Methodological Report:

Michigan State University

State of the State Survey 67

(Winter 2014 Round)

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NOTE TO THE READER

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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Contents

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. Roughly one-fourth of the questions are repeated in each quarterly round.

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 minutes, so that on average each interviews takes about 20 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 67 included sets of questions on seven topics:

1. Approval of congress
2. Child health
3. The Safe Delivery of Newborns law
4. Charitable giving and volunteering
5. Estate planning
6. College access
7. Diversity

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 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).

The Working Group for the Winter 2014 survey included:

> **Barbara Smith**, Associate Dean for Research, Michigan State University College of Nursing
>
> **Brandy Johnson**, Executive Director, Michigan College Access Network
>
> **Douglas Roberts**, Director, Michigan State University Institute for Public Policy & Social Research
>
> **Kelley Kuhn**, Vice President & Chief Strategy Officer, Michigan Nonprofit Association
>
> **Lynda Meade**, Director of Clinical Services, Michigan Primary Care Association
>
> **Paulette Granberry Russell**, Sr. Advisor to the President for Diversity and Director, Michigan State University Office for Inclusion and Intercultural Initiatives
>
> **The Planned Giving Roundtable of Southeast Michigan**

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 30-40% 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 67 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 65.

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 then request that SSI 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 67, 9,845 phone numbers were used, 555 in the re-contact segment, 3,540 in the new RDD segment, and 5,750 in the new cell phone segment. The working phone number rate was 88.3% in the re-contact segment, 59.5% in the new RDD segment, and 57.0% 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 2008-2012 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 2012, 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 2008-2012 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 2008-2012 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 2008-2012 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. All distributions were found to be within 1% of the actual values. The final weighting factor is STATEWT.

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 STATEWT. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the data weighted by ADJWT. **To compare directly the original MSUE regions**, the data should be weighted by MSUEWT.

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	42	± 15.3%	± 16.8%
2. Northern Lower Peninsula	72	± 11.6%	± 12.5%
3. West Central	185	± 7.2%	± 8.5%
4. East Central	98	± 10.0%	± 11.9%
5. Southwest	163	± 7.7%	± 9.2%
6. Southeast	389	± 5.0%	± 7.0%
7. Detroit	59	± 12.9%	± 17.0%
Statewide Total	**1,008**	**± 3.1%**	**± 4.0%**

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 ± 4.0%.

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 84 different interviewers were involved in data collection on the 67th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on December 19, 2013, and continued through February 10, 2014. Randomly selected 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 to contact the household 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 a total of 12 attempts were made or the interview was completed, the interview was refused, or the case was determined to be ineligible or incapable.

The average interview lasted approximately 22.93 minutes (standard deviation= 5.354) with a median of 22.0 minutes. In the case of an initial refusal, numbers were called back after eight 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 1,008 interviews were completed, 164 with landline participants re-contacted from the SOSS 65 survey, 129 with cell participants re-contacted from the SOSS 65 survey, 380 with new landline RDD participants, and 335 with new cell phone RDD participants. The overall completion rate among eligible respondents was 38.3% (36.4% in the new landline RDD segment, 27.8% in the new cell phone RDD segment, and 76.5% 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 67 was 25.7%, the refusal rate (REF2) was 10.7%, the cooperation rate was 70.7%, and the contact rate was 60.2%.

Of those completing the interview, the mean number of calls required was 3.77 (3.53 among the re-contact cases, 3.79 among the new landline RDD cases, and 3.95 among the new cell phone RDD cases). Interviewers made a total of 67,905 calls to complete the 1,008 interviews.

The refusal rate was 11.7%.

8. Documentation Available

The following documentation is available for this survey:

    a. Methodological Report
    b. Questionnaire (included in Methodological Report)
    c. SPSS (windows) commands to read the ASCII data set
    d. SPSS commands for weighting cases in the sample
    e. Codebook (with weighted item frequencies)

9. Data Format and Archiving

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

10. Questionnaire

>CONSENT< [loc 0/700][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.

  [red]IWER: IF THE RESPONDENT WANTS CONTACT INFORMATION FOR THE PROJECT MANAGER, THE PRINCIPAL
  INVESTIGATOR, OR THE IRB, THAT INFORMATION IS AVAILABLE IN THE Q BY Q 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]

>Twinter1< [allow 4]
>Twinter1start< [allow 4]
>Twinter1stop< [allow 4]

>Twinter2< [allow 4]
>Twinter2start< [allow 4]
>Twinter2stop< [allow 4]

>Troberts< [allow 4]
>Trobertsstart< [allow 4]
>Trobertsstop< [allow 4]

>Tmna< [allow 4]
>Tmnastart< [allow 4]
>Tmnastop< [allow 4]

>Tangel< [allow 4]
>Tangelstart< [allow 4]
>Tangelstop< [allow 4]

>Tsd< [allow 4]
>Tsdstart< [allow 4]
>Tsdstop< [allow 4]

>Tmcan< [allow 4]
>Tmcanstart< [allow 4]
>Tmcanstop< [allow 4]

>Tnursing< [allow 4]
>Tnursingstart< [allow 4]
>Tnursingstop< [allow 4]

```
>Tinclusion< [allow 4]
>Tinclusionstart< [allow 4]
>Tinclusionstop<  [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


>randomrob23< [allow 1][inputloc 1/121]
>randomrob2< [allow 1][inputloc 1/122]
>randomrob3< [allow 1][inputloc 1/123]
>randommcan1< [allow 1][inputloc 1/124]
>randomnurse2< [allow 1][inputloc 1/125]
>randomnurse3< [allow 1][inputloc 1/126]
>randomnurse4< [allow 1][inputloc 1/127]
>randomnurse5< [allow 1][inputloc 1/128]
>randomnurse6< [allow 1][inputloc 1/129]
>city2< [allow 20][inputloc 1/92]


>listed<  [allow 1][inputloc 1/120] 1=listed 2=unlisted


>CC1< [settime Tcore1start]

  I'd like to start by asking 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 [bold]better off[n] or
  [bold]worse off[n] 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 [bold]a year from now[n], you and your family
  living with you will be [bold]better off[n] financially or [bold]worse off[n] 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 [bold]overall financial[n] situation these days?

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

14

```
              <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 [bold]next twelve months[n], 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 CLARIFCATION/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>]

                  @
```

>A1< [settime Tcore1stop][settime Twinter1start]

  What would you say is the [bold]most important problem[n] facing your community today?

    [red]IWER: DO NOT READ THE RESPONSES; CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENTS
    ANSWER - IF A RESPONSE DOES NOT FIT, USE THE OTHER SPECIFY TO ENTER THE TEXT[n]

```
              <20> JOBS/CREATING JOBS/UNEMPLOYMENT
```

```
        <21> ECONOMY/DEVELOPMENT/LOSS BUSINESSES
        <26> FORECLOSURES/HOUSING CRISIS/PROPERTY VALUES
        <35> TAXES: STATE/FEDERAL

        <1> SCHOOL FINANCE/EDUCATION FUNDING
        <2> EDUCATION QUALITY/IMPROVE EDUCATION

        <44> CRIME: GENERAL

        <10> HEALTH CARE/MEDICAL CARE

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

        <95> [commandbutton <NO PROBLEMS>]
        <98> [commandbutton <DO NOT KNOW>]
        <99> [commandbutton <REFUSED THIS QUESTION>]

        @
```

>PO1< [settime Twinter1stop][settime Tcore2start]

  The next couple of questions are about our elected officials.

  Overall, how would you rate the way [bold]Barack Obama[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>]

        @
```

>D10< [settime Tcore2stop][settime Twinter2start]

  People have different ideas about how much they can trust government to do what is
  right. These ideas don't refer to Democrats or Republicans in particular, but just
  to the government in general. We want to see how you feel about this for each of
  the levels of government.

  How much of the time do you think you can trust the [bold]federal[n] government in
  [bold]Washington[n] to do what is right -- nearly always or most of the time,
  some of the time, seldom, or almost never?

```
        <1> NEARLY ALWAYS OR MOST OF THE TIME
```

```
        <2> SOME OF THE TIME
        <3> SELDOM
        <4> ALMOST NEVER

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

        @
```

>D11<

  How much of the time do you think you can trust the [bold]state[n] government in
  [bold]Lansing[n] to do what is right -- nearly always or most of the time,
  some of the time, seldom, or almost never?

```
        <1> NEARLY ALWAYS OR MOST OF THE TIME
        <2> SOME OF THE TIME
        <3> SELDOM
        <4> ALMOST NEVER

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

        @
```

>D12<

  How much of the time do you think you can trust your [bold]local government[n]
  to do what is right -- nearly always or most of the time, some of the time, seldom,
  or almost never?

```
        <1> NEARLY ALWAYS OR MOST OF THE TIME
        <2> SOME OF THE TIME
        <3> SELDOM
        <4> ALMOST NEVER

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

        @
```

>P4a<

  There are many issues that the [bold]governor and legislature[n] (in Lansing) could
  spend time dealing with this session. Of all the issues they could work on, which
  issue do you think is the [bold]most important[n] for them to focus on?

    [red]IWER: DO NOT READ THE RESPONSES; CHOOSE THE RESPONSE THAT BEST FITS THE RESPONDENTS
    ANSWER - IF A RESPONSE DOES NOT FIT, USE THE OTHER SPECIFY TO ENTER THE TEXT[n]

```
        <1> ECONOMY/ECONOMIC GROWTH/STIMULATING THE ECONOMY
        <2> JOBS/CREATING JOBS/UNEMPLOYMENT

        <3> HEALTH CARE/COST OF HEALTH CARE/HEALTH INSURANCE

        <5> EDUCATION/SCHOOL FUNDING
        <27> EDUCATION QUALITY/STANDARDS

        <8> TAXES
        <25> STATE BUDGET CRISIS/SOLVE BUDGET ISSUES

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

        <95> [commandbutton <NOTHING/EVERYTHING IS FINE>]
        <98> [commandbutton <DO NOT KNOW>]
        <99> [commandbutton <REFUSED THIS QUESTION>]
```

```
        @

>roberts1< [settime Twinter2stop][settime Trobertsstart]

  How would you rate the way the [bold]United States Congress[n] is performing its job?

  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>]

        @

>roberts23x< [if randomrob23 eq <2> goto roberts3x]

>roberts2x< [if randomrob2 eq <2> goto roberts2b]

>roberts2a<

  How would you rate the way the [bold]U.S. House of Representatives[n] is performing its job?

  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>]

        @

>roberts2y< [if randomrob2 eq <2> goto roberts3x]

>roberts2b<

  How would you rate the way the [bold]U.S. Senate[n] is performing its job?

  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>]

        @

>roberts2z< [if randomrob2 eq <2> goto roberts2a]

>roberts3x< [if randomrob23 eq <1> goto roberts4][if randomrob3 eq <2> goto roberts3b]

>roberts3a<

  How would you rate the way the [bold]Republican-led U.S. House of Representatives[n] is
performing its job?

  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>]

        @

>roberts3y< [if randomrob3 eq <2> goto roberts4]

>roberts3b<

  How would you rate the way the [bold]Democratic-led U.S. Senate[n] is performing its job?

  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>]

        @

>roberts3z< [if randomrob3 eq <2> goto roberts3a]

>roberts4<

  How would you rate the way the [bold]Michigan Legislature[n] is performing its job?

  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 Trobertsstop][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 <10-96>

        <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, 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 DONE[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
```

20

```
     [@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)?

