1>][store <1> in married][endif]
  [if CD8 eq <5>][store <1> in married][endif]
```

>CD10< [#store adult in CD10][#goto CD11]

Including yourself, how many individuals who are 18 years of age or older live in your household?

```
<1-13> NUMBER OF ADULTS

<98>[commandbutton <DO NOT KNOW>]
<99>[commandbutton <REFUSED THIS QUESTION>]
```

@

>CD11<

How many children under the age of 18 currently live in your household?

```
<0-20> NUMBER OF CHILDREN

<98>[commandbutton <DO NOT KNOW>]
<99>[commandbutton <REFUSED THIS QUESTION>]
```

@

>CD15<

We are interested in learning about the different ways people may earn their living. Last week, were you working full-time, part-time, going to school, a homemaker, or something else?

[bold][green]IWER: IT IS IMPORTANT TO MAKE EVERY EFFORT TO PRE-CODE RESPONDENT RESPONSE. IF R STATES ANYTHING THAT YOU ARE UNSURE HOW TO CODE SUCH AS 'SELF EMPLOYED, FREELANCE, CONTRACT WORKER' - PROBE WITH "Would you say that is more of a full time or part time job".[n]

```
<1> WORK FULL TIME
<2> WORK PART TIME

<3> WORK AND GO TO SCHOOL
<4> THE ARMED FORCES
<5> HAVE A JOB, BUT NOT AT WORK LAST WEEK (ON VACATION, SICK LEAVE, ETC)
```

<6> UNEMPLOYED, LAID OFF, LOOKING FOR WORK
<7> RETIRED

<11> SEMI-RETIRED, RETIRED AND WORKING PART-TIME

<8> SCHOOL FULL TIME
<9> HOMEMAKER
<10> DISABLED

<0> [specify] [commandbutton <SPECIFY:OTHER>]

<98>[commandbutton <DO NOT KNOW>]
<99>[commandbutton <REFUSED THIS QUESTION>]

@

>UN1< [if CD15 ge <6> goto UN2]

Are you [bold]currently[n] a member of a union or are you represented by a union?

<1> [goto UN3]YES
<5> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>UN2<

Have you [bold]ever[n] been a member of a union or represented by a union?

<1> YES
<5> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>UN3< [if CD10 eq <1> goto inca]

Is anyone else in your household a member of a union or represented by a union?

<1> YES
<5> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>inca<

To get a picture of people's financial situations, we'd like to know the general [bold]range of incomes[n] of all households we interview. This is for statistical analysis purposes and your answers will be kept strictly confidential.

Now, thinking about your [bold]household's[n] total annual income from all sources (including your job), did your household receive \$40,000 or more in 2016?

<1>[goto incd] YES
<5>[goto incb] NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]

@

>incb<

Was it less than \$20,000?

<1> [goto incc] YES
<5> [goto incca] NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>incca<

What is less than \$30,000?

<1>[goto income] YES
<5>[goto income] NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>incc<

Was it less than \$10,000?

<1>[goto income] YES
<5>[goto income] NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>incd<

Was it \$60,000 or more?

<1> [goto incg] YES
<5> [goto incf] NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>incf<

Was it \$50,000 or more?

<1>[goto income] YES
<5>[goto income] NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>incg<

Was it more than \$100,000?

<1>[goto inci] YES
<5> NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>inch<

Was it more than \$70,000?

<1> YES
<5> [goto income]NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>incha<

Was it more than \$90,000?

<1> [goto income]YES
<5> [goto income]NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>inci<

Was it more than \$150,000?

<1> [goto income]YES
<5> [goto income]NO

<8> [goto income][commandbutton <DO NOT KNOW>]
<9> [goto income][commandbutton <REFUSED THIS QUESTION>]
@

>income< [allow 2]

>CD26<

How many [bold]different[n] phone numbers does your household have, not including cell phones?

<1-10> NUMBER OF PHONE NUMBERS

<98>[commandbutton <DO NOT KNOW>]
<99>[commandbutton <REFUSED THIS QUESTION>]

@

>X1<

Would you say you live in a rural community, a small city or town, a suburb, or an urban community?

<1> RURAL COMMUNITY
<2> SMALL CITY OR TOWN, VILLAGE
<3> A SUBURB
<4> URBAN COMMUNITY

<0>[specify][commandbutton <SPECIFY:OTHER>]

<8> [commandbutton <DO NOT KNOW>]
<9> [commandbutton <REFUSED THIS QUESTION>]

@

>zipcode< [allow 5]

What is your zip code?

[green]IWER: IF R ASKS WHY, PLEASE RESPOND

"We want to know the general area in the State where people live so that we can compare information from residents in different areas of the state." [n]

ZIP CODE - 48000 - 49999

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

[@] <48000-49999> ZIP CODE

>demo_county< [optionbuttons on hide textbox hide codes]
What county do you live in?

[red] (A-E) [n]	[red] (G-L) [n]	[red] (S-W) [n]	
<1> ALCONA	<49> GENESEE	<97> MACKINAC	<145> SAGINAW
<3> ALGER	<51> GLADWIN	<99> MACOMB	<147> ST.
CLAIR			
<5> ALLEGAN	<53> GOGEBIC	<101> MANISTEE	<149> ST.
JOSEPH			
<7> ALPENA	<55> GRAND TRAVERSE	<103> MARQUETTE	<151> SANILAC
<9> ANTRIM	<57> GRATIOT	<105> MASON	<153>
SCHOOLCRAFT			
<11> ARENAC	<59> HILLSDALE	<107> MECOSTA	<155>
SHIAWASSEE			
<13> BARAGA	<61> HOUGHTON	<109> MENOMINEE	<157> TUSCOLA
<15> BARRY	<63> HURON	<111> MIDLAND	<159> VAN
BUREN			
<17> BAY	<65> INGHAM	<113> MISSAUKEE	<161>
WASHTENAW			
<19> BENZIE	<67> IONIA	<115> MONROE	<163> WAYNE
<21> BERRIEN	<69> IOSCO	<117> MONTCALM	<165> WEXFORD
<23> BRANCH	<71> IRON	<119> MONTMORENCY	
<25> CALHOUN	<73> ISABELLA	<121> MUSKEGON	
<27> CASS	<75> JACKSON	<123> NEWAYGO	<777> DO NOT
KNOW			
<29> CHARLEVOIX	<77> KALAMAZOO	<125> OAKLAND	<999> REFUSED
<31> CHEBOYGAN	<79> KALKASKA	<127> OCEANA	<0>[specify]
GAVE CITY ONLY			
<33> CHIPPEWA	<81> KENT	<129> OGEMAW	
<35> CLARE	<83> KEWEENAW	<131> ONTONAGON	
<37> CLINTON	<85> LAKE	<133> OSCEOLA	
<39> CRAWFORD	<87> LAPEER	<135> OSCODA	
<41> DELTA	<89> LEELANAU	<137> OTSEGO	
<43> DICKINSON	<91> LENAWEЕ	<139> OTTAWA	
<45> EATON	<93> LIVINGSTON	<141> PRESQUE ISLE	
<47> EMMET	<95> LUCE	<143> ROSCOMMON	@

[@][allow int 3][input format zero fill]

>demo_Detroit< [if demo_county ne <163> goto cellular2]

Do you live in the city of Detroit?

<1> YES [goto demo_cell1]

<2> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

[@][allow int 1]

>cellular2<

In which village, city or township do you reside?

[green]IWER: IF R ASKS WHY, PLEASE RESPOND

"We want to know the general area in the State where people live so that we can compare information from residents in different areas of the state." [n]

<0>[specify][commandbutton <SPECIFY>]

<98>[commandbutton <DO NOT KNOW>]

<99>[commandbutton <REFUSED THIS QUESTION>]

@

>demo_cell1< [optionbuttons on hide textbox hide codes]

Do you have a cell phone for personal use? Please include cell phones used for both business and personal use.

<1> YES

<2> NO [goto demo_cell_skip]

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>demo_cell4< [optionbuttons on hide codes]

Thinking about all the phone calls that you receive on your landline and cell phone, what percent, between 0 and 100, are received on your cell phone?

<777> [commandbutton <ZERO, NONE>]

<888>[commandbutton <DO NOT KNOW>]

<999>[commandbutton <REFUSED THIS QUESTION>]

@ PERCENT OF CALLS (1 to 100)

[@][allow int 3][input format zero fill] <1-100>

>demo_cell_skip< [optionbuttons on hide textbox hide codes]

>vote1a< [settime Tcore3stop][subtime Tcore3start from Tcore3stop into Tcore3][settime Tvote1start][if randvote1 eq <2> goto vote1b]

In 2018, Michigan will have elections for governor and U.S. Senate.

In the race for Governor, if the election were held today and the candidates were Gretchen Whitmer, a Democrat; and Brian Calley, a Republican, who would you be most likely to vote for?

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY [n]

<1> GRETCHEN WHITMER (DEMOCRAT)

<2> BRIAN CALLEY (REPUBLICAN)

<3> OTHER (R VOLUNTEERED)

<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>votelah< [if votela ne <8> goto votelb]

If you absolutely had to decide today, who are you most leaning toward?
Gretchen Whitmer, a Democrat; or Brian Calley, a Republican?

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT
ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> GRETCHEN WHITMER (DEMOCRAT)
- <2> BRIAN CALLEY (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)
- <8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>votelb< [if randvotel eq <1> goto vote2a]

In 2018, Michigan will have elections for governor and U.S. Senate.

In the race for Governor, if the election were held today and the candidates were
Gretchen Whitmer, a Democrat; and Bill Schuette, a Republican, who would you be
most likely to vote for?

[green]IWER: 'SCHUETTE' IS PRONOUNCED LIKE 'SHOO-TEE'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT
ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> GRETCHEN WHITMER (DEMOCRAT)
- <2> BILL SCHUETTE (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)
- <8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>votelbh< [if votelb ne <8> goto vote2a]

If you absolutely had to decide today, who are you most leaning toward?
Gretchen Whitmer, a Democrat; or Bill Schuette, a Republican?

[green]IWER: 'SCHUETTE' IS PRONOUNCED LIKE 'SHOO-TEE'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT
ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> GRETCHEN WHITMER (DEMOCRAT)
- <2> BILL SCHUETTE (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)
- <8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote2a< [goto vote2a2][if randvote2 eq <2> goto vote2b]

In the race for Senate, if the election were held today and the candidates were
Debbie Stabenow, a Democrat; and Robert Ritchie, also known as Kid Rock,
a Republican, who would you be most likely to vote for?

[green]IWER: 'STABENOW' IS PRONOUNCED 'STAB-UH-NOW'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> DEBBIE STABENOW (DEMOCRAT)
- <2> ROBERT RITCHIE/KID ROCK (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)
- <8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote2ah< [if vote2a ne <8> goto vote2b]

If you absolutely had to decide today, who are you most leaning toward? Debbie Stabenow, a Democrat; and Robert Ritchie, also known as Kid Rock, a Republican?

[green]IWER: 'STABENOW' IS PRONOUNCED 'STAB-UH-NOW'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> DEBBIE STABENOW (DEMOCRAT)
- <2> ROBERT RITCHIE/KID ROCK (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)
- <8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote2a2< [loc 22/1][if randvote2 eq <2> goto vote2b]

In the race for Senate, if the election were held today and the candidates were Debbie Stabenow, a Democrat; and Fred Upton, a Republican, who would you be most likely to vote for?

[green]IWER: 'STABENOW' IS PRONOUNCED 'STAB-UH-NOW'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> DEBBIE STABENOW (DEMOCRAT)
- <2> FRED UPTON (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)
- <8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote2a2h< [if vote2a2 ne <8> goto vote2b]

If you absolutely had to decide today, who are you most leaning toward? Debbie Stabenow, a Democrat; and Fred Upton, a Republican?

[green]IWER: 'STABENOW' IS PRONOUNCED 'STAB-UH-NOW'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

- <1> DEBBIE STABENOW (DEMOCRAT)
- <2> FRED UPTON (REPUBLICAN)
- <3> OTHER (R VOLUNTEERED)

<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote2b< [loc 19/73][if randvote2 eq <1> goto votel1]

In the race for Senate, if the election were held today and the candidates were Debbie Stabenow, a Democrat; and Robert Young, a Republican, who would you be most likely to vote for?

[green]IWER: 'STABENOW' IS PRONOUNCED 'STAB-UH-NOW'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

<1> DEBBIE STABENOW (DEMOCRAT)

<2> ROBERT YOUNG (REPUBLICAN)

<3> OTHER (R VOLUNTEERED)

<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote2bh< [if vote2b ne <8> goto votel1]

If you absolutely had to decide today, who are you most leaning toward? Debbie Stabenow, a Democrat; and Robert Young, a Republican?

[green]IWER: 'STABENOW' IS PRONOUNCED 'STAB-UH-NOW'[n]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION WITH DIFFERENT ANSWER OPTIONS AND ORDER; PLEASE READ CAREFULLY[n]

<1> DEBBIE STABENOW (DEMOCRAT)

<2> ROBERT YOUNG (REPUBLICAN)

<3> OTHER (R VOLUNTEERED)

<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>votel1<

There may also be several ballot initiatives in 2018.

If the election were held today, would you be likely to vote for or against a ballot initiative to make Michigan's state legislature part-time?

<1> VOTE FOR/PART-TIME

<2> VOTE AGAINST/KEEP FULL-TIME

<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>votel1h< [if votel1 ne <8> goto votel2]

If you absolutely had to decide today, would you be likely to vote for or against a ballot initiative to make Michigan's state legislature part-time?

<1> VOTE FOR/PART-TIME
<2> VOTE AGAINST/KEEP FULL-TIME
<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote12<

If the election were held today, would you be likely to vote for or against a ballot initiative to create an independent commission to draw legislative districts?

<1> VOTE FOR/CREATE COMMISSION/END GERRYMANDERING
<2> VOTE AGAINST/DON'T CHANGE ANYTHING
<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote12h< [if vote12 ne <8> goto vote13]

If you absolutely had to decide today, would you be likely to vote for or against a ballot initiative to create an independent commission to draw legislative districts?

<1> VOTE FOR/CREATE COMMISSION/END GERRYMANDERING
<2> VOTE AGAINST/DON'T CHANGE ANYTHING
<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote13<

If the election were held today, would you be likely to vote for or against a ballot initiative legalizing marijuana in Michigan?

<1> VOTE FOR/LEGALIZE
<2> VOTE AGAINST/KEEP ILLEGAL
<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>vote13h< [if vote13 ne <8> goto kubiak11]

If you absolutely had to decide today, would you be likely to vote for or against a ballot initiative legalizing marijuana in Michigan?

<1> VOTE FOR/LEGALIZE
<2> VOTE AGAINST/KEEP ILLEGAL
<8> UNDECIDED/DO NOT KNOW (R VOLUNTEERED)

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak11< [settime Tvote] [subtime Tvote from Tvote into Tvote] [settime Tkubiakstart] [goto kubiak13]

Now I'm going to ask some questions about crime. As far as you know, have any of your friends been a victim of crime in the past 5 years?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak12<

And as far as you know, have any of your family members been a victim of crime in the past 5 years?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak13<

Now I'm going to ask some questions about crime.

And have you personally been a victim of crime in the past 5 years?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak14< [if kubiak13 ne <1> goto cotten01]

And how much would you say that the quality of home life for you and your family are affected by crime in your area - very affected, somewhat affected, just slightly affected, or not at all affected?

<1> VERY AFFECTED
<2> SOMEWHAT AFFECTED
<3> JUST SLIGHTLY AFFECTED
<4> NOT AT ALL AFFECTED

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak14@a eq <1>]

And how much would you say that the quality of work life for you and your family is affected by crime in your area - very affected, somewhat affected, just slightly affected, or not at all affected?

<1> VERY AFFECTED
<2> SOMEWHAT AFFECTED
<3> JUST SLIGHTLY AFFECTED
<4> NOT AT ALL AFFECTED

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak15<[goto kubiak23]

And in the area where you live, how safe do you feel, do you feel very safe, somewhat safe, somewhat unsafe, or very unsafe?

- <1> VERY SAFE
- <2> SOMEWHAT SAFE
- <3> SOMEWHAT UNSAFE
- <4> VERY UNSAFE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak101<

Do you think we should be more focused on punishing people who commit crimes or rehabilitating people who commit crimes?

- <1> PUNISHING
- <2> REHABILITATING
- <3> PUNISHED AND REHABILITATED (R VOLUNTEERED)

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak23<

Now I have a few more questions about the incident or incidents in which you were a victim of crime.

In order to better understand those affected by crime; I am going to ask you some questions about the specifics of the crime or crimes.

First, I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.

Someone taking or trying to take something from you, and using force or the threat of force to do so

- <1> YES
- <2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak23@a eq <1>]

Did you happen to report it to the police?

- <1> YES
- <2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak24<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone injuring you including injuries with a weapon, physical force, or heavy object

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak24@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak25<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone forcing you, or trying to force you to have sex with them

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak25@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak26<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone following you, spying on you, or sending you unwanted email, texts, phone calls, or other correspondence

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak26@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak27<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone stealing or trying to steal anything that belongs to you

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak27@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak28<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone breaking into or trying to break into your home

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak28@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak29<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone vandalizing your property

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak29@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak30<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone using or trying to use your personal information, credit card, or other accounts without your permission

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak30@a eq <1>]

Did you happen to report it to the police?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak31<

(I'm going to read you a list of types of crime. For each I read, please tell me if it is something that you personally have experienced in the past five years. If not, just say so and we'll move on.)

Someone killing an immediate family member

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak32count< [allow int 2]

>kubiak32pre< [store <0> in kubiak32count]
[if kubiak23@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak24@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak25@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak26@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak27@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak28@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak29@b eq <1>][add <1> to kubiak32count][endif]
[if kubiak30@b eq <1>][add <1> to kubiak32count][endif]

>kubiak32< [goto kubiak33count][if kubiak32count eq <0> goto kubiak33count][open @a][open @b][open @c][open @d][open @e][open @f][open @x][open @y][open @z][open @done]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

[if kubiak32count eq <1>]

Thinking about the crime you reported to the police,
for what reasons did you decide to report it?

[endif]

[if kubiak32count gt <1>]

Thinking about the crimes you reported to the police,
for what reasons did you decide to report them?

[endif]

[red]IWER: CHECK ALL THAT APPLY[n]

[red]IWER: FIELD CODE RESPONSE - THIS MEANS DO NOT READ THE RESPONSES BUT
CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENT'S ANSWER[n]

@a PUNISH / PROSECUTE THE PERSON WHO VICTIMIZED YOU

@b GET PERSON OFF STREET / PREVENT FUTURE CRIMES

@c JUSTICE / RIGHT THING TO DO

@d CREATE A RECORD / GET A POLICE REPORT / FOR INSURANCE

@e RECEIVE SERVICES / ACCESS TO SERVICES / VICTIMS COMPENSATION / SUPPORT SERVICES /

RESTITUTION

@f FIND OUT WHO DID IT

@x OTHER: SPECIFY

@y DO NOT KNOW

@z REFUSED

[nodata button <DONE>] @done

[@a][checkbox] <1> YES <5> NO
[@b][checkbox] <1> YES <5> NO
[@c][checkbox] <1> YES <5> NO
[@d][checkbox] <1> YES <5> NO
[@e][checkbox] <1> YES <5> NO
[@f][checkbox] <1> YES <5> NO
[@x][checkbox] <1> YES [specify] <5> NO
[@y][checkbox] <1> YES <5> NO
[@z][checkbox] <1> YES <5> NO

>kubiak33count< [allow int 2]

>kubiak33pre< [store <0> in kubiak33count]
[if kubiak23@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak24@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak25@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak26@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak27@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak28@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak29@b eq <2>][add <1> to kubiak33count][endif]
[if kubiak30@b eq <2>][add <1> to kubiak33count][endif]

>kubiak33< [goto kubiak37][if kubiak33count eq <0> goto kubiak36][open @a][open @b][open @c][open @d][open @e][open @f][open @g][open @h][open @x][open @y][open @z][open @done]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

[if kubiak33count eq <1>]
Thinking about the crime you didn't report to the police,
for what reasons did you decide not to report it?
[endif]
[if kubiak33count gt <1>]
Thinking about the crimes you didn't report to the police,
for what reasons did you decide not to report them?
[endif]

[red]IWER: CHECK ALL THAT APPLY[n]

[red]IWER: FIELD CODE RESPONSE - THIS MEANS DO NOT READ THE RESPONSES BUT
CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENT'S ANSWER[n]

@a POLICE WOULDN'T DO ANY GOOD / NOTHING WOULD HAPPEN WITH POLICE
@b NO TIME / INCONVENIENT / DIDN'T WANT TO GO TO TROUBLE / TOO HARD
@c DIDN'T WANT THE PERSON TO GET IN TROUBLE / THOUGHT THE PUNISHMENT WOULD BE TOO HARSH
@d PROSECUTION / COURTS WOULDN'T DO ANY GOOD / NOTHING WOULD HAPPEN WITH COURTS
@e FEAR OF RETALIATION
@f WANT TO GO THROUGH INVESTIGATION/TRIAL
@g HAVE OWN CRIMINAL JUSTICE ISSUES / ON PAROLE/PROBATION
@h MY OWN OR FAMILY'S IMMIGRATION STATUS
@x OTHER: SPECIFY

@y DO NOT KNOW

@z REFUSED

[nodata button <DONE>] @done

[@a][checkbox] <1> YES <5> NO
[@b][checkbox] <1> YES <5> NO
[@c][checkbox] <1> YES <5> NO
[@d][checkbox] <1> YES <5> NO

[@e][checkbox] <1> YES <5> NO
[@f][checkbox] <1> YES <5> NO
[@g][checkbox] <1> YES <5> NO
[@h][checkbox] <1> YES <5> NO
[@x][checkbox] <1> YES[specify] <5> NO
[@y][checkbox] <1> YES <5> NO
[@z][checkbox] <1> YES <5> NO

>kubiak36<

How many times were you a victim of a crime in the last 5 years?

<1> 1
<2> 2
<3> 3
<4> 4 OR MORE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak37<

As a result of any of these incidents, did you lose any time from work or have to change your normal daily routine?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak37@a eq <1>]

How many days would you guess that you lost from work or have to change your normal daily routine?

<0-997> DAYS

<998>[commandbutton <DO NOT KNOW>]
<999>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

>kubiak38<

And as a result of any of these incidents, did you experience any stress or anxiety, or any difficulty with sleeping, relationships, or work?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak39<

Based on your experience, how long do you think it takes to recover from crime? Less than a month, 1 to 6 months, 6 months to a year, a year to 2 years, or more than 2 years?

<1> LESS THAN A MONTH
<2> 1 TO 6 MONTHS
<3> 6 MONTHS TO A YEAR
<4> A YEAR TO 2 YEARS
<5> MORE THAN 2 YEARS

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>kubiak40<

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

I'm going to read you a list of services that are sometimes available to victims of crime. For each I read, please tell me if you were already aware that it is sometimes available to victims of crime.

Free or low cost mental health counseling

<1> YES/AWARE
<2> NO/UNAWARE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak40@a eq <1>]

Is that a service that you have previously used?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]
[if kubiak40@a eq <2> or kubiak40@b eq <2>]

Is that a service that you might be interested in, in the future?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@c

[endif]

>kubiak41<

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

(I'm going to read you a list of services that are sometimes available to victims of crime. For each I read, please tell me if you were already aware that it is sometimes available to victims of crime.)

Assistance with medical expenses or other expenses that resulted from the incident

<1> YES/AWARE
<2> NO/UNAWARE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak41@a eq <1>]

Is that a service that you have previously used?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]
