METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-57]

Fall 2010 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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1. PURPOSE OF SURVEY

Dr. Jack H. Knott, former Director of the Institute for Public Policy and Social Research [IPPSR], made the Michigan State University State of the State survey [MSU SOSS] a reality by promoting the idea throughout the University and convincing the key sponsors to contribute funds to get the survey off the ground. With funding assured for the first year, planning began in June 1994. After completing 19 rounds of SOSS, there was a brief period of inactivity between the Fall of 1999 and the Winter of 2001 when, for budgetary reasons, no rounds of SOSS were conducted. However, with the appointment of Dr. Carol Weissert as the Director of IPPSR in the Fall of 2000, there was a resurgence of both interest and funding for the resumption of SOSS as a longitudinal survey of the state's adult population on policy- relevant issues.

SOSS is a quarterly survey of the citizens of Michigan. It employs Computer Assisted Telephone Interviewing (CATI) technology to interview a stratified random sample of Michigan citizens. Conducted by the Office for Survey Research, a division of the Institute for Public Policy and Social Research, SOSS was inaugurated in October 1994.

Although dozens of surveys are conducted in Michigan every year, none is designed to provide a regular systematic monitoring of the public mood in major regions of the state. SOSS is designed to fill this information gap. SOSS has five principal objectives.

1. <u>To Provide Information about Citizen Opinion on Critical Issues</u>. In keeping with MSU's role as the premier Land Grant University in the United States, MSU seeks to inform the public about the state of the state. Although statistics from censuses, public records, programs, and services provide important information about the state of the state, there is no substitute for gathering information directly from the citizens. By conducting a State of the State survey at regular intervals, IPPSR hopes to monitor the public's mood about important aspects of Michigan's public life. This information should be useful not only to citizens at large but also to policy-makers in the public sector and to other groups and organizations that take an active interest in the state of the state of Michigan.

By disseminating this information through the mass media and in special studies, IPPSR hopes to provide baselines for assessing change in the people's sources of satisfaction and dissatisfaction with the quality of life, the performance of public institutions, the impact and efficacy of public policy, and the opinions about various aspects of life in Michigan, such as confidence in the economy and the climate for business, protection of the environment, freedom from crime, family life, and the vitality of ethnic groups and communities.

2. To Provide Data for Scientific and Policy Research by MSU faculty. MSU's faculty will use the data from the State of the State Survey to address a wide variety of issues in public policy. What are the factors associated with the declining levels of confidence in governmental institutions? To what extent does social and economic status affect tolerance and mutual trust between ethnic and racial groups? Are subjective perceptions of environmental quality related to "objective" measures of environmental quality in Michigan's counties? These are only a few examples of the types of questions that the principal researchers will address using the SOSS results. To serve the interests of a wider scientific community, the SOSS data is deposited in an international data archive.

3. To Provide Useful Information for Programs and Offices at MSU. IPPSR has conducted a wide variety of studies for the use of MSU administrators and faculty. SOSS will also develop data for such internal use as well as provide data for use by the MSU Extension, the Vice Provost for University Outreach, and other offices. Generally, the Winter rounds of the survey will assess the public image of higher educational institutions, which will be useful to many offices at MSU.

4. To Develop Survey Methods. The computer-assisted telephone interviewing (CATI) technology lends itself to experiments in question wording, question order, and formatting of response categories. By varying the wording and sequences of questions and responses, the investigators can study the sensitivity of answers to the format of questions. Although survey research demands creative skills and remains to some extent an "art," the scientific study of survey methods is a well established discipline. Contributing to the scientific literature on survey methods is an important goal of the OSR; hence, a variety of experiments are built into some of the survey instruments.

5. To Provide Opportunities for Student Training and Research. Data from SOSS will be made directly available to professors and students for use in instruction and research in classes at MSU. The availability of up-to-date information on public opinion and individual perceptions and experiences of the Michigan population will increase the sense of immediacy and relevancy of educational projects.

2. CALENDAR

People's experiences and the 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 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, who are usually faculty and students at MSU, but other staff or clients also. Each survey instrument consists of three main parts: a demographic core, a non-demographic core, and the main substantive theme or themes.

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.

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 5 minutes of interviewing time to complete.

The remainder of the interview is timed to last an average of 15 minutes, so that on average the interviews take about 20 minutes of the respondent's time.

The Winter round in each year includes questions on the most important problem facing communities and that respondents want the governor and legislature to address. It includes an assessment of respondents' trust in federal, state and local governments to make right decisions. Beyond the core set of interview items, SOSS-57 included a series of questions to assess household finances, budgeting and retirement planning, including questions as to how retirement plans have been adjusted to cope with the impact of the recession.

Another series of questions asked respondents their opinions about the importance of various sources of information legislators might rely on to

understand problems and policy issues and the diversity of such sources among legislators of different backgrounds. Respondents were also asked to assess the effectiveness of various formats of communication with legislators.

Another lengthy section of questions focused on respondents' current health status and health care utilization for various chronic health conditions. Respondents were asked about their current health insurance status and source along with the coverage status of any children in the home. Respondents were asked about not receiving needed care. Respondents were also asked whether the new health care reform act (March, 2010) would affect their access to care.

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 raw or weighted frequency distribution of responses, may be difficult to interpret and must be used carefully. Often, 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. Although OSR will do its best to document such situations, it is the responsibility of the data users and analysts, not of the OSR, to assure that the appropriate variants of questions are used in analyses and reports. A copy of the CATI interview program with the 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

IPPSR. In the summer of 2007, IPPSR Director Dr. Douglas Roberts named Dr. Charles Ballard (Department of Economics) as the overall Director of the SOSS program, replacing Dr. Brian Silver (Department of Political Science) who had served as the SOSS Director since its beginning in 1994. Overall responsibility for the execution and management of the SOSS rests with the Office for Survey Research (OSR) of the Institute for Public Policy and Social Research. The Principal OSR staff for SOSS consists of Dr. Larry Hembroff, Survey Director and Methodologist, Karen Clark, Programmer and Project Manager, and the Director of Survey Operations Linda Stork.

OSR staff is responsible for the technical work of programming the CATI survey instrument, training and supervising interviewers, selection and administration of the sample, coding of data, and preparation of the final data set and documentation. In addition, OSR staff works with and advises the principal

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investigators and other researchers in the design of the sample and the survey instrument. However, final approval of the survey and sample design rests with the principal investigators, not OSR staff.

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 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 a public briefing, 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 <u>Working Group</u> for the Fall 2011 survey included:

Marianne Udow-Phillips, Director, and Melissa Riba, Healthcare Research Consultant, Center for Research and Healthcare Transformation, University of Michigan

Cynthia Jackson Elmoore, Dean, Honors College, Michigan State University

Lisa Cook, Assistant Professor, Department of Economics, Michigan State Univesity

Larry Hembroff, Director and Senior Survey Methodologist, Office for Survey Research, Institute for Public Policy and Social Research, Michigan State University

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2010 series of surveys:

Organizations
    Area Agencies on Aging Association of Michigan
    Aspen Institute
    Center for Healthcare Research & Transformation, University of Michigan
    Community Foundation for Southeastern Michigan
    C. S. Mott Group for Sustainable Food Systems
    Dept. of Political Science, Florida State University
    Dept. of Political Science, Tufts University

Nonprofit Michigan Project
University of Michigan
United Way of Michigan
State of Michigan
Department of Military Veteran Affairs
Gerald R. Ford School of Public Policy, University of Michigan
Muhlenberg College
The Center for Michigan
Michigan NonProfit Association
Michigan Department of Information Technology, Bureau of
  Strategic Policy

Michigan State University

Applied Policy Grants Initiative
Center for Economic Analysis
Center for Health Care Studies
Center for Health Promotion and Disease Prevention
College of Communication Arts & Sciences
College of Human Ecology
College of Human Medicine
College of Osteopathic Medicine
College of Social Science
Department of Economics
Department of Political Science
Department of Psychology
Department of Radiology
Department of Sociology
Education Policy Institute
Institute for Public Policy and Social Research
Julian Samora Research Institute
Land Policy Institute
Legislative Leadership Program
Managed Care Institute
Michigan Agricultural Experiment Station
MSU Extension
MSU Institute for Children Youth and Families
Office of the Provost
Office of the Vice President for Research and Graduate Studies
Office of the Vice Provost for University Outreach
School of Criminal Justice
School of Labor and Industrial Relations
School of Social Work

6. DISSEMINATION OF RESULTS

To assure timely dissemination of the results and timely and fair access to the data, early in its deliberations the Advisory Committee approved certain principles.

Each round of the survey has an identified set of Principal Investigators (PI's) who have priority in access to the data for that round but also certain obligations. The PI's 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.

All data for the survey, however, are made available to offices within MSU for internal use as soon as the data are available and documentation is prepared.

All data for the survey are made available to instructors in courses at MSU to use the data for instructional purposes as soon as the data are available and documentation prepared.

Six months after completion of the field date, the survey data are made available on an unrestricted basis to all MSU faculty and students.

Originally, it was planned that one year after completion of the field date, the data and documentation will be deposited at the Inter-University Consortium for Political and Social Research (ICPSR) in Ann Arbor. However, beginning in the Spring of 2002, each individual SOSS data set, interview instrument, and methodological report have been posted in "universally" readable formats to the SOSS section of IPPSR's webpage for downloading by any interested party. Such a deposition of the data is intended to facilitate dissemination and use of the data by the wider scientific and policy community as well put a certain seal of approval on the data quality to enhance the possibilities for researchers to publish from the data.

7. 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 had a chance of being interviewed.

Stratification. To assure representation of major regions within Michigan, the sample was stratified into six regions, each consisting of a set of contiguous

counties, plus the City of Detroit. The grouping of counties corresponds to that used by MSU Extension prior to July 2005 with Detroit separated out from the Southeast region.

The six regions are defined as follows (counties listed within regions):

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 City

To allow reclassification of the place of residence (county) into alternative regional groupings, each respondent's county of residence is also coded on the data set.

Sampling. Until SOSS-35, all previous respondents were derived only from random-digit dial samples. Beginning with SOSS-35, a change was made in the sampling strategy for the State of the State Surveys. The overall intent of the change was to reduce costs, increase response rates, and shorten the field period needed to complete each survey. The revised strategy is similar to that used on the University of Michigan's Survey of Consumer Attitudes. A portion of the sample of interviews is derived from a new random-digit dial sample of phone numbers in the state. The details of this are described below. The other portion of the sample of completed interviews (roughly 40%) is derived from re-interviews of individuals who had been interviewed in the previous round of SOSS 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 constitute a representative random sample several months later if adjustments for any non-response are made. Until SOSS 52, the portion of the sample of completed interviews derived from re-interviews with the prior SOSS' participants was limited to about one third of the total number of interviews. This would ensure that there should be sufficient numbers of respondents who would be willing to be re-contacted and reachable for the next round of SOSS to produce about one third of its total interviews.

In addition to the three benefits listed above as reasons for making the change in sampling strategy, 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.