```
        <0> NONE; NO RELIGIOUS GROUP (include: Athiest, 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 2013?

```
<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](M-R)[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> LENAWEE               <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 ta1]

      <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>

>ta1< [settime Tcore3stop][settime Tmnastart][optionbuttons on hide textbox hide codes]

  Next, I would like to ask you some questions about charitable giving.
```

I would like to read you some statements about charitable organizations and have you
tell me to what extent you agree or disagree with each.

The need for charitable organizations is greater now than five years ago.

Would you say you strongly agree, somewhat agree, somewhat disagree, or
strongly disagree?

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> SOMEWHAT DISAGREE
        <4> STRONGLY DISAGREE

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

         @

>ta2<

  Charitable organizations are more effective now in providing services than they were
  five years ago.

  (Would you say you strongly agree, somewhat agree, somewhat disagree, or strongly
  disagree?)

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> SOMEWHAT DISAGREE
        <4> STRONGLY DISAGREE

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

         @

>ta4<

  Most charitable organizations are honest and ethical in their use of donated funds.

  (Would you say you strongly agree, somewhat agree, somewhat disagree, or strongly
  disagree?)

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> SOMEWHAT DISAGREE
        <4> STRONGLY DISAGREE

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

         @

>ta5<

  Generally, charitable organizations play a major role in making our communities better
  places to live.

  (Would you say you strongly agree, somewhat agree, somewhat disagree, or strongly
  disagree?)

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> SOMEWHAT DISAGREE
        <4> STRONGLY DISAGREE

        <8>[commandbutton <DO NOT KNOW>]

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

           @

>ta6<

  Charitable organizations provide many social, health, and educational services to the
  public that were once provided by the government. Under Michigan law, charitable
  organizations are exempt from paying certain taxes because their services benefit the
  public.

  In your opinion, should charitable organizations continue to be exempt from paying
  certain taxes?

        <1> YES, CONTINUE TO BE EXEMPT
        <5> NO, SHOULD PAY TAXES

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

           @

>v1<

  Now, thinking about your own charitable giving...

  Did you or any member of your household contribute money, property, or both to a
  charity or nonprofit organization in 2013?

        <1> YES
        <5> NO

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

            @


>v10<

  Through 2011, the State of Michigan offered charitable tax credits for gifts to
  certain types of charitable organizations, including community foundations, schools,
  libraries, and food banks.

  Did you reduce your charitable giving in 2013 as a result of the charitable tax credit
  no longer being available?

        <1> YES
        <5> NO

        <7> DO NOT GIVE TO CHARITY (R VOLUNTEERED)

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

           @

>v4<

  Do you think that your household will contribute more, less, or about the same in
  2014 as you did in 2013?

        <1> MORE
        <3> LESS
        <5> ABOUT THE SAME

         <8>[commandbutton <DO NOT KNOW>]
```

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

          @

>v5<

  Next I have some questions about volunteer activities.

  In 2013, did you volunteer for any types of organization such as
  your church, your child's school, or another non-profit organization?

        <1> YES
        <5> NO

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

          @

>newv5<

  In 2013, did you do any informal volunteer work such as helping friends, family,
  or neighbors?

        <1> YES
        <5> NO

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

           @

>v8<

  Do you think that you will volunteer more, less, or about the same in 2014 as you did
  in 2013?

        <1> MORE
        <3> LESS
        <5> ABOUT THE SAME

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

          @

>volopp<[if v5 ge <5> and newv5 ge <5> goto v9]

  Where do you [bold]mainly[n] find out about volunteer opportunities available in your
  community?

    [red][bold]INVW: CODE RESPONSE INTO CATEGORIES IF POSSIBLE OTHERWISE ENTER VERBATIM
    RESPONSE USING SPECIFY BUTTON[n]

        <1> FAMILY, FRIENDS - PEOPLE INVOLVED IN ACTIVITY
        <2> CHILDREN INVOLVED IN ACTIVITY
        <3> CHURCH/THROUGH RELIGIOUS ORGANIZATION
        <4> SCHOOL
        <5> PREVIOUS INVOLVEMENT/KNOWLEDGE ORGANIZATION/PROGRAM
        <6> WORK/JOB
        <7> TV, RADIO, NEWSPAPER, PAMPLETS, DIRECT MAILING
        <8> INTERNET, SOCIAL NETWORKING SITES
        <9> COMMUNITY BASED ORGANIZATION
        <10> VOLUNTEER CENTERS
        <11> SERVICE CLUBS/ORGANIZATIONS
```

```
        <0> [specify][commandbutton <SPECIFY>]
        <98>[commandbutton <DO NOT KNOW>]
        <99>[commandbutton <REFUSED THIS QUESTION>]

           @

>v9< [if v5 ge <5> and newv5 ge <5> and v1 ge <5> goto av1]

   Do you give more money to charitable organizations where you also volunteer than to
   those where you are not involved as a volunteer?

        <1> YES
        <5> NO

        <7> DO NOT GIVE TO CHARITY/VOLUNTEER (R VOLUNTEERED)

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

        @

>av1<

   Please tell me how much each has influenced your decision
   to volunteer or give to charity.

   Your family?

   Would you say they have influenced your decision to volunteer or
   to give to charity a great deal, some, a little, or none at all?

        <1> A GREAT DEAL
        <2> SOME
        <3> A LITTLE
        <4> NONE AT ALL

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

        @

>av2<

   Your friends?

   Would you say they have influenced your decision to volunteer or
   to give to charity a great deal, some, a little, or none at all?

        <1> A GREAT DEAL
        <2> SOME
        <3> A LITTLE
        <4> NONE AT ALL

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

        @

>av3<

   Your school or the school that your children or neighborhood children attend?

   (Would you say they have influenced your decision to volunteer or
   to give to charity a great deal, some, a little, or none at all?)

        <1> A GREAT DEAL
        <2> SOME
```

```
        <3> A LITTLE
        <4> NONE AT ALL

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

        @

>av4<

  Your co-workers or supervisor?

  (Would you say they have influenced your decision to volunteer or
  to give to charity a great deal, some, a little, or none at all?)

        <1> A GREAT DEAL
        <2> SOME
        <3> A LITTLE
        <4> NONE AT ALL

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

        @

>av5<

  Your church, synagogue, or other religious organization?

  (Would you say they have influenced your decision to volunteer or
  to give to charity a great deal, some, a little, or none at all?)

        <1> A GREAT DEAL
        <2> SOME
        <3> A LITTLE
        <4> NONE AT ALL

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

        @

>angel1< [settime Tmnastop][settime Tangelstart]

  The next questions are about estate planning.

  Do you currently have a will or written estate plan?

        <1> YES
        <2> NO

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

        @

>angel2a< [if angel1 ge <2> goto angel3a]

  Does your will or estate plan include any provisions for making any kind of
  monetary contribution to a charity?

        <1> YES
        <2> NO

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

```
          @

>angel2b< [if angel2a ge <2> goto sd1]

  Would the contribution be made in cash or in another form such as a gift
  annuity or charitable trust?

        <1> CASH
        <2> OTHER

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

          @

>angel2c<

  How many charities are named?

        <1-100> CHARITIES

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

          @

>angel2d<

  Are any of the contributions to the endowment fund of the charity?

        <1> YES
        <2> NO

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

          @

>angel3a< [if angel1 eq <1> goto sd1]

  Do you plan to establish a will or written estate plan within the next year?

        <1> YES
        <2> NO

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

          @

>angel3b< [if angel3a ge <2> goto sd1]

  Do you plan to include any charities in your will or estate plan?

        <1> YES
        <2> NO

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

          @

>sd1< [settime Tangelstop][settime Tsdstart]

  The next couple of questions focus on a public policy issue in Michigan.

  Are you familiar with the [bold]Safe Delivery of Newborns law?[n]
```

34

```
        <1> YES
        <5> NO[goto sd3]

        <8>[commandbutton <DO NOT KNOW>][goto sd3]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto sd3]

        @

>sd2<

  Where did you learn about the Safe Delivery of Newborns law?

        <1>  NEWSPAPERS, PRINT MEDIA
        <2>  TELEVISION, RADIO, ELECTRONIC MEDIA
        <3>  HOSPITAL/CLINIC/DOCTOR'S OFFICE
        <4>  INTERNET
        <5>  WORD OF MOUTH/FAMILY/FRIENDS
        <6>  PLACE OF WORK
        <7>  CHURCH
        <8>  SCHOOL
        <0>[specify][commandbutton <SPECIFY:OTHER>]

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

        @

>sd3<

 [if sd1 ge <5>]
 The Safe Delivery of Newborns law was enacted January 1, 2001, in response to an
 increase in the number of newborn infants abandoned in unsafe places.

 The law targets troubled parents and encourages the placement of a newborn no more
 than 72 hours old with an emergency service provider. An emergency service provider
 is defined as a uniformed or otherwise identified employee of a fire department,
 police station or hospital that is inside and on duty. It also can include a paramedic
 or EMT who responds to a 9-1-1 call.

 The law allows that the surrender be anonymous, but encourages the parent to share
 relevant background information which will be kept confidential.  The surrendered
 infant will be placed with an approved adoptive family.
 [endif]

 In your opinion, how important is it to ensure that there is public awareness of
 this law? Would you say 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>]

        @

>mcan0< [settime Tsdstop][settime Tmcanstart]

  Do you have any children under the age of 19?

        <1> YES
        <2> NO

        <8>[commandbutton <DO NOT KNOW>]
```

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

        @

>mcan1<

  Next, I would like to ask about college education in Michigan.  For the
  purposes of these questions, a college education refers to earning a degree
  or certificate from an accredited educational institution [u]beyond[n] high
  school, such as a technical school, community college, or university.

  For a young person in Michigan to be successful in the labor market and in
  their career, how important is it to have a college education?

  Would you say it is very important, somewhat important, somewhat unimportant,
  or very unimportant?

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEITHER IMPORTANT NOR UNIMPORTANT (R VOLUNTEERS)
        <4> SOMEWHAT UNIMPORTANT
        <5> VERY UNIMPORTANT

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

        @

>mcan2<

  Now I would like to ask whether you agree or disagree with the following
  statement: "At today's levels of tuition and financial aid, a college
  education is reasonably affordable for people in Michigan."

  Would you say that you strongly agree, somewhat agree, somewhat disagree,
  or strongly disagree with this statement?

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> NEITHER AGREE NOR DISAGREE (R VOLUNTEERS)
        <4> SOMEWHAT DISAGREE
        <5> STRONGLY DISAGREE

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

        @

>jump2<

        [if mcan0 ge <2> goto nursing1]

>rot00< [if randommcan1 eq <1> goto mcan3a]
        [if randommcan1 eq <2> goto mcan3b]

>mcan3a<

  Thinking about only your children under the age of 19.

  How old is your oldest child (or your only child) (under the age of 19)?

        [green]INVW: IF R HAS ONLY 1 CHILD PLEASE INDICATE THAT THIS IS FINE
        AND RECORD THE AGE OF THE CHILD[n]

        [green]INVW: IF R RESPONDS WITH '19' OR OLDER PLEASE REREAD THE QUESTION
        STATING 'UNDER THE AGE OF 19'[n]
```

```
        ENTER '0' FOR LESS THAN 1 YEAR OLD

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

        @ YEARS OLD

        [@]<0-40>

>mcan4a<


  [green]INVW: IF R INDICATED THEY HAVE ONLY 1 CHILD IN PREVIOUS QUESTION
  PLEASE READ 'ONLY CHILD' INSTEAD OF 'OLDEST CHILD'[n]

  How likely is it that your oldest child (only child) will get a college education?

  Would you say it is very likely, somewhat likely, somewhat unlikely or very unlikely?

        <1> VERY LIKELY
        <2> SOMEWHAT LIKELY
        <3> NEITHER LIKELY NOR UNLIKELY (R VOLUNTEERS)
        <4> SOMEWHAT UNLIKELY
        <5> VERY UNLIKELY

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

        @

>jump1<[goto nursing1]

>mcan3b<

  How old is your youngest child (or your only child)?

        [green]INVW: IF R HAS ONLY 1 CHILD PLEASE INDICATE THAT THIS IS FINE
        AND RECORD THE AGE OF THE CHILD[n]

        ENTER '0' FOR LESS THAN 1 YEAR OLD

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

        @ YEARS OLD

        [@]<0-18>

>mcan4b<

  [green]INVW: IF R INDICATED THEY HAVE ONLY 1 CHILD IN PREVIOUS QUESTION
  PLEASE READ 'ONLY CHILD' INSTEAD OF 'YOUNGEST CHILD'[n]

  How likely is it that your youngest child (your only child) will get a
  college education?

  Would you say it is very likely, somewhat likely, somewhat unlikely or
  very unlikely?

        <1> VERY LIKELY
        <2> SOMEWHAT LIKELY
        <3> NEITHER LIKELY NOR UNLIKELY (R VOLUNTEERS)
        <4> SOMEWHAT UNLIKELY
        <5> VERY UNLIKELY

         <8>[commandbutton <DO NOT KNOW>]
```

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

        @

>nursing1< [settime Tmcanstop][settime Tnursingstart][if CD11 eq <0> goto inclusion1]

   How many children that are 1 to 5 years old live in your household?