[if kubiak41@a eq <2> or kubiak41@b eq <2>]

Is that a service that you might be interested in, in the future?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@c

[endif]

>kubiak42<

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

(I'm going to read you a list of services that are sometimes available to victims of crime. For each I read, please tell me if you were already aware that it is sometimes available to victims of crime.)

Assistance with a victims' compensation program application

<1> YES/AWARE
<2> NO/UNAWARE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak42@a eq <1>]

Is that a service that you have previously used?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]
[if kubiak42@a eq <2> or kubiak42@b eq <2>]

Is that a service that you might be interested in, in the future?

<1> YES

<2> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@c

[endif]

>kubiak43<

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

(I'm going to read you a list of services that are sometimes available to victims of crime. For each I read, please tell me if you were already aware that it is sometimes available to victims of crime.)

Support groups or other recovery services

<1> YES/AWARE

<2> NO/UNAWARE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak43@a eq <1>]

Is that a service that you have previously used?

<1> YES

<2> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]

[if kubiak43@a eq <2> or kubiak43@b eq <2>]

Is that a service that you might be interested in, in the future?

<1> YES

<2> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@c

[endif]

>kubiak44<

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY[n]

(I'm going to read you a list of services that are sometimes available to victims of crime. For each I read, please tell me if you were already aware that it is sometimes available to victims of crime.)

Someone to help walk you through the criminal justice process

<1> YES/AWARE
<2> NO/UNAWARE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@a

[if kubiak44@a eq <1>]

Is that a service that you have previously used?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@b

[endif]
[if kubiak44@a eq <2> or kubiak44@b eq <2>]

Is that a service that you might be interested in, in the future?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@c

[endif]

>kubiak50x< [allow 1]

[if kubiak40@b eq <1>][store <1> in kubiak50x][endif]
[if kubiak41@b eq <1>][store <1> in kubiak50x][endif]
[if kubiak42@b eq <1>][store <1> in kubiak50x][endif]
[if kubiak43@b eq <1>][store <1> in kubiak50x][endif]
[if kubiak44@b eq <1>][store <1> in kubiak50x][endif]

>kubiak50< [goto cotten01][if kubiak50x ne <1> goto cotten01] [open @a][open @b][open @c][open @d][open @x][open @y][open @z][open @done]

From where did you receive these services? A community-based program, a hospital, a District Attorney or probation-run program, a private company, or somewhere else?

[red]IWER: CHECK ALL THAT APPLY[n]

@a COMMUNITY-BASED PROGRAM
@b HOSPITAL
@c DISTRICT ATTORNEY OR PROBATION-RUN PROGRAM
@d PRIVATE COMPANY
@x OTHER: SPECIFY

@y DO NOT KNOW
@z REFUSED

[nodata button <DONE>] @done

[@a][checkbox] <1> YES <5> NO
[@b][checkbox] <1> YES <5> NO
[@c][checkbox] <1> YES <5> NO

[@d][checkbox] <1> YES <5> NO
[@x][checkbox] <1> YES[specify] <5> NO
[@y][checkbox] <1> YES <5> NO
[@z][checkbox] <1> YES <5> NO

>kubiak51<

And did you pay for any of these services out of your own pocket?

<1> YES
<2> NO

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten01< [settime Tkubiakstop][subtime Tkubiakstart from Tkubiakstop into Tkubiak][settime Tcottenstart]

Next, I have a few questions about driving and cars.

How many hours do you spend driving in an average week?

[bold][red]IWER: FIELD CODE RESPONSE - THIS MEANS DO NOT READ THE RESPONSES BUT CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENT'S ANSWER[n]

<1> DO NOT DRIVE/0 HOURS
<2> 1 TO 5 HOURS (INCLUDE LESS THAN 1 HOUR IF GREATER THAN 0)
<3> 6 TO 10 HOURS
<4> MORE THAN 10 HOURS

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten02< [if cotten01 ne <1> goto cotten03a]

What is the main reason that you don't drive?

[bold][red]IWER: FIELD CODE RESPONSE - THIS MEANS DO NOT READ THE RESPONSES BUT CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENT'S ANSWER - IF A RESPONSE DOES NOT FIT, USE THE OTHER: SPECIFY TO ENTER THE TEXT[n]

<1> DO NOT KNOW HOW
<2> HEALTH REASONS
<3> DO NOT LIKE TO DRIVE
<4> DO NOT HAVE A CAR/DO NOT HAVE WORKING CAR
<5> DO NOT HAVE A LICENSE

<0> [specify][commandbutton <SPECIFY:OTHER>]

<98>[commandbutton <DO NOT KNOW>]
<99>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten03a< [if randcotten eq <2> goto cotten03b]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY![n]

When you hear the term "self-driving vehicles," what is the first thing that comes to mind?

[bold][red]IWER: FIELD CODE RESPONSE - THIS MEANS DO NOT READ THE RESPONSES BUT CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENT'S ANSWER - IF A RESPONSE

DOES NOT FIT, USE THE OTHER: SPECIFY TO ENTER THE TEXT[n]

- <1> BUSINESSES/INDUSTRY/COMPANIES (INCLUDE GM, FORD, GOOGLE, UBER, MANUFACTURING, ETC.)
- <2> CONCERNS/SAFETY (INCLUDE DANGER, ACCIDENTS, FAILURE, PROBLEMS, NEGATIVE RESPONSES, ETC.)
- <3> COSTS
- <4> BENEFITS (INCL CONVENIENCE, NAVIGATION, NO PARKING PROBLEMS, SLEEP/RELAX WHILE MOVING, EXCITING, POSITIVE RESPONSES, ETC.)
- <5> TECHNOLOGY (COMPUTERS, ARTIFICIAL INTELLIGENCE, AI, AUTOMATIC, SOFTWARE, HIGH TECH, SCIENCE FICTION, ETC.)
- <0> [specify][commandbutton <SPECIFY:OTHER>]
- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten03b< [if randcotten eq <1> goto cotten04]

[red]IWER: THERE ARE MULTIPLE VERSIONS OF THIS QUESTION; PLEASE READ CAREFULLY![n]

When you hear the terms "autonomous vehicles," what is the first thing that comes to mind?

[bold][red]IWER: FIELD CODE RESPONSE - THIS MEANS DO NOT READ THE RESPONSES BUT CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENT'S ANSWER - IF A RESPONSE DOES NOT FIT, USE THE OTHER: SPECIFY TO ENTER THE TEXT[n]

- <1> BUSINESSES/INDUSTRY/COMPANIES (INCLUDE GM, FORD, GOOGLE, UBER, MANUFACTURING, ETC.)
- <2> CONCERNS/SAFETY (INCLUDE DANGER, ACCIDENTS, FAILURE, PROBLEMS, NEGATIVE RESPONSES, ETC.)
- <3> COSTS
- <4> BENEFITS (INCL CONVENIENCE, NAVIGATION, NO PARKING PROBLEMS, SLEEP/RELAX WHILE MOVING, EXCITING, POSITIVE RESPONSES, ETC.)
- <5> TECHNOLOGY (COMPUTERS, ARTIFICIAL INTELLIGENCE, AI, AUTOMATIC, SOFTWARE, HIGH TECH, SCIENCE FICTION, ETC.)
- <0> [specify][commandbutton <SPECIFY:OTHER>]
- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten04<

Self-driving vehicles have features that operate without direct driver input. No human driver is needed in a completely self-driving vehicle.

Have you heard of self-driving vehicles before today?

- <1> YES
- <5> NO
- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten05<

Would you ride in a self-driving vehicle?

- <1> YES
- <2> UNSURE/MAYBE

<3> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten06<

How interested would you be in owning or leasing a completely self-driving vehicle in the future? Would you say very interested, moderately interested, slightly interested, or not at all interested?

<1> VERY INTERESTED

<2> MODERATELY INTERESTED

<3> SLIGHTLY INTERESTED

<4> NOT AT ALL INTERESTED

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten07<

Do you use public transit in Michigan, for example busses or dial-a-ride, on a regular basis?

<1> YES

<5> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten08<

Would you be more or less likely to use public transportation if the vehicle was self-driving?

<1> MORE LIKELY

<2> LESS LIKELY

<3> NO CHANGE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten09<

When do you anticipate using a self-driving vehicle? Would you say as soon as they become available, as soon as they become affordable, as soon as they are safe enough, or as soon as they become common on the road?

<1> AS SOON AS AVAILABLE

<2> AS SOON AS IT BECOMES AFFORDABLE

<3> AS SOON AS THEY ARE SAFE ENOUGH

<4> WHEN THEY ARE COMMON ON THE ROAD

<5> WILL NOT USE/NOT INTERESTED IN USING SELF-DRIVING VEHICLE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten10<

How much [bold]extra[n] would you pay to have self-driving technology on a vehicle you own or lease? Nothing, an amount less than five thousand dollars, five thousand to ten thousand dollars, or more than ten thousand dollars?

- <1> NOTHING/\$0
- <2> LESS THAN \$5,000
- <3> \$5,000 TO \$10,000
- <4> MORE THAN \$10,000

- <5> WILL NOT BUY/LEASE SELF-DRIVING VEHICLE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11a<

How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.

Going places without having to drive myself.

- <1> VERY IMPORTANT
- <2> MODERATELY IMPORTANT
- <3> SLIGHTLY IMPORTANT
- <4> NOT AT ALL IMPORTANT

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11b<

(How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.)

Staying independent as I get older.

- <1> VERY IMPORTANT
- <2> MODERATELY IMPORTANT
- <3> SLIGHTLY IMPORTANT
- <4> NOT AT ALL IMPORTANT

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11c<

(How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.)

Fewer crashes

<1> VERY IMPORTANT
<2> MODERATELY IMPORTANT
<3> SLIGHTLY IMPORTANT
<4> NOT AT ALL IMPORTANT

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11d<

(How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.)

Improved emergency response

<1> VERY IMPORTANT
<2> MODERATELY IMPORTANT
<3> SLIGHTLY IMPORTANT
<4> NOT AT ALL IMPORTANT

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11e<

(How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.)

Reduced traffic

<1> VERY IMPORTANT
<2> MODERATELY IMPORTANT
<3> SLIGHTLY IMPORTANT
<4> NOT AT ALL IMPORTANT

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11f<

(How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.)

Better for the environment

<1> VERY IMPORTANT
<2> MODERATELY IMPORTANT
<3> SLIGHTLY IMPORTANT
<4> NOT AT ALL IMPORTANT

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten11g<

(How important do you view the following as potential benefits of self-driving vehicles? For each, please tell me whether it is very important, moderately important, slightly important, or not at all important.)

Fewer driving related expenses

- <1> VERY IMPORTANT
- <2> MODERATELY IMPORTANT
- <3> SLIGHTLY IMPORTANT
- <4> NOT AT ALL IMPORTANT

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12a<

How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.

Equipment or system failure

- <1> VERY CONCERNED
- <2> MODERATELY CONCERNED
- <3> SLIGHTLY CONCERNED
- <4> NOT AT ALL CONCERNED

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12b<

(How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.)

Security from hackers

- <1> VERY CONCERNED
- <2> MODERATELY CONCERNED
- <3> SLIGHTLY CONCERNED
- <4> NOT AT ALL CONCERNED

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12c<

(How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.)

Data privacy and location tracking

- <1> VERY CONCERNED

<2> MODERATELY CONCERNED
<3> SLIGHTLY CONCERNED
<4> NOT AT ALL CONCERNED

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12d<

(How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.)

Being on the road with non-self-driving vehicles, pedestrians, and cyclists

<1> VERY CONCERNED
<2> MODERATELY CONCERNED
<3> SLIGHTLY CONCERNED
<4> NOT AT ALL CONCERNED

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12e<

(How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.)

Learning to use self-driving vehicles

<1> VERY CONCERNED
<2> MODERATELY CONCERNED
<3> SLIGHTLY CONCERNED
<4> NOT AT ALL CONCERNED

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12f<

(How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.)

Not driving the way I want

<1> VERY CONCERNED
<2> MODERATELY CONCERNED
<3> SLIGHTLY CONCERNED
<4> NOT AT ALL CONCERNED

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten12g<

(How concerned are you about the following issues related to self-driving vehicles? For each, please tell me whether you are very concerned, moderately concerned, slightly concerned, or not at all concerned.)

Greater vehicle expenses

- <1> VERY CONCERNED
- <2> MODERATELY CONCERNED
- <3> SLIGHTLY CONCERNED
- <4> NOT AT ALL CONCERNED

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>cotten13<

How safe do you think you will feel when driving on roads shared with self-driving vehicles? Would you say much more safe, moderately more safe, moderately less safe, or much less safe?

- <1> MUCH MORE SAFE
- <2> MODERATELY MORE SAFE
- <3> NO CHANGE
- <4> MODERATELY LESS SAFE
- <5> MUCH LESS SAFE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore01< [settime Tcottenstop][subtime Tcottenstart from Tcottenstop into Tcotten][settime Tmoorestart]

The next set of questions are about energy use in Michigan.

How important is it to you that Michigan remains mostly energy independent from surrounding states and other countries? Would you say that it is very important, somewhat important, not very important, or not important at all?

- <1> VERY IMPORTANT
- <2> SOMEWHAT IMPORTANT
- <3> NOT VERY IMPORTANT
- <4> NOT IMPORTANT AT ALL

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore02<

Do you think that natural gas is an environmentally friendly electricity generation source?

- <1> YES
- <2> SOMEWHAT/A LITTLE
- <3> NO

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore03<

Do you think that natural gas is a low-carbon electricity generation source?

<1> YES

<2> SOMEWHAT/A LITTLE

<3> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore04<

Would you rather have solar panels for power generation owned by private citizens, utility companies, leasing companies, or a mix?

<1> PRIVATE CITIZENS

<2> UTILITY COMPANIES

<3> LEASING COMPANIES

<4> A MIX

<5> NONE/SHOULD NOT BE BUILT

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore05<

Some people want solar panels only on rooftops because they are concerned that putting them in wide open spaces is ugly and spoils the land. Others prefer putting a lot of solar panels on a piece of open land, because it is cheaper and could help increase the use of solar.

Would you rather see solar panels on rooftops, on large areas of open land, a mix of both, or neither?

<1> ROOFTOPS

<2> LARGE OPEN LAND

<3> MIX OF BOTH

<4> NEITHER

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore06<

Do you own your own home?

<1> YES

<2> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore07a< [if moore06 ne <1> goto moore07b]

Would you be interested in leasing solar panels to be placed on your

roof by a solar leasing company if it were affordable and available to you?

- <1> YES
- <2> NO
- <3> DON'T HAVE A ROOF/DON'T HAVE ENOUGH ROOF SPACE
- <4> MAYBE/DEPENDS ON OTHER FACTORS

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore07b< [if moore06 eq <1> goto moore08]

If you owned your own home, would you be interested in leasing solar panels to be placed on your roof by a solar leasing company if it were affordable and available to you?

- <1> YES
- <2> NO
- <3> WOULDN'T HAVE A ROOF/WOULDN'T HAVE ENOUGH ROOF SPACE
- <4> MAYBE/DEPENDS ON OTHER FACTORS

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore08<

For the next several questions, please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.

To what extent do you support the use of more solar power in Michigan?

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore09<

To what extent do you support the use of more wind power in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore10<

To what extent do you support the use of more nuclear power in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore11<

To what extent do you support the construction of more solar power plants in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore12<

To what extent do you support the construction of more wind power plants in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

- <8>[commandbutton <DO NOT KNOW>]
- <9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore13<

To what extent do you support the construction of more nuclear power plants in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore14<

Greater electricity integration with surrounding states in the Midwest and with Canada could help increase the use of renewable energy in Michigan. Given this, to what extent do you support greater electricity integration in the region?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

<1> STRONGLY SUPPORT
<2> SOMEWHAT SUPPORT
<3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
<4> SOMEWHAT OPPOSE
<5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore15<

To what extent do you support the current plan for the state of Michigan to switch 75% of its electricity generation from coal to other sources in the next five years?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

<1> STRONGLY SUPPORT
<2> SOMEWHAT SUPPORT
<3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
<4> SOMEWHAT OPPOSE
<5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore16<

To what extent do you support the placement of wind turbines in the Great Lakes, if they are far enough offshore that you can't see them?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

<1> STRONGLY SUPPORT
<2> SOMEWHAT SUPPORT
<3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
<4> SOMEWHAT OPPOSE
<5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore17<

To what extent do you support the placement of wind turbines in the Great Lakes, if they are visible from shore?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore18<

To what extent do you support the placement of wind turbines within 1 mile of your residence?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore19<

Advanced nuclear power plants are being designed that are smaller, safer, and do not use water. Have you heard of these before?

- <1> YES
- <2> NO

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore20<

To what extent do you support the construction of more nuclear power plants in Michigan, if they use these new technologies?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
- <2> SOMEWHAT SUPPORT
- <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
- <4> SOMEWHAT OPPOSE
- <5> STRONGLY OPPOSE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore21<

To what extent do you support the use of public funds to increase the amount of charging infrastructure for electric vehicles in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
 - <2> SOMEWHAT SUPPORT
 - <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
 - <4> SOMEWHAT OPPOSE
 - <5> STRONGLY OPPOSE
- <8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore22<

To what extent do you support a major increase in the use of natural gas for electricity in Michigan?

(Please tell me whether you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposal.)

- <1> STRONGLY SUPPORT
 - <2> SOMEWHAT SUPPORT
 - <3> NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)
 - <4> SOMEWHAT OPPOSE
 - <5> STRONGLY OPPOSE
- <8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore23<

If you were informed that expanding natural gas use in Michigan would mean an increase in fracking in the state, would that increase your support for natural gas expansion a lot, increase your support a little, decrease your support a little, decrease your support a lot, or not change your level of support at all?

[green]IWER: IF R ASKS FOR CLARIFICATION/DEFINITION OF 'FRACKING' PLEASE RESPOND "FRACKING IS THE PROCESS OF DRILLING INTO THE EARTH AND BREAKING UP ROCKS WITH HIGH-PRESSURE LIQUID IN ORDER TO FORCE OIL AND GAS OUT." [n]

- <1> INCREASE SUPPORT A LOT
 - <2> INCREASE SUPPORT A LITTLE
 - <3> NO CHANGE TO SUPPORT
 - <4> DECREASE SUPPORT A LITTLE
 - <5> DECREASE SUPPORT A LOT
- <8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore24<

If you could afford it, would you consider purchasing a fully electric vehicle as your next car?

<1> YES
<2> MAYBE
<3> NO

<4> NOT PLANNING TO PURCHASE VEHICLE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>moore25<

Do you think you would be able to afford a fully electric vehicle as your next car?

<1> YES
<2> MAYBE
<3> NO

<4> NOT PLANNING TO PURCHASE VEHICLE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser01< [settime Tmoorestop][subtime Tmoorestart from Tmoorestop into Tmoore][settime Thouserstart]

Do you believe the climate is currently changing?

<1> YES
<2> NO [goto houser04a]

<8>[commandbutton <UNCERTAIN/DO NOT KNOW>][goto houser04a]
<9>[commandbutton <REFUSED THIS QUESTION>][goto houser04a]

@

>houser02<

Which of the following statements best matches your beliefs regarding the causes of climate change:
"Human activities are entirely or mostly responsible"
"Natural causes and human activities are equally responsible"
"Natural causes are entirely or mostly responsible"
or are you uncertain about what is causing climate change?

<1> HUMAN ACTIVITIES RESPONSIBLE
<2> NATURAL CAUSES AND HUMAN ACTIVITIES EQUAL
<3> NATURAL CAUSES RESPONSIBLE [goto houser04a]

<8>[commandbutton <UNCERTAIN/DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>][goto houser04a]

@

>houser03a<

For each of the following statements, please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.

Developing or 'third-world' countries are responsible for more than their fair share of humans' contributions to climate change

<1> STRONGLY AGREE
<2> SOMEWHAT AGREE
<3> NEITHER AGREE NOR DISAGREE
<4> SOMEWHAT DISAGREE
<5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser03b<

The United States' has done less than most other countries to combat humans' contributions to climate change

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

<1> STRONGLY AGREE
<2> SOMEWHAT AGREE
<3> NEITHER AGREE NOR DISAGREE
<4> SOMEWHAT DISAGREE
<5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser03c<

The United States is the most environmentally friendly country on earth

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

<1> STRONGLY AGREE
<2> SOMEWHAT AGREE
<3> NEITHER AGREE NOR DISAGREE
<4> SOMEWHAT DISAGREE
<5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser04a<

We'd also like to know what people around you think about climate change. Please tell me whether you agree or disagree with the following statements using the same options as before.

If someone from my community said they believed that humans were the primary cause of climate change, they would stand out

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

<1> STRONGLY AGREE
<2> SOMEWHAT AGREE
<3> NEITHER AGREE NOR DISAGREE
<4> SOMEWHAT DISAGREE
<5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser04b<

Most of my family does not believe climate change is caused by human activity

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser04c<

Most of my friends think climate change is caused by human activity

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05a<

Using the same options, please tell me whether you agree or disagree that the following changes in weather have occurred in your community since you began living there.

Heavy rain events have become more frequent

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05b<

The average temperature is generally warmer now

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05c<

Droughts have occurred more frequently in recent years

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05d<

More rainfall occurs during the spring now

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05e<

Winter weather is more severe now

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05f<

Overall precipitation has increased

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser05g<

Heat waves have occurred more frequently

(Please tell me whether you strongly agree, somewhat agree, neither agree nor disagree, somewhat disagree, or strongly disagree.)

- <1> STRONGLY AGREE
- <2> SOMEWHAT AGREE
- <3> NEITHER AGREE NOR DISAGREE
- <4> SOMEWHAT DISAGREE
- <5> STRONGLY DISAGREE

<8>[commandbutton <DO NOT KNOW>]

<9>[commandbutton <REFUSED THIS QUESTION>]

@

>houser06<

For how many years have you lived in your current community?

<0-125> YEARS

<998>[commandbutton <DO NOT KNOW>]

<999>[commandbutton <REFUSED THIS QUESTION>]

@

>pre_RI< [settime Thouserstop][subtime Thouserstart from Thouserstop into Thouser][settime Tcore4start]

>pre_RI2<

>RI< [loc 23/1][optionbuttons on hide textbox hide codes]

Thank you for answering our questions.

In a couple of months, we'd like to re-contact some of the people we've spoken with for another interview either over the phone or on the web. Would you be willing to participate again in a couple of months?

- <1> YES
- <5> NO[goto out]

<8>[commandbutton <DO NOT KNOW>][goto out]

<9>[commandbutton <REFUSED THIS QUESTION>][goto out]