However, prior to starting SOSS 52, the SOSS team had decided it would be preferable for those who would be re-interviewed to be given a longer lag time until they are re-contacted. Instead of contacting them to complete another interview on the very next round of SOSS, the plan was to skip a round and contact them on the second round of SOSS after their initial participation. Because of the doubling of the number of interviews completed for SOSS 55, the re-interview samples from SOSS 53 and 54 had be used. Therefore, the re-interviewed portion of the SOSS 57 sample included half the individuals who were initially respondents in SOSS 55.

Respondents' households newly enlisted to participate for SOSS-57 were selected using list-assisted random-digit dial sampling procedures. Those being re-interviewed had been sampled and selected in this same manner when they were first recruited to participate in the previous round of SOSS. Ordinarily, the initial sample of randomly generated telephone numbers 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. To improve the efficiency of the calling, we have begun to have SSI stratify this sampling frame into two strata initially, one comprised of all phone numbers that are listed in phone directories, and the other comprised of all 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. Telephone numbers are selected at random in proportion to the number of households in each county from all those remaining telephone

numbers until the quantity needed within a particular geographic grouping of counties is obtained.

As a final step, SSI screens the 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.

To determine the total number of telephone numbers to have SSI generate in order to achieve the desired sample sizes within regions of the state, OSR divided the number of completed interviews desired by the product of (a) the proportion of numbers expected to be working household numbers (the Hit Rate), (b) the proportion of household numbers that would contain an eligible respondent (the Eligibility Rate), and (c) the proportion of households with eligible respondents who would complete the interview in the time period available (the Completion Rate). For SOSS-57, 4,738 phone numbers were used, 647in the re-contact segment and 4,091 in the new RDD segment. The working phone number rate was 87.3% in the re-contact segment and 74.5% in the new RDD segment.

The sampling design for the State of the State Survey is a stratified sample based on regions of the state with the regions sampled somewhat disproportionate to the actual sizes of the populations within each region. The purpose of the stratification is to assure a sufficient minimum number of respondents from each of the strata to permit detailed analysis.

The typical sampling design for SOSS calls for approximately 150 interviews from the East Central Region, the Southwest Region, and the combined Upper Peninsula and Northern Lower Peninsula Regions. Approximately 200 interviews are to be completed in the West Central Region and the Southeast Region. And approximately 150 interviews are to be completed from the City of Detroit. The total sample size typically is to be approximately 1,000.

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 geographic regions and the state as a whole. The details for weighting each segment are provided below.

Because of the stratification (i.e., geographic strata, listed vs. not-listed phone number strata) and the unequal sampling rates across the strata, it is necessary to use "weights" to bring the characteristics of the sample into line with those of each region, or with those of the state as a whole (depending on the purpose of the analysis). Accordingly, the data files contain weights for the original six

MSU Extension regions, for the new Extension regions, as well as for the state as a whole.

As indicated above, the initial 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 of the regions were drawn from 2000 census 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 equal probabilities 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, or by the number of adults in the household. This was 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 adjustment was intended primarily to facilitate accurate weighting to adjust for non-response based on age, gender, and race within SOSS regions. It is common for some groups of individuals to be more difficult to reach or more likely to refuse in RDD (random-digit dialing) 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

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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 white males, African American males, other racial group males, white females, African American females, and other racial group females in the sample for each region matched the proportions each of these groups represent in the adult population of each of the original MSU Extension regions and the City of Detroit based on the 2000 Census. In the data set, this weighting factor is named RACGENCT. Furthermore, within each of the original MSU Extension regions and the city of Detroit, the cases were additionally weighted so that the proportion of cases falling into each of the following age groups matched the proportions in the 1990 Census for each region: 18 - 24 years old, 25 - 29, 30 - 39, 40 - 49, 50 - 59, 60 - 64, and 65 or older. In the data set, this weighting factor is named AGEWT (since rounding and missing data sometimes result in the weighted number of cases differing slightly from the actual number, AGEWT 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.

Since the sample was drawn disproportionately across the original six MSUE regions of the state (with Detroit in the Southeast region), statewide estimates of the citizenry's opinions require post-stratification weights to adjust for the over-sampling of some regions and the under-sampling of others. Thus 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 2000 Census data. The weighting factor for this post-stratification weighting in the data set is named STATEWT.

It is important to note that these weight factors were constructed sequentially and build on the earlier steps. Thus, AGEWT weights cases adjusting for the number of phone lines, the number of adults in the household, the number of respondents from each county, the gender x race category proportions within the region, and the age category proportions within regions. STATEWT weights cases by all of those adjustments implied by AGEWT 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.

Table A in the Appendix presents characteristics of the population in each region and in the state of Michigan as a whole.

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:

$$ConfidenceInterval = \pm 1.96\sqrt{(PxQ/(n-1))}$$

where n is the number of cases within the region or the total sample and 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 excluding the supplemental Hispanic/Latino segment of the sample can be estimated as:

REGION	Number of Cases	Margin of Sampling Error
Upper Peninsula	54	± 13.5%
Northern Lower Peninsula	98	± 10.0%
West Central	193	± 7.1%
East Central	152	± 8.0%
Southwest	151	± 8.0%
Southeast	194	± 7.1%
Detroit	158	± 7.8%
Statewide Total	1,000	± 3.1%

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8. 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 CASES (version 5.4) 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, each question or instruction is presented on the computer screen in order to the interviewer. 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. The 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", authored 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 59 different interviewers were involved in data collection on the 57th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on October 25, 2010 and continued through December 30, 2010. Randomly selected telephone numbers for which a directory listing was available were sent an advance letter roughly one week prior to when 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 after a minimum of nine call attempts, no contact had been made with someone at the number, 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 21.0 minutes (standard deviation= 7.1) with a median of 20.0 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 1,003 interviews was completed, 316 with participants re-contacted from the SOSS-55 surveys and 687 with new RDD participants; however, 3 interviews were excluded from the data set for technical

reasons. The overall completion rate among eligible households for the study was 42.0% (36.0% in the new RDD segment and 65.8% in the re-contact segment).[1]

Of those completing the interview, the mean number of calls required was 4.1 (4.2 among the re-contact cases and 4.0 among the new RDD cases). Interviewers made a total of 28,922 calls to complete the 1,003 interviews.

The refusal rate was 24.1%.

9. 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)

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[1] This is 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-57 was 35.6%, the refusal rate (REF2) was 21.80%, the cooperation rate was 62.02%, and the contact rate was 89.2%.

10. DATA FORMAT AND ARCHIVING

Data are available in an SPSS-Windows systems file, with weight variables included.

11. APPENDIX

Demographic Data in MSU State of the State Survey: MSU Extension Regions

	Upper Peninsula	Northern LP	West Central	East Central	Southwest	Southeast	Detroit	TOTAL
Population	313,915	401,249	1,271,526	812,735	1,308,701	4,159,197	1,027,974	9,295,297
% Change in Population 1980-1990	-1.83%	-14.79%	10.01%	-2.76%	1.04%	1.69%	-14.57%	-0.28%
Households	118,690	153,689	452,238	295,653	482,652	1,542,352	374,057	3,419,331
% Households with Children	33.67%	27.01%	39.38%	38.26%	36.43%	36.18%	39.13%	36.64%
% Population under 18 years of age	24.97%	26.33%	28.28%	27.33%	26.08%	25.23%	29.41%	26.45%
% of Population over 65 Years of Age	16.32%	15.88%	11.58%	12.45%	11.49%	11.29%	12.15%	11.92%
% Female	49.37%	50.90%	50.78%	51.44%	51.39%	51.35%	53.62%	51.45%
% White	94.65%	98.00%	91.60%	92.40%	88.40%	90.60%	21.63%	83.41%
Per Capita Income	$12,978	$14,039	$16,888	$15,653	$16,839	$21,606	$12,503	$18,144
% Employed Civilian Labor Force*	90.58%	91.02%	93.46%	90.50%	92.89%	93.50%	80.29%	
% Employed Manufacturing	15.00%	17.00%	28.38%	24.90%	23.62%	25.67%	20.52%	
% Employed Farming	2.27%	3.19%	2.69%	3.38%	2.44%	1.03%	0.49%	
% Population with a High School Degree**	63.43%	62.03%	57.56%	61.69%	52.46%	51.18%	65.55%	
% Population with Bachelors Degree**	13.48%	13.70%	15.87%	13.04%	19.09%	20.50%	9.61%	
Population Below 185% Poverty	111,940	137,887	317,916	242,395	352,261	725,487	499,033	2,386,919
% Population Below 185% Poverty	37.59%	34.96%	25.79%	30.53%	28.08%	17.74%	49.24%	25.68%

* The population used to determine this indicator is all adults above the age of 15

** The population used to determine this indicator is all adults above the age of 25

Source: Census of Population and Housing, 1980 and 1990. Table by staff of Michigan Databases

12. **QUESTIONNAIRE (Fall, 2010)**

>CONSENT<

>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 end
your participation at any time. 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 the study.

 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. While there is no direct
benefit to you personally for participating in this research, results from this research may
produce benefits to the people of the State of Michigan.

 For quality control purposes, this interview may be monitored by my supervisor.

   [red] READ AS NECESSARY: If you have any questions about this research, please contact the
project manager, Karen Clark at the Office for Survey Research at Michigan State University
at 517.353.1764 or by email at clarkk@@msu.edu. If you have any questions or concerns about
your role and rights as a research participant, or would like to register a complaint about
this study, you may contact, anonymously if you wish, the Michigan State University Human
Research Protection Program, at 517-355-2180, Fax 517-432-4503, or e-mail irb@@msu.edu or
regular mail at 202 Olds Hall, MSU, East Lansing, MI 48824). [n]

          <1> [commandbutton <CONSENT READ>]

             @

>timeperiod< [allow 12] [copy timeperiod in timeperiod]
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               [if MON eq <11>] [store <May> in timeperiod] [endif]
               [if MON eq <12>] [store <June> in timeperiod] [endif]
               [if MON eq <01>] [store <July> in timeperiod] [endif]

>chart< [allow 4] [copy chart in chart]
>chartstart< [allow 4] [copy chartstart in chartstart]
>chartstop< [allow 4] [copy chartstop in chartstop]
>info< [allow 4] [copy info in info]
>infostart< [allow 4] [copy infostart in infostart]
>infostop< [allow 4] [copy infostop in infostop]
>cook< [allow 4] [copy cook in cook]
>cookstart< [allow 4] [copy cookstart in cookstart]
>cookstop< [allow 4] [copy cookstop in cookstop]
>cookt1< [allow 4] [copy cookt1 in cookt1]
>cook1start< [allow 4] [copy cook1start in cook1start]
>cook1stop< [allow 4] [copy cook1stop in cook1stop]

>ID1< [allow 5] [loc 18/1] [#store csid in ID1] [copy ID1 in ID1]
>R1<   [allow 1] [#preset <1>] [copy R1 in R1]
>cnty< [allow 5] [#inputloc 1/23]   [copy cnty in cnty]
>regn< [allow 1] [#inputloc 1/29]   [copy regn in regn]
                                 1 upper pen
                                 2 northern
                                 3 west central
                                 4 east central
                                 5 southwest
                                 6 southeast
                                 7 Detroit
>newreg5< [allow 1]

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

>CC1<

   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 there) are [bold] better off [n] or [bold] worse off [n] financially than you were a year ago?