        <0-20>

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

        @

>nursing1b< [if nursing1 eq <0> goto inclusion1][if nursing1 ge <98> goto inclusion1][if nursing1
eq <1> goto nursing2][if nursing1 eq <0> goto inclusion1][if nursing1 ge <98> goto inclusion1][if
nursing1 eq <1> goto nursing2][if nursing1 ge <7> and nursing1 le <20> goto nursing1c]

   [if nursing1 eq <1>]
  For the following questions, please answer only about that child.
   [endif]

   [if nursing1 eq <2> and randomnurse2 eq <1>]
  For the following questions, please answer only about the [bold]younger[n] of the two.
   [endif]
   [if nursing1 eq <2> and randomnurse2 eq <2>]
  For the following questions, please answer only about the [bold]older[n] of the two.
   [endif]

   [if nursing1 eq <3> and randomnurse3 eq <1>]
  For the following questions, please answer only about the [bold]youngest[n] of the three.
   [endif]
   [if nursing1 eq <3> and randomnurse3 eq <2>]
  For the following questions, please answer only about the [bold]second oldest[n] of the three.
   [endif]
   [if nursing1 eq <3> and randomnurse3 eq <3>]
  For the following questions, please answer only about the [bold]oldest[n] of the three.
   [endif]

   [if nursing1 eq <4> and randomnurse4 eq <1>]
  For the following questions, please answer only about the [bold]youngest[n] of the four.
   [endif]
   [if nursing1 eq <4> and randomnurse4 eq <2>]
  For the following questions, please answer only about the [bold]second youngest[n] of the four.
   [endif]
   [if nursing1 eq <4> and randomnurse4 eq <3>]
  For the following questions, please answer only about the [bold]second oldest[n] of the four.
   [endif]
   [if nursing1 eq <4> and randomnurse4 eq <4>]
  For the following questions, please answer only about the [bold]oldest[n] of the four.
   [endif]

   [if nursing1 eq <5> and randomnurse5 eq <1>]
  For the following questions, please answer only about the [bold]youngest[n] of the five.
   [endif]
   [if nursing1 eq <5> and randomnurse5 eq <2>]
  For the following questions, please answer only about the [bold]second youngest[n] of the five.
   [endif]
   [if nursing1 eq <5> and randomnurse5 eq <3>]
  For the following questions, please answer only about the [bold]third oldest[n] of the five.
   [endif]
   [if nursing1 eq <5> and randomnurse5 eq <4>]
  For the following questions, please answer only about the [bold]second oldest[n] of the five.
   [endif]
   [if nursing1 eq <5> and randomnurse5 eq <5>]
  For the following questions, please answer only about the [bold]oldest[n] of the five.
```

```
   [endif]

   [if nursing1 eq <6> and randomnurse6 eq <1>]
 For the following questions, please answer only about the [bold]youngest[n] of the six.
   [endif]
   [if nursing1 eq <6> and randomnurse6 eq <2>]
 For the following questions, please answer only about the [bold]second youngest[n] of the six.
   [endif]
   [if nursing1 eq <6> and randomnurse6 eq <3>]
 For the following questions, please answer only about the [bold]third youngest[n] of the six.
   [endif]
   [if nursing1 eq <6> and randomnurse6 eq <4>]
 For the following questions, please answer only about the [bold]third oldest[n] of the six.
   [endif]
   [if nursing1 eq <6> and randomnurse6 eq <5>]
 For the following questions, please answer only about the [bold]second oldest[n] of the six.
   [endif]
   [if nursing1 eq <6> and randomnurse6 eq <6>]
 For the following questions, please answer only about the [bold]oldest[n] of the six.
   [endif]

        <1> PROCEED
        <2> TWINS/TRIPLETS/ETC SELECTED

        <7> NO CHILDREN
        <9> REFUSED

        @

>nursing1c< [if nursing1b eq <1> goto nursing2] [if nursing1b ge <7> goto inclusion1]

   Please pick one of those children now, and answer only about that child.

        <1> [commandbutton <CONTINUE>]

        @

>nursing2<

   How old is the child that was selected?

        <1> 1 YEAR (12-23 MONTHS)
        <2> 2 YEARS (24-35 MONTHS)
        <3> 3 YEARS (36-47 MONTHS)
        <4> 4 YEARS (48-59 MONTHS)
        <5> 5 YEARS (60-71 MONTHS)

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

        @

>nursing2b<

   What is your relationship to the child?

        <1> FATHER
        <2> MOTHER
        <3> PARENT (GENDER UNKNOWN)
        <4> SIBLING/BROTHER/SISTER
        <5> GRANDPARENT/GREAT-GRANPARENT
        <6> COUSIN
        <7> AUNT/UNCLE
        <8> OTHER RELATIVE
        <9> NON-RELATIVE

        <98>[commandbutton <DO NOT KNOW>]
```

```
        <99>[commandbutton <REFUSED THIS QUESTION>]

        @

>nursing3<

  I am now going to ask you a few questions about what the child eats.

  In a typical week when the child is in school, how often does the child eat
  any kind of fruit? Never, 1 to 3 times a week, 4 to 6 times a week, or every day.

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY

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

        @

>nursing4<

  Using the same answer choices, in a typical week, how often does the child
  eat any kind of vegetable?

  (Never, 1 to 3 times a week, 4 to 6 times a week, or every day.)

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY

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

        @

>nursing5<

  I am now going to ask you a few questions about what you eat.

  In a typical week when the child is in school, how often do you eat any kind of
  fruit? Never, 1 to 3 times a week, 4 to 6 times a week, or every day.

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY

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

        @

>nursing6<

  Using the same answer choices, in a typical week, how often do you eat any
  kind of vegetable?

  (Never, 1 to 3 times a week, 4 to 6 times a week, or every day.)

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY
```

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

        @

>nursing7<

  Now I am going to ask you a few questions about what the child drinks. In a
  typical week, how often does the child drink sports drinks, punch, or other
  fruit-flavored drinks like HI-C, lemonade, Kool-aid, or Sunny Delight? Do not
  include 100 percent pure fruit juices.

  (Never, 1 to 3 times a week, 4 to 6 times a week, or every day.)

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY

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

        @

>nursing8<

  In a typical week, how often does the child drink 100% pure fruit juice such
  as orange, apple, or grape juice?

  (Never, 1 to 3 times a week, 4 to 6 times a week, or every day.)

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY

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

        @

>nursing9<

  In a typical week, how often does the child drink non-diet soda?

  (Never, 1 to 3 times a week, 4 to 6 times a week, or every day.)

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
        <4> EVERY DAY

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

        @

>nursing10<

  In a typical week, how often is there a television on and visible to the
  child when he or she eats?

  (Never, 1 to 3 times a week, 4 to 6 times a week, or every day.)

        <1> NEVER
        <2> 1-3 TIMES/WEEK
        <3> 4-6 TIMES/WEEK
```

```
        <4> EVERY DAY

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

           @

>nursing101<

  How would you rate the child's overall eating habits? Poor, not so good,
  fair, good, or excellent?

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

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

           @

>nursing11<

  In a typical week when the child is in school, how many days a week is the
  child physically active for at least an hour?

        <0-7>

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

           @

>nursing12<

  In a typical week, how many hours per day does the child sit and watch TV or videos?
  Less than an hour, one hour, two hours, three hours, four hours, or five or
  more hours?

        <0> LESS THAN 1 HOUR
        <1> 1 HOUR
        <2> 2 HOURS
        <3> 3 HOURS
        <4> 4 HOURS
        <5> 5 OR MORE HOURS

        <7> CHILD DOES NOT WATCH TV OR VIDEOS

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

           @

>nursing13<

  In a typical week, how many hours per day does the child use a computer or play
  video games? Less than an hour, one hour, two hours, three hours, four
  hours, or five or more hours?

        <0> LESS THAN 1 HOUR
        <1> 1 HOUR
        <2> 2 HOURS
        <3> 3 HOURS
        <4> 4 HOURS
        <5> 5 OR MORE HOURS
```

```
        <7> CHILD DOES NOT PLAY VIDEO GAMES

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

        @

>nursing14<

  Did the child do any physical activities during the past 7 days?

        <1> YES
        <2> NO

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

        @

>nursing15a< [if nursing14 ne <1> goto nursing16]

  I will now list several physical activities. For each one, please say "yes"
  if the child engaged in that activity in the last seven days, and "no" if not.

  Bike riding

        <1> YES
        <2> NO

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

        @

>nursing15b<

  Dancing

  (Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15c<

  Sledding

  (Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15d<

  Gymnastics or Tumbling
```

(Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15e<

  Hiking

  (Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15f<

  Jumping rope

  (Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15g<

  Backyard or playground games and activities

  (Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15h<

  Roller skating

  (Has the child engaged in this activity in the last seven days?)

        <1> YES
        <2> NO

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

        @

>nursing15i<

44

```
   Ice skating

   (Has the child engaged in this activity in the last seven days?)

         <1> YES
         <2> NO

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

          @

>nursing15j<

   Running

   (Has the child engaged in this activity in the last seven days?)

         <1> YES
         <2> NO

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

          @

>nursing15k<

   Soccer

   (Has the child engaged in this activity in the last seven days?)

         <1> YES
         <2> NO

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

          @

>nursing15l<

   Swimming

   (Has the child engaged in this activity in the last seven days?)

         <1> YES
         <2> NO

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

          @

>nursing15m<

   Trampoline

   (Has the child engaged in this activity in the last seven days?)

         <1> YES
         <2> NO

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

```
        @

>nursing16<

  In a typical week, how many days per week does the child play active video
  games, such as Wii Sports or Xbox Kinect?

        <0-7> DAYS

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

        @

>nursing17<

  In a typical week, for how long does the child play these active video games
  per day? Less than an hour, one hour, two hours, three hours, four hours, or
  five or more hours?

        <0> LESS THAN 1 HOUR
        <1> 1 HOUR
        <2> 2 HOURS
        <3> 3 HOURS
        <4> 4 HOURS
        <5> 5 OR MORE HOURS

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

        @

>nursing18<

  Is the child in daycare or school this year?