```

@
>RIa<

Do you have an email address so that we may contact you to do the survey online
instead of by phone?

Your email address will be kept confidential and will only be used for research
purposes.

<1> YES
<3> NO, DO NOT WANT TO GIVE EMAIL ADDRESS OUT[goto rname]
<5> NO, HAVE NO EMAIL[goto rname]

<8>[commandbutton <DO NOT KNOW>][goto rname]
<9>[commandbutton <REFUSED THIS QUESTION>][goto rname]

@

>email< [optionbuttons on hide codes]

What is your email address?

EMAIL ADDRESS: @

[@][allow 40]

>rname<

Can I get your first name so we know who to ask for when we re-contact you?

FIRST NAME: @

[@][allow 20]

>out< [settime Tcore4stop][subtime Tcore4start from Tcore4stop into Tcore4]

>contacts< [loc 24/1][allow 2][store TCNT in contacts]
>length<[allow 4][store TTIM in length]
>idate< [allow 8][store IDAT in idate]
>iwer< [allow int 3][store INVW in iwer]
>males< [allow int 2][store male in males]
>females< [allow int 2][store female in females]
>final< [allow 2][store FNL in final]

[goto MOD7]

>sexp< [allow 6]
[if isex eq <1>][store <MALE> in sexp][endif]
[if isex eq <2>][store <FEMALE> in sexp][endif]
[goto T120]

>end<

```

12. SPSS Data Import Syntax (New RDD)


```

/* SPSS Data Definition File
/* Created by ddltox on Jan 25, 2018 (Thu 03:20 PM EST)
/* DDL source file: "soss75rdd.ddl".

```

```

TITLE "Michigan State of the State 75".
COMMENT DDL indicates that dataset record length (reclen) is 80 columns.

```