        <1> BETTER OFF
        <2> ABOUT THE SAME (R PROVIDED)
        <3> WORSE OFF

        <8> DO NOT KNOW
        <9> REFUSED QUESTION

        @

>CC2<

 Now looking ahead, do you think that [bold] a year from now [n] , you (and your family living there) will be [bold] better off [n] financially or [bold] worse off [n] financially?

        <1> BETTER OFF
        <2> ABOUT THE SAME (R PROVIDED)
        <3> WORSE OFF

        <8> DO NOT KNOW
        <9> REFUSED 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?

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

        <8> DO NOT KNOW
        <9> REFUSED 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] ?

        <1> GO UP
        <2> GO DOWN
        <3> STAY ABOUT THE SAME

        <8> DO NOT KNOW
        <9> REFUSED QUESTION

        @

>CC5<

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

        <1> BETTER THAN
        <2> WORSE THAN
        <3> ABOUT THE SAME

        <8> DO NOT KNOW
        <9> REFUSED 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
          <2> BAD TIMES
          <3> NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME(R PROVIDED)

          <8> DO NOT KNOW
          <9> REFUSED QUESTION

        @

>cook1< [settime cookstart]

  In the [bold] past three months [n] , has your total family income from all sources increased, decreased or stayed about the same?

                  <1> [goto cook1a] INCREASED IN THE PAST 3 MONTHS
                  <2> [goto cook1b] DECREASED IN THE PAST 3 MONTH

                  <3> STAYED THE SAME [goto cook2]

                  <8> [goto cook2] DO NOT KNOW
                  <9> [goto cook2] REFUSED THIS QUESTION

                    @

>cook1a<

   By what percent has your total income [bold] increased [n] in the past three months?

                <0-100> [goto cook2] PERCENT INCREASE

                  <998> [goto cook2] DO NOT KNOW
                  <999> [goto cook2] REFUSED THIS QUESTION

                    @

>cook1b<

   By what percent has your total income [bold] decreased [n] in the past three months?

                <0-100> PERCENT DECREASED

                  <998> DO NOT KNOW
                  <999> REFUSED THIS QUESTION

                    @

>cook2<

  Do you expect your total family income from all sources to increase, decrease, or stay the same in the [bold] next 3 months [n] ?

                  <1> [goto cook2a] INCREASE IN NEXT 3 MONTHS
                  <2> [goto cook2b] DECREASE IN NEXT 3 MONTHS

                  <3> STAY THE SAME [goto cook3]

```
                   <8> [goto cook3]  DO NOT KNOW
                   <9> [goto cook3]  REFUSED THIS QUESTION

                     @
```

>cook2a<

   By what percent do you think your total income will [bold] increase [n] in the [bold]
next three months [n] ?

```
              <0-100> [goto cook3]  PERCENT INCREASE

              <998> [goto cook3]  DO NOT KNOW
              <999> [goto cook3]  REFUSED THIS QUESTION

                 @
```

>cook2b<

   By what percent do you think your total income will [bold] decrease [n] in the [bold]
next three months [n] ?

```
              <0-100> PERCENT INCREASE

              <998> DO NOT KNOW
              <999> REFUSED THIS QUESTION

                 @
```

>cook3<

  Do you have a monthly household budget where you allocate how much to spend on your living
expenses, such as housing, food, and transportation?

```
        <1> YES
        <2> NO [goto CD1]

        <8> DO NOT KNOW  [goto CD1]
        <9> REFUSED THIS QUESTION [goto CD1]

        @
```

>cook5<

  How often do change your monthly budget?

  Would you say every month, every couple of months, a few times a year, once a year or
never?

```
        <1> EVERY MONTH
        <2> EVERY COUPLE OF MONTHS
        <3> FEW TIMES A YEAR
        <4> ONCE A YEAR
        <5> NEVER

        <8> DO NOT KNOW
        <9> REFUSED THIS QUESTION

         @
```

>CD1<   [settime cookstop]

   I'd like to ask you a few general background questions now so I know which questions to ask
you throughout the rest of the interview.

   [bold] [green] RECORD PERSONS SEX AT THIS SCREEN: IF UNSURE USE THIS PROBE: "I need to

```
    verify that I am speaking with a (male/female) adult?  [n]

         <1> MALE
         <5> FEMALE

         @

>CD2<

   In what year were you born?

         19 <10-92>

         <8> DO NOT KNOW
         <9> REFUSED

         @

>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, LOOK FOR WORK (SEASONAL)
          <7> RETIRED

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

          0  [#specify]  SPECIFY: OTHER
         <90> MISCELLANEOUS: OTHER

         <98> DO NOT KNOW
         <99> REFUSED THIS QUESTION

          @


>ret7<  [if CD2 ge <66> goto PO1]  [settime cook1start]

   The next questions focus on retirement planning.

   At any point in the last two years, have you changed your retirement plans?

                 <1> YES
                 <2> NO [goto PO1]

                 <8> DO NOT KNOW
                 <9> REFUSED THIS QUESTION [goto PO1]

                 @


>ret8a<
```

In which of the following ways have you changed your retirement plans in the past
two years?

 [if CD15 ne <7>]
Postponed or delayed when you planned to retire?
 [endif]
 [if CD15 eq <7>]
Postponed or delayed when you retired?
 [endif]

                  <1> YES
                  <2> NO

                  <8> DO NOT KNOW
                  <9> REFUSED THIS QUESTION

                  @

>ret8b<

    Retired [bold] earlier [n] than you expected?

                  <1> YES
                  <2> NO

                  <8> DO NOT KNOW
                  <9> REFUSED THIS QUESTION

                  @

>ret8c<

   Decided to invest or save more for retirement?

                  <1> YES
                  <2> NO

                  <8> DO NOT KNOW
                  <9> REFUSED THIS QUESTION

                  @

>ret8d<

   Changed your investment portfolio?

                  <1> YES
                  <2> NO

                  <8> DO NOT KNOW
                  <9> REFUSED THIS QUESTION

                  @

>ret8e<

  Is there any other ways in which you have changed your retirement plans that I have not
already mentioned?

                  0 CHANGED OTHER WAYS: SPECIFY [#specify]
                 <2> HAVE NOT CHANGED OTHER WAYS

                 <3> INVEST [bold] LESS [n] IN RETIREMENT ACCOUNTS, REDUCED
                     CONTRIBUTIONS

                 <4> WITHDRAWN RETIREMENT RESOURCES/FUNDS/ETC

```
        <5> CHANGED INVESTMENT OPTIONS: SAFER RETURN, GUARANTEED RETURNS,
            (include: property, metals, coins, etc)

        <6> SOLD, SELLING PROPERTY, ETC

       <90> OTHER: MISCELLANEOUS
       <98> DO NOT KNOW
       <99> REFUSED THIS QUESTION

        @
```

>PO1<   [settime cook1stop]

  The next set of questions is 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> DO NOT KNOW
       <9> REFUSED QUESTION
      @
```

>PO2<

 How would you rate the way [bold] Jennifer Granholm [n] is performing her job as
Michigan's [bold] governor [n] ?

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

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

       <8> DO NOT KNOW
       <9> REFUSED QUESTION
      @
```

>si1< [settime infostart]

  There are many different sources of information state legislators can use when researching
issues or making policy decisions. I would like to read you several different sources and
have you tell me [bold] overall [n] in the course of their work, how important you think
each is to state legislators in Michigan.

  The Internet.

  Would you say this is a very important, somewhat important, not very important, or
 not important at all source of information?

  [bold]   [green] IWER: IF THE R STATES 'It depends on the issue" or something along those
lines, please respond with:
  "We would like you to think about how important the source would be for all the different
types of issues, not just a specific issues, so when answering please think across all
issues". [N]

```
      <1> VERY IMPORTANT
      <2> SOMEWHAT IMPORTANT
      <3> NEUTRAL/NEITHER  [bold] R: VOLUNTEERED RESPONSE [n]
      <4> NOT VERY IMPORTANT
```

<5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si2<

 Ethnic associations?

   [green] [bold] IWER: USE THIS PROBE: "Examples of ethnic organizations would include the
NAACP, American-Arab Anti-Discrimination Committee, and the Organization of Chinese
Americans) [n]

 (Would you say this is a very important, somewhat important, not very important, or not
important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si3<

  Local grass roots organizations.

    [green] [bold] IWER: USE THIS PROBE: "Examples of grass roots organizations would include
neighborhood groups, local parent/teacher organizations, and local religious organizations)
to name a few". [n]

  (Would you say this is a very important, somewhat important, not very important, or not
important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si4<

   Lobbyists.

    [green] [bold] IWER: USE THIS PROBE: "Examples of lobbying groups would include Common
Cause in Michigan, Michigan Education Association, and the Michigan Association of
Homebuilders to name a few"). [n]

   (Would you say this is a very important, somewhat important, not very important, or not
important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW

```
        <9> REFUSED

        @
>si5<

  Mainstream media such as television, radio, and newspapers.

  (Would you say this is a very important, somewhat important, not very important, or not
important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER  [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @
>si6<

  Racial or ethnic oriented media (such as television, radio and newspapers). (PLEASE PROVIDE
EXAMPLES)

   [green]  [bold] IWER: USE THIS PROBE: "Examples of racial or ethnic media would be The
Jewish  Newa, Latino Press, and The Tom Joyner Morning Show" to name a few" [n]


  (Would you say this is a very important, somewhat important, not very important, or not
important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER  [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si7<

  State government agencies or departments.

   [green]  [bold] IWER: USE THIS PROBE: "Examples of state government agencies or
 departments would include Secretary of State, Department of Human Services, Department
 of Natural Resources and Environment" to name a few" [n]

  (Would you say this is a very important, somewhat important, not very important, or not
important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER  [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @
>si8<

  The governor's office.
```

(Would you say this is a very important, somewhat important, not very important, or not important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si9<

  Business and industry.

   [green] [bold] IWER: USE THIS PROBE: "Examples of industry or business groups would include Google/Yahoo, Dow, and General Motors to name a few.") [n]

  (Would you say this is a very important, somewhat important, not very important, or not important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si10<

  Constituents.

 (Would you say this is a very important, somewhat important, not very important, or not important at all source of information?)

        <1> VERY IMPORTANT
        <2> SOMEWHAT IMPORTANT
        <3> NEUTRAL/NEITHER [bold] R: VOLUNTEERED RESPONSE [n]
        <4> NOT VERY IMPORTANT
        <5> NOT IMPORTANT AT ALL

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si11<

    Next, I would like you to tell me which group of state legislators you think is [bold] more likely [n] to consult a wide variety of information sources when making policy decisions.

    Legislators representing [bold] urban areas [n] or legislators representing [bold] rural areas [n] ?

    Which do you think is [bold] more likely [n] to consult a wide variety of information sources when making policy decisions?

        <1> URBAN AREAS
        <2> RURAL AREAS

<7> EQUALLY LIKELY: [bold] R VOLUNTEERS [n]

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si12<

  Legislators representing [bold] low income [n] communities, legislators representing
[bold] middle income [n] communities, or legislators representing [bold] high income [n]
(or wealthy) communities?