        <1> YES/DAYCARE/SCHOOL
        <2> NO

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

        @

>nursing19< [if nursing18 eq <2> goto inclusion1]

  How many days per week does the child normally have recess?

        <0-7> DAYS

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

        @

>nursing20< [if nursing19 eq <0> goto inclusion1]

  On average, how long is the recess period? Less than 15 minutes, 16-30
  minutes, or more than 30 minutes?

        <1> LESS THAN 15 MINUTES
        <2> 16-30 MINUTES
        <3> MORE THAN 30 MINUTES

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

```
        @

>inclusion1< [settime Tnursingstop][settime Tinclusionstart]

  The next questions are about diversity.

  What is your best estimate of the percentage of the population in Michigan
  that is African American?

        <0-100> PERCENT

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

        @

>inclusion2<

  What is your best estimate of the percentage of the population in Michigan
  that is Muslim?

        <0-100> PERCENT

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

        @

>inclusion3<

  What is your best estimate of the percentage of the population in Michigan
  that is gay or lesbian?

        <0-100> PERCENT

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

        @

>inclusion4<

  Since about 1980, do you think the income gap between high-income people and
  low-income people in Michigan has increased, decreased , or stayed about the same?

        <1> INCREASED
        <2> DECREASED
        <3> STAYED ABOUT THE SAME

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

        @

>inclusion5<

  In your opinion, if a person from a poor background is willing to work hard,
  what chance do you think they have of getting out of poverty? Excellent, good,
  fair, not so good, or poor.

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

        <8>[commandbutton <DO NOT KNOW>]
```

47

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

        @

>inclusion6<

  In the United States, the average black man earns less in the labor market than the
  average white man. Some of this gap may be due to differences in job skills, and some
  of it may be due to discrimination by employers. Would you say that this gap is mostly
  due to differences in job skills, somewhat more due to job skills than discrimination,
  somewhat more due to discrimination than job skills, or mostly due to discrimination?

        <1> MOSTLY DUE TO DIFFERENCES IN JOB SKILLS
        <2> SOMEWHAT MORE DUE TO DIFFERENCES IN JOB SKILLS THAN TO DISCRIMINATION
        <3> SOMEWHAT MORE DUE TO DISCRIMINATION THAN TO DIFFERENCES IN JOB SKILLS
        <4> MOSTLY DUE TO DISCRIMINATION

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

        @

>inclusion7<

  In the United States, the average woman earns less in the labor market than the
  average man. Some of this gap may be due to differences in job skills, and some of it
  may be due to discrimination by employers. Would you say that this gap is mostly due to
  differences in job skills, somewhat more due to job skills than discrimination,
  somewhat more due to discrimination than job skills, or mostly due to discrimination?

        <1> MOSTLY DUE TO DIFFERENCES IN JOB SKILLS
        <2> SOMEWHAT MORE DUE TO DIFFERENCES IN JOB SKILLS THAN TO DISCRIMINATION
        <3> SOMEWHAT MORE DUE TO DISCRIMINATION THAN TO DIFFERENCES IN JOB SKILLS
        <4> MOSTLY DUE TO DISCRIMINATION

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

        @

>inclusion8<
  Do you strongly favor, somewhat favor, somewhat oppose, or strongly oppose the right
  of gay and lesbian couples to be legally married?

        <1> STRONGLY FAVOR
        <2> SOMEWHAT FAVOR
        <3> NEUTRAL (R VOLUNTEERED)
        <4> SOMEWHAT OPPOSE
        <5> STRONGLY OPPOSE

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

        @

>inclusion9<
  Do you strongly favor, somewhat favor, somewhat oppose, or strongly oppose
  allowing gays and lesbians to adopt children?

        <1> STRONGLY FAVOR
        <2> SOMEWHAT FAVOR
        <3> NEUTRAL (R VOLUNTEERED)
        <4> SOMEWHAT OPPOSE
        <5> STRONGLY OPPOSE

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

@

>inclusion10<

  For each of the following statements, please tell me whether you strongly agree,
  somewhat agree, somewhat disagree, or strongly disagree.

  Employers should make special efforts to hire and promote qualified African Americans,
  in order to offset the effects of past discrimination.

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> NEUTRAL (R VOLUNTEERED)
        <4> SOMEWHAT DISAGREE
        <5> STRONGLY DISAGREE

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

        @

>inclusion11<

  Employers should make special efforts to hire and promote qualified women, in order to
  offset the effects of past discrimination.

  (Please tell me whether you strongly agree, somewhat agree, somewhat disagree,
  or strongly disagree.)

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> NEUTRAL (R VOLUNTEERED)
        <4> SOMEWHAT DISAGREE
        <5> STRONGLY DISAGREE

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

        @

>inclusion13<

  Immigrants take jobs away from people in Michigan who were born in the United States.

  (Please tell me whether you strongly agree, somewhat agree, somewhat disagree,
  or strongly disagree.)

        <1> STRONGLY AGREE
        <2> SOMEWHAT AGREE
        <3> NEUTRAL (R VOLUNTEERED)
        <4> SOMEWHAT DISAGREE
        <5> STRONGLY DISAGREE

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

        @

>inclusion14<

  People in Michigan should have to present photographic identification in order to vote.

  (Please tell me whether you strongly agree, somewhat agree, somewhat disagree,
  or strongly disagree.)

        <1> STRONGLY AGREE

```
        <2> SOMEWHAT AGREE
        <3> NEUTRAL (R VOLUNTEERED)
        <4> SOMEWHAT DISAGREE
        <5> STRONGLY DISAGREE

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

        @

>inclusion15<

  Suppose some Muslims wanted to build a large mosque in your community. Would this
  bother you a lot, bother you a little, not bother you, or be something you welcome?

        <1> BOTHER YOU A LOT
        <2> BOTHER YOU A LITTLE
        <3> NOT BOTHER YOU
        <4> BE SOMETHING YOU WELCOME

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

        @

>RI<  [loc 22/1][optionbuttons on hide textbox hide codes][settime Tinclusionstop][settime
Tcore4start]

  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 Tcore1start from Tcore1stop into Tcore1]
        [subtime Tcore2start from Tcore2stop into Tcore2]
        [subtime Tcore3start from Tcore3stop into Tcore3]
        [subtime Tcore4start from Tcore4stop into Tcore4]
        [subtime Twinter1start from Twinter1stop into Twinter1]
        [subtime Twinter2start from Twinter2stop into Twinter2]
        [subtime Trobertsstart from Trobertsstop into Troberts]
        [subtime Tmnastart from Tmnastop into Tmna]
        [subtime Tangelstart from Tangelstop into Tangel]
        [subtime Tsdstart from Tsdstop into Tsd]
        [subtime Tmcanstart from Tmcanstop into Tmcan]
        [subtime Tnursingstart from Tnursingstop into Tnursing]
        [subtime Tinclusionstart from Tinclusionstop into Tinclusion]


>contacts< [loc 23/1][allow 2][store TCNT in contacts]
>length<[allow 4][store TTIM in length]
>idate< [allow 8][store IDAT in idate]
>iwer< [allow 3][store INVW in iwer]
>males< [allow 2][store male in males]
>females< [allow 2][store female in females]

         [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<
```

51

12. SPSS Commands

```
TITLE "Michigan State of the State 67".
COMMENT  DDL indicates that dataset record length (reclen) is 80 columns.


DATA LIST fixed records=6
/1         CASEID 1-5 (A)              ID1 1-5 (A)                    R1  6
             cnty 7-11                    regn 12         randomrob23 13
       randomrob2 14             randomrob3 15           randommcan1 16
     randomnurse2 17           randomnurse3 18          randomnurse4 19
     randomnurse5 20           randomnurse6 21            city2 22-41 (A)
           listed 42                    CC1 43                    CC2 44
              CC3 45                    CC4 46                    CC5 47
              CC6 48                  A1 49-50                    PO1 51
              PO2 52                   D10 53                    D11 54
              D12 55                P4a 56-57               roberts1 58
        roberts2a 59             roberts2b 60              roberts3a 61
        roberts3b 62              roberts4 63
/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                  ta1 67                  ta2 68
              ta4 69                   ta5 70                   ta6 71
               v1 72                   v10 73                   v4 74
               v5 75                 newv5 76                   v8 77
           volopp 78-79                 v9 80
/3              av1 1                   av2 2                   av3 3
              av4 4                   av5 5                 angel1 6
           angel2a 7                angel2b 8              angel2c 9-11
          angel2d 12               angel3a 13               angel3b 14
              sd1 15                 sd2 16-17                 sd3 18
            mcan0 19                 mcan1 20                 mcan2 21
         mcan3a 22-23               mcan4a 24              mcan3b 25-26
           mcan4b 27             nursing1 28-29            nursing1b 30
        nursing1c 31            nursing2 32-33           nursing2b 34-35
         nursing3 36              nursing4 37              nursing5 38
         nursing6 39              nursing7 40              nursing8 41
         nursing9 42             nursing10 43            nursing101 44
        nursing11 45             nursing12 46             nursing13 47
        nursing14 48            nursing15a 49            nursing15b 50
       nursing15c 51            nursing15d 52            nursing15e 53
       nursing15f 54            nursing15g 55            nursing15h 56
       nursing15i 57            nursing15j 58            nursing15k 59
       nursing15l 60            nursing15m 61             nursing16 62
        nursing17 63             nursing18 64             nursing19 65
        nursing20 66           inclusion1 67-69        inclusion2 70-72
       inclusion3 73-75         inclusion4 76           inclusion5 77
       inclusion6 78            inclusion7 79           inclusion8 80
/4       inclusion9 1           inclusion10 2           inclusion11 3
       inclusion13 4            inclusion14 5           inclusion15 6
/5               RI 1                   RIa 2             email 3-42 (A)
        rname 43-62 (A)
/6         contacts 1                length 3-6                idate 7-14
              iwer 15-17             males 18-19             females 20-21


         .
```