```

DATA LIST fixed records=7

```

```

FILE="" /* Replace 'x' with full path name of your input data file.
/1 CASEID 1-5 (A) ID1 1-5 (A) R1 6
    cnty 7-11 regn 12 randvote1 13 (A)
    randvote2 14 (A) randcotten 15 (A) rand4 16 (A)
    rand5 17 (A) rand6 18 (A) city2 19-38 (A)
    listed 39 CC1 40 CC2 41
    CC3 42 CC4 43 CC5 44
    CC6 45 PO1 46 PO2 47
/2 CD1 1 CD2 2-3 CD3 4-5
    CD5a 6 CD4@a 7 CD4@b 8
    CD4@c 9 CD4@d 10 CD4@e 11
    CD4@f 12 CD4@g 13 CD6 14-15
    CD7@a 16 CD7@b 17 CD7@c 18
    CD7@d 19 partyid 20 P17@a 21
    P17@b 22 P17@c 23 P17@d 24
    ideology 25 CD8 26 married 27 (A)
    CD10 28-29 CD11 30-31 CD15 32-33
    UN1 34 UN2 35 UN3 36
    inca 37 incb 38 incca 39
    incc 40 incd 41 incf 42
    incg 43 inch 44 incha 45
    inci 46 income 47-48 CD26 49-50
    X1 51 zipcode 52-56 demo_county 57-59
    demo_Detroit 60 cellular2 61-62 demo_cell1 63
    demo_cell4 64-66 votela 67 votelah 68
    votelb 69 votelbh 70 vote2a 71
    vote2ah 72 vote2b 73 vote2bh 74
    votel1 75 votel1h 76 vote12 77
    votel2h 78 votel3 79 votel3h 80
/3 kubiak11 1 kubiak12 2 kubiak13 3
    kubiak14@a 4 kubiak14@b 5 kubiak15 6
    kubiak101 7 kubiak23@a 8 kubiak23@b 9
    kubiak24@a 10 kubiak24@b 11 kubiak25@a 12
    kubiak25@b 13 kubiak26@a 14 kubiak26@b 15
    kubiak27@a 16 kubiak27@b 17 kubiak28@a 18
    kubiak28@b 19 kubiak29@a 20 kubiak29@b 21
    kubiak30@a 22 kubiak30@b 23 kubiak31 24
    kubiak32count 25-26 kubiak32@a 27 kubiak32@b 28
    kubiak32@c 29 kubiak32@d 30 kubiak32@e 31
    kubiak32@f 32 kubiak32@x 33 kubiak32@y 34
    kubiak32@z 35 kubiak33count 36-37 kubiak33@a 38
    kubiak33@b 39 kubiak33@c 40 kubiak33@d 41
    kubiak33@e 42 kubiak33@f 43 kubiak33@g 44
    kubiak33@h 45 kubiak33@x 46 kubiak33@y 47
    kubiak33@z 48 kubiak36 49 kubiak37@a 50
    kubiak37@b 51-53 kubiak38 54 kubiak39 55
    kubiak40@a 56 kubiak40@b 57 kubiak40@c 58
    kubiak41@a 59 kubiak41@b 60 kubiak41@c 61
    kubiak42@a 62 kubiak42@b 63 kubiak42@c 64
    kubiak43@a 65 kubiak43@b 66 kubiak43@c 67
    kubiak44@a 68 kubiak44@b 69 kubiak44@c 70
    kubiak50x 71 (A) kubiak50@a 72 kubiak50@b 73
    kubiak50@c 74 kubiak50@d 75 kubiak50@x 76
    kubiak50@y 77 kubiak50@z 78 kubiak51 79
    cotten01 80
/4 cotten02 1-2 cotten03a 3 cotten03b 4
    cotten04 5 cotten05 6 cotten06 7
    cotten07 8 cotten08 9 cotten09 10
    cotten10 11 cotten11a 12 cotten11b 13

```

	cotten11c 14	cotten11d 15	cotten11e 16
	cotten11f 17	cotten11g 18	cotten12a 19
	cotten12b 20	cotten12c 21	cotten12d 22
	cotten12e 23	cotten12f 24	cotten12g 25
	cotten13 26	moore01 27	moore02 28
	moore03 29	moore04 30	moore05 31
	moore06 32	moore07a 33	moore07b 34
	moore08 35	moore09 36	moore10 37
	moore11 38	moore12 39	moore13 40
	moore14 41	moore15 42	moore16 43
	moore17 44	moore18 45	moore19 46
	moore20 47	moore21 48	moore22 49
	moore23 50	moore24 51	moore25 52
	houser01 53	houser02 54	houser03a 55
	houser03b 56	houser03c 57	houser04a 58
	houser04b 59	houser04c 60	houser05a 61
	houser05b 62	houser05c 63	houser05d 64
	houser05e 65	houser05f 66	houser05g 67
	houser06 68-70		
/5	vote2a2 1	vote2a2h 2	
/6	RI 1	RIa 2	email 3-42 (A)
/7	rname 43-62 (A)		
	contacts 1-2	length 3-6	idate 7-14
	iwer 15-17	males 18-19	females 20-21
	final 22-23		

VARIABLE LABELS

CASEID	'Case identification number' /
ID1	'Case ID' /
R1	'Data Record' /
cnty	'County' /
regn	'Region' /
randvote1	'Random 1' /
randvote2	'Random 2' /
randcotten	'Random 3' /
rand4	'Random 4' /
rand5	'Random 5' /
rand6	'Random 6' /
city2	'City' /
listed	'Sample' /
CC1	'Confidence: Past Financial' /
CC2	'Confidence: Future Financial' /
CC3	'Confidence: Current Financial' /
CC4	'Confidence: Inflation Rate' /
CC5	'Confidence: Unemployment Situation' /
CC6	'Confidence: Business Conditions' /
PO1	'Politics: Trump Rating' /
PO2	'Politics: Snyder Rating' /
PO2	'Politics: Snyder Rating' /
CD1	'Demographic: Sex' /
CD2	'Demographic: Year of Birth' /
CD3	'Demographic: Education' /
CD5a	'Demographic: Ethnicity' /
CD4@a	'Race: White/Caucasian' /
CD4@b	'Race: African American or Black' /
CD4@c	'Race: Hawaiian or other Pacific Islander' /
CD4@d	'Race: Asian' /
CD4@e	'Race: American Indian or Alaska Native' /
CD4@f	'Race: Other' /
CD4@g	'Race: Refused' /
CD6	'Demographic: Religious Background' /
CD7@a	'Political: Party ID' /
CD7@b	'Political: Party - Republican' /
CD7@c	'Political: Party - Democrat' /
CD7@d	'Political: Party - Independent' /
partyid	'Political: Party - Lean' /

P17@a 'Political: Ideology' /
 P17@b 'Political: Ideology - Conservative' /
 P17@c 'Political: Ideology - Liberal' /
 P17@d 'Political: Ideology - Middle/Neither' /
 ideology 'Political: Ideology - Lean' /
 CD8 'Demographic: Marital Status' /
 married 'Demographic: Married' /
 CD10 'Household: Adults' /
 CD11 'Household: Children' /
 CD15 'Employment' /
 UN1 'Employment: Union Member' /
 UN2 'Employment: Ever Union Member' /
 UN3 'Employment: Union Family' /
 inca 'Income: Above \$40,000' /
 incb 'Income: Below \$20,000' /
 incca 'Income: Below \$30,000' /
 incc 'Income: Below \$10,000' /
 incd 'Income: Above \$60,000' /
 incf 'Income: Above \$50,000' /
 incg 'Income: Above \$100,000' /
 inch 'Income: Above \$70,000' /
 incha 'Income: Above \$90,000' /
 inci 'Income: Above \$150,000' /
 income 'Income' /
 CD26 'Household: Phone Lines' /
 X1 'Location: Community Type' /
 zipcode 'Location: ZIP Code' /
 demo_county 'Location: County' /
 demo_Detroit 'Location: Detroit' /
 cellular2 'Location: City' /
 demo_cell1 'Cell Phone' /
 demo_cell4 'Cell Phone: Calls' /
 votela 'Vote: Governor A' /
 votelah 'Vote: Governor: Must Decide' /
 votelb 'Vote: Governor B' /
 votelbh 'Vote: Governor B: Must Decide' /
 vote2a 'Vote: Senate A1' /
 vote2ah 'Vote: Senate A1: Must Decide' /
 vote2a2 'Vote: Senate A2' /
 vote2a2h 'Vote: Senate A2: Must Decide' /
 vote2b 'Vote: Senate B' /
 vote2bh 'Vote: Senate B: Must Decide' /
 votel1 'Vote: Part-Time Legislature' /
 votel1h 'Vote: Part-Time Legislature: Must Decide' /
 votel2 'Vote: Gerrymandering' /
 votel2h 'Vote: Gerrymandering: Must Decide' /
 votel3 'Vote: Marijuana' /
 votel3h 'Vote: Marijuana: Must Decide' /
 kubiak11 'Crime Victim: Friend' /
 kubiak12 'Crime Victim: Family' /
 kubiak13 'Crime Victim: Self' /
 kubiak14@a 'Crime: Quality of Home Life' /
 kubiak14@b 'Crime: Quality of Work Life' /
 kubiak15 'Crime: Safety' /
 kubiak101 'Crime: Punishment or Rehabilitation' /
 kubiak23@a 'Crime Victim: Theft' /
 kubiak23@b 'Crime Victim: Theft: Police Report' /
 kubiak24@a 'Crime Victim: Injury' /
 kubiak24@b 'Crime Victim: Injury: Police Report' /
 kubiak25@a 'Crime Victim: Rape' /
 kubiak25@b 'Crime Victim: Rape: Police Report' /
 kubiak26@a 'Crime Victim: Stalking' /
 kubiak26@b 'Crime Victim: Stalking: Police Report' /
 kubiak27@a 'Crime Victim: Theft' /
 kubiak27@b 'Crime Victim: Theft: Police Report' /
 kubiak28@a 'Crime Victim: Burglary' /
 kubiak28@b 'Crime Victim: Burglary: Police Report' /

kubiak29@a 'Crime Victim: Vandalism' /
kubiak29@b 'Crime Victim: Vandalism: Police Report' /
kubiak30@a 'Crime Victim: Identity Theft' /
kubiak30@b 'Crime Victim: Identity Theft: Police Report' /
kubiak31 'Crime Victim: Killing' /
kubiak32count 'Police Report Count Yes' /
kubiak32@a 'Reason for Police Report: Punish' /
kubiak32@b 'Reason for Police Report: Prevent Future' /
kubiak32@c 'Reason for Police Report: Justice' /
kubiak32@d 'Reason for Police Report: Record' /
kubiak32@e 'Reason for Police Report: Services' /
kubiak32@f 'Reason for Police Report: Find Perpetrator' /
kubiak32@x 'Reason for Police Report: Other' /
kubiak32@y 'Reason for Police Report: Do Not Know' /
kubiak32@z 'Reason for Police Report: Refused' /
kubiak33count 'Police Report Count No' /
kubiak33@a 'Reason for No Police Report: Police' /
kubiak33@b 'Reason for No Police Report: Time' /
kubiak33@c 'Reason for No Police Report: Punishment' /
kubiak33@d 'Reason for No Police Report: Courts' /
kubiak33@e 'Reason for No Police Report: Fear' /
kubiak33@f 'Reason for No Police Report: Trial' /
kubiak33@g 'Reason for No Police Report: Parole' /
kubiak33@h 'Reason for No Police Report: Immigration' /
kubiak33@x 'Reason for No Police Report: Other' /
kubiak33@y 'Reason for No Police Report: Do Not Know' /
kubiak33@z 'Reason for No Police Report: Refused' /
kubiak36 'Crime Victim: Incidents' /
kubiak37@a 'Crime Victim: Life Impacts' /
kubiak37@b 'Crime Victim: Life Impacts: Days' /
kubiak38 'Crime Victim: Anxiety' /
kubiak39 'Crime Victim: Recovery' /
kubiak40@a 'Crime Victim Services: Counseling' /
kubiak40@b 'Crime Victim Services: Counseling: Used' /
kubiak40@c 'Crime Victim Services: Counseling: Would Use' /
kubiak41@a 'Crime Victim Services: Financial' /
kubiak41@b 'Crime Victim Services: Financial: Used' /
kubiak41@c 'Crime Victim Services: Financial: Would Use' /
kubiak42@a 'Crime Victim Services: Application' /
kubiak42@b 'Crime Victim Services: Application: Used' /
kubiak42@c 'Crime Victim Services: Application: Would Use' /
kubiak43@a 'Crime Victim Services: Recovery' /
kubiak43@b 'Crime Victim Services: Recovery: Used' /
kubiak43@c 'Crime Victim Services: Recovery: Would Use' /
kubiak44@a 'Crime Victim Services: Process' /
kubiak44@b 'Crime Victim Services: Process: Used' /
kubiak44@c 'Crime Victim Services: Process: Would Use' /
kubiak50@a 'Crime Victim Service Source: Community' /
kubiak50@b 'Crime Victim Service Source: Hospital' /
kubiak50@c 'Crime Victim Service Source: DA' /
kubiak50@d 'Crime Victim Service Source: Private' /
kubiak50@x 'Crime Victim Service Source: Other' /
kubiak50@y 'Crime Victim Service Source: Do Not Know' /
kubiak50@z 'Crime Victim Service Source: Refused' /
kubiak51 'Crime Victim Service: Payment' /
cotten01 'Driving: Hours Per Week' /
cotten02 'Driving: Why Not' /
cotten03a 'Self-Driving: ''Self-Driving''' /
cotten03b 'Self-Driving: ''Autonomous''' /
cotten04 'Self-Driving: Prior Knowledge' /
cotten05 'Self-Driving: Would Ride' /
cotten06 'Self-Driving: Own' /
cotten07 'Driving: Public Transit' /
cotten08 'Self-Driving: Public Transit' /
cotten09 'Self-Driving: When Use' /
cotten10 'Self-Driving: Extra Cost' /
cotten11a 'Self-Driving Benefits: Not Driving' /

cotten11b 'Self-Driving Benefits: Age' /
cotten11c 'Self-Driving Benefits: Crashes' /
cotten11d 'Self-Driving Benefits: Emergency Response' /
cotten11e 'Self-Driving Benefits: Traffic' /
cotten11f 'Self-Driving Benefits: Environment' /
cotten11g 'Self-Driving Benefits: Expenses' /
cotten12a 'Self-Driving Concerns: Failure' /
cotten12b 'Self-Driving Concerns: Security' /
cotten12c 'Self-Driving Concerns: Privacy' /
cotten12d 'Self-Driving Concerns: Sharing Road' /
cotten12e 'Self-Driving Concerns: Learning' /
cotten12f 'Self-Driving Concerns: Not Way I Want' /
cotten12g 'Self-Driving Concerns: Expenses' /
cotten13 'Self-Driving: Safety' /
moore01 'Energy Use: Independence' /
moore02 'Natural Gas: Environment' /
moore03 'Natural Gas: Low-Carbon' /
moore04 'Solar Panels: Ownership' /
moore05 'Solar Panels: Location' /
moore06 'Energy Use: Own Home' /
moore07a 'Solar Panels: Leasing A' /
moore07b 'Solar Panels: Leasing B' /
moore08 'Energy Use: More Solar Use' /
moore09 'Energy Use: More Wind Use' /
moore10 'Energy Use: More Nuclear Use' /
moore11 'Energy Use: More Solar Construction' /
moore12 'Energy Use: More Wind Construction' /
moore13 'Energy Use: More Nuclear Construction' /
moore14 'Energy Use: Integration' /
moore15 'Energy Use: 75% Goal' /
moore16 'Energy Use: Great Lakes Wind Turbines Not Visible' /
moore17 'Energy Use: Great Lakes Wind Turbines Visible' /
moore18 'Energy Use: Wind Turbines Near Home' /
moore19 'Energy Use: Heard of New Nuclear Plants' /
moore20 'To what extent do you support the construction of more nuclear' /
moore21 'Energy Use: Public Funds for Electric Vehicle Charging' /
moore22 'Energy Use: Increase Natural Gas Use' /
moore23 'Energy Use: Natural Gas and Fracking' /
moore24 'Electric Vehicle: Purchase' /
moore25 'Electric Vehicle: Afford' /
houser01 'Climate Change: Belief' /
houser02 'Climate Change: Cause' /
houser03a 'Climate Change: Developing Countries' /
houser03b 'Climate Change: US Has Done Less' /
houser03c 'Climate Change: US Most Environmentally Friendly' /
houser04a 'Climate Change: Community Belief' /
houser04b 'Climate Change: Family Belief' /
houser04c 'Climate Change: Friend Belief' /
houser05a 'Climate Change: Heavy Rains' /
houser05b 'Climate Change: Warmer' /
houser05c 'Climate Change: Droughts' /
houser05d 'Climate Change: Spring Rainfall' /
houser05e 'Climate Change: Severe Winters' /
houser05f 'Climate Change: More Precipitation' /
houser05g 'Climate Change: Heat Waves' /
houser06 'Years Lived in Current Community' /
RI 'Recall' /
RIa 'Recall: Email' /
email 'Recall: Email Address' /
rname 'Recall: Respondent Name' /
contacts 'Contacts' /
length 'Interview Length' /
idate 'Interview Date' /
iwer 'Interviewer' /
males 'Males' /
females 'Females' /
final 'Partial Interviews' /

VALUE LABELS

regn 1 'UPPER PENNINSULA' 2 'NORTHERN MICHIGAN' 3 'WEST CENTRAL'
4 'EAST CENTRAL' 5 'SOUTHWEST MICHIGAN' 6 'SOUTHEAST MICHIGAN'
7 'DETROIT' /

listed 1 'LISTED' 2 'UNLISTED' /

CC1 1 'BETTER OFF' 3 'ABOUT THE SAME (R PROVIDED)' 5 'WORSE OFF'
8 'DO NOT KNOW' 9 'REFUSED' /

CC2 1 'BETTER OFF' 3 'ABOUT THE SAME (R PROVIDED)' 5 'WORSE OFF'
8 'DO NOT KNOW' 9 'REFUSED' /

CC3 1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'
8 'DO NOT KNOW' 9 'REFUSED' /

CC4 1 'GO UP' 3 'GO DOWN' 5 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'
9 'REFUSED' /

CC5 1 'BETTER THAN' 3 'WORSE THAN' 5 'ABOUT THE SAME'
8 'DO NOT KNOW' 9 'REFUSED' /

CC6 1 'GOOD TIMES' 3 'BAD TIMES'
5 'NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME (R PROVIDED)'
8 'DO NOT KNOW' 9 'REFUSED' /

PO1 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
9 'REFUSED' /

PO2 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
9 'REFUSED' /

PO2 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
9 'REFUSED' /

CD1 1 'MALE' 2 'FEMALE' 8 'DO NOT KNOW' 9 'REFUSED' /

CD2 8 'DO NOT KNOW' 9 'REFUSED' /

CD3 0 'DID NOT GO TO SCHOOL' 1 '1st GRADE' 2 '2nd GRADE'
3 '3rd GRADE' 4 '4th GRADE' 5 '5th GRADE' 6 '6th GRADE'
7 '7th GRADE' 8 '8th GRADE' 9 '9th GRADE' 10 '10th GRADE'
11 '11th GRADE' 12 'HIGH SCHOOL GRADUATE OR GED HOLDER'
13 '1st YEAR COLLEGE' 14 '2nd YEAR COLLEGE'
15 '3rd YEAR COLLEGE' 16 'COLLEGE GRADUATE (FOUR YEARS)'
17 'SOME POST GRADUATE' 18 'GRADUATE DEGREE'
20 'TECHNICAL/JUNIOR COLLEGE GRADUATE' 98 'DO NOT KNOW'
99 'REFUSED' /

CD5a 1 'YES-HISPANIC/LATINO/SPANISH ORIGIN'
5 'NO-NOT HISPANIC/LATINO/SPANISH ORIGIN' 8 'DO NOT KNOW'
9 'REFUSED' /

CD4@a 1 'YES' 5 'NO' /

CD4@b 1 'YES' 5 'NO' /

CD4@c 1 'YES' 5 'NO' /

CD4@d 1 'YES' 5 'NO' /

CD4@e 1 'YES' 5 'NO' /

CD4@f 1 'YES' 5 'NO' /

CD4@g 1 'YES' 5 'NO' /

CD6 0 'NONE; NO RELIGIOUS GROUP (include: Atheist, Agnostic)'
1 'CATHOLIC; ROMAN CATHOLIC, ORTHODOX' 2 'ISLAMIC/MUSLIM'
3 'JEWISH'
4 'PROTESTANT (Baptist, Methodist, Lutheran, Episcopalian, etc)'
5 'OTHER NON-CHRISTIAN (Unitarian-Universalist, Hindu, Druid)'
6 'OTHER CHRISTIAN (Jehovah Witness, Mormon, 7th Day Adventist, etc)'
95 'UNABLE TO CLASSIFY/MISC.' 98 'DO NOT KNOW' 99 'REFUSED' /

CD7@a 0 'ANOTHER PARTY, THIRD PARTY, ETC' 1 'REPUBLICAN'
4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW' 9 'REFUSED' /

CD7@b 1 'STRONG REPUBLICAN' 2 'NOT A VERY STRONG REPUBLICAN'
8 'DO NOT KNOW' 9 'REFUSED' /

CD7@c 6 'NOT A VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT'
8 'DO NOT KNOW' 9 'REFUSED' /

CD7@d 3 'REPUBLICAN' 4 'NEITHER (R PROVIDED)' 5 'DEMOCRAT'
8 'DO NOT KNOW' 9 'REFUSED' /

partyid 1 'STRONG REPUBLICAN' 2 'NOT STRONG REPUBLICAN'
3 'LEAN REPUBLICAN' 4 'NEITHER' 5 'LEAN DEMOCRAT'
6 'NOT STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'
9 'REFUSED' /

P17@a 0 'OTHER' 1 'CONSERVATIVE' 4 'MODERATE' 7 'LIBERAL'

8 'DO NOT KNOW' 9 'REFUSED' /
 P17@b 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P17@c 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P17@d 3 'CLOSER TO THE CONSERVATIVE' 4 'IN THE MIDDLE'
 5 'CLOSER TO THE LIBERAL SIDE' 8 'DO NOT KNOW' 9 'REFUSED' /
 ideology 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE'
 3 'LEAN CONSERVATIVE' 4 'MIDDLE' 5 'LEAN LIBERAL'
 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DO NOT KNOW'
 9 'REFUSED' /
 CD8 1 'MARRIED, REMARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'
 5 'MEMBER OF AN UNMARRIED COUPLE' 6 'SINGLE, NEVER BEEN MARRIED'
 7 'MISC/OTHER' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD15 1 'WORK FULL TIME' 2 'WORK PART TIME' 3 'WORK AND GO TO SCHOOL'
 4 'THE ARMED FORCES'
 5 'HAVE A JOB, BUT NOT AT WORK LAST WEEK (ON VAC, SICK LEAVE, ETC)'
 6 'UNEMPLOYED, LAID OFF, LOOKING FOR WORK' 7 'RETIRED'
 8 'SCHOOL FULL TIME' 9 'HOMEMAKER' 10 'DISABLED'
 11 'SEMI-RETIRED, RETIRED AND WORKING PART-TIME' 95 'MISC/OTHER'
 98 'DO NOT KNOW' 99 'REFUSED' /