  (Which do you think is [bold] more likely [n] to consult a wide variety of information
sources when making policy decisions?)

        <1> LOW INCOME COMMUNITIES
        <2> MIDDLE INCOME COMMUNITIES
        <3> HIGH INCOME OR WEALTHY COMMUNITIES

        <7> EQUALLY LIKELY: [bold] R VOLUNTEERS [n]

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si13<

  Legislators representing [bold] predominantly white communities [n] or legislators
representing [bold] communities of color [n] ?

  (Which do you think is [bold] more likely [n] to consult a wide variety of information
sources when making policy decisions?)

        <1> PREDOMINANTLY WHITE COMMUNITIES
        <2> COMMUNITIES OF COLOR

        <7> EQUALLY LIKELY: [bold] R VOLUNTEERS [n]

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si14<

    [bold] Democratic [n] legislators, [bold] Republican [n] legislators, or [bold]
Independent [n] legislators?

   (Which do you think is [bold] more likely [n] to consult a wide variety of information
sources when making policy decisions?)

        <1> DEMOCRATIC LEGISLATORS
        <2> REPUBLICAN LEGISLATORS
        <3> INDEPENDENT LEGISLATOR

        <7> EQUALLY LIKELY: [bold] R VOLUNTEERS [n]

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si15<

    [bold] Caucasian [n] legislators, [bold] African American [n] legislators, or [bold]
Latino or Hispanic [n] legislators?

(Which do you think is [bold] more likely [n] to consult a wide variety of information
sources when making policy decisions?)

        <1> CAUCASIAN LEGISLATORS
        <2> AFRICAN AMERICAN LEGISLATORS
        <3> LATINO OR HISPANIC LEGISLATORS

        <7> EQUALLY LIKELY: [bold] R VOLUNTEERS [n]

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si16<

  If you were going to provide information to a state legislator, which of the following
format do you think would be most effective in communicating your key points?

  A one or two page fact sheet or a detailed report?

        <1> ONE OR TWO PAGE FACT SHEET
        <2> A DETAILED REPORT

        <3> IN PERSON (FACE TO FACE), BY PHONE, ETC

         7 OTHER SOURCE: [bold] R VOLUNTEERS:SPECIFY [n] [#specify]

        <5> WRITTEN AND FACE-TO-FACE
        <6> OTHER: MISCELLANEOUS

        <8> DO NOT KNOW
        <9> REFUSED

        @

>si17<

  Which of the following methods of delivering information do you think is the most
effective means of communicating with your state legislator?

  By email, by U.S. mail, by telephone, or in person?

        <1> EMAIL
        <2> US MAIL
        <3> TELEPHONE
        <4> IN PERSON

         7 OTHER SOURCE: [bold] R VOLUNTEERS:SPECIFY [n] [#specify]

        <5> ALL METHODS
        <6> OTHER: MISCELLANEOUS

        <98> DO NOT KNOW
        <99> REFUSED

        @

>HS1< [settime infostop] [settime chartstart]

 Next, I have some questions about health care and health insurance.

 Would you say that [bold] in general [n] your health is excellent, very good, good,
 fair or poor?

        <1> EXCELLENT

```
            <2> VERY GOOD
            <3> GOOD
            <4> FAIR
            <5> POOR

            <8> DO NOT KNOW
            <9> REFUSED QUESTION

             @
```

>nchart4a<

  Have you ever been told by a doctor, nurse, or other health professional that you
  have any of the following health conditions.

  Coronary artery disease or heart disease?

```
        <1> YES
        <5> NO  [goto nchart4b]

        <8> DO NOT KNOW [goto nchart4b]
        <9> REFUSED [goto nchart4b]

        @
```

>nchart4aa<

  About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

```
        <0> 0 TIMES
        <1-30> TIMES

        <98> DO NOT KNOW
        <99> REFUSED

        @
```

>nchart4b<

  (Have you ever been told by a doctor, nurse, or other health professional that you
have . . .)

   Cancer?

```
        <1> YES
        <5> NO  [goto nchart4c]

        <8> DO NOT KNOW [goto nchart4c]
        <9> REFUSED [goto nchart4c]
         @
```

>nchart4bb<

  About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

```
        <0> 0 TIMES
        <1-30> TIMES

        <98> DO NOT KNOW
        <99> REFUSED

        @
```

>nchart4c< [loc 19/1]

```
    (Have you ever been told by a doctor, nurse, or other health professional that you
     have . . . )

     Diabetes?

          <1> YES
          <5> NO   [goto nchart4d]

          <8> DO NOT KNOW [goto nchart4d]
          <9> REFUSED [goto nchart4d]
            @

>nchart4cc<

   About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

          <0> 0 TIMES
          <1-30> TIMES

          <98> DO NOT KNOW
          <99> REFUSED

          @


>nchart4d<   [goto nchart4e]

    (Have you ever been told by a doctor, nurse, or other health professional that you
     have . . . )

     Chronic obstructive lung disease or COPD?

          <1> YES
          <5> NO   [goto nchart4e]

          <8> DO NOT KNOW [goto nchart4e]
          <9> REFUSED [goto nchart4e]
            @

>nchart4dd<

   About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

          <0> 0 TIMES
          <1-30> TIMES

          <98> DO NOT KNOW
          <99> REFUSED

          @

>nchart4e<

   (Have you ever been told by a doctor, nurse, or other health professional that you
have . . . )

     Asthma?

          <1> YES
          <5> NO   [goto nchart4f]

          <8> DO NOT KNOW [goto nchart4f]
          <9> REFUSED [goto nchart4f]
          @

>nchart4ee<
```

About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

        <0> 0 TIMES
        <1-30> TIMES

        <98> DO NOT KNOW
        <99> REFUSED

        @

>nchart4f<

   (Have you ever been told by a doctor, nurse, or other health professional that you
have . . . .)

    Depression?

        <1> YES
        <5> NO   [goto nchart4g]

        <8> DO NOT KNOW [goto nchart4g]
        <9> REFUSED [goto nchart4g]
        @

>nchart4ff<

   About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

        <0> 0 TIMES
        <1-30> TIMES

        <98> DO NOT KNOW
        <99> REFUSED

        @

>nchart4g<

   (Have you ever been told by a doctor, nurse, or other health professional that you
have . . .)

    Osteoarthritis?

        <1> YES
        <5> NO   [goto I1]

        <8> DO NOT KNOW [goto I1]
        <9> REFUSED [goto I1]
         @

>nchart4gg<

   About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional about this health condition?

        <0> 0 TIMES
        <1-30> TIMES

        <98> DO NOT KNOW
        <99> REFUSED

        @

>I1<

Do you have health insurance coverage from any source, including Medicare, Medicaid,
private insurance from your employer or union, coverage from another family member, or
individually purchased coverage?

        <1> YES [goto I2]
        <5> NO

        <8> DO NOT KNOW
        <9> REFUSED QUESTION [goto I2]
         @

>I1a<

   In the past 12 months, did you have health insurance coverage from any source but lost it?

        <1> YES [goto chrt1c]
        <5> NO [goto chrt1c]

        <8> DO NOT KNOW [goto chrt1c]
        <9> REFUSED QUESTION [goto chrt1c]

         @

>I2<

   Does your [bold] primary or main [n] health care coverage come from Medicare, Medicaid,
another government health insurance program, from a plan provided through your or your
spouse's employer or union, or from an individually purchased private insurance plan?

        <1> MEDICARE - (Usually insurance for elderly, retirees)
        <2> MEDICAID - (Usually insurance for poor, disabled, etc)
        <6> [bold] BOTH [n] - MEDICARE AND MEDICAID - DUAL ELIGIBLE

        <3> ANOTHER GOVERNMENT INSURANCE - (CHAMPUS - Military)

        <4> EMPLOYER OR UNION - Respondent or family member
             (include: any name "brand" insurance i.e. Blue Cross, Messa, PHP
              Priority Health; include: "my parents plan, etc)

        <5> INDIVIDUALLY PURCHASED PRIVATE PLAN

         0 OTHER: SPECIFY SOURCE [#specify]

        <90> MISCELLANEOUS: OTHER
        <98>DO NOT KNOW
        <99>REFUSED QUESTION
        @

>chrt1c<

    Do you have any children under the age of 19?

        <1> YES
        <5> NO [goto nchrt1]

        <8> DO NOT KNOW [goto nchrt1]
        <9> REFUSED QUESTION [goto nchrt1]

         @

>chrt2<

    [if I1 eq <5>]
    Are any of your children currently covered through a state health insurance program such
as Medicaid, Healthy Kids or MIChild?
    [endif]
    [if I1 eq <1>]

Are any of your children currently covered through a state health insurance program such as Medicaid, Healthy Kids or MIChild in addition to any other coverage you may have?
[endif]

[red] IWER: MIChild is pronounced My-Child [n]

```
<1> YES
<5> NO [goto nchrt1]

<8> DO NOT KNOW [goto nchrt1]
<9> REFUSED QUESTION [goto nchrt1]

 @
```

>chrt2a<

Which of the following types of state health insurance coverage do you currently have for your child(ren)?

Do you currently have coverage through [bold] Medicaid [n] ?

```
<1> YES
<5> NO

<8> DO NOT KNOW
<9> REFUSED QUESTION
 @
```

>chrt2b<

Do you currently have coverage through [bold] MIChild [n] ?

```
<1> YES
<5> NO

<8> DO NOT KNOW
<9> REFUSED QUESTION

@
```

>chrt2c<

Do you currently have [bold] Healthy Kids [n] ?

```
<1> YES
<5> NO

<8> DO NOT KNOW
<9> REFUSED QUESTION

@
```