53

```
VARIABLE LABELS
   CASEID    'case identification number' /
   ID1       'Case ID' /
   R1        'Data Record' /
   cnty      'County' /
   regn      'Region' /
   randomrob23 'Random 1' /
   randomrob2 'Random 2' /
   randomrob3 'Random 3' /
   randommcan1 'Random 4' /
   randomnurse2 'Random 5' /
   randomnurse3 'Random 6' /
   randomnurse4 'Random 7' /
   randomnurse5 'Random 8' /
   randomnurse6 'Random 9' /
   city2     'City' /
   listed    'Sample' /
   CC1       'Past Financial' /
   CC2       'Future Financial' /
   CC3       'Current Financial' /
   CC4       'Inflation Rate' /
   CC5       'Unemployment Situation' /
   CC6       'Business Conditions' /
   A1        'Most Important Problem Community' /
   PO1       'Obama Rating' /
   PO2       'Snyder Rating' /
   D10       'Trust Federal Govt' /
   D11       'Trust State Govt' /
   D12       'Trust Local Govt' /
   P4a       'Governor Legislator Priority' /
   roberts1  'Rate US Congress' /
   roberts2a 'Rate US House' /
   roberts2b 'Rate US Senate' /
   roberts3a 'Rate Republican~led US House' /
   roberts3b 'Rate Democratic~led US Senate' /
   roberts4  'Rate MI Legislatue' /
   CD1       'Sex' /
   CD2       'Year Birth' /
   CD3       'Education Level' /
   CD5a      '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       '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       'Marital Status' /
   married   'Married' /
   CD10      'Adults HH' /
   CD11      'Children HH' /
   CD15      'Employment' /
   UN1       'Union Member' /
   UN2       'Ever Union Member' /
   UN3       '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       'Phone Lines' /
X1         'Type Community' /
zipcode    'Zipcode' /
demo_county 'County' /
demo_Detroit 'Live in Detroit' /
cellular2 'City of Residence' /
demo_cell1 'Cell Phone' /
demo_cell4 'Calls to Cell Phone' /
ta1        'Charity ~ Greater Need' /
ta2        'Charity ~ Effective' /
ta4        'Charity ~ Honest' /
ta5        'Charity ~ Communities' /
ta6        'Charity ~ Exempt' /
v1         'Charity ~ Donate' /
v10        'Charity ~ Tax Credit' /
v4         'Charity ~ Next Year' /
v5         'Volunteer ~ Last Year' /
newv5      'Volunteer ~ Informal' /
v8         'Volunteer ~ Next Year' /
volopp     'Volunteer ~ Opportunities' /
v9         'Charity ~ Volunteer' /
av1        'Charity ~ Family Influence' /
av2        'Charity ~ Friend Influence' /
av3        'Charity ~ School Influence' /
av4        'Charity ~ Co~Worker Influence' /
av5        'Charity ~ Church Influence' /
angel1     'Estate ~ Will' /
angel2a    'Estate ~ Charity' /
angel2b    'Estate ~ Cash' /
angel2c    'Estate ~ Number of Charities' /
angel2d    'Estate ~ Endowment' /
angel3a    'Estate ~ Futur' /
angel3b    'Estate ~ Future Charity' /
sd1        'Safe Delivery ~ Familiar' /
sd2        'Safe Delivery ~ Learn' /
sd3        'Safe Delivery ~ Public Awareness' /
mcan0      'Children Under 19' /
mcan1      'College ~ Necessary' /
mcan2      'College ~ Affordable' /
mcan3a     'Oldest Child Age' /
mcan4a     'College ~ Oldest Child' /
mcan3b     'Youngest Child Age' /
mcan4b     'College ~ Youngest Child' /
nursing1   'Nursing ~ Children 1 to 5' /
nursing1b 'Nursing ~ Selection' /
nursing1c 'Nursing ~ Selection' /
nursing2  'Nursing ~ Age' /
nursing2b 'Nursing ~ Relationship' /
nursing3  'Nursing ~ Fruit' /
nursing4  'Nursing ~ Vegetable' /
nursing5  'Nursing ~ Self Fruit' /
nursing6  'Nursing ~ Self Vegetable' /
nursing7  'Nursing ~ Sugar Drink' /
nursing8  'Nursing ~ Fruit Juice' /
nursing9  'Nursing ~ Soda' /
nursing10 'Nursing ~ Eat with TV' /
```

```
    nursing101 'Nursing ~ Eating Habits' /
    nursing11 'Nursing ~ Physical Activity Days (Typical)' /
    nursing12 'Nursing ~ TV' /
    nursing13 'Nursing ~ Video Games' /
    nursing14 'Nursing ~ Physical Activities (Last 7 Days)' /
    nursing15a 'Nursing ~ Activity ~ Bike' /
    nursing15b 'Nursing ~ Activity ~ Dancing' /
    nursing15c 'Nursing ~ Activity ~ Sledding' /
    nursing15d 'Nursing ~ Activity ~ Gymnastics' /
    nursing15e 'Nursing ~ Activity ~ Hiking' /
    nursing15f 'Nursing ~ Activity ~ Jumping Rope' /
    nursing15g 'Nursing ~ Activity ~ Backyard games' /
    nursing15h 'Nursing ~ Activity ~ Roller skating' /
    nursing15i 'Nursing ~ Activity ~ Ice skating' /
    nursing15j 'Nursing ~ Activity ~ Running' /
    nursing15k 'Nursing ~ Activity ~ Soccer' /
    nursing15l 'Nursing ~ Activity ~ Swimming' /
    nursing15m 'Nursing ~ Activity ~ Trampoline' /
    nursing16 'Nursing ~ Active Video Games' /
    nursing17 'Nursing ~ Active Video Game Time' /
    nursing18 'Nursing ~ School' /
    nursing19 'Nursing ~ Recess' /
    nursing20 'Nursing ~ Recess Time' /
    inclusion1 'Diversity ~ African American Population' /
    inclusion2 'Diversity ~ Muslim Population' /
    inclusion3 'Diversity ~ Gay Population' /
    inclusion4 'Diversity ~ Income Gap' /
    inclusion5 'Diversity ~ Escape Poverty' /
    inclusion6 'Diversity ~ Race Wage Gap' /
    inclusion7 'Diversity ~ Gender Wage Gap' /
    inclusion8 'Diversity ~ Gay Marriage' /
    inclusion9 'Diversity ~ Gay Adoption' /
    inclusion10 'Diversity ~ African American Hiring' /
    inclusion11 'Diversity ~ Female Hiring' /
    inclusion13 'Diversity ~ Immigrants' /
    inclusion14 'Diversity ~ Photo ID' /
    inclusion15 'Diversity ~ Mosque' /
    RI         'Thank you for answering our questions.' /
    RIa        'RI ~ Email' /
    email      'Email' /
    rname      'R Name' /
    contacts   'contacts' /
    length     'Interview Length' /
    idate      'Interview Date' /
    iwer       'Interviewer' /
    males      'Males' /
    females    'Females' /
    .

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' /
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A1        1 'SCHOOL FINANCE/EDUCATION FUNDING'
          2 'EDUCATION QUALITY/IMPROVE EDUCATION' 9 'EDUCATION: GENERAL'
          10 'MEDICAL CARE/HEALTH CARE: GENERAL'
          11 'ELDERLY/MEDICAL CARE ELDERLY: MEDICARE'
          12 'RACISM/EQUAL OPPORTUNITIES' 13 'POVERTY/POOR'
          14 'HOMELESSNESS' 15 'HOUSING/AFFORDABLE HOUSING'
          16 'WELFARE REFORM/CUT WELFARE'
          17 'WELFARE EXPANSION/MORE PROGRAMS'
          19 'OTHER (MEDICAL/HEALTH/WELFARE)'
          20 'JOBS/CREATING JOBS/UNEMPLOYMENT'
          21 'ECONOMY/DEVELOPMENT/LOSS BUSINESSES'
          22 'OVER EXPANSION/TOO MUCH GROWTH' 23 'FARMING/DECLINE FARMING'
          24 'COST OF GOODS/INFLATION' 25 'FAMILY INCOME/FAMILY FINANCES'
          26 'FORECLOSURES/HOUSING CRISIS/PROPERTY VALUES'
          27 'LACK OF REVENUE' 29 'OTHER (ECONOMY)'
          30 'TAXES: LOCAL/CITY/PROPERTY' 31 'LEADERSHIP/CITY LEADERS'
          32 'CORRUPTION: LOCAL LEVEL' 33 'TOO MUCH GOVERNMENT'
          34 'COURTS/JUDICIAL REFORM' 35 'TAXES: STATE/FEDERAL'
          36 'LEADERSHIP: STATE/FEDERAL GOVERNMENT'
          37 'CORRUPTION: STATE/FEDERAL LEVEL'
          38 'WAR/TERRORISM/MILITARY CONFLICTS' 39 'OTHER (GOVERNMENT)'
          40 'THEFT' 41 'SAFETY/STREET VIOLENCE' 42 'GUN CONTROL'
          43 'DRUGS/DRUG DEALERS' 44 'CRIME: GENERAL' 49 'OTHER (CRIME)'
          50 'GANGS/TEEN VIOLENCE' 51 'LACK ACTIVITIES YOUTH'
          52 'TEENAGE PREGNANCY' 53 'YOUTH AND DRUGS'
          54 'YOUTH DRINKING/ALC. ABUSE' 55 'PEER PRESSURE'
          59 'OTHER (YOUTH)' 60 'DIVORCE/BROKEN HOMES/SINGLE PARENTS'
          61 'CHILDREN''S WELFARE/CHILD ABUSE'
          62 'DISCIPLINE/PARENTAL CONTROL' 63 'VALUES/MORALITY/RELIGION'
          64 'FAMILY ALCOHOLISM/DRUG ABUSE' 69 'OTHER (FAMILY)'
          70 'POLLUTION' 71 'JUNK/DIRTY CITY/BLIGHT' 72 'LANDFILLS'
          73 'LAND USE' 74 'POPULATION GROWTH' 75 'RECYCLING'
          76 'WETLAND/NATURAL AREA' 79 'OTHER (ENVIRONMENT)'
          80 'WATER/SEWERS' 81 'TRASH/GARBAGE COLLECTION'
          82 'POLICE/MORE LAW ENFORCEMENT' 83 'FIRE/MORE FIRE PROTECTION'
          84 'ROADS/ROAD REPAIR/STREET UPKEEP' 85 'TRANSPORTATION/BUSES'
          86 'ANIMAL CONTROL' 87 'TRAFFIC CONGESTION/TRAFFIC'
          89 'OTHER (PUBLIC SERVICES)'
          90 'COMMUNITY SPIRIT, COMMUNITY SUPPORT'
          91 'MISCELLANEOUS: OTHER' /
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' /
D10       1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
          3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
D11       1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
          3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
D12       1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
          3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
P4a       1 'ECONOMY/ECONOMIC GROWTH/STIMULATING THE ECONOMY'
          2 'JOBS/CREATING JOBS/UNEMPLOYMENT'
          3 'HEALTH CARE/COST OF HEALTH CARE/HEALTH INSURANCE'
          4 'CRIME/DRUGS/VIOLENCE/SAFETY/PRISONS'
          5 'EDUCATION/SCHOOL FUNDING'
          6 'POVERTY/HOMELESS/SOCIAL PROGRAMS' 7 'WELFARE/WELFARE REFORM'
          8 'TAXES' 9 'SENIORS/PRESCRIPTION DRUG COVERAGE'
          10 'REDUCE BUDGETS/SIZE GOVERNMENT'
          11 'MORAL ISSUES/ABORTION/FAMILY VALUES' 12 'FOREIGN POLICY'
          13 'ENVIRONMENT' 14 'ROADS/HIGHWAYS/BRIDGES REPAIR'
          15 'CHILDREN/ISSUES WITH CHILDREN' 16 'DIVERSITY/RACE RELATIONS'
          17 'ETHICS, POLITICAL REFORM' 18 'INFRASTRUCTURE OF CITIES'
          19 'ELECTION REFORM' 20 'GUN CONTROL'
          21 'JOB TRAINING/RETRAINING' 22 'TEACHER TESTING/ACCOUNTABILITY'
          23 'REGULATION/DEREGULATION' 24 'MEAP SCORES'
          25 'STATE BUDGET CRISIS/SOLVE BUDGET ISSUES'
          26 'FORECLOSURES/PROPERTY VALUES/HOUSING CRISIS'
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              27 'EDUCATION QUALITY/STANDARDS' 90 'MISCELLANEOUS' /
roberts1   1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED' /
roberts2a  1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED' /
roberts2b  1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED' /
roberts3a  1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED' /
roberts3b  1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED' /
roberts4   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'
           1 'CATHOLIC; ROMAN CATHOLIC, ORTHODOX' 2 'ISLAMIC/MUSLIM'
           3 'JEWISH'
           4 'PROTESTANT (include: Baptist, Methodist, Lutheran, Episcopal'
           5 'OTHER NON~CHRISTIAN (include: Unitarian~Universalist, Hindu'
           6 'OTHER CHRISTIAN (include: Jehovah Witness, Mormon, 7th Day A'
           94 'NO RELIGION/AGNOSTIC/ATHEIST' 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'
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            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 VACATION, SICK LEA'
            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' /
ta1         1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
            4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta2         1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
            4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta4         1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
            4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta5         1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
            4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta6         1 'YES, CONTINUE TO BE EXEMPT' 5 'NO, SHOULD PAY TAXES'
            8 'DO NOT KNOW' 9 'REFUSED' /
v1          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
v10         1 'YES' 5 'NO' 7 'DO NOT GIVE TO CHARITY (R VOLUNTEERED)'
            8 'DO NOT KNOW' 9 'REFUSED' /
v4          1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW' 9 'REFUSED'