 UN1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 UN2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 UN3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 inca 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incb 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incca 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incc 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incd 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incf 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incg 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 inch 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incha 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 inci 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD26 98 'DO NOT KNOW' 99 'REFUSED' /
 X1 0 'MISC/OTHER' 1 'RURAL COMMUNITY'
 2 'SMALL CITY OR TOWN, VILLAGE' 3 'A SUBURB' 4 'URBAN COMMUNITY'
 8 'DO NOT KNOW' 9 'REFUSED' /
 zipcode 8 'DO NOT KNOW' 9 'REFUSED' /
 demo_county 0 'GAVE CITY ONLY' 1 'ALCONA' 3 'ALGER' 5 'ALLEGAN' 7 'ALPENA'
 9 'ANTRIM' 11 'ARENAC' 13 'BARAGA' 15 'BARRY' 17 'BAY'
 19 'BENZIE' 21 'BERRIEN' 23 'BRANCH' 25 'CALHOUN' 27 'CASS'
 29 'CHARLEVOIX' 31 'CHEBOYGAN' 33 'CHIPPEWA' 35 'CLARE'
 37 'CLINTON' 39 'CRAWFORD' 41 'DELTA' 43 'DICKINSON' 45 'EATON'
 47 'EMMET' 49 'GENESEE' 51 'GLADWIN' 53 'GOGEBIC'
 55 'GRAND TRAVERSE' 57 'GRATIOT' 59 'HILLSDALE' 61 'HOUGHTON'
 63 'HURON' 65 'INGHAM' 67 'IONIA' 69 'IOSCO' 71 'IRON'
 73 'ISABELLA' 75 'JACKSON' 77 'KALAMAZOO' 79 'KALKASKA'
 81 'KENT' 83 'KEWEENAW' 85 'LAKE' 87 'LAPEER' 89 'LEELANAU'
 91 'LENAWEE' 93 'LIVINGSTON' 95 'LUCE' 97 'MACKINAC' 99 'MACOMB'
 101 'MANISTEE' 103 'MARQUETTE' 105 'MASON' 107 'MECOSTA'
 109 'MENOMINEE' 111 'MIDLAND' 113 'MISSAUKEE' 115 'MONROE'
 117 'MONTCALM' 119 'MONTMORENCY' 121 'MUSKEGON' 123 'NEWAYGO'
 125 'OAKLAND' 127 'OCEANA' 129 'OGEMAW' 131 'ONTONAGON'
 133 'OSCEOLA' 135 'OSCODA' 137 'OTSEGO' 139 'OTTAWA'
 141 'PRESQUE ISLE' 143 'ROSCOMMON' 145 'SAGINAW' 147 'ST. CLAIR'
 149 'ST. JOSEPH' 151 'SANILAC' 153 'SCHOOLCRAFT'
 155 'SHIAWASSEE' 157 'TUSCOLA' 159 'VAN BUREN' 161 'WASHTENAW'
 163 'WAYNE' 165 'WEXFORD' 777 'DO NOT KNOW' 990 'GAVE CITY ONLY'
 995 'DID NOT PROVIDE COUNTY/CITY' 999 'REFUSED' /
 demo_Detroit 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 cellular2 0 'SPECIFY' 98 'DO NOT KNOW' 99 'REFUSED' /
 demo_cell1 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 demo_cell4 777 'ZERO, NONE' 888 'DO NOT KNOW' 999 'REFUSED' /
 vote1a 1 'GRETCHEN WHITMER (DEMOCRAT)' 2 'BRIAN CALLEY (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /

votelah 1 'GRETCHEN WHITMER (DEMOCRAT)' 2 'BRIAN CALLEY (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 votelb 1 'GRETCHEN WHITMER (DEMOCRAT)' 2 'BILL SCHUETTE (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 votelbh 1 'GRETCHEN WHITMER (DEMOCRAT)' 2 'BILL SCHUETTE (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote2a 1 'DEBBIE STABENOW (DEMOCRAT)'
 2 'ROBERT RITCHIE/KID ROCK (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote2ah 1 'DEBBIE STABENOW (DEMOCRAT)'
 2 'ROBERT RITCHIE/KID ROCK (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote2a2 1 'DEBBIE STABENOW (DEMOCRAT)' 2 'FRED UPTON (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote2a2h 1 'DEBBIE STABENOW (DEMOCRAT)' 2 'FRED UPTON (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote2b 1 'DEBBIE STABENOW (DEMOCRAT)' 2 'ROBERT YOUNG (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote2bh 1 'DEBBIE STABENOW (DEMOCRAT)' 2 'ROBERT YOUNG (REPUBLICAN)'
 3 'OTHER (R VOLUNTEERED)'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 votel1 1 'VOTE FOR/PART-TIME' 2 'VOTE AGAINST/KEEP FULL-TIME'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 votel1h 1 'VOTE FOR/PART-TIME' 2 'VOTE AGAINST/KEEP FULL-TIME'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote12 1 'VOTE FOR/CREATE COMMISSION/END GERRYMANDERING'
 2 'VOTE AGAINST/DON''T CHANGE ANYTHING'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote12h 1 'VOTE FOR/CREATE COMMISSION/END GERRYMANDERING'
 2 'VOTE AGAINST/DON''T CHANGE ANYTHING'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote13 1 'VOTE FOR/LLEGALIZE' 2 'VOTE AGAINST/KEEP ILLEGAL'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 vote13h 1 'VOTE FOR/LLEGALIZE' 2 'VOTE AGAINST/KEEP ILLEGAL'
 8 'UNDECIDED/DO NOT KNOW (R VOLUNTEERED)' 9 'REFUSED' /
 kubiak11 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak12 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak13 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak14@a 1 'VERY AFFECTED' 2 'SOMEWHAT AFFECTED'
 3 'JUST SLIGHTLY AFFECTED' 4 'NOT AT ALL AFFECTED'
 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak14@b 1 'VERY AFFECTED' 2 'SOMEWHAT AFFECTED'
 3 'JUST SLIGHTLY AFFECTED' 4 'NOT AT ALL AFFECTED'
 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak15 1 'VERY SAFE' 2 'SOMEWHAT SAFE' 3 'SOMEWHAT UNSAFE'
 4 'VERY UNSAFE' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak101 1 'PUNISHING' 2 'REHABILITATING'
 3 'PUNISHED AND REHABILITATED (R VOLUNTEERED)' 8 'DO NOT KNOW'
 9 'REFUSED' /
 kubiak23@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak23@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak24@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak24@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak25@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak25@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak26@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak26@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak27@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 kubiak27@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

kubiak28@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak28@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak29@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak29@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak30@a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak30@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak31 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak32@a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak32@b 1 'YES' 5 'NO' /
kubiak32@c 1 'YES' 5 'NO' /
kubiak32@d 1 'YES' 5 'NO' /
kubiak32@e 1 'YES' 5 'NO' /
kubiak32@f 1 'YES' 5 'NO' /
kubiak32@g 1 'YES' 5 'NO' /
kubiak32@h 1 'YES' 5 'NO' /
kubiak32@i 1 'YES' 5 'NO' /
kubiak32@j 1 'YES' 5 'NO' /
kubiak32@k 1 'YES' 5 'NO' /
kubiak32@l 1 'YES' 5 'NO' /
kubiak32@m 1 'YES' 5 'NO' /
kubiak32@n 1 'YES' 5 'NO' /
kubiak32@o 1 'YES' 5 'NO' /
kubiak32@p 1 'YES' 5 'NO' /
kubiak32@q 1 'YES' 5 'NO' /
kubiak32@r 1 'YES' 5 'NO' /
kubiak32@s 1 'YES' 5 'NO' /
kubiak32@t 1 'YES' 5 'NO' /
kubiak32@u 1 'YES' 5 'NO' /
kubiak32@v 1 'YES' 5 'NO' /
kubiak32@w 1 'YES' 5 'NO' /
kubiak32@x 1 'YES' 5 'NO' /
kubiak32@y 1 'YES' 5 'NO' /
kubiak32@z 1 'YES' 5 'NO' /
kubiak33@a 1 'YES' 5 'NO' /
kubiak33@b 1 'YES' 5 'NO' /
kubiak33@c 1 'YES' 5 'NO' /
kubiak33@d 1 'YES' 5 'NO' /
kubiak33@e 1 'YES' 5 'NO' /
kubiak33@f 1 'YES' 5 'NO' /
kubiak33@g 1 'YES' 5 'NO' /
kubiak33@h 1 'YES' 5 'NO' /
kubiak33@i 1 'YES' 5 'NO' /
kubiak33@j 1 'YES' 5 'NO' /
kubiak33@k 1 'YES' 5 'NO' /
kubiak33@l 1 'YES' 5 'NO' /
kubiak33@m 1 'YES' 5 'NO' /
kubiak33@n 1 'YES' 5 'NO' /
kubiak33@o 1 'YES' 5 'NO' /
kubiak33@p 1 'YES' 5 'NO' /
kubiak33@q 1 'YES' 5 'NO' /
kubiak33@r 1 'YES' 5 'NO' /
kubiak33@s 1 'YES' 5 'NO' /
kubiak33@t 1 'YES' 5 'NO' /
kubiak33@u 1 'YES' 5 'NO' /
kubiak33@v 1 'YES' 5 'NO' /
kubiak33@w 1 'YES' 5 'NO' /
kubiak33@x 1 'YES' 5 'NO' /
kubiak33@y 1 'YES' 5 'NO' /
kubiak33@z 1 'YES' 5 'NO' /
kubiak36 1 '1' 2 '2' 3 '3' 4 '4 OR MORE' /
kubiak37@a 1 'YES' 2 'NO' /
kubiak37@b 998 'DO NOT KNOW' 999 'REFUSED' /
kubiak38 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak39 1 'LESS THAN A MONTH' 2 '1 TO 6 MONTHS' 3 '6 MONTHS TO A YEAR'
4 'A YEAR TO 2 YEARS' 5 'MORE THAN 2 YEARS' 8 'DO NOT KNOW'
9 'REFUSED' /
kubiak40@a 1 'YES/AWARE' 2 'NO/UNAWARE' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak40@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak40@c 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak41@a 1 'YES/AWARE' 2 'NO/UNAWARE' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak41@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak41@c 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak42@a 1 'YES/AWARE' 2 'NO/UNAWARE' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak42@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak42@c 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak43@a 1 'YES/AWARE' 2 'NO/UNAWARE' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak43@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak43@c 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak44@a 1 'YES/AWARE' 2 'NO/UNAWARE' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak44@b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak44@c 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
kubiak50@a 1 'YES' 5 'NO' /
kubiak50@b 1 'YES' 5 'NO' /
kubiak50@c 1 'YES' 5 'NO' /
kubiak50@d 1 'YES' 5 'NO' /
kubiak50@e 1 'YES' 5 'NO' /
kubiak50@f 1 'YES' 5 'NO' /
kubiak50@g 1 'YES' 5 'NO' /
kubiak50@h 1 'YES' 5 'NO' /
kubiak50@i 1 'YES' 5 'NO' /
kubiak50@j 1 'YES' 5 'NO' /
kubiak50@k 1 'YES' 5 'NO' /
kubiak50@l 1 'YES' 5 'NO' /
kubiak50@m 1 'YES' 5 'NO' /
kubiak50@n 1 'YES' 5 'NO' /
kubiak50@o 1 'YES' 5 'NO' /
kubiak50@p 1 'YES' 5 'NO' /
kubiak50@q 1 'YES' 5 'NO' /
kubiak50@r 1 'YES' 5 'NO' /
kubiak50@s 1 'YES' 5 'NO' /
kubiak50@t 1 'YES' 5 'NO' /
kubiak50@u 1 'YES' 5 'NO' /
kubiak50@v 1 'YES' 5 'NO' /
kubiak50@w 1 'YES' 5 'NO' /
kubiak50@x 1 'YES' 5 'NO' /
kubiak50@y 1 'YES' 5 'NO' /
kubiak50@z 1 'YES' 5 'NO' /
kubiak51 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
cotten01 1 'DO NOT DRIVE/0 HOURS'
2 '1 TO 5 HOURS (INCLUDE LESS THAN 1 HOUR IF GREATER THAN 0)'
3 '6 TO 10 HOURS' 4 'MORE THAN 10 HOURS' 8 'DO NOT KNOW'
9 'REFUSED' /
cotten02 1 'DO NOT KNOW HOW' 2 'HEALTH REASONS' 3 'DO NOT LIKE TO DRIVE'
4 'DO NOT HAVE A CAR/DO NOT HAVE WORKING CAR'
5 'DO NOT HAVE A LICENSE' 8 'DO NOT KNOW' 9 'REFUSED' /
cotten03a
1 'BUSINESSES/INDUSTRY/COMPANIES (INCL GM, FORD, GOOGLE, UBER, MANUFACTURING, ETC)'
2 'CONCERNS/SAFETY (INCL DANGER, ACCIDENTS, FAILURE, PROBLEMS, NEGATIVE RESPONSES, ETC)'

3 'COSTS'
4 'BENEFITS (INCL CONVENIENCE, NAVIGATION, NO PARKING PROBLEMS, SLEEP/RELAX WHILE MOVING, EXCITING, POSITIVE RESPONSES, ETC)'
5 'TECHNOLOGY (COMPUTERS, ARTIFICIAL INTELLIGENCE, AI, AUTOMATIC, SOFTWARE, HIGH TECH, SCIENCE FICTION, ETC)'
6 'SELF-DRIVING/DRIVERLESS/SELF-PARKING' 7 'MISC/OTHER'
8 'DO NOT KNOW' 9 'REFUSED' /

cotten03b
1 'BUSINESSES/INDUSTRY/COMPANIES (INCL GM, FORD, GOOGLE, UBER, MANUFACTURING, ETC)'
2 'CONCERNS/SAFETY (INCL DANGER, ACCIDENTS, FAILURE, PROBLEMS, NEGATIVE RESPONSES, ETC)'
3 'COSTS'
4 'BENEFITS (INCL CONVENIENCE, NAVIGATION, NO PARKING PROBLEMS, SLEEP/RELAX WHILE MOVING, EXCITING, POSITIVE RESPONSES, ETC)'
5 'TECHNOLOGY (COMPUTERS, ARTIFICIAL INTELLIGENCE, AI, AUTOMATIC, SOFTWARE, HIGH TECH, SCIENCE FICTION, ETC)'
6 'SELF-DRIVING/DRIVERLESS/SELF-PARKING' 7 'MISC/OTHER'
8 'DO NOT KNOW' 9 'REFUSED' /

cotten04 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
cotten05 1 'YES' 2 'UNSURE/MAYBE' 3 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
cotten06 1 'VERY INTERESTED' 2 'MODERATELY INTERESTED'
3 'SLIGHTLY INTERESTED' 4 'NOT AT ALL INTERESTED'
8 'DO NOT KNOW' 9 'REFUSED' /

cotten07 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
cotten08 1 'MORE LIKELY' 2 'LESS LIKELY' 3 'NO CHANGE' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten09 1 'AS SOON AS AVAILABLE' 2 'AS SOON AS IT BECOMES AFFORDABLE'
3 'AS SOON AS THEY ARE SAFE ENOUGH'
4 'WHEN THEY ARE COMMON ON THE ROAD'
5 'WILL NOT USE/NOT INTERESTED IN USING SELF-DRIVING VEHICLE'
8 'DO NOT KNOW' 9 'REFUSED' /

cotten10 1 'NOTHING/\$0' 2 'LESS THAN \$5,000' 3 '\$5,000 TO \$10,000'
4 'MORE THAN \$10,000'
5 'WILL NOT BUY/LEASE SELF-DRIVING VEHICLE' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11a 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11b 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11c 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11d 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11e 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11f 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten11g 1 'VERY IMPORTANT' 2 'MODERATELY IMPORTANT'
3 'SLIGHTLY IMPORTANT' 4 'NOT AT ALL IMPORTANT' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12a 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12b 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12c 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12d 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12e 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12f 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten12g 1 'VERY CONCERNED' 2 'MODERATELY CONCERNED'
3 'SLIGHTLY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
9 'REFUSED' /

cotten13 1 'MUCH MORE SAFE' 2 'MODERATELY MORE SAFE' 3 'NO CHANGE'
4 'MODERATELY LESS SAFE' 5 'MUCH LESS SAFE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore01 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'
4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /

moore02 1 'YES' 2 'SOMEWHAT/A LITTLE' 3 'NO' 8 'DO NOT KNOW' 9 'REFUSED'
/

moore03 1 'YES' 2 'SOMEWHAT/A LITTLE' 3 'NO' 8 'DO NOT KNOW' 9 'REFUSED'
/

moore04 1 'PRIVATE CITIZENS' 2 'UTILITY COMPANIES' 3 'LEASING COMPANIES'
4 'A MIX' 5 'NONE/SHOULD NOT BE BUILT' 8 'DO NOT KNOW'
9 'REFUSED' /

moore05 1 'ROOFTOPS' 2 'LARGE OPEN LAND' 3 'MIX OF BOTH' 4 'NEITHER'
8 'DO NOT KNOW' 9 'REFUSED' /

moore06 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

moore07a 1 'YES' 2 'NO'
3 'DON''T HAVE A ROOF/DON''T HAVE ENOUGH ROOF SPACE'
4 'MAYBE/DEPENDS ON OTHER FACTORS' 8 'DO NOT KNOW' 9 'REFUSED' /

moore07b 1 'YES' 2 'NO'
3 'WOULDN''T HAVE A ROOF/WOULDN''T HAVE ENOUGH ROOF SPACE'
4 'MAYBE/DEPENDS ON OTHER FACTORS' 8 'DO NOT KNOW' 9 'REFUSED' /

moore08 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore09 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore10 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore11 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore12 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore13 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore14 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore15 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore16 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED' /

moore17 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'

3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
 4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 moore18 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
 3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
 4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 moore19 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 moore20 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
 3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
 4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 moore21 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
 3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
 4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 moore22 1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT'
 3 'NEITHER SUPPORT NOR OPPOSE (R VOLUNTEERED)'
 4 'SOMEWHAT OPPOSE' 5 'STRONGLY OPPOSE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 moore23 1 'INCREASE SUPPORT A LOT' 2 'INCREASE SUPPORT A LITTLE'
 3 'NO CHANGE TO SUPPORT' 4 'DECREASE SUPPORT A LITTLE'
 5 'DECREASE SUPPORT A LOT' 8 'DO NOT KNOW' 9 'REFUSED' /
 moore24 1 'YES' 2 'MAYBE' 3 'NO' 4 'NOT PLANNING TO PURCHASE VEHICLE'
 8 'DO NOT KNOW' 9 'REFUSED' /
 moore25 1 'YES' 2 'MAYBE' 3 'NO' 4 'NOT PLANNING TO PURCHASE VEHICLE'
 8 'DO NOT KNOW' 9 'REFUSED' /
 houser01 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser02 1 'HUMAN ACTIVITIES RESPONSIBLE'
 2 'NATURAL CAUSES AND HUMAN ACTIVITIES EQUAL'
 3 'NATURAL CAUSES RESPONSIBLE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser03a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser03b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser03c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser04a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser04b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser04c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser05a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser05b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser05c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser05d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser05e 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 houser05f 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /

```

houser05g 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
           3 'NEITHER AGREE NOR DISAGREE' 4 'SOMEWHAT DISAGREE'
           5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
houser06  0 'YEARS' 125 'YEARS' 998 'DO NOT KNOW' 999 'REFUSED' /
RI         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
RIa        1 'YES' 3 'NO, DO NOT WANT TO GIVE EMAIL ADDRESS OUT'
           5 'NO, HAVE NO EMAIL' 8 'DO NOT KNOW' 9 'REFUSED' /
final      1 'COMPLETED INTERVIEW' 2 'PARTIAL INTERVIEW' /

```

COMMENT md, min and max specifications were translated into the
COMMENT following "MISSING VALUES" commands and "IF" statements:.

```

MISSING VALUES CC1 (9,8).
MISSING VALUES CC2 (9,8).
MISSING VALUES CC3 (9,8).
MISSING VALUES CC4 (9,8).
MISSING VALUES CC5 (9,8).
MISSING VALUES CC6 (9,8).
MISSING VALUES PO1 (9,8).
MISSING VALUES PO2 (9,8).
MISSING VALUES PO2 (9,8).
MISSING VALUES CD2 (99).
MISSING VALUES CD3 (99,98).
MISSING VALUES CD5a (9,8).
MISSING VALUES CD6 (99,98).
MISSING VALUES CD7@a (9,8).
MISSING VALUES CD7@b (9,8).
MISSING VALUES CD7@c (9,8).
MISSING VALUES CD7@d (9,8).
MISSING VALUES partyid (9,8).
MISSING VALUES P17@a (9,8).
MISSING VALUES P17@b (9,8).
MISSING VALUES P17@c (9,8).
MISSING VALUES P17@d (9,8).
MISSING VALUES ideology (9,8).
MISSING VALUES CD8 (9,8).
MISSING VALUES CD10 (99,98).
MISSING VALUES CD11 (99,98).
MISSING VALUES CD15 (99,98).
MISSING VALUES UN1 (9,8).
MISSING VALUES UN2 (9,8).
MISSING VALUES UN3 (9,8).
MISSING VALUES inca (9,8).
MISSING VALUES incb (9,8).
MISSING VALUES incca (9,8).
MISSING VALUES incc (9,8).
MISSING VALUES incd (9,8).
MISSING VALUES incf (9,8).
MISSING VALUES incg (9,8).
MISSING VALUES inch (9,8).
MISSING VALUES incha (9,8).
MISSING VALUES inci (9,8).
MISSING VALUES CD26 (99,98).
MISSING VALUES X1 (9,8).
MISSING VALUES zipcode (9,8).
MISSING VALUES demo_county (999).
MISSING VALUES demo_Detroit (9,8).
MISSING VALUES cellular2 (99,98).
MISSING VALUES demo_cell1 (9,8).
MISSING VALUES demo_cell4 (999,888).
MISSING VALUES votela (9,8).
MISSING VALUES votelah (9,8).
MISSING VALUES votelb (9,8).
MISSING VALUES votelbh (9,8).
MISSING VALUES vote2a (9,8).
MISSING VALUES vote2ah (9,8).

```

MISSING VALUES vote2a2 (9,8).
MISSING VALUES vote2a2h (9,8).
MISSING VALUES vote2b (9,8).
MISSING VALUES vote2bh (9,8).
MISSING VALUES vote11 (9,8).
MISSING VALUES vote11h (9,8).
MISSING VALUES vote12 (9,8).
MISSING VALUES vote12h (9,8).
MISSING VALUES vote13 (9,8).
MISSING VALUES vote13h (9,8).
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MISSING VALUES kubiak25@a (9,8).
MISSING VALUES kubiak25@b (9,8).
MISSING VALUES kubiak26@a (9,8).
MISSING VALUES kubiak26@b (9,8).
MISSING VALUES kubiak27@a (9,8).
MISSING VALUES kubiak27@b (9,8).
MISSING VALUES kubiak28@a (9,8).
MISSING VALUES kubiak28@b (9,8).
MISSING VALUES kubiak29@a (9,8).
MISSING VALUES kubiak29@b (9,8).
MISSING VALUES kubiak30@a (9,8).
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MISSING VALUES kubiak31 (9,8).
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MISSING VALUES kubiak37@a (9,8).
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MISSING VALUES kubiak42@a (9,8).
MISSING VALUES kubiak42@b (9,8).
MISSING VALUES kubiak42@c (9,8).
MISSING VALUES kubiak43@a (9,8).
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MISSING VALUES kubiak44@c (9,8).
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MISSING VALUES cotten12f (9,8).
MISSING VALUES cotten12g (9,8).
MISSING VALUES cotten13 (9,8).
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MISSING VALUES moore02 (9,8).
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MISSING VALUES moore04 (9,8).
MISSING VALUES moore05 (9,8).
MISSING VALUES moore06 (9,8).
MISSING VALUES moore07a (9,8).
MISSING VALUES moore07b (9,8).
MISSING VALUES moore08 (9,8).
MISSING VALUES moore09 (9,8).
MISSING VALUES moore10 (9,8).
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MISSING VALUES moore19 (9,8).
MISSING VALUES moore20 (9,8).
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MISSING VALUES moore23 (9,8).
MISSING VALUES moore24 (9,8).
MISSING VALUES moore25 (9,8).
MISSING VALUES houser01 (9,8).
MISSING VALUES houser02 (9,8).
MISSING VALUES houser03a (9,8).
MISSING VALUES houser03b (9,8).
MISSING VALUES houser03c (9,8).
MISSING VALUES houser04a (9,8).
MISSING VALUES houser04b (9,8).
MISSING VALUES houser04c (9,8).
MISSING VALUES houser05a (9,8).
MISSING VALUES houser05b (9,8).
MISSING VALUES houser05c (9,8).
MISSING VALUES houser05d (9,8).
MISSING VALUES houser05e (9,8).
MISSING VALUES houser05f (9,8).
MISSING VALUES houser05g (9,8).
MISSING VALUES houser06 (999,998).
MISSING VALUES RI (9,8).
MISSING VALUES RIa (9,8).

```
SAVE OUTFILE="" /* Replace 'y' with name to give your system file
/MAP
/COMPRESSED /* Delete this line if you want an uncompressed file
.
```

13. SPSS Weighting Syntax


```

* Encoding: windows-1252.
* INSTRUCTIONS:.
* Follow all ACTION comments and run all commands in order unless ACTION says otherwise.
* When ACTION says to Enter into Excel, put values into yellow cells.
* When ACTION says to copy weights, copy the pale green cells and overwrite only the lines below
that match them.
* Always run all syntax between ACTION steps as a block (highlight lines and Run).
* Ignore all other comments (they're mostly just informative).

* ACTION: Open Recall dataset.

DELETE VARIABLES CD5a, CD4@a CD4@b CD4@c CD4@d CD4@e CD4@f CD4@g, CD6, CD7@a CD7@b CD7@c CD7@d.
DELETE VARIABLES partyid, P17@a P17@b P17@c P17@d, ideology, income, males, females, listed.
DELETE VARIABLES LANDLINE CELLUSE.
freq var=cnty regn.

* ACTION: If cnty and regn are broken, run following line. Otherwise skip.
DELETE VARIABLES cnty, regn.

* ACTION: Run soss##_types.sps .
SORT CASES by CASEID (A).

* ACTION: Save as soss##recall###a-sorted.sav .
* ACTION: Open unweighted original RDD dataset from SOSS n-2 (source of Recall; e.g. soss[##-
2]rdd###a.sav).
* ACTION: Close Recall dataset.
SORT CASES by CASEID (A).
* ACTION: Save as soss[##-2]rddrecallsourcesorted.sav in current FinalData directory.

* ACTION: Open unweighted original Cell dataset from SOSS n-2 (source of Recall; e.g. soss[##-
2]cell###a.sav).
* ACTION: Close RDD Recall source dataset.
SORT CASES by CASEID (A).
* ACTION: Save as soss[##-2]cellrecallsourcesorted.sav in current FinalData directory.

* ACTION: Merge rddrecallsources into cellrecallsources (Data>Merge>Add cases), use all variables.
SORT CASES by CASEID (A).
* ACTION: Run soss##_types.sps .
* ACTION: Save as soss[##-2]recallsourcesorted.sav .
*Note that the next step won't do anything unless it was a Winter round.
RENAME VARIABLES D10=xD10 D11=xD11 D12=xD12.
* ACTION: Save as soss##recallsourcesready.

* ACTION: Open soss##recall###a-sorted.sav .
* ACTION: Close recallsources dataset.
* ACTION: Data > Merge Files > Add Variables
* ACTION: Use soss##recallsourcesready, Non-active is Keyed on CASEID, include all vars in active
(*), include only the following variables from other (+):
* listed.
* CD5a, CD4@a-@x, CD6, CD7@a-@d, partyid, P17@a-@d, ideology, income (where CD4@x is the last
CD4@ listed, typically @g).
* males, females.
* LANDLINE, CELLUSE.
* FNL.
* (cnty, regn if broken in Recall).

FREQUENCIES VARIABLES=CASEID
/ORDER=ANALYSIS.

* ACTION: Confirm total number of cases matches filename.
* ACTION: Save as soss##recall###a-merged (## = current SOSS).

* ACTION: Change character at end of COMPUTE line to first char in RDD Recall CaseIDs (should be
next letter in alphabet).

USE ALL.
COMPUTE filter_$(CHAR.SUBSTR(CASEID,1,1)='p').

```

```

VARIABLE LABELS filter_$ "CHAR.SUBSTR(CASEID,1,1)='a' (FILTER)".
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
USE ALL.
if(filter_#=1)source=2.

* ACTION: Change character in at end of COMPUTE line to first char in Cell Recall CaseIDs (should
be next letter in alphabet).

USE ALL.
COMPUTE filter_#=(CHAR.SUBSTR(CASEID,1,1)='c').
VARIABLE LABELS filter_# "CHAR.SUBSTR(CASEID,1,1)='a' (FILTER)".
VALUE LABELS filter_# 0 'Not Selected' 1 'Selected'.
FORMATS filter_# (f1.0).
FILTER BY filter_#.
EXECUTE.
USE ALL.
if(filter_#=1)source=4.

value labels source 1 'Fresh Landline' 2 'Recall Landline' 3 'Fresh Cell' 4 'Recall Cell'.
freq var=source.

DATASET COPY rdd.
DATASET ACTIVATE rdd.
FILTER OFF.
USE ALL.
SELECT IF (source=2).
EXECUTE.

FREQUENCIES VARIABLES=CASEID
/ORDER=ANALYSIS.

* ACTION: Save new dataset as soss##recallrdd###a.sav (### = # cases).
* ACTION: Close RDD Recall dataset.

USE ALL.
DATASET COPY cell.
DATASET ACTIVATE cell.
FILTER OFF.
USE ALL.
SELECT IF (source=4).
EXECUTE.

FREQUENCIES VARIABLES=CASEID
/ORDER=ANALYSIS.

* ACTION: Save new dataset as soss##recallcell###a.sav .
* ACTION: Close Cell Recall dataset.

* ACTION: Open Fresh RDD data (soss##rdd###a.sav).
* ACTION: Close Merged Recall dataset (don't save).
* ACTION: Run soss##_types.sps .

SORT CASES by CASEID (A).
compute source=1.
value labels source 1 'Fresh Landline' 2 'Recall Landline' 3 'Fresh Cell' 4 'Recall Cell'.
freq var=source.

* ACTION: Merge (Add Cases) RDD Recall data (soss##recallrdd###a.sav) with current dataset, keep
all variables from active dataset.

SORT CASES by CASEID (A).
freq var=source.

* ACTION: Confirm Frequencies.

```

```

* ACTION: Save Combined data as soss##fullrdd###a.sav (where ### is the total number of cases in
the file).

compute newregn2=0.
if (cnty=26049 or cnty=26087 or cnty=26091 or cnty=26093 or cnty=26099 or cnty=26115)newregn2=6.
if (cnty=26125 or cnty=26147 or cnty=26161 or cnty=26163)newregn2=6.

if (cnty=26021 or cnty=26023 or cnty=26025 or cnty=26027 or cnty=26045)newregn2=5.
if (cnty=26059 or cnty=26065 or cnty=26075 or cnty=26077 or cnty=26149)newregn2=5.
if (cnty=26159)newregn2=5.

if (cnty=26005 or cnty=26015 or cnty=26067 or cnty=26081 or cnty=26085)newregn2=3.
if (cnty=26101 or cnty=26105 or cnty=26107 or cnty=26117 or cnty=26121)newregn2=3.
if (cnty=26123 or cnty=26127 or cnty=26133 or cnty=26139)newregn2=3.

if (cnty=26011 or cnty=26017 or cnty=26035 or cnty=26037 or cnty=26051)newregn2=4.
if (cnty=26057 or cnty=26063 or cnty=26073 or cnty=26111 or cnty=26145)newregn2=4.
if (cnty=26151 or cnty=26155 or cnty=26157)newregn2=4.

if (cnty=26001 or cnty=26007 or cnty=26009 or cnty=26019 or cnty=26029)newregn2=2.
if (cnty=26031 or cnty=26039 or cnty=26047 or cnty=26055 or cnty=26069)newregn2=2.
if (cnty=26079 or cnty=26089 or cnty=26113 or cnty=26119 or cnty=26129)newregn2=2.
if (cnty=26137 or cnty=26135 or cnty=26141 or cnty=26143 or cnty=26165)newregn2=2.

if (cnty=26003 or cnty=26013 or cnty=26033 or cnty=26041 or cnty=26043)newregn2=1.
if (cnty=26053 or cnty=26061 or cnty=26071 or cnty=26083 or cnty=26095)newregn2=1.
if (cnty=26097 or cnty=26103 or cnty=26109 or cnty=26131 or cnty=26153)newregn2=1.
if (regn=7)newregn2=7.

value labels regn newregn2 1 'UP' 2 'N.LP' 3 'W.Central' 4 'E.Central' 5 'Southwest' 6 'Southeast'
7 'Detroit'.
freq var=newregn2.
crosstab table=regn by newregn2.

* ACTION: Confirm that regions don't overlap in data.
* ACTION: Confirm total sample size.

recode regn (sysmis=9).
if (regn ne newregn2)regn=newregn2.
freq var=regn listed.
recode listed (0=2).
weight off.
frequencies variables=listed.