>nchrt1<

Do you have a personal or family doctor or other health care professional such as a nurse that you usually rely on if you need medical care?

```
<1> YES
<5> NO

<8> DO NOT KNOW
<9> REFUSED QUESTION

@
```

```
>nchrt2<

  When you are sick or need advice about your health, to which one of the following places do
you usually go?

  Would you say a doctor's office, a public health clinic or community health center, a
hospital outpatient department, a hospital emergency room, an urgent care center, or some
other kind of place?

        <1> DOCTOR'S OFFICE (include: CHIROPRACTOR
        <2> A PUBLIC HEALTH CLINIC OR COMMUNITY HEALTH CENTER
        <3> A HOSPITAL OUTPATIENT DEPARTMENT
        <4> A HOSPITAL EMERGENCY ROOM
        <5> AN URGENT CARE CENTER

        <7> FAMILY MEMBER/FRIENDS
        <8> HERBALIST, HOLISTIC MEDICAL PERSON, ETC
        <9> INTERNET, PRINTED MATERIAL, ETC

         6  SPECIFY  [#specify]
        <90> OTHER: MISCELLANEOUS (include: ALL OF THE ABOVE, MORE ONE RESPONSE, ETC)

        <98>DO NOT KNOW
        <99>REFUSED QUESTION

         @




>nchrt3<

 Thinking about getting primary care, how easy or difficult is it for you to get appointments
for routine primary care such as annual physicals, tests or other routine treatments?

 Would you say very easy, somewhat easy, somewhat difficult, or very difficult?

        <1> VERY EASY
        <2> SOMEWHAT EASY
        <3> SOME DIFFICULT
        <4> VERY DIFFICULT

        <8> DO NOT KNOW
        <9> REFUSED QUESTION

        @

>nchrt3a<  [if I1 ge <5> and  chrt2 ge <5> goto conditions]  [if I1 ge <5> goto conditions]

  Have you ever been told by a  [bold] primary care [n]  doctor or other primary health care
provider that they did  [bold] not [n]  accept your  [bold] current [n]  insurance or are not
taking new patients covered by your  [bold] current [n]  insurance?

        <1> YES
        <2> NO

        <8> DO NOT KNOW
        <9> REFUSED QUESTION

        @

>conditions<  [allow 2]  [store <0> in conditions]
              [if nchart4a eq <1>]  [add <1> to conditions]  [endif]
              [if nchart4b eq <1>]  [add <1> to conditions]  [endif]
              [if nchart4c eq <1>]  [add <1> to conditions]  [endif]
              [#if nchart4d eq <1>]  [#add <1> to conditions]  [#endif]
              [if nchart4e eq <1>]  [add <1> to conditions]  [endif]
```

```
                [if nchart4f eq <1>]  [add <1> to conditions]  [endif]
                [if nchart4g eq <1>]  [add <1> to conditions]  [endif]

>healthy<

   [if conditions eq <0>]
  About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional for routine health care?
   [endif]
   [if conditions ge <1>]
  About how many times in the past 12 months have you seen a doctor, nurse, or other
healthcare professional for  [bold] routine health care [n] ?

  Please do not include any visits to a doctor, nurse, or other health professional for any
of the health conditions I asked you about earlier.
   [endif]

        <0> 0 TIMES
        <1-30> TIMES

        <98> DO NOT KNOW
        <99> REFUSED

         @

>nchart5<

 Thinking about getting  [bold] specialty [n]  or seeing a specialist, how easy or difficult
 is it for you to get appointments with specialists?

 Would you say very easy, somewhat easy, somewhat difficult, or very difficult?

        <1> VERY EASY
        <2> SOMEWHAT EASY
        <3> SOME DIFFICULT
        <4> VERY DIFFICULT

        <7> HAVE NOT HAD TO ARRANGE SPECIALTY CARE [goto H6]

        <8> DO NOT KNOW
        <9> REFUSED QUESTION

        @


>nchrt5a<  [if I1 ge <5> and  chrt2 ge <5> goto H6]  [if I1 ge <5> goto H6]

  Have you ever been told by a  [bold] specialist's office  [n]  that they did  [bold] not
[n]  accept your  [bold] current [n]  insurance or are not taking new patients covered by
your  [bold] current [n]  insurance?

        <1> YES
        <2> NO

        <8> DO NOT KNOW
        <9> REFUSED QUESTION

        @


>H6<

  In the past  [bold] six months [n]  (that is since last  [fill timeperiod] ), have you ever
[bold] not [n]  sought medical care even when you needed it or thought you should get it?

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

```
        <8> DO NOT KNOW [goto ocare]
        <9> REFUSED QUESTION [goto ocare]
         @


>H6a<

  Why didn't you get medical care?

          <1> COST/COULD NOT AFFORD CARE/MONEY
          <2> NO HEALTH INSURANCE/TOO EXPENSIVE USE HEALTH INSURANCE:
                 HIGH CO-PAYS/DEDUCTIBLES, ETC
          <3> DON'T LIKE/TRUST DOCTORS/FEAR
          <4> THOUGHT GET BETTER ON OWN/PROBLEM NOT SEVERE
          <5> DON'T BELIEVE IN DOCTORS/BELIEVE IN SELF HEALING
          <7> TRANSPORTATION ISSUES
          <8> DON'T HAVE DOCTOR/CLINIC/ETC


           0 REASON DID NOT GET CARE: SPECIFY [#specify]
          <90> OTHER: MISCELLANEOUS

          <98>DO NOT KNOW
          <99>REFUSED QUESTION
           @


>ocare<

  On March 23, 2010 the Affordable Health Care Act became law.  Do you think the passage of
this law will make your access to health care much better or easier, somewhat better or
easier, have no effect, somewhat worse or harder, or much worse or harder?

        <1> MUCH BETTER OR EASIER
        <2> SOMEWHAT BETTER OR EASIER
        <3> HAVE NO EFFECT
        <4> SOMEWHAT WORSE OR HARDER
        <5> MUCH WORSE OR HARDER

         <8> DO NOT KNOW
        <9> REFUSED

           @

>CD3<   [settime chartstop]

    Finally, I have a few additional background questions. 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> DO NOT KNOW
              <99> REFUSED QUESTION

               @

>CD5a<

   Are you of Hispanic, Latino, or Spanish origin?

              <1> YES-HISPANIC/LATINO/SPANISH ORIGIN
              <5> NO- [bold] NOT [n] HISPANIC/LATINO/SPANISH ORIGIN

              <8> DO NOT KNOW
              <9> REFUSED 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 BLACK OR AFRICAN AMERICAN
       @c HAWAIIAN OR OTHER PACIFIC ISLANDER
       @d ASIAN
       @e AMERICAN INDIAN OR ALASKA NATIVE
       @f Other
       @g REFUSED QUESTION

       [nodata button <DONE>] @done

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

>CD6< [optionbuttons on hide textbox hide codes]

   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
              <1> CATHOLIC; ROMAN CATHOLIC, ORTHODOX
              <2> ISLAMIC/MUSLIM
              <3> JEWISH
              <4> PROTESTANT (include: Baptist, Methodist, Lutheran, Episcopalian, etc)
              <5> OTHER [bold] NON [n] -CHRISTIAN (include: Universal Unitarian, Hindu, Druid)
              <6> OTHER CHRISTIAN (include: Jehovah Witness, Mormon, 7th Day Adventist, etc)
             <97> UNABLE TO CLASSIFY

              90 [#specify] SPECIFY: OTHER

             <98>DO NOT KNOW
             <99>REFUSED 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> DO NOT KNOW
                <9> REFUSED 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> DO NOT KNOW
                <9> REFUSED 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> DO NOT KNOW
                <9> REFUSED 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> DO NOT KNOW
                <9> REFUSED 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> DO NOT KNOW
                <9> REFUSED QUESTION

                @a

                 [if P17@a eq <1>]

   Would you consider yourself very conservative or somewhat conservative?

                <1> VERY CONSERVATIVE
                <2> SOMEWHAT CONSERVATIVE

                <8> DO NOT KNOW
                <9> REFUSED QUESTION

                @b

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

     Would you consider yourself very liberal or somewhat liberal?

                <7> VERY LIBERAL
                <6> SOMEWHAT LIBERAL

                <8> DO NOT KNOW
                <9> REFUSED 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> DO NOT KNOW
                <9> REFUSED 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<

  What is your marital status?

  (Are you currently married, divorced, separated, widowed, 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]  SPECIFY: OTHER
          <7> UNABLE TO CLASSIFY
          <8> DO NOT KNOW
          <9> REFUSED QUESTION

           @

>height<

   About how tall are you  [bold] without [n]  shoes?


                     <4> 4 FEET
                     <5> 5 FEET
                     <6> 6 FEET

                     <8> DO NOT KNOW
                     <9> REFUSED         @a

                     <0> 0 INCHES
                     <1> 1 INCH
                     <2> 2 INCHES
                     <3> 3 INCHES
                     <4> 4 INCHES
                     <5> 5 INCHES
                     <6> 6 INCHES
                     <7> 7 INCHES
                     <8> 8 INCHES
                     <9> 9 INCHES
                    <10> 10 INCHES
                    <11> 11 INCHES

                     <98> DO NOT KNOW
                     <99> REFUSED       @b


>weight<

   About how much do you weight  [bold] without [n]  shoes?

                   <90-350> POUNDS

                     <8> DO NOT KNOW
                     <9> REFUSED

                     @


>CD10<

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

       @  NUMBER OF ADULTS
```

```
            [red] IWER: USE '9' FOR DON'T KNOW OR REFUSED [n]

            [red] DOUBLE CLICK ON ANSWER TO ADVANCE SCREEN [n]

         [@]
         [listbox ListBox1]
         [choices are <1><2><3><4><5><6><7><9>]
         [allow 1]


>CD11<   [allow 1]  [if chrt1c eq <5>]  [store <0> in CD11]  [goto UN1]  [endif]

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

        @   NUMBER OF CHILDREN

            [red] IWER: USE '9' FOR DONT KNOW OR REFUSED [n]

            [red] DOUBLE CLICK ON ANSWER TO ADVANCE SCREEN [n]

         [@]
         [listbox ListBox2]
         [choices are <0><1><2><3><4><5><6><7><9>]



>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> DO NOT KNOW
            <9> REFUSED QUESTION

            @

>UN2<

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

            <1> YES
            <5> NO

            <8> DO NOT KNOW
            <9> REFUSED 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> DO NOT KNOW
            <9> REFUSED QUESTION

            @



>inca<    [loc 20/1]

   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 2009?

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

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

                 @

>incb< [optionbuttons on hide textbox hide codes]

   Was it less than $20,000?

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

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

>incca< [optionbuttons on hide textbox hide codes]

  What is less than $30,000?

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

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

>incc<   [optionbuttons on hide textbox hide codes]

   Was it less than $10,000?

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

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

                 @

>incd<   [optionbuttons on hide textbox hide codes]

   Was it $60,000 or more?

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

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

>incf<   [optionbuttons on hide textbox hide codes]

   Was it $50,000 or more?

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

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

>incg<   [optionbuttons on hide textbox hide codes]

Was it more than $100,000?

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

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

>inch<   [optionbuttons on hide textbox hide codes]

  Was it more than $70,000?

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

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

                  @

>incha<   [optionbuttons on hide textbox hide codes]

  Was it more than $90,000?

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

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

              @

>inci<   [optionbuttons on hide textbox hide codes]

   Was it more than $150,000?

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

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

                 @

>income<   [allow 1]

>CD26<

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

        @ NUMBER OF PHONE NUMBERS

        [red] IWER: USE '9' FOR DON'T KNOW OR REFUSED [n]

        [red] DOUBLE CLICK ON ANSWER TO ADVANCE SCREEN [n]

        [@]
        [listbox ListBox3]
        [choices are <1><2><3><4><5><6><7><9>]
        [allow 1]

>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] SPECIFY: OTHER
        <7> UNABLE TO CLASSIFY
        <8> DO NOT KNOW
        <9> REFUSED QUESTION

         @

>longMI<

  For how many years have you lived in the State of Michigan?

        <0>   LESS THAN ONE YEAR
        <1-80> 1 - 80 YEARS
        <81>   MORE THAN 80 YEARS

        <98>   DO NOT KNOW
        <99>   REFUSED

         @

>ownship<
   Do you currently rent a home or apartment, live with family or friends [bold] without [n] paying rent, live in public housing, or do you own your home?