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v5        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
newv5     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
v8        1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW' 9 'REFUSED'
          /
volopp    1 'FAMILY, FRIENDS ~ PEOPLE INVOLVED IN ACTIVITY'
          2 'CHILDREN INVOLVED IN ACTIVITY'
          3 'CHURCH/THROUGH RELIGIOUS ORGANIZATION' 4 'SCHOOL'
          5 'PREVIOUS INVOLVEMENT/KNOWLEDGE ORGANIZATION/PROGRAM'
          6 'WORK/JOB' 7 'TV, RADIO, NEWSPAPER, PAMPLETS, DIRECT MAILING'
          8 'INTERNET, SOCIAL NETWORKING SITES'
          9 'COMMUNITY BASED ORGANIZATION' 10 'VOLUNTEER CENTERS'
          11 'SERVICE CLUBS/ORGANIZATIONS' 20 'WORD OF MOUTH'
          95 'MISC/OTHER' 98 'DO NOT KNOW' 99 'REFUSED' /
v9        1 'YES' 5 'NO'
          7 'DO NOT GIVE TO CHARITY/VOLUNTEER (R VOLUNTEERED)'
          8 'DO NOT KNOW' 9 'REFUSED' /
av1       1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
          8 'DO NOT KNOW' 9 'REFUSED' /
av2       1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
          8 'DO NOT KNOW' 9 'REFUSED' /
av3       1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
          8 'DO NOT KNOW' 9 'REFUSED' /
av4       1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
          8 'DO NOT KNOW' 9 'REFUSED' /
av5       1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
          8 'DO NOT KNOW' 9 'REFUSED' /
angel1    1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
angel2a   1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
angel2b   1 'CASH' 2 'OTHER' 8 'DO NOT KNOW' 9 'REFUSED' /
angel2c   1 'CHARITIES' 100 'CHARITIES' 998 'DO NOT KNOW' 999 'REFUSED' /
angel2d   1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
angel3a   1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
angel3b   1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
sd1       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
sd2       1 'NEWSPAPERS, PRINT MEDIA'
          2 'TELEVISION, RADIO, ELECTRONIC MEDIA'
          3 'HOSPITAL/CLINIC/DOCTOR''S OFFICE' 4 'INTERNET'
          5 'WORD OF MOUTH/FAMILY/FRIENDS' 6 'PLACE OF WORK' 7 'CHURCH'
          8 'SCHOOL' 95 'MISC/OTHER' 98 'DO NOT KNOW' 99 'REFUSED' /
sd3       1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'
          4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
mcan0     1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
mcan1     1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
          3 'NEITHER IMPORTANT NOR UNIMPORTANT (R VOLUNTEERS)'
          4 'SOMEWHAT UNIMPORTANT' 5 'VERY UNIMPORTANT' 8 'DO NOT KNOW'
          9 'REFUSED' /
mcan2     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
          3 'NEITHER AGREE NOR DISAGREE (R VOLUNTEERS)'
          4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'
          9 'REFUSED' /
mcan3a    98 'DO NOT KNOW' 99 'REFUSED' /
mcan4a    1 'VERY LIKELY' 2 'SOMEWHAT LIKELY'
          3 'NEITHER LIKELY NOR UNLIKELY (R VOLUNTEERS)'
          4 'SOMEWHAT UNLIKELY' 5 'VERY UNLIKELY' 8 'DO NOT KNOW'
          9 'REFUSED' /
mcan3b    98 'DO NOT KNOW' 99 'REFUSED' /
mcan4b    1 'VERY LIKELY' 2 'SOMEWHAT LIKELY'
          3 'NEITHER LIKELY NOR UNLIKELY (R VOLUNTEERS)'
          4 'SOMEWHAT UNLIKELY' 5 'VERY UNLIKELY' 8 'DO NOT KNOW'
          9 'REFUSED' /
nursing1  98 'DO NOT KNOW' 99 'REFUSED' /
nursing1b 1 'PROCEED' 2 'TWINS/TRIPLETS/ETC SELECTED' 7 'NO CHILDREN'
          9 'REFUSED' /
nursing2  1 '1 YEAR (12~23 MONTHS)' 2 '2 YEARS (24~35 MONTHS)'
          3 '3 YEARS (36~47 MONTHS)' 4 '4 YEARS (48~59 MONTHS)'
          5 '5 YEARS (60~71 MONTHS)' 98 'DO NOT KNOW' 99 'REFUSED' /
nursing2b 1 'FATHER' 2 'MOTHER' 3 'PARENT (GENDER UNKNOWN)'
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             4 'SIBLING/BROTHER/SISTER' 5 'GRANDPARENT/GREAT~GRANPARENT'
             6 'COUSIN' 7 'AUNT/UNCLE' 8 'OTHER RELATIVE' 9 'NON~RELATIVE'
             98 'DO NOT KNOW' 99 'REFUSED' /
nursing3  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing4  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing5  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing6  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing7  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing8  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing9  1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing10 1 'NEVER' 2 '1~3 TIMES/WEEK' 3 '4~6 TIMES/WEEK' 4 'EVERY DAY'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing101 1 'POOR' 2 'NOT SO GOOD' 3 'FAIR' 4 'GOOD' 5 'EXCELLENT'
             8 'DO NOT KNOW' 9 'REFUSED' /
nursing11 8 'DO NOT KNOW' 9 'REFUSED' /
nursing12 0 'LESS THAN 1 HOUR' 1 '1 HOUR' 2 '2 HOURS' 3 '3 HOURS'
             4 '4 HOURS' 5 '5 OR MORE HOURS'
             7 'CHILD DOES NOT WATCH TV OR VIDEOS' 8 'DO NOT KNOW'
             9 'REFUSED' /
nursing13 0 'LESS THAN 1 HOUR' 1 '1 HOUR' 2 '2 HOURS' 3 '3 HOURS'
             4 '4 HOURS' 5 '5 OR MORE HOURS'
             7 'CHILD DOES NOT PLAY VIDEO GAMES' 8 'DO NOT KNOW' 9 'REFUSED'
             /
nursing14 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15a 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15b 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15c 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15d 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15e 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15f 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15g 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15h 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15i 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15j 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15k 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15l 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing15m 1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing16 8 'DO NOT KNOW' 9 'REFUSED' /
nursing17 0 'LESS THAN 1 HOUR' 1 '1 HOUR' 2 '2 HOURS' 3 '3 HOURS'
             4 '4 HOURS' 5 '5 OR MORE HOURS' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing18 1 'YES/DAYCARE/SCHOOL' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nursing19 8 'DO NOT KNOW' 9 'REFUSED' /
nursing20 1 'LESS THAN 15 MINUTES' 2 '16~30 MINUTES'
             3 'MORE THAN 30 MINUTES' 8 'DO NOT KNOW' 9 'REFUSED' /
inclusion1 998 'DO NOT KNOW' 999 'REFUSED' /
inclusion2 998 'DO NOT KNOW' 999 'REFUSED' /
inclusion3 998 'DO NOT KNOW' 999 'REFUSED' /
inclusion4 1 'INCREASED' 2 'DECREASED' 3 'STAYED ABOUT THE SAME'
             8 'DO NOT KNOW' 9 'REFUSED' /
inclusion5 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'NOT SO GOOD' 5 'POOR'
             8 'DO NOT KNOW' 9 'REFUSED' /
inclusion6 1 'MOSTLY DUE TO DIFFERENCES IN JOB SKILLS'
             2 'SOMEWHAT MORE DUE TO DIFFERENCES IN JOB SKILLS THAN TO DISCR'
             3 'SOMEWHAT MORE DUE TO DISCRIMINATION THAN TO DIFFERENCES IN J'
             4 'MOSTLY DUE TO DISCRIMINATION' 8 'DO NOT KNOW' 9 'REFUSED' /
inclusion7 1 'MOSTLY DUE TO DIFFERENCES IN JOB SKILLS'
             2 'SOMEWHAT MORE DUE TO DIFFERENCES IN JOB SKILLS THAN TO DISCR'
             3 'SOMEWHAT MORE DUE TO DISCRIMINATION THAN TO DIFFERENCES IN J'
             4 'MOSTLY DUE TO DISCRIMINATION' 8 'DO NOT KNOW' 9 'REFUSED' /
inclusion8 1 'STRONGLY FAVOR' 2 'SOMEWHAT FAVOR'
```

```
            3 'NEUTRAL (R VOLUNTEERED)' 4 'SOMEWHAT OPPOSE'
            5 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
    inclusion9 1 'STRONGLY FAVOR' 2 'SOMEWHAT FAVOR'
            3 'NEUTRAL (R VOLUNTEERED)' 4 'SOMEWHAT OPPOSE'
            5 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
    inclusion10 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEUTRAL (R VOLUNTEERED)' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
    inclusion11 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEUTRAL (R VOLUNTEERED)' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
    inclusion13 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEUTRAL (R VOLUNTEERED)' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
    inclusion14 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEUTRAL (R VOLUNTEERED)' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
    inclusion15 1 'BOTHER YOU A LOT' 2 'BOTHER YOU A LITTLE'
            3 'NOT BOTHER YOU' 4 'BE SOMETHING YOU WELCOME' 8 'DO NOT KNOW'
            9 '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' /
    .

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  A1 (99,98).
MISSING VALUES  PO1 (9,8).
MISSING VALUES  PO2 (9,8).
MISSING VALUES  D10 (9,8).
MISSING VALUES  D11 (9,8).
MISSING VALUES  D12 (9,8).
MISSING VALUES  P4a (99,98).
MISSING VALUES  roberts1 (9,8).
MISSING VALUES  roberts2a (9,8).
MISSING VALUES  roberts2b (9,8).
MISSING VALUES  roberts3a (9,8).
MISSING VALUES  roberts3b (9,8).
MISSING VALUES  roberts4 (9,8).
MISSING VALUES  CD2 (9,8).
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   ta1 (9,8).
MISSING VALUES   ta2 (9,8).
MISSING VALUES   ta4 (9,8).
MISSING VALUES   ta5 (9,8).
MISSING VALUES   ta6 (9,8).
MISSING VALUES   v1 (9,8).
MISSING VALUES   v10 (9,8).
MISSING VALUES   v4 (9,8).
MISSING VALUES   v5 (9,8).
MISSING VALUES   newv5 (9,8).
MISSING VALUES   v8 (9,8).
MISSING VALUES   volopp (99,98).
MISSING VALUES   v9 (9,8).
MISSING VALUES   av1 (9,8).
MISSING VALUES   av2 (9,8).
MISSING VALUES   av3 (9,8).
MISSING VALUES   av4 (9,8).
MISSING VALUES   av5 (9,8).
MISSING VALUES   angel1 (9,8).
MISSING VALUES   angel2a (9,8).
MISSING VALUES   angel2b (9,8).
MISSING VALUES   angel2c (999,998).
MISSING VALUES   angel2d (9,8).
MISSING VALUES   angel3a (9,8).
MISSING VALUES   angel3b (9,8).
MISSING VALUES   sd1 (9,8).
MISSING VALUES   sd2 (99,98).
MISSING VALUES   sd3 (9,8).
MISSING VALUES   mcan0 (9,8).
MISSING VALUES   mcan1 (9,8).
MISSING VALUES   mcan2 (9,8).
MISSING VALUES   mcan3a (99,98).
MISSING VALUES   mcan4a (9,8).
MISSING VALUES   mcan3b (99,98).
MISSING VALUES   mcan4b (9,8).
MISSING VALUES   nursing1 (99,98).
MISSING VALUES   nursing1b (9).
MISSING VALUES   nursing2 (99,98).
MISSING VALUES   nursing2b (99,98).
MISSING VALUES   nursing3 (9,8).
MISSING VALUES   nursing4 (9,8).
MISSING VALUES   nursing5 (9,8).
MISSING VALUES   nursing6 (9,8).
MISSING VALUES   nursing7 (9,8).
MISSING VALUES   nursing8 (9,8).
MISSING VALUES   nursing9 (9,8).
MISSING VALUES   nursing10 (9,8).
MISSING VALUES   nursing101 (9,8).
```

```
MISSING VALUES   nursing11 (9,8).
MISSING VALUES   nursing12 (9,8).
MISSING VALUES   nursing13 (9,8).
MISSING VALUES   nursing14 (9,8).
MISSING VALUES   nursing15a (9,8).
MISSING VALUES   nursing15b (9,8).
MISSING VALUES   nursing15c (9,8).
MISSING VALUES   nursing15d (9,8).
MISSING VALUES   nursing15e (9,8).
MISSING VALUES   nursing15f (9,8).
MISSING VALUES   nursing15g (9,8).
MISSING VALUES   nursing15h (9,8).
MISSING VALUES   nursing15i (9,8).
MISSING VALUES   nursing15j (9,8).
MISSING VALUES   nursing15k (9,8).
MISSING VALUES   nursing15l (9,8).
MISSING VALUES   nursing15m (9,8).
MISSING VALUES   nursing16 (9,8).
MISSING VALUES   nursing17 (9,8).
MISSING VALUES   nursing18 (9,8).
MISSING VALUES   nursing19 (9,8).
MISSING VALUES   nursing20 (9,8).
MISSING VALUES   inclusion1 (999,998).
MISSING VALUES   inclusion2 (999,998).
MISSING VALUES   inclusion3 (999,998).
MISSING VALUES   inclusion4 (9,8).
MISSING VALUES   inclusion5 (9,8).
MISSING VALUES   inclusion6 (9,8).
MISSING VALUES   inclusion7 (9,8).
MISSING VALUES   inclusion8 (9,8).
MISSING VALUES   inclusion9 (9,8).
MISSING VALUES   inclusion10 (9,8).
MISSING VALUES   inclusion11 (9,8).
MISSING VALUES   inclusion13 (9,8).
MISSING VALUES   inclusion14 (9,8).
MISSING VALUES   inclusion15 (9,8).
MISSING VALUES   RI (9,8).
MISSING VALUES   RIa (9,8).
```