* ACTION: Open SSSwt## 01a.xlsx and go to first tab ("1st Iter").
* ACTION: Enter freq into Excel.
* ACTION: Copy weights (Syntax column) into section below.
compute listwt=1.

if (listed=1 or listed=3)listwt=0.79059.
if (listed=2)listwt=1.96824.

weight by listwt.
freq var=listed regn.

compute tempwt=listwt*10.
weight by tempwt.
*weight off.
missing values cd26 ().
freq var=cd26.

frequencies variables=cd26.
recode cd26 (0,sysmis=99).
frequencies variables=cd26.

* ACTION: Confirm recoding of incorrect 0s and blanks as 99 (REFUSED/Missing) - Artifact of
allowing 0 response in Recall Cell.

```

```

frequencies variables=demo_cell1.
missing values demo_cell1 ().
recode demo_cell1 (sysmis=99).
if (demo_cell1=2 and cd26 lt 98)numphone=cd26.
if (demo_cell1=1 and cd26 lt 98)numphone=cd26+1.
if (demo_cell1 ge 98)numphone=cd26+1.
if (cd26=99 and demo_cell1=2)numphone=1.
if (cd26=99 and demo_cell1=1)numphone=2.
if (cd26=99 and demo_cell1 gt 2)numphone=2.
*if (demo_cell1 ge 7)numphone=cd26.
recode numphone (sysmis=1).

frequencies variables=numphone.

* ACTION: Enter freq into Excel (be mindful of skipped cells).
* ACTION: Copy weights into section below.
* This weights households by number of phone lines.
compute phwt=listwt.

if (numphone eq 1 or numphone ge 98)phwt=1.71521*listwt.
if (numphone eq 2)phwt=0.8576*listwt.
if (numphone eq 3)phwt=0.57174*listwt.
if (numphone eq 4)phwt=0.4288*listwt.
if (numphone eq 5)phwt=1*listwt.
if (numphone eq 6)phwt=1*listwt.
if (numphone eq 7)phwt=1*listwt.
if (numphone eq 8)phwt=1*listwt.
if (numphone eq 9)phwt=1*listwt.
if (numphone eq 10)phwt=1*listwt.

weight by phwt.
FREQUENCIES
  VARIABLES= cd10 cd26 numphone.

* ACTION: Confirm total against Excel.

compute roundwt=10*phwt.
weight by roundwt.
freq var=cd10.
missing values cd10 ().
recode cd10 (sysmis,98=1).
recode cd10 (sysmis,99=1).

*missing recoded as 1 due to assumption that those living alone are less likely to want it known.
compute adults=cd10.
freq var=adults cd10.

* ACTION: Enter freq into Excel (be mindful of skipped cells).
* ACTION: Copy weights into section below.
* This adjusts weight by number of adults in the household.
compute adlwt=phwt.

if (cd10=1 or cd10=99)adlwt=phwt*0.5582.
if (cd10=2)adlwt=phwt*1.1164.
if (cd10=3)adlwt=phwt*1.67461.
if (cd10=4)adlwt=phwt*2.23281.
if (cd10=5)adlwt=phwt*2.79101.
if (cd10=6)adlwt=phwt*1.
if (cd10=7)adlwt=phwt*3.90741.
if (cd10=8)adlwt=phwt*1.
if (cd10=9)adlwt=phwt*1.
if (cd10=10)adlwt=phwt*1.
if (cd10=11)adlwt=phwt*1.
if (cd10=12)adlwt=phwt*1.
if (cd10=13)adlwt=phwt*1.

```

```

weight by adltwt.
freq var=cd10.

* ACTION: Confirm total against Excel (if no match, re-check for skipped cells in freqs).
*compute phstatus=9.
*if (demo_cell1=9)phstatus=2.
* The statement above should be unnecessary if demo_cell1 was NOT skipped incorrectly in the q
instrument.

if (demo_cell1=2)phstatus=1.
if (demo_cell1 =1)phstatus=2.
if (demo_cell1=9)phstatus=2.
missing values phstatus (9).
value labels phstatus 1 'Landline only' 2 'Both Land and Cell' 3 'Cell only'.
frequencies variables=phstatus.

* ACTION: Confirm total number of cases.
* ACTION: Save RDD data (e.g., ...b.sav).

* ACTION: Open Fresh Cell data (e.g., soss##cell###a.sav).
* ACTION: Close RDD data.
* ACTION: Run soss##_types.sps on Cell.

SORT CASES by CASEID (A).
compute source=3.
value labels source 1 'Fresh Landline' 2 'Recall Landline' 3 'Fresh Cell' 4 'Recall Cell'.
freq var=source.

* ACTION: Merge (Add Cases) Cell Recall data (soss##recallcell###a.sav) with current dataset,
keep all variables from active dataset.

recode listed (0=2).

SORT CASES by CASEID (A).
freq var=source.

* ACTION: Confirm Frequencies.
* ACTION: Save Combined Cell data as soss##fullcell###a.sav .

compute newreg2=0.
if (cnty=26049 or cnty=26087 or cnty=26091 or cnty=26093 or cnty=26099 or cnty=26115)newreg2=6.
if (cnty=26125 or cnty=26147 or cnty=26161 or cnty=26163)newreg2=6.

if (cnty=26021 or cnty=26023 or cnty=26025 or cnty=26027 or cnty=26045)newreg2=5.
if (cnty=26059 or cnty=26065 or cnty=26075 or cnty=26077 or cnty=26149)newreg2=5.
if (cnty=26159)newreg2=5.

if (cnty=26005 or cnty=26015 or cnty=26067 or cnty=26081 or cnty=26085)newreg2=3.
if (cnty=26101 or cnty=26105 or cnty=26107 or cnty=26117 or cnty=26121)newreg2=3.
if (cnty=26123 or cnty=26127 or cnty=26133 or cnty=26139)newreg2=3.

if (cnty=26011 or cnty=26017 or cnty=26035 or cnty=26037 or cnty=26051)newreg2=4.
if (cnty=26057 or cnty=26063 or cnty=26073 or cnty=26111 or cnty=26145)newreg2=4.
if (cnty=26151 or cnty=26155 or cnty=26157)newreg2=4.

if (cnty=26001 or cnty=26007 or cnty=26009 or cnty=26019 or cnty=26029)newreg2=2.
if (cnty=26031 or cnty=26039 or cnty=26047 or cnty=26055 or cnty=26069)newreg2=2.
if (cnty=26079 or cnty=26089 or cnty=26113 or cnty=26119 or cnty=26129)newreg2=2.
if (cnty=26137 or cnty=26135 or cnty=26141 or cnty=26143 or cnty=26165)newreg2=2.

if (cnty=26003 or cnty=26013 or cnty=26033 or cnty=26041 or cnty=26043)newreg2=1.
if (cnty=26053 or cnty=26061 or cnty=26071 or cnty=26083 or cnty=26095)newreg2=1.
if (cnty=26097 or cnty=26103 or cnty=26109 or cnty=26131 or cnty=26153)newreg2=1.
if (reg2=7)newreg2=7.

value labels regn newreg2 1 'UP' 2 'N.LP' 3 'W.Central' 4 'E.Central' 5 'Southwest' 6 'Southeast'
7 'Detroit'.

```

```

freq var=newregn2.
crosstab table=regn by newregn2.

* ACTION: Confirm that regions don't overlap.

if (regn ne newregn2)regn=newregn2.
freq var=regn listed.
*compute listed=listed59.
frequencies variables=listed.

* ACTION: Confirm total sample size.

weight off.
compute listwt=1.
recode listed (1=3).
value labels listed 1 'listed Landlline' 2 'not listed Landline' 3 'cell phone'.
weight by listwt.
freq var=listed regn.
compute tempwt=listwt*10.
weight by tempwt.
*weight off.
missing values cd26 ().
frequencies variables=landline cd26.
if (landline=2)numphone=1.
if (landline=1 and cd26 lt 98)numphone=cd26+1.
*Assigns value of 2 for anyone who has landline but refused to say how many (one home phone, one
cell phone).
if (landline=1 and cd26=99)numphone=2.
*SOSS64 didn't ask recall cell about landlines. Next two lines should be removed once fixed+2
(SOSS67).
if (cd26 lt 98 and sysmis(landline))numphone=cd26+1.
if (cd26=99 and sysmis(landline))numphone=2.
frequencies variables=numphone.

* ACTION: Enter freq into Excel (be mindful of skipped cells).
* ACTION: Copy weights into section below.
* This weights households by number of phone lines.
compute phwt=listwt.

if (numphone eq 1 or numphone ge 98)phwt=1.17611*listwt.
if (numphone eq 2)phwt=0.58806*listwt.
if (numphone eq 3)phwt=0.39204*listwt.
if (numphone eq 4)phwt=0.29403*listwt.
if (numphone eq 5)phwt=1*listwt.
if (numphone eq 6)phwt=0.19602*listwt.
if (numphone eq 7)phwt=1*listwt.
if (numphone eq 8)phwt=0.14701*listwt.

weight by phwt.
FREQUENCIES
  VARIABLES= CD10 numphone .
compute roundwt=10*phwt.
weight by roundwt.
freq var=cd10.

* ACTION: Confirm sample size.

missing values cd10 ().
recode cd10 (sysmis,99=1).
compute adults=cd10.
freq var=adults cd10.
* This adjusts weight by number of adults in the household.
compute adltwt=phwt.
weight by adltwt.
freq var=cd10.
compute phstatus=9.
if (numphone=1)phstatus=3.

```

```

if (numphone gt 1)phstatus=2.
missing values phstatus (9).
frequencies variables=phstatus.
missing values phstatus ().

* ACTION: Confirm sample size.

* ACTION: Save Cell data (e.g., ...b.sav).
* ACTION: Merge (Add Cases) Landline data (soss##fullrdd##b.sav) with Cell data, keep all
variables.

SORT CASES by CASEID (A).
freq var=source.
missing values CD1 (-9,9).

* ACTION: Confirm source breakdown.
* ACTION: Save merged file as soss##all###a.sav .
* ACTION: Save syntax (this file) as new version (e.g., ...b.sps).
* ACTION: Save Excel as new version (e.g., ...b.xlsx).

* Fix incorrect final codes.
recode final (3=2).
recode final (sysmis=2).

compute tempwt=adltwt*10.
weight by tempwt.

frequencies variables = phstatus.

* ACTION: Enter freq into Excel.
* ACTION: Copy weights into section below.
missing values phstatus ().
compute landcellwt=1.

if (phstatus eq 1 or phstatus=9)landcellwt=0.45713*adltwt.
if (phstatus eq 2)landcellwt=0.9397*adltwt.
if (phstatus eq 3)landcellwt=1.2408*adltwt.

weight by landcellwt.
frequencies variables= phstatus.

* ACTION: Confirm total against Excel.
* ACTION: Enter total into Excel as Wted N.

weight off.
frequencies variables=phstatus.

* ACTION: Enter total into Excel as Actual N.
* ACTION: Copy weight into section below.

compute totalwt=1*landcellwt.

weight by totalwt.
frequencies variables=phstatus source.
*compute roundwt=adltwt*.5341.
compute tempwt=totalwt*10.
weight by tempwt.
recode x1 (98=8)(99=9).
frequencies variables=x1.
recode cd1 cd2 (sysmis=-9).
recode cd1 (2=5).
value labels cd1 1 'Male' 5 'Female'.
FREQUENCIES
  VARIABLES=cd1 cd2.
*missing values cd2 ().
*temporary.
*select if (cd2=99 and sample=1).

```

```

*freq var=caseid.
compute age=0.
if (cd2 gt 9 and cd2 le 93)age=111-cd2.
*if (cd2 gt 88 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 98)age=0.
if (age=17)age=18.
if (age le 0)age=0.
if (age ge 18 and age lt 25)agecat=1.
if (age ge 25 and age lt 30)agecat=2.
if (age ge 30 and age lt 40)agecat=3.
if (age ge 40 and age lt 50)agecat=4.
if (age ge 50 and age lt 60)agecat=5.
if (age ge 60 and age lt 65)agecat=6.
if (age ge 65)agecat=7.
if (age le 17)agecat=9.
if (age eq 107)agecat=9.
missing values age (0)/agecat (9).
value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
  4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.
recode age (18 thru 29=1)(30 thru 39=2)(40 thru 49=3)(50 thru 59=4)(60 thru 69=5)(70 thru 79=6)(80
thru 99=7) into agecat7.
value labels agecat7 1 '18-29' 2 '30-39' 3 '40-49' 4 '50-59' 5 '60-69' 6 '70-79' 7 '80+'.
frequencies variables= agecat7.
freq var=age.
freq var=agecat.
freq var=regn.
compute rac3=0.
compute multrace=0.
count mult2=cd4@a to cd4@e (1).
if (mult2=0 and cd5a=1)races=1.
if (cd4@a=1 and mult2=1)races=1.
if (cd4@b=1 and mult2=1)races=2.
if (cd4@c=1 and mult2=1)races=3.
if (cd4@d=1 and mult2=1)races=4.
if (cd4@e=1 and mult2=1)races=5.
if (mult2 gt 1 and cd4@e=1)races=5.
if (mult2 gt 1 and cd4@d=1)races=4.
if (mult2 gt 1 and cd4@c=1)races=3.
if (mult2 gt 1 and cd4@b=1)races=2.
recode races (1=1)(2=2)(3,4,5=3) into rac3.
value labels races 1 'white' 2 'black' 3 'hawaiian, PI'
  4 'asian' 5 'indian'/rac3 1 'white' 2 'black' 3 'other'.
missing values rac3 ().
compute imprace=rac3.
if (imprace=0 and regn=7)imprace=2.
if (imprace=0 and regn lt 7)imprace=1.
value labels imprace 1 'white' 2 'black' 3 'other'.
freq var=imprace.
weight off.
freq var=listed.
*compute adj1=adltwt.
compute adj1=totalwt.
compute ovrsamwt=adj1.
compute roundwt=ovrsamwt*10.
weight by tempwt.
  frequencies variables=cd1.
*recode cd1 (1=1)(2=5).
frequencies variables=cd1.
CROSSTABS
  /TABLES= regn BY imprace
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT.
compute REGNRACEwt=ovrsamwt.

* ACTION: Enter Total freqs (last row) into Excel.
* ACTION: Copy weights into section below.

```



```

if (imprace eq 1)REGNRACEwt=ovrsamwt*0.90668.
if (imprace eq 2)REGNRACEwt=ovrsamwt*1.60197.
if (imprace eq 3)REGNRACEwt=ovrsamwt*1.73322.

weight by REGNRACEwt.
CROSSTABS
  /TABLES=imprace BY regn
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT tot.
*   This weights cases by gender, imprace and region.
  compute roundwt=REGNRACEwt*10.
weight by roundwt.
crosstabs tables=agecat7 by cd1/cells count.

* ACTION: Copy table into first worksheet of Converter.xlsx (age_gender), copy highlighted content
to weighting spreadsheet (Paste Special > Values).
* ACTION: Copy weights into section below.
recode cd1 (5=2).
compute sexagewt=REGNRACEwt.

if (cd1=1 and agecat7 eq 1)sexagewt=REGNRACEwt*1.19257.
if (cd1=1 and agecat7 eq 2)sexagewt=REGNRACEwt*1.12762.
if (cd1=1 and agecat7 eq 3)sexagewt=REGNRACEwt*0.95535.
if (cd1=1 and agecat7 eq 4)sexagewt=REGNRACEwt*0.83799.
if (cd1=1 and agecat7 eq 5)sexagewt=REGNRACEwt*0.7844.
if (cd1=1 and agecat7 eq 6)sexagewt=REGNRACEwt*1.10417.
if (cd1=1 and agecat7 eq 7)sexagewt=REGNRACEwt*1.55267.

if (cd1=2 and agecat7 eq 1)sexagewt=REGNRACEwt*1.68704.
if (cd1=2 and agecat7 eq 2)sexagewt=REGNRACEwt*1.33724.
if (cd1=2 and agecat7 eq 3)sexagewt=REGNRACEwt*0.72786.
if (cd1=2 and agecat7 eq 4)sexagewt=REGNRACEwt*0.82394.
if (cd1=2 and agecat7 eq 5)sexagewt=REGNRACEwt*0.85244.
if (cd1=2 and agecat7 eq 6)sexagewt=REGNRACEwt*0.91931.
if (cd1=2 and agecat7 eq 7)sexagewt=REGNRACEwt*1.78903.

weight by sexagewt.
compute roundwt=sexagewt*10.
weight by roundwt.
freq var=regn

* ACTION: Enter freq into Excel as Wtd (left column).

weight off.
freq var=regn.

* ACTION: Enter freq into Excel as Actual N (right column).
* ACTION: Copy weights into section below.
*The following command adjusts the number of cases in each region back to the actual number
interviewed.
compute adjwt=sexagewt.

if (regn=1)adjwt=sexagewt*1.08197.
if (regn=2)adjwt=sexagewt*1.12281.
if (regn=3)adjwt=sexagewt*1.08676.
if (regn=4)adjwt=sexagewt*1.03301.
if (regn=5)adjwt=sexagewt*1.05721.
if (regn=6)adjwt=sexagewt*0.99499.
if (regn=7)adjwt=sexagewt*0.68256.

weight by adjwt.
freq var=regn.
weight off.
freq var=regn.
recode regn (1=1) (2=2) (3=3) (4=4) (5=5) (6=6) (7=6) into msuereg.
value labels msuereg 1 'UP' 2 'North LP' 3 'W.Central' 4 'E.Central'
5 'Southwest' 6 'Southeast Urban'.

```

```

compute tempwt=10*adjwt.
weight by tempwt.
freq var=msueregn newregn2.