    [red] [bold] IWER: PAYING ON MORTGAGE = OWN YOUR OWN HOME [n]

        <1> RENT HOME OR APARTMENT -(include any situation money changes
            hands, boarding house, co-op, etc)

        <2> [goto cook6] LIVE WITH FAMILY/FRIENDS - WITHOUT PAYING RENT
        <3> LIVE IN PUBLIC HOUSING
        <4> OWN HOME: INCLUDES PAYING ON MORTGAGE (include: mobile home, modular
            home, etc)

         0   [goto cook6] OTHER: SPECIFY [#specify]
        <7> OTHER: MISCELLANEOUS
        <8> [goto cook6] DO NOT KNOW
        <9> [goto cook6] REFUSED THIS QUESTION
         @

>cook7<

   In the last 3 months, have you been late on your rent or house payments by more than 30 days?

        <1> YES BEEN LATE 30 DAYS
        <2> NO, HAVE NOT BEEN LATE
        <3> OWN HOME/NO PAYMENTS

        <8> DO NOT KNOW
        <9> REFUSED THIS QUESTION

        @

>cook6<

  Do you plan to file for personal bankruptcy in the next 3 months?

```
          <1> YES
          <2> NO

          <8> DO NOT KNOW
          <9> REFUSED THIS QUESTION

          @


>hc1<

  Do you have any serious plans to move out of the state of Michigan in the  [bold] near [n]
future, that is, within the next 2 to 3 years?

          <1> YES [goto hc3a]
          <5> NO

          <8> DO NOT KNOW
          <9> REFUSED QUESTION

           @

>hc2<

   Do you have plans to move out of the state of Michigan in the  [bold] distant [n]  future,
that is, more than 3 years from now?

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

          <8> DO NOT KNOW
          <9> REFUSED QUESTION

           @

>hc3a<  [if hc1 eq <9> and hc2 eq <9> goto zipcode]

   What are some of the reasons why you plan to move out of Michigan?

           <1> RETIREMENT
           <2> JOB OPPORTUNITY ELSEWHERE
           <3> RELOCATION CURRENT JOB
           <4> BETTER SCHOOLS
           <5> BETTER/MORE ENJOYABLE CLIMATE
           <6> BETTER SOCIAL LIFE
           <7> BETTER/AFFORDABLE HOUSING
           <8> FAMILY ISSUES/MATTERS
           <9> RELATIONSHIP/MARRIAGE/ETC
            0  OTHER: SPECIFY [#specify]
          <10> ECONOMY/ECONOMIC OUTLOOK/NO JOBS
          <11> HIGH MICHIGAN TAXES/COST OF LIVING
          <12> TIME FOR A CHANGE

          <90> OTHER: MISCELLANEOUS REASONS

           <98>  [goto zipcode] DO NOT KNOW
           <99>  [goto zipcode] REFUSED QUESTION

            @

>hc3b<

  Any other reasons (why you are planning to move out of Michigan?)

    SECOND MENTION:

           <1> RETIREMENT
           <2> JOB OPPORTUNITY ELSEWHERE
           <3> RELOCATION CURRENT JOB
```

```
        <4> BETTER SCHOOLS
        <5> BETTER/MORE ENJOYABLE CLIMATE
        <6> BETTER SOCIAL LIFE
        <7> BETTER/AFFORDABLE HOUSING
        <8> FAMILY ISSUES/MATTERS
        <9> RELATIONSHIP/MARRIAGE/ETC
         0  OTHER: SPECIFY [#specify]
       <10> ECONOMY/ECONOMIC OUTLOOK/NO JOBS
       <11> HIGH MICHIGAN TAXES/COST OF LIVING
       <12> TIME FOR A CHANGE
       <13> POLITICS/GOVERNOR/LEGISLATURE

       <90> OTHER: MISCELLANEOUS REASONS

        <95>  [red]  [bold]  [goto zipcode]  NO MORE MENTION  [n]
        <98>  [goto zipcode] DO NOT KNOW
        <99>  [goto zipcode] REFUSED QUESTION

         @b


>hc3c<

   Any other reasons (why you are planning to move out of Michigan?)

      THIRD MENTION:

            <1> RETIREMENT
            <2> JOB OPPORTUNITY ELSEWHERE
            <3> RELOCATION CURRENT JOB
            <4> BETTER SCHOOLS
            <5> BETTER/MORE ENJOYABLE CLIMATE
            <6> BETTER SOCIAL LIFE
            <7> BETTER/AFFORDABLE HOUSING
            <8> FAMILY ISSUES/MATTERS
            <9> RELATIONSHIP/MARRIAGE/ETC
             0  OTHER: SPECIFY [#specify]
           <10> ECONOMY/ECONOMIC OUTLOOK/NO JOBS
           <11> HIGH MICHIGAN TAXES/COST OF LIVING
           <12> TIME FOR A CHANGE
           <13> POLITICS/GOVERNOR/LEGISLATURE

           <90> OTHER: MISCELLANEOUS REASONS

            <95>  [red]  [bold]  NO MORE MENTION    [n]
            <98>  [goto hc4] DO NOT KNOW
            <99>  [goto hc4] REFUSED QUESTION

             @c


>hc4<

  Of the reasons you gave me, which is the  [bold] main [n]  or  [bold] most important [n]
  reason for moving out of Michigan?

            <1> RETIREMENT
            <2> JOB OPPORTUNITY ELSEWHERE
            <3> RELOCATION CURRENT JOB
            <4> BETTER SCHOOLS
            <5> BETTER/MORE ENJOYABLE CLIMATE
            <6> BETTER SOCIAL LIFE
            <7> BETTER/AFFORDABLE HOUSING
            <8> FAMILY ISSUES/MATTERS
            <9> RELATIONSHIP/MARRIAGE/ETC
           <10> ECONOMY/ECONOMIC OUTLOOK/NO JOBS
           <11> HIGH MICHIGAN TAXES/COST OF LIVING
           <12> TIME FOR A CHANGE
```

```
          <13> POLITICS/GOVERNOR/LEGISLATURE

          <90> OTHER: MISCELLANEOUS REASONS


           0  OTHER: SPECIFY  [#specify]

          <98> DO NOT KNOW
          <99> REFUSED QUESTION

           @

>zipcode<  [allow 5]

  What is your zip code?


        (IF R ASKS WHY:  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.)

          ZIP CODE - 48000 - 49999

         <8> DO NOT KNOW
         <9> REFUSED QUESTION

          @

    [@]  <48000-49999> ZIPPY CODE


>RI<

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

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

                <8> DO NOT KNOW
                <9>  [goto out]  REFUSED QUESTION

                @

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

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


                @

>email<

  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<  [subtime cookstart from cookstop into cook]
       [subtime cook1start from cook1stop into cookt1]
       [subtime chartstart from chartstop into chart]
       [subtime infostart from infostop into info]

>contacts<  [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]
```