13. Weighting Commands

```
*        ACTION:  Open Recall data (after merging with SOSS n-2 data).
*        ACTION:  Run types.sps.

SORT CASES by CASEID (A).

*        ACTION:  Change character in at end of COMPUTE line to first char in RDD Recall CaseIDs.

USE ALL.
COMPUTE filter_$=(CHAR.SUBSTR(CASEID,1,1)='h').
VARIABLE LABELS filter_$ "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.

USE ALL.
COMPUTE filter_$=(CHAR.SUBSTR(CASEID,1,1)='u').
VARIABLE LABELS filter_$ "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.

* ACTION: Save new dataset as ##recallrdd###a.sav
* ACTION: Close RDD Recall dataset.

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

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

*        ACTION: Open Fresh RDD data.
* ACTION: Close Merged Recall dataset (don't save).
*        ACTION: Run 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 RDD Recall data with Fresh RDD data, keep all variables from active dataset.

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

66

```
*      ACTION:  Confirm Frequencies.
* ACTION:  Save Combined data as ##fullrdd###a.sav.


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: Enter freq into Excel.
*      ACTION: Copy weights into section below.

compute listwt=1.
if (listed=1 or listed=3)listwt=0.7588.
if (listed=2)listwt=2.441.

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 9 (Missing) - Artifact of allowing 0
response in Recall Cell.
```

67

```
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 (divide by 10).
*      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=1.7511*listwt.
if (numphone eq 2)phwt=0.8755*listwt.
if (numphone eq 3)phwt=0.5837*listwt.
if (numphone eq 4)phwt=0.4378*listwt.
if (numphone eq 5)phwt=0.3502*listwt.
if (numphone eq 6)phwt=1*listwt.
if (numphone eq 7)phwt=0.2502*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,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 (divide by 10).
*      ACTION: Copy weights into section below.

*   This adjusts weight by number of adults in the household.

compute adltwt=phwt.
if (cd10=1 or cd10=99)adltwt=phwt*0.5275.
if (cd10=2)adltwt=phwt*1.0551.
if (cd10=3)adltwt=phwt*1.5826.
if (cd10=4)adltwt=phwt*2.1102.
if (cd10=5)adltwt=phwt*2.6377.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*1.
if (cd10=10)adltwt=phwt*1.
if (cd10=11)adltwt=phwt*1.
if (cd10=12)adltwt=phwt*1.
if (cd10=13)adltwt=phwt*1.

weight by adltwt.
freq var=cd10.
```

```
*        ACTION:  Confirm total against Excel.


*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 combined RDD data.

*        ACTION:  Open Fresh Cell data.
*        ACTION:  Close RDD data.
* ACTION:  Run 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 Cell Recall data with Fresh Cell data, keep all variables from active dataset.

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

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

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.
```

```
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 (divide by 10).
*      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=1.3324*listwt.
if (numphone eq 2)phwt=0.6662*listwt.
if (numphone eq 3)phwt=0.4441*listwt.
if (numphone eq 4)phwt=0.3331*listwt.
if (numphone eq 5)phwt=0.2665*listwt.
if (numphone eq 6)phwt=0.2221*listwt.
if (numphone eq 7)phwt=1*listwt.
if (numphone eq 8)phwt=1*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.
*       ACTION:  Merge Landline data 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 ##all###a.sav.

compute tempwt=adltwt*10.
weight by tempwt.

frequencies variables = phstatus.

*       ACTION: Enter freq into Excel (divide by 10).
*       ACTION: Copy weights into section below.

*Table 5.
missing values phstatus ().
compute landcellwt=1.
if (phstatus eq 1 or phstatus=9)landcellwt=0.41*adltwt.
if (phstatus eq 2)landcellwt=1.03028*adltwt.
if (phstatus eq 3)landcellwt=1.24729*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.

*Table 6.
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 into Excel.
*     ACTION: Copy weights into section below.

if (imprace eq 1)REGNRACEwt=ovrsamwt*0.9043.
if (imprace eq 2)REGNRACEwt=ovrsamwt*1.5355.
if (imprace eq 3)REGNRACEwt=ovrsamwt*2.1206.

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: Enter freq into Excel Converter, copy highlighed content to spreadshhet.
*     ACTION: Copy weights into section below.

recode cd1 (5=2).

compute sexagewt=REGNRACEwt.
if (cd1=1 and agecat7 eq 1)sexagewt=REGNRACEwt*1.2465.
if (cd1=1 and agecat7 eq 2)sexagewt=REGNRACEwt*1.2905.
if (cd1=1 and agecat7 eq 3)sexagewt=REGNRACEwt*1.26.
if (cd1=1 and agecat7 eq 4)sexagewt=REGNRACEwt*0.7844.
if (cd1=1 and agecat7 eq 5)sexagewt=REGNRACEwt*0.631.
if (cd1=1 and agecat7 eq 6)sexagewt=REGNRACEwt*1.2095.
if (cd1=1 and agecat7 eq 7)sexagewt=REGNRACEwt*1.4014.

if (cd1=2 and agecat7 eq 1)sexagewt=REGNRACEwt*0.9749.
if (cd1=2 and agecat7 eq 2)sexagewt=REGNRACEwt*1.38.
if (cd1=2 and agecat7 eq 3)sexagewt=REGNRACEwt*0.925.
if (cd1=2 and agecat7 eq 4)sexagewt=REGNRACEwt*0.893.
if (cd1=2 and agecat7 eq 5)sexagewt=REGNRACEwt*0.7511.
if (cd1=2 and agecat7 eq 6)sexagewt=REGNRACEwt*1.088.
if (cd1=2 and agecat7 eq 7)sexagewt=REGNRACEwt*1.673.

weight by sexagewt.

compute roundwt=sexagewt*10.
weight by roundwt.

freq var=regn

*     ACTION: Enter freq into Excel (divide by 10) as Wtd (right column).

weight off.
freq var=regn.

*     ACTION: Enter freq into Excel as Actual N (left 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*1.18644.
if (regn=2)adjwt=sexagewt*1.18033.
```

```
if (regn=3)adjwt=sexagewt*0.99569.
if (regn=4)adjwt=sexagewt*1.05263.
if (regn=5)adjwt=sexagewt*1.00991.
if (regn=6)adjwt=sexagewt*0.98932.
if (regn=7)adjwt=sexagewt*0.75641.

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 msueregn.

value labels msueregn 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.

compute msuewt=adjwt.
if (regn=7)msuewt=adjwt*0.98971.
if (regn=6)msuewt=adjwt*1.00156.
weight by msuewt.
freq var=msueregn regn cd1.

compute roundwt=msuewt*10.
weight by roundwt.
freq var=msueregn.

*      ACTION: Enter freq into Excel (divide by 10).
*      ACTION: Copy weights into section below.

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.79776.
if (msueregn eq 2)statewt=msuewt*0.70885.
if (msueregn eq 3)statewt=msuewt*0.83334.
if (msueregn eq 4)statewt=msuewt*0.90065.
if (msueregn eq 5)statewt=msuewt*0.86611.
if (msueregn eq 6)statewt=msuewt*1.20502.
freq var=regn 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 (incb=1)newinc=2.
if (incb=5)newinc=3.
if (incca=5)newinc=4.
if (incca=1)newinc=3.
if (incc=5)newinc=2.
if (incc=1)newinc=1.
if (incd=1)newinc=7.
if (incd=5)newinc=5.
if (incf=5)newinc=5.
if (incf=1)newinc=6.
if (incg=5)newinc=6.
if (incg=1)newinc=10.
if (incg=5)newinc=7.
if (inch=5)newinc=7.
if (inch=1)newinc=8.
if (incha=5)newinc=8.
if (incha=1)newinc=9.
if (inci=5)newinc=10.
if (inci=1)newinc=11.
missing values newinc (0,98,99).
value labels newinc 1 '< $10k'  2 '$10k < $20k'  3 '$20k <$30k'  4 '$30 < $40k'  5 '$40k < $50k'  6
'$50k < $60k'
     7 '$60k < $70k'  8 '$70k < $90k'  9 '$90k < $100k'  10 '$100k < $150k'  11 '$150k+' 98 'DK'
99 'REF'.
frequencies variables=newinc.

recode cd3 (0 thru 11=1)(12=2)(13 thru 15, 20=3)(16 thru 18=4) into educat4.
value labels educat4 1 'LT HS'  2 'HS'  3 'Some College'  4 'College+'.
frequencies variables=educat4.
recode age (18 thru 24=1)(25 thru 99=2) into ed25.
value labels ed25 1 '< 25'  2 '25+'.
frequencies variables=ed25.
crosstabs tables=educat4 by ed25 /cells count column.

freq var=length.
temporary.
if (length lt 9)length=0.
if (length gt 41)length=0.
missing values length (0).
frequencies variables=length /statistics  ALL.

value labels cd1 1 'Male'  2 'Female'.
compute roundwt=statewt*10.
weight by roundwt.
freq var=cd1.

var labels
```

```
        newregn2 'Alternate coding of cases into regions based on FIPS'/
        listwt 'Weight adjustment for listed vs nonlisted numbers'/
        phwt 'Weight adjustment for number of phone lines to HHLD'/
        adltwt 'Weight adjustment for number adults in HHLD'/
        age 'Rs age calculated from year born (CD2)'/
        agecat  'Rs age in categories'/
        rac3   'Rs race in 3 categories and missing'/
        mult2  'Number racial groups R claims'/
        races  'Rs race in 6 categories'/
        imprace 'Rs race in 3 categories with imputation if missing'/
        adj1 'interim weight adjustment'/
        ovrsamwt 'interim weight adjustment'/
        REGNRACEwt 'Sex x Race x Region weight adjustment'/
        sexagewt  'Age x Region weight adjustment'/
        adjwt 'Adjustment to correct rounding errors within region'/
        msueregn 'MSU Extension Regions (Detroit in Reg.6)'/
        msuewt 'Weight to fold Detroit into Region 6'/
        statewt 'Final weight for statewide analysis'/
        newinc 'New Version of income responses (11 categories)'
        source 'Sample Source'/
        agecat7 'R Age in 7 Census Categories'/
        educat4 'Respondent Education in 4 categories'/.

weight by statewt.
frequencies variables = cd1 imprace agecat7 msueregn.