* ACTION: Copy weights into section below (Excel calculates based on prior input).
compute msuewt=adjwt.

if (regnt=7)msuewt=adjwt*0.96809.
if (regnt=6)msuewt=adjwt*1.00482.

weight by msuewt.
freq var=msueregn regn cd1.
compute roundwt=msuewt*10.
weight by roundwt.
freq var=msueregn.

* ACTION: Enter freq into Excel.
* ACTION: Copy weights into section below.
compute statewt=msuewt.

if (msueregn eq 1)statewt=msuewt*0.96274.
if (msueregn eq 2)statewt=msuewt*0.76049.
if (msueregn eq 3)statewt=msuewt*1.24928.
if (msueregn eq 4)statewt=msuewt*0.86548.
if (msueregn eq 5)statewt=msuewt*0.79273.
if (msueregn eq 6)statewt=msuewt*1.07327.

req var=regnt msueregn.
frequencies variables=cd1 cd3 cd5a rac3 cd8 cd10 cd15 agecat imprace .
recode cd6 (7=6).
freq var=imprace.
compute laborforce=-9.
if (CD15 lt 7 or cd15=11)laborforce=1.
if (cd15 ge 7 and cd15 lt 11)laborforce=2.
missing values laborforce (-9).
value labels laborforce 1 'In the labor force' 2 'Not in labor force'.
variable labels laborforce 'Is respondent in the labor force or not'.
frequencies variables=laborforce.
crosstabs tables=cd15 by laborforce /cells count column.
*compute statewtsx=statewt.
*if (cd1 =1)statewtsx=statewt*0.955063.
*if (cd1 = 5)statewtsx=statewt*1.045662.
*weight by statewtsx.
*frequencies variables=cd1 cd3 cd5a rac3 cd8 cd10 cd15 agecat.
*compute statewt=statewtsx.
*weight by statewt.
*recode cd11 (sysmis=-9).
*if (cd10 =1 and (age ge 65 and age lt 99))cd11=1.
*if (cd10=1 and age lt 65)cd11=0.
*recode cd11 (-9=99).
* This calculates household income categories a different way assigning the case
  to the category represented by the last valid (i.e., non-DONT KNOW or REFUSAL)
  response obtained; It corrects an error in the storing of the separate income question
  responses in the INCOME question in the cati instrument (including an incorrect skip
  pattern and also minimizes the number of cases for which missing data values are
  stored by utilizing their last valid response.
freq var=income.
recode income (sysmis=-9).
missing values inca ().
compute newinc=0.
if (inca=8)newinc=98.
if (inca=9)newinc=99.
if (inca=1)newinc=5.
if (inca=5)newinc=4.
if (inca=11)newinc=2.
if (inca=51)newinc=3.
if (inca=55)newinc=4.

```



```

weight by statewt.
frequencies variables = cdl imprace agecat7 msueregn.

* ACTION: Enter Valid Percents into Excel.
* ACTION: Save sav, xlsx, and sps as new versions.
* ACTION: If Demographics don't match Actual within ~1%, do 2nd Iteration.
* ACTION: If Demographics are close enough, jump to Resume below (search for "ACTION: Resume").

***** 2nd Iteration.

weight by roundwt.
frequencies variables = phstatus.

* ACTION: Switch to "2nd Iter" worksheet in Excel.
* ACTION: Enter freq into Excel.
* ACTION: Copy weights into section below.
missing values phstatus ().
compute landcellwt2=1.

if (phstatus eq 1 or phstatus=9)landcellwt2=1.00246*statewt.
if (phstatus eq 2)landcellwt2=1.09424*statewt.
if (phstatus eq 3)landcellwt2=0.93687*statewt.

weight by landcellwt2.
frequencies variables= phstatus.

* ACTION: Enter total into Excel (Wtd N).

frequencies variables= phstatus source.
weight off.
frequencies variables=phstatus.

* ACTION: Enter total into Excel (Actual N).
* ACTION: Copy weight into section below.
compute tempwt=landcellwt2*10.
weight by tempwt.
frequencies variables=source.

compute totalwt2=1*landcellwt2.

weight by totalwt2.
frequencies variables=phstatus source.
compute tempwt=totalwt2*10.
weight by tempwt.
frequencies variables=source.
compute adj2=totalwt2.
compute ovrsamwt2=adj2.
compute roundwt=ovrsamwt2*10.
weight by roundwt.
frequencies variables=cdl.
CROSSTABS
  /TABLES= regn BY imprace
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT.

* ACTION: Enter freq into Excel.
* ACTION: Copy weights into section below.
* This weights cases by gender, imprace and region.
compute REGNRACEwt2=ovrsamwt2.

if (imprace eq 1)REGNRACEwt2=ovrsamwt2*0.98242.
if (imprace eq 2)REGNRACEwt2=ovrsamwt2*1.13632.
if (imprace eq 3)REGNRACEwt2=ovrsamwt2*0.9632.

weight by REGNRACEwt2.
CROSSTABS
  /TABLES=imprace BY regn

```

```

/FORMAT= AVALUE NOINDEX BOX LABELS TABLES
/CELLS= COUNT tot.
compute roundwt=REGNRACEwt2*10.
weight by roundwt.
crosstabs tables=agecat7 by cd1 by regn/cells count.
crosstabs tables=agecat7 by cd1/cells count.

* ACTION: Enter freq into second tab of Converter.xlsx (2nd Pass).
* ACTION: Copy weights into section below.
compute sexagew2=regnracewt2.

if (cd1=1 and agecat7 eq 1)sexagew2=REGNRACEwt2*1.05578.
if (cd1=1 and agecat7 eq 2)sexagew2=REGNRACEwt2*1.08182.
if (cd1=1 and agecat7 eq 3)sexagew2=REGNRACEwt2*0.98757.
if (cd1=1 and agecat7 eq 4)sexagew2=REGNRACEwt2*0.98773.
if (cd1=1 and agecat7 eq 5)sexagew2=REGNRACEwt2*0.97702.
if (cd1=1 and agecat7 eq 6)sexagew2=REGNRACEwt2*0.94607.
if (cd1=1 and agecat7 eq 7)sexagew2=REGNRACEwt2*0.95433.

if (cd1=2 and agecat7 eq 1)sexagew2=REGNRACEwt2*1.01253.
if (cd1=2 and agecat7 eq 2)sexagew2=REGNRACEwt2*1.05.
if (cd1=2 and agecat7 eq 3)sexagew2=REGNRACEwt2*0.99671.
if (cd1=2 and agecat7 eq 4)sexagew2=REGNRACEwt2*0.96689.
if (cd1=2 and agecat7 eq 5)sexagew2=REGNRACEwt2*0.94437.
if (cd1=2 and agecat7 eq 6)sexagew2=REGNRACEwt2*0.94798.
if (cd1=2 and agecat7 eq 7)sexagew2=REGNRACEwt2*1.02391.

weight by sexagew2.
compute roundwt=sexagew2*10.
weight by roundwt.
freq var=regn

* ACTION: Enter totals into Excel as Wted N (Left).

weight off.
freq var=regn.

* ACTION: Confirm total against Excel.
* ACTION: Confirm Actual Ns (Right; should already be there based on 1st Iter).
* ACTION: Copy weights into section below.
*The following command adjusts the number of cases in each region back to the actual number
interviewed.
compute adjwt2=sexagew2.

if (regn=1)adjwt2=sexagew2*1.03774.
if (regn=2)adjwt2=sexagew2*1.29817.
if (regn=3)adjwt2=sexagew2*0.8134.
if (regn=4)adjwt2=sexagew2*1.16029.
if (regn=5)adjwt2=sexagew2*1.26866.
if (regn=6)adjwt2=sexagew2*0.92977.
if (regn=7)adjwt2=sexagew2*0.9.

weight by adjwt2.
freq var=regn.

* ACTION: Copy weights into section below (Excel already calculated it out based on prior data).
weight off.
freq var=regn.
compute tempwt=10*adjwt2.
weight by tempwt.
freq var=msueregn newregn2.
compute msuewt2=adjwt2.

if (regn=7)msuewt2=adjwt2*0.96809.
if (regn=6)msuewt2=adjwt2*1.00482.

weight by msuewt2.

```

```

freq var=msueregn regn cdl.
compute roundwt=msuewt2*10.
weight by roundwt.
freq var=msueregn.

* ACTION: Enter freqs into Excel.
* ACTION: Copy weights into section below.
compute statewt2=msuewt2.

if (msueregn eq 1)statewt2=msuewt2*0.96274.
if (msueregn eq 2)statewt2=msuewt2*0.76049.
if (msueregn eq 3)statewt2=msuewt2*1.24928.
if (msueregn eq 4)statewt2=msuewt2*0.86548.
if (msueregn eq 5)statewt2=msuewt2*0.79227.
if (msueregn eq 6)statewt2=msuewt2*1.0735.

weight by statewt2.
freq var=regn msueregn.
frequencies variables=cd1 cd3 cd5a rac3 cd8 cd10 cd15 agecat imprace .
recode cd6 (7=6).
freq var=imprace.
compute adjwt210=adjwt2*10000.
compute msuewt210=msuewt2*10000.
compute statewt210=statewt2*10000.
*compute racewt=racewt*10000.
execute.
weight by statewt2.
frequencies variables = cd1 imprace agecat7 msueregn.

* ACTION: Enter Valid Percents into Excel.
* ACTION: Save sav, xlsx, and sps as new versions.
* ACTION: If Demographics don't match Actual within ~1%, do 3rd Iteration (good luck with that!).

weight by statewt2.
SORT CASES BY regn.
SPLIT FILE LAYERED BY regn.
DESCRIPTIVES VARIABLES=statewt2
/STATISTICS=MEAN.

SPLIT FILE OFF.

weight by statewt2.
DESCRIPTIVES VARIABLES=statewt2
/STATISTICS=MEAN.

* ACTION: Copy means to Excel to calculate Margin of Error with Design Effects

compute adjwt210=adjwt2*10000.
compute msuewt210=msuewt2*10000.
compute statewt210=statewt2*10000.
*compute racewt=racewt*10000.
execute.
weight by statewt2.

var labels
adj1 'Initial Weight Adjustment: Interim'/
ovrsamwt 'Initial Weight Adjustment: Interim'/
REGNRACEwt 'Initial Weight Adjustment: Sex x Race x Region'/
sexagewt 'Initial Weight Adjustment: Age x Region'/
adjwt 'Initial Weight Adjustment: Phones, adults, race, gender, age, region'/
msuewt 'Initial Weight: MSU Regions'/
statewt 'Initial Weight for Statewide Analysis'/
ovrsamwt2 'Weight Adjustment: Interim'/
REGNRACEwt2 'Weight Adjustment: Sex x Race x Region'/
sexagewt2 'Weight Adjustment: Age x Region'/
adjwt2 'Weight Adjustment: Phones, adults, race, gender, age, region'/
msuewt2 'Weight: MSU Regions'/

```

```

statewt2 'Final Weight for Statewide Analysis'/.

* ACTION: Jump to Resume2 below.

* ACTION: Resume (for 1 round of Weighting).
* ACTION: Skip if 2nd round of Weighting (must use statewt2; jump to "Resume2").

weight by statewt.
SORT CASES BY regn.
SPLIT FILE LAYERED BY regn.
DESCRIPTIVES VARIABLES=statewt
  /STATISTICS=MEAN.

SPLIT FILE OFF.

weight by statewt.
DESCRIPTIVES VARIABLES=statewt
  /STATISTICS=MEAN.

* ACTION: Copy means to Excel to calculate Margin of Error with Design Effects.
* ACTION: Save Excel file as new version.

compute adjwt10=adjwt*10000.
compute msuewt10=msuewt*10000.
compute statewt10=statewt*10000.
*compute racewt=racewt*10000.
execute.
weight by statewt.

* ACTION: Resume2 (for 2 rounds of Weighting).

SORT CASES by CASEID (A).

* ACTION: Save dataset as soss##wtFULL.sav .
* ACTION: Copy DATA LIST contents from soss##rdd.sps from "/1" to to "final ##-##" (leave
everything after final intact).
* ACTION: Delete rname and email (and the numbers right after them) below.
* ACTION: If 1 iteration: Use STATEWT10, ADJWT10, and MSUEWT10 below.
* ACTION: If 2 iterations: Use STATEWT210, ADJWT210, and MSUEWT210 below.

write Outfile=''
/1      CASEID 1-5 (A)          ID1 1-5 (A)          R1 6
      cnty 7-11              regn 12              randvotel 13 (A)
      randvote2 14 (A)      randcotten 15 (A)      rand4 16 (A)
      rand5 17 (A)         rand6 18 (A)         city2 19-38 (A)
      listed 39              CC1 40              CC2 41
      CC3 42                 CC4 43              CC5 44
      CC6 45                 PO1 46              PO2 47
/2      CD1 1                 CD2 2-3              CD3 4-5
      CD5a 6                 CD4@a 7              CD4@b 8
      CD4@c 9                 CD4@d 10              CD4@e 11
      CD4@f 12                 CD4@g 13              CD6 14-15
      CD7@a 16                 CD7@b 17              CD7@c 18
      CD7@d 19                 partyid 20            P17@a 21
      P17@b 22                 P17@c 23            P17@d 24
      ideology 25              CD8 26              married 27 (A)
      CD10 28-29              CD11 30-31           CD15 32-33
      UN1 34                   UN2 35              UN3 36
      inca 37                  incb 38              incca 39
      incc 40                  incd 41              inccf 42
      incg 43                  inch 44              incha 45
      inci 46                  income 47-48         CD26 49-50
      X1 51                    zipcode 52-56       demo_county 57-59
      demo_Detroit 60          cellular2 61-62      demo_cell1 63
      demo_cell14 64-66        votela 67            vote1ah 68
      vote1b 69                vote1bh 70           vote2a 71
      vote2ah 72                vote2b 73            vote2bh 74

```

```

        vote11 75          vote11h 76          vote12 77
        vote12h 78        vote13 79          vote13h 80
/3      kubiak13 3
        kubiak14@a 4      kubiak14@b 5
        kubiak23@a 8      kubiak23@b 9
        kubiak24@a 10     kubiak24@b 11     kubiak25@a 12
        kubiak25@b 13     kubiak26@a 14     kubiak26@b 15
        kubiak27@a 16     kubiak27@b 17     kubiak28@a 18
        kubiak28@b 19     kubiak29@a 20     kubiak29@b 21
        kubiak30@a 22     kubiak30@b 23     kubiak31 24
        kubiak32count 25-26 kubiak33count 36-37 kubiak37@a 50
        kubiak37@b 51-53  kubiak38 54       kubiak39 55
        kubiak40@a 56     kubiak40@b 57     kubiak40@c 58
        kubiak41@a 59     kubiak41@b 60     kubiak41@c 61
        kubiak42@a 62     kubiak42@b 63     kubiak42@c 64
        kubiak43@a 65     kubiak43@b 66     kubiak43@c 67
        kubiak44@a 68     kubiak44@b 69     kubiak44@c 70
        kubiak50x 71 (A)
        cotten01 80
/4      cotten02 1-2      cotten03a 3       cotten03b 4
        cotten04 5       cotten05 6       cotten06 7
        cotten07 8       cotten08 9       cotten09 10
        cotten10 11      cotten11a 12     cotten11b 13
        cotten11c 14     cotten11d 15     cotten11e 16
        cotten11f 17     cotten11g 18     cotten12a 19
        cotten12b 20     cotten12c 21     cotten12d 22
        cotten12e 23     cotten12f 24     cotten12g 25
        cotten13 26     moore01 27       moore02 28
        moore03 29       moore04 30       moore05 31
        moore06 32       moore07a 33      moore07b 34
        moore08 35       moore09 36       moore10 37
        moore11 38       moore12 39       moore13 40
        moore14 41       moore15 42       moore16 43
        moore17 44       moore18 45       moore19 46
        moore20 47       moore21 48       moore22 49
        moore23 50       moore24 51       moore25 52
        houser01 53      houser02 54      houser03a 55
        houser03b 56     houser03c 57     houser04a 58
        houser04b 59     houser04c 60     houser05a 61
        houser05b 62     houser05c 63     houser05d 64
        houser05e 65     houser05f 66     houser05g 67
        houser06 68-70
/5      vote2a2 1        vote2a2h 2
/6      RI 1            RIa 2
/7      contacts 1-2    length 3-6       idate 7-14
        iwer 15-17     males 18-19     females 20-21
        final 22-23
        races 43        AGECAT 44        ADJWT210 46-52
        MSUEREGN 54     MSUEWT210 56-62
        STATEWT210 64-70 rac3 71        AGE 72-73        imprace 74        newinc 75-76
        source 77      educat4 78 .
execute .

```

```

DELETE VARIABLES rname email income.
DELETE VARIABLES adjwt10 msuewt10 statewt10.
DELETE VARIABLES adjwt210 msuewt210 statewt210.

```

```
* ACTION: Save dataset as soss#wt.sav .
```

```

SAVE TRANSLATE OUTFILE=''
/TYPE=STATA
/VERSION=8
/EDITION=SE
/MAP
/REPLACE.

```

```
SAVE TRANSLATE OUTFILE=''
```



```
/TYPE=XLS  
/VERSION=12  
/MAP  
/REPLACE  
/FIELDNAMES  
/CELLS=VALUES.
```

- * ACTION: Save sps (this file) files as new version.
- * ACTION: Open soss##.xlsx, replace "#NULL!" with nothing, change number type to "General" for all cells, save file (as xlsx, not xls!), close file.
- * ACTION: Close all files.

14. Codebook

The codebook is provided in a separate document, and reports frequencies based on the weighted data with the weight variable STATEWT2 being applied.