13. SPSS COMMANDS

```
TITLE "Michigan State of the State 57".
DATA LIST fixed records=4
  FILE="q:\msusos57\productn\recall\c-inst\rec57.dat"
 /1          CASEID 1-5              ID1 1-5 (A)              R1 6 (A)
            cnty 7-11 (A)          regn 12 (A)          newreg5 13 (A)
            listed 14 (A)          CC1 15                  CC2 16
                CC3 17              CC4 18                  CC5 19
                CC6 20              cook1 21            cook1a 22-24
          cook1b 25-27             cook2 28            cook2a 29-31
          cook2b 32-34             cook3 35               cook5 36
                CD1 37              CD2 38-39            CD15 40-41
              ret7 42              ret8a 43              ret8b 44
              ret8c 45              ret8d 46            ret8e 47-48
                PO1 49              PO2 50                  si1 51
                si2 52              si3 53                  si4 54
                si5 55              si6 56                  si7 57
                si8 58              si9 59                 si10 60
              si11 61             si12 62                 si13 63
              si14 64             si15 65                 si16 66
             si17 67-68            HS1 69             nchart4a 70
          nchart4aa 71-72       nchart4b 73          nchart4bb 74-75
 /2         nchart4c 1          nchart4cc 2-3           nchart4e 7
          nchart4ee 8-9          nchart4f 10          nchart4ff 11-12
            nchart4g 13         nchart4gg 14-15             I1 16
               I1a 17             I2 18-19               chrt1c 20
              chrt2 21            chrt2a 22              chrt2b 23
              chrt2c 24            nchrt1 25             nchrt2 26-27
             nchrt3 28            nchrt3a 29            healthy 32-33
           nchart5 34            nchrt5a 35                 H6 36
               H6a 37-38          ocare 39                CD3 40-41
               CD5a 42            CD4@a 43                CD4@b 44
              CD4@c 45            CD4@d 46                CD4@e 47
              CD4@f 48            CD4@g 49                CD6 50-51
              CD7@a 52            CD7@b 53               CD7@c 54
              CD7@d 55           partyid 56              P17@a 57
             P17@b 58            P17@c 59                P17@d 60
           ideology 61            CD8 62              height@a 63
          height@b 64-65         weight 66-68           CD10 69 (A)
             CD11 70 (A)            UN1 71                 UN2 72
               UN3 73
 /3             inca 1              incb 2                incca 3
               incc 4              incd 5                 incf 6
               incg 7              inch 8                incha 9
               inci 10            CD26 12 (A)              X1 13
            longMI 14-15         ownship 16              cook7 17
              cook6 18             hc1 19                 hc2 20
               hc3a 21-22       hc3b@b 23-24            hc3c@c 25-26
               hc4 27-28         zipcode 29-33 (A)
 /4   contacts 16-17 (A)         length 18-21 (A)        idate 22-29 (A)
             iwer 30-32 (A)        males 33-34 (A)       females 35-36 (A)

    .

VARIABLE LABELS
   CASEID    'case identification number' /
   ID1       'Case ID' /
   R1        'Data Record' /
   cnty      'County Code' /
   regn      '1 upper pen' /
   listed    '1=listed 2=unlisted' /
   CC1       'Past Financial' /
   CC2       'Future Financial' /
   CC3       'Current Financial' /
   CC4       'Inflation Rate' /
   CC5       'Unemployement Rate' /
   CC6       'Business Conditions' /
   cook1     'Income Past 3 Months' /
   cook1a    'Percent Increased Past 3 Months' /
```

```
cook1b     'Percent Decreased Past 3 Months' /
cook2      'Income Next 3 Months' /
cook2a     'Percent Increase Next 3 Months' /
cook2b     'Percent Decrease Next 3 Months' /
cook3      'Monthly Household Budget' /
cook5      'Change Monthly Budget' /
CD1        'Sex' /
CD2        'Year Born' /
CD15       'Employment Status' /
ret7       'Changed Retirment Plans Past Two Years' /
ret8a      'Changed Plans: Delayed/Postpone Retirement' /
ret8b      'Changed Plans: Retired Earlier' /
ret8c      'Decided to invest or save more for retirement?' /
ret8d      'Changed Plans: Changed Investment Portfolio' /
ret8e      'Changed Plans: Other Ways' /
PO1        'Obama Rating' /
PO2        'Granholm Rating' /
si1        'Importance: Internet' /
si2        'Importance: Ethnic Associations' /
si3        'Importance: Local Grass Roots' /
si4        'Importance: Lobbyists' /
si5        'Importance: Mainstream Media' /
si6        'Importance: Racial or Ethnic Oriented Media' /
si7        'Importance: State Government Agencies/Departments' /
si8        'Importance: The Governor''s Office' /
si9        'Importance: Business and Industry' /
si10       'Importance: Constituents' /
si11       'Urban - Rural' /
si12       'Low-Middle-High Income Communities' /
si13       'White Communities-Communities Color' /
si14       'Democratic-Republican-Independent' /
si15       'Caucasian-African American-Latino' /
si16       'Provide Information: Format' /
si17       'Delivery of Information' /
HS1        'General Health' /
nchart4a  'Told: Coronary/Heart Disease' /
nchart4aa 'Times See Heath Pro: Coronary/Heart Disease' /
nchart4b  'Told: Cancer' /
nchart4bb 'Times See Heath Pro: Cancer' /
nchart4c  'Told: Diabetes' /
nchart4cc 'Times See Heath Pro: Diabetes' /
nchart4e  'Told: Asthma' /
nchart4ee 'Times See Heath Pro: Asthma' /
nchart4f  'Told: Depression' /
nchart4ff 'Times See Heath Pro: Depression' /
nchart4g  'Told: Osteoarthritis' /
nchart4gg 'Times See Heath Pro: Osteoarthritis' /
I1         'Have Health Insurance' /
I1a        'Lost Health Coverage Past 12 Months' /
I2         'Source Health Insurance' /
chrt1c     'Children Under 19' /
chrt2      'Covered State Insurance Program' /
chrt2a     'Covered Medicaid' /
chrt2b     'Covered MIChild' /
chrt2c     'Covered Healthy Kids' /
nchrt1     'Have Doctor/Health Care Professional' /
nchrt2     'Main Source Health Care/Information' /
nchrt3     'Ease Getting Primary Care' /
nchrt3a    'Told Primary Care Not Accept Insurance' /
healthy    'Times Seen Health Pro Routine Care' /
nchart5    'Ease Speciality Care' /
nchrt5a    'Told Specialist Not Accept Insurance' /
H6         'Not Sought Care' /
H6a        'Reason Did Not Seek Care' /
ocare      'Obama HealthCare Impact' /
CD3        'Education' /
CD5a       'Ethnicity' /
CD4@a      'Race: White/Caucasian' /
CD4@b      'Race: Black-African American' /
```

```
    CD4@c       'Race: Hawaiian-Pacific Islander' /
    CD4@d       'Race: Asian' /
    CD4@e       'Race: American Indian' /
    CD4@f       'Race: Other' /
    CD4@g       'Race: Refused' /
    CD6         'Religious Background' /
    CD7@a       'Political Association' /
    CD7@b       'Republican' /
    CD7@c       'Democrat' /
    CD7@d       'Independent' /
    partyid     'Party ID' /
    P17@a       'Political Ideology' /
    P17@b       'Conservative' /
    P17@c       'Liberal' /
    P17@d       'Middle Ideology' /
    ideology    'Ideology' /
    CD8         'Marital Status' /
    height@a    'Height - Feet' /
    height@b    'Height - Inches' /
    weight      'Weight' /
    CD10        'Adults HH' /
    CD11        'Children HH' /
    UN1         'Union Member' /
    UN2         'Past Union Member' /
    UN3         'Union Family' /
    inca        'Income $40,000 or More' /
    incb        'Income Less $20,000' /
    incca       'Income Less $30,000' /
    incc        'Income Less $10,000' /
    incd        'Income $60,000 More' /
    incf        'Income $50,000 More' /
    incg        'Income $100,000 More' /
    inch        'Income $70,000 More' /
    incha       'Income $90,000 More' /
    inci        'Income $150,000 More' /
    CD26        'Phone Numbers' /
    X1          'Type Community' /
    longMI      'Legnth Lived Michigan' /
    ownship     'Home Ownership' /
    cook7       'Late Rent/Mortgage Payments' /
    cook6       'Plan File Bankruptcy' /
    hc1         'Plans Move Michigan Near Future' /
    hc2         'Plan Move Michigan Distant Future' /
    hc3a        'Reason Leave MI: 1st Mention' /
    hc3b@b      'Reason Leave MI: 2nd Mention' /
    hc3c@c      'Reason Leave MI: 3rd Mention' /
    hc4         'Main Reason Leave MI' /
    zipcode     'Zip Code' /
    contacts    'Contacts' /
    length      'Interview Length' /
    idate       'Interview Date' /
    iwer        'Interviewer' /
    .

VALUE LABELS
    regn        '1' 'upper pen' '2' 'northern' '3' 'west central'
                '4' 'east central' '5' 'southwest' '6' 'southeast' '7' 'Detroit'
                /
    listed      '1' 'listed' '2' 'unlisted' /
    CC1         1 'BETTER OFF' 2 'ABOUT THE SAME (R PROVIDED)' 3 'WORSE OFF'
                8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
    CC2         1 'BETTER OFF' 2 'ABOUT THE SAME (R PROVIDED)' 3 'WORSE OFF'
                8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
    CC3         1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'
                8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
    CC4         1 'GO UP' 2 'GO DOWN' 3 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'
                9 'REFUSED QUESTION' /
    CC5         1 'BETTER THAN' 2 'WORSE THAN' 3 'ABOUT THE SAME'
                8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
```

```
CC6        1 'GOOD TIMES' 2 'BAD TIMES'
           3 'NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME(R PROVIDED)'
           8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
cook1      1 'INCREASED PAST 3 MONTHS' 2 'DECREASED PAST 3 MONTHS'
           3 'STAYED THE SAME' /
cook1a     0 'PERCENT' 100 'PERCENT' 998 'DO NOT KNOW' 999 'REFUSED' /
cook1b     0 'PERCENT DECREASED' 100 'PERCENT DECREASED' 998 'DO NOT KNOW'
           999 'REFUSED THIS QUESTION' /
cook2      1 'INCREASED NEXT 3 MONTHS' 2 'DECREASED NEXT 3 MONTHS'
           3 'STAYED THE SAME' /
cook2a     0 'PERCENT' 100 'PERCENT' 998 'DO NOT KNOW' 999 'REFUSED' /
cook2b     0 'PERCENT INCREASE' 100 'PERCENT INCREASE' 998 'DO NOT KNOW'
           999 'REFUSED THIS QUESTION' /
cook3      1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
cook5      1 'EVERY MONTH' 2 'EVERY COUPLE OF MONTHS' 3 'FEW TIMES A YEAR'
           4 'ONCE A YEAR' 5 'NEVER' 8 'DO NOT KNOW'
           9 'REFUSED THIS QUESTION' /
CD1        1 'MALE' 5 'FEMALE' /
CD2        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'
           6 'UNEMPLOYED, LAID OFF, LOOK FOR WORK (SEASONAL)' 7 'RETIRED'
           8 'SCHOOL FULL TIME' 9 'HOMEMAKER' 10 'DISABLED'
           90 'MISCELLANEOUS: OTHER' 98 'DO NOT KNOW'
           99 'REFUSED THIS QUESTION' /
ret7       1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
ret8a      1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
ret8b      1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
ret8c      1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
ret8d      1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
ret8e      2 'HAVE NOT CHANGED OTHER WAYS'
           3 'INVEST LESS IN RETIREMENT ACCOUNTS, REDUCED'
           4 'WITHDRAWN RETIREMENT RESOUCES/FUNDS/ETC'
           5 'CHANGED INVESTMENT OPTIONS: SAFER RETURN, GUARANTEED RETURNS'
           6 'SOLD, SELLING PROPERTY, ETC' 90 'OTHER: MISCELLANEOUS'
           98 'DO NOT KNOW' 99 'REFUSED THIS QUESTION' /
PO1        1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED QUESTION' /
PO2        1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
           9 'REFUSED QUESTION' /
si1        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si2        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si3        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si4        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si5        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si6        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si7        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si8        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
```

```
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si9        1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si10       1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
           3 'NEUTRAL/NEITHER R: VOLUNTEERED RESPONSE'
           4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
           9 'REFUSED' /
si11       1 'URBAN AREAS' 2 'RURAL AREAS' 7 'EQUALLY LIKELY: R VOLUNTEERS'
           8 'DO NOT KNOW' 9 'REFUSED' /
si12       1 'LOW INCOME COMMUNITIES' 2 'MIDDLE INCOME COMMUNITIES'
           3 'HIGH INCOME OR WEALTHY COMMUNITIES'
           7 'EQUALLY LIKELY: R VOLUNTEERS' 8 'DO NOT KNOW' 9 'REFUSED' /
si13       1 'PREDOMINANTLY WHITE COMMUNITIES' 2 'COMMUNITIES OF COLOR'
           7 'EQUALLY LIKELY: R VOLUNTEERS' 8 'DO NOT KNOW' 9 'REFUSED' /
si14       1 'DEMOCRATIC LEGISLATORS' 2 'REPUBLICAN LEGISLATORS'
           3 'INDEPENDENT LEGISLATOR' 7 'EQUALLY LIKELY: R VOLUNTEERS'
           8 'DO NOT KNOW' 9 'REFUSED' /
si15       1 'CAUCASIAN LEGISLATORS' 2 'AFRICAN AMERICAN LEGISLATORS'
           3 'LATINO OR HISPANIC LEGISLATORS'
           7 'EQUALLY LIKELY: R VOLUNTEERS' 8 'DO NOT KNOW' 9 'REFUSED' /
si16       1 'ONE OR TWO PAGE FACT SHEET' 2 'A DETAILED REPORT'
           3 'IN PERSON (FACE TO FACE), BY PHONE, ETC'
           5 'WRITTEN AND FACE-TO-FACE' 6 'OTHER: MISCELLANEOUS'
           8 'DO NOT KNOW' 9 'REFUSED' /
si17       1 'EMAIL' 2 'US MAIL' 3 'TELEPHONE' 4 'IN PERSON'
           5 'ALL METHODS' 6 'OTHER: MISCELLANEOUS' 98 'DO NOT KNOW'
           99 'REFUSED' /
HS1        1 'EXCELLENT' 2 'VERY GOOD' 3 'GOOD' 4 'FAIR' 5 'POOR'
           8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
nchart4a  1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nchart4aa 0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
nchart4b  1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nchart4bb 0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
nchart4c  1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nchart4cc 0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
nchart4e  1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nchart4ee 0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
nchart4f  1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nchart4ff 0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
nchart4g  1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
nchart4gg 0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
I1         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
I1a        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
I2         1 'MEDICARE - (Usually insurance for elderly, retirees)'
           2 'MEDICAID - (Usually insurance for poor,disabled, etc)'
           3 'ANOTHER GOVERNMENT INSURANCE - (CHAMPUS - Military)'
           4 'EMPLOYER OR UNION - Respondent or family member'
           5 'INDIVIDUALLY PURCHASED PRIVATE PLAN'
           6 'BOTH - MEDICARE AND MEDICAID - DUAL ELIGIBLE'
           90 'MISCELLANEOUS:OTHER' 98 'DO NOT KNOW' 99 'REFUSED QUESTION'
           /
chrt1c     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
chrt2      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
chrt2a     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
chrt2b     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
chrt2c     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
nchrt1     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
nchrt2     1 'DOCTOR''S OFFICE (include: CHIROPRACTOR'
           2 'A PUBLIC HEALTH CLINIC OR COMMUNITY HEALTH CENTER'
           3 'A HOSPITAL OUTPATIENT DEPARTMENT'
           4 'A HOSPITAL EMERGENCY ROOM' 5 'AN URGENT CARE CENTER'
           7 'FAMILY MEMBER/FRIENDS'
           8 'HERBALIST, HOLISTIC MEDICAL PERSON, ETC'
           9 'INTERNET, PRINTED MATERIAL, ETC' 90 'OTHER:MISCELLANEOUS'
           98 'DO NOT KNOW' 99 'REFUSED QUESTION' /
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nchrt3      1 'VERY EASY' 2 'SOMEWHAT EASY' 3 'SOME DIFFICULT'
            4 'VERY DIFFICULT' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
nchrt3a     1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
healthy     0 '0 TIMES' 1 'TIMES' 30 'TIMES' 98 'DO NOT KNOW' 99 'REFUSED' /
nchart5     1 'VERY EASY' 2 'SOMEWHAT EASY' 3 'SOME DIFFICULT'
            4 'VERY DIFFICULT' 7 'HAVE NOT HAD TO ARRANGE SPECIALTY CARE'
            8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
nchrt5a     1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
H6          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
H6a         1 'COST/COULD NOT AFFORD CARE/MONEY'
            2 'NO HEALTH INSURANCE/TOO EXPENSIVE USE HEALTH INSURANCE:'
            3 'DON''T LIKE/TRUST DOCTORS/FEAR'
            4 'THOUGHT GET BETTER ON OWN/PROBLEM NOT SEVERE'
            5 'DON''T BELIEVE IN DOCTORS/BELIEVE IN SELF HEALING'
            7 'TRANSPORTATION ISSUES' 8 'DON''T HAVE DOCTOR/CLINIC/ETC'
            90 'OTHER: MISCELLANOUS' 98 'DO NOT KNOW' 99 'REFUSED QUESTION'
            /
ocare       1 'MUCH BETTER OR EASIER' 2 'SOMEWHAT BETTER OR EASIER'
            3 'HAVE NO EFFECT' 4 'SOMEWHAT WORSE OR HARDER'
            5 'MUCH WORSE OR HARDER' 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 QUESTION' /
CD5a        1 'YES-HISPANIC/LATINO/SPANISH ORIGIN'
            5 'NO-NOT HISPANIC/LATINO/SPANISH ORIGIN' 8 'DO NOT KNOW'
            9 'REFUSED QUESTION' /
CD4@a       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
CD4@b       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
CD4@c       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
CD4@d       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
CD4@e       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
CD4@f       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
CD4@g       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
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: Universal Unitarian, Hindu, Dr'
            6 'OTHER CHRISTIAN (include: Jehovah Witness, Mormon, 7th Day A'
            97 'UNABLE TO CLASSIFY' 98 'DO NOT KNOW' 99 'REFUSED QUESTION' /
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     0 'OTHER: NO PARTY ID' 1 'STRONG REPUBLICAN'
            2 'NOT STRONG REPUBLICAN' 3 'LEAN REPUBLICAN'
            4 'INDEPENDENT-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    0 'OTHER: NO IDEOLOGY' 1 'VERY CONSERVATIVE'
            2 'SOMEWHAT CONSERVATIVE' 3 'LEAN CONSERVATIVE' 4 'MIDDLE'
```