*      ACTION: Enter Valid Percets into Excel.
* 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: Enter freq into Excel (divide by 10).
*      ACTION: Copy weights into section below.

*Table 5.
missing values phstatus ().
compute landcellwt2=1.
if (phstatus eq 1 or phstatus=9)landcellwt2=1.0799*statewt.
if (phstatus eq 2)landcellwt2=1.069*statewt.
if (phstatus eq 3)landcellwt2=0.8948*statewt.

weight by landcellwt2.
frequencies variables= phstatus.

*      ACTION: Enter total into Excel.
*      ACTION: Copy weight into section below.

frequencies variables= phstatus source.
weight off.
frequencies variables=phstatus.

*      ACTION: Enter total into Excel.
*      ACTION: Copy weight into section below.

compute tempwt=landcellwt2*10.
weight by tempwt.
frequencies variables=source.

*Table 6.
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=cd1.

CROSSTABS
  /TABLES= regn BY  imprace
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT.

*      ACTION: Enter freq into Excel (divide by 10).
*      ACTION: Copy weights into section below.

*   This weights cases by gender, imprace and region.
compute REGNRACEwt2=ovrsamwt2.
if (imprace eq 1)REGNRACEwt2=ovrsamwt2*0.9797.
if (imprace eq 2)REGNRACEwt2=ovrsamwt2*1.1529.
if (imprace eq 3)REGNRACEwt2=ovrsamwt2*0.9678.

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.

*      ACTION: Enter freq into Excel Converter.
*      ACTION: Copy weights into section below.

compute sexagewt2=regnracewt2.
if (cd1=1 and agecat7 eq 1)sexagewt2=REGNRACEwt2*1.0865.
if (cd1=1 and agecat7 eq 2)sexagewt2=REGNRACEwt2*1.0322.
if (cd1=1 and agecat7 eq 3)sexagewt2=REGNRACEwt2*0.9936.
if (cd1=1 and agecat7 eq 4)sexagewt2=REGNRACEwt2*0.9743.
if (cd1=1 and agecat7 eq 5)sexagewt2=REGNRACEwt2*0.928.
if (cd1=1 and agecat7 eq 6)sexagewt2=REGNRACEwt2*0.9625.
if (cd1=1 and agecat7 eq 7)sexagewt2=REGNRACEwt2*0.9051.

if (cd1=2 and agecat7 eq 1)sexagewt2=REGNRACEwt2*1.0957.
if (cd1=2 and agecat7 eq 2)sexagewt2=REGNRACEwt2*1.0401.
if (cd1=2 and agecat7 eq 3)sexagewt2=REGNRACEwt2*0.9827.
if (cd1=2 and agecat7 eq 4)sexagewt2=REGNRACEwt2*0.9573.
if (cd1=2 and agecat7 eq 5)sexagewt2=REGNRACEwt2*0.9659.
if (cd1=2 and agecat7 eq 6)sexagewt2=REGNRACEwt2*0.9187.
if (cd1=2 and agecat7 eq 7)sexagewt2=REGNRACEwt2*0.9956.

weight by sexagewt2.

compute roundwt=sexagewt2*10.
weight by roundwt.

freq var=regn

*      ACTION: Enter total into Excel;RIGHT.

weight off.
freq var=regn.
```

```
*        ACTION: Confirm total against Excel.
*        ACTION: Enter total into Excel; LEFT.

*The following command adjusts the number of cases in each region back to the actual number
interviewed.

compute adjwt2=sexagewt2.
if (regn=1)adjwt2=sexagewt2*1.35385.
if (regn=2)adjwt2=sexagewt2*1.31846.
if (regn=3)adjwt2=sexagewt2*1.05615.
if (regn=4)adjwt2=sexagewt2*1.08043.
if (regn=5)adjwt2=sexagewt2*1.2108.
if (regn=6)adjwt2=sexagewt2*0.87544.
if (regn=7)adjwt2=sexagewt2*0.79893.


weight by adjwt2.
freq var=regn.

*        ACTION: Copy weights into section below.

weight off.
freq var=regn.

compute tempwt=10*adjwt2.
weight by tempwt.

freq var=msueregn newregn2.

compute msuewt2=adjwt2.
if (regn=7)msuewt2=adjwt2*1.0024.
if (regn=6)msuewt2=adjwt2*0.9996.


weight by msuewt2.
freq var=msueregn regn cd1.

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*0.74017.
if (msueregn eq 2)statewt2=msuewt2*0.76365.
if (msueregn eq 3)statewt2=msuewt2*0.94281.
if (msueregn eq 4)statewt2=msuewt2*0.95238.
if (msueregn eq 5)statewt2=msuewt2*0.82529.
if (msueregn eq 6)statewt2=msuewt2*1.15186.

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 adjwt10=adjwt2*10000.
compute msuewt10=msuewt2*10000.
compute statewt10=statewt2*10000.
*compute racewt=racewt*10000.
execute.
weight by statewt2.

frequencies variables = cd1 imprace agecat7 msueregn.
```

```
*       ACTION: Enter Valid Percets into Excel.
* ACTION: If Demographics don't match Actual within ~1%, do 3rd Iteration.
* ACTION: If Demographics are close enough, jump to Resume2 below (search for "ACTION: Resume2").

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 'Initialinterim weight adjustment'/
     ovrsamwt 'Initial interim weight adjustment'/
     REGNRACEwt 'Initial sex x Race x Region weight adjustment'/
     sexagewt  'Initial age x Region weight adjustment'/
     adjwt 'Initial ajustment to correct rounding errors within region'/
     msuewt 'Initial weight to fold Detroit into Region 6'/
     statewt 'Initial weight for statewide analysis'/
     adj1 'interim weight adjustment'/
     ovrsamwt2 'interim weight adjustment'/
     REGNRACEwt2 'Sex x Race x Region weight adjustment'/
     sexagewt2  'Age x Region weight adjustment'/
     adjwt2 'Adjustment to correct rounding errors within region'/
     msuewt2 'Weight to fold Detroit into Region 6'/
     statewt2 'Final weight for statewide analysis'/

* ACTION: Resume.
* ACTION: Skip if 2nd round of Weighting (must use statewt2).

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

compute adjwt10=adjwt*10000.
compute msuewt10=msuewt*10000.
compute statewt10=statewt*10000.
*compute racewt=racewt*10000.
execute.
weight by statewt.

* ACTION: Resume2 if 2nd round of Weighting

* ACTION: Save dataset as soss##wtFULL.sav.
* ACTION: Change filename and location below.
```

```
* ACTION: Copy sps from RDD (only up to "females"), delete rname and email, fix (A)s if needed.
* 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          randomrob23 13
        randomrob2 14             randomrob3 15          randommcan1 16
      randomnurse2 17           randomnurse3 18         randomnurse4 19
      randomnurse5 20           randomnurse6 21            city2 22-41 (A)
            listed 42                  CC1 43                   CC2 44
              CC3 45                   CC4 46                   CC5 47
              CC6 48                 A1 49-50                   PO1 51
              PO2 52                  D10 53                   D11 54
              D12 55               P4a 56-57              roberts1 58
         roberts2a 59             roberts2b 60             roberts3a 61
         roberts3b 62              roberts4 63
 /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                ta1 67                   ta2 68
              ta4 69                  ta5 70                   ta6 71
               v1 72                  v10 73                    v4 74
               v5 75                newv5 76                    v8 77
           volopp 78-79               v9 80
 /3          av1 1                    av2 2                    av3 3
             av4 4                    av5 5                  angel1 6
          angel2a 7                angel2b 8               angel2c 9-11
          angel2d 12               angel3a 13               angel3b 14
             sd1 15                  sd2 16-17                 sd3 18
            mcan0 19                mcan1 20                 mcan2 21
          mcan3a 22-23             mcan4a 24               mcan3b 25-26
           mcan4b 27             nursing1 28-29           nursing1b 30
         nursing1c 31            nursing2 32-33           nursing2b 34-35
          nursing3 36             nursing4 37              nursing5 38
          nursing6 39             nursing7 40              nursing8 41
          nursing9 42            nursing10 43             nursing101 44
         nursing11 45            nursing12 46              nursing13 47
         nursing14 48            nursing15a 49            nursing15b 50
         nursing15c 51           nursing15d 52            nursing15e 53
         nursing15f 54           nursing15g 55            nursing15h 56
         nursing15i 57           nursing15j 58            nursing15k 59
         nursing15l 60           nursing15m 61             nursing16 62
         nursing17 63            nursing18 64              nursing19 65
         nursing20 66           inclusion1 67-69        inclusion2 70-72
       inclusion3 73-75         inclusion4 76            inclusion5 77
         inclusion6 78           inclusion7 79            inclusion8 80
 /4       inclusion9 1           inclusion10 2           inclusion11 3
         inclusion13 4           inclusion14 5           inclusion15 6
 /5          RI 1                    RIa 2
 /6       contacts 1             length 3-6                idate 7-14
            iwer 15-17            males 18-19             females 20-21
        races  43        AGECAT 44         ADJWT10 46-52
           MSUEREGN 54                     MSUEWT10 56-62
```

80

```
          STATEWT10 64-70      rac3 71       AGE 72-73       imprace 74      newinc 75-76
          source 77   educat4 78 .
execute .

DELETE VARIABLES adjwt10 msuewt10 statewt10 rname email.
DELETE VARIABLES adjwt210 msuewt210 statewt210.

* ACTION: Find and replace "~" with "-" in all variable labels.
* ACTION: Save dataset as soss#wt.sav.
* ACTION: Change filenames and locations below.

SAVE TRANSLATE OUTFILE=''
  /TYPE=STATA
  /VERSION=8
  /EDITION=SE
  /MAP
  /REPLACE.

SAVE TRANSLATE OUTFILE=''
  /TYPE=XLS
  /VERSION=8
  /MAP
  /REPLACE
  /FIELDNAMES
  /CELLS=VALUES.

EXPORT OUTFILE=''.

* ACTION: Save xls and sps files.
```

14. Codebook

The codebook is provided in a separate document, and reports frequencies based on the weighted data with the weight variable STATEWT being applied.