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              5 'LEAN LIBERAL' 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL'
              8 'DO NOT KNOW' 9 'REFUSED' /
CD8           1 'MARRIED, REMARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'
              5 'MEMBER OF AN UNMARRIED COUPLE' 6 'SINGLE, NEVER BEEN MARRIED'
              7 'UNABLE TO CLASSIFY' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
height@a      4 '4 FEET' 5 '5 FEET' 6 '6 FEET' 8 'DO NOT KNOW' 9 'REFUSED' /
height@b      0 '0 INCHES' 1 '1 INCH' 2 '2 INCHES' 3 '3 INCHES' 4 '4 INCHES'
              5 '5 INCHES' 6 '6 INCHES' 7 '7 INCHES' 8 '8 INCHES' 9 '9 INCHES'
              10 '10 INCHES' 11 '11 INCHES' 98 'DO NOT KNOW' 99 'REFUSED' /
weight        8 'DO NOT KNOW' 9 'REFUSED' 90 'POUNDS' 350 'POUNDS' /
UN1           5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
UN2           1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
UN3           1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
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' /
X1            1 'RURAL COMMUNITY' 2 'SMALL CITY OR TOWN, VILLAGE' 3 'A SUBURB'
              4 'URBAN COMMUNITY' 7 'UNABLE TO CLASSIFY' 8 'DO NOT KNOW'
              9 'REFUSED QUESTION' /
longMI        0 'LESS THAN ONE YEAR' 1 '1 - 80 YEARS' 80 '1 - 80 YEARS'
              81 'MORE THAN 80 YEARS' 98 'DO NOT KNOW' 99 'REFUSED' /
ownship       1 'RENT HOME OR APARTMENT' 3 'LIVE IN PUBLIC HOUSING'
              4 'OWN HOME: INCLUDES PAYING ON MORTGAGE'
              7 'OTHER: MISCELLANEOUS' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
cook7         1 'YES BEEN LATE 30 DAYS' 2 'NO, HAVE NOT BEEN LATE'
              3 'OWN HOME/NO PAYMENTS' 8 'DO NOT KNOW'
              9 'REFUSED THIS QUESTION' /
cook6         1 'YES' 2 'NO' 8 'DO NOT KNOW' 9 'REFUSED THIS QUESTION' /
hc1           1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
hc2           1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED QUESTION' /
hc3a          1 'RETIREMENT' 2 'JOB OPPORTUNITY ELSEWHERE'
              3 'RELOCATION CURRENT JOB' 4 'BETTER SCHOOLS'
              5 'BETTER/MORE ENJOYABLE CLIMATE' 6 'BETTER SOCIAL LIFE'
              7 'BETTER/AFFORDABLE HOUSING' 8 'FAMILY ISSUES/MATTERS'
              9 'RELATIONSHIP/MARRIAGE/ETC'
              10 'ECONOMY/ECONOMIC OUTLOOK/NO JOBS'
              11 'HIGH MICHIGAN TAXES/COST OF LIVING' 12 'TIME FOR A CHANGE'
              90 'OTHER: MISCELLANEOUS REASONS' 98 'DO NOT KNOW' 99 'REFUSED'
              /
hc3b@b        1 'RETIREMENT' 2 'JOB OPPORTUNITY ELSEWHERE'
              3 'RELOCATION CURRENT JOB' 4 'BETTER SCHOOLS'
              5 'BETTER/MORE ENJOYABLE CLIMATE' 6 'BETTER SOCIAL LIFE'
              7 'BETTER/AFFORDABLE HOUSING' 8 'FAMILY ISSUES/MATTERS'
              9 'RELATIONSHIP/MARRIAGE/ETC'
              10 'ECONOMY/ECONOMIC OUTLOOK/NO JOBS'
              11 'HIGH MICHIGAN TAXES/COST OF LIVING' 12 'TIME FOR A CHANGE'
              13 'POLITICS/GOVERNOR/LEGISLATURE'
              90 'OTHER: MISCELLANEOUS REASONS' 98 'DO NOT KNOW' 99 'REFUSED'
              /
hc3c@c        1 'RETIREMENT' 2 'JOB OPPORTUNITY ELSEWHERE'
              3 'RELOCATION CURRENT JOB' 4 'BETTER SCHOOLS'
              5 'BETTER/MORE ENJOYABLE CLIMATE' 6 'BETTER SOCIAL LIFE'
              7 'BETTER/AFFORDABLE HOUSING' 8 'FAMILY ISSUES/MATTERS'
              9 'RELATIONSHIP/MARRIAGE/ETC'
              10 'ECONOMY/ECONOMIC OUTLOOK/NO JOBS'
              11 'HIGH MICHIGAN TAXES/COST OF LIVING' 12 'TIME FOR A CHANGE'
              13 'POLITICS/GOVERNOR/LEGISLATURE'
              90 'OTHER: MISCELLANEOUS REASONS' 95 'NO MORE MENTION'
              98 'DO NOT KNOW' 99 'REFUSED' /
hc4           1 'RETIREMENT' 2 'JOB OPPORTUNITY ELSEWHERE'
              3 'RELOCATION CURRENT JOB' 4 'BETTER SCHOOLS'
              5 'BETTER/MORE ENJOYABLE CLIMATE' 6 'BETTER SOCIAL LIFE'
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                 7 'BETTER/AFFORDABLE HOUSING' 8 'FAMILY ISSUES/MATTERS'
                 9 'RELATIONSHIP/MARRIAGE/ETC'
                 10 'ECONOMY/ECONOMIC OUTLOOK/NO JOBS'
                 11 'HIGH MICHIGAN TAXES/COST OF LIVING' 12 'TIME FOR A CHANGE'
                 13 'POLITICS/GOVERNOR/LEGISLATURE'
                 90 'OTHER: MISCELLANEOUS REASONS' 98 'DO NOT KNOW'
                 99 'REFUSED QUESTION' /
       .


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  cook1 (9,8).
MISSING VALUES  cook1a (999,998).
MISSING VALUES  cook1b (999,998).
MISSING VALUES  cook2 (9,8).
MISSING VALUES  cook2a (999,998).
MISSING VALUES  cook2b (999,998).
MISSING VALUES  cook3 (9,8).
MISSING VALUES  cook5 (9,8).
MISSING VALUES  CD15 (99,98).
MISSING VALUES  ret7 (9,8).
MISSING VALUES  ret8a (9,8).
MISSING VALUES  ret8b (9,8).
MISSING VALUES  ret8c (9,8).
MISSING VALUES  ret8d (9,8).
MISSING VALUES  ret8e (99,98).
MISSING VALUES  PO1 (9,8).
MISSING VALUES  PO2 (9,8).
MISSING VALUES  si1 (9,8).
MISSING VALUES  si2 (9,8).
MISSING VALUES  si3 (9,8).
MISSING VALUES  si4 (9,8).
MISSING VALUES  si5 (9,8).
MISSING VALUES  si6 (9,8).
MISSING VALUES  si7 (9,8).
MISSING VALUES  si8 (9,8).
MISSING VALUES  si9 (9,8).
MISSING VALUES  si10 (9,8).
MISSING VALUES  si11 (9,8).
MISSING VALUES  si12 (9,8).
MISSING VALUES  si13 (9,8).
MISSING VALUES  si14 (9,8).
MISSING VALUES  si15 (9,8).
MISSING VALUES  si16 (9,8).
MISSING VALUES  si17 (99,98).
MISSING VALUES  HS1 (9,8).
MISSING VALUES  nchart4a (9,8).
MISSING VALUES  nchart4aa (99,98).
MISSING VALUES  nchart4b (9,8).
MISSING VALUES  nchart4bb (99,98).
MISSING VALUES  nchart4c (9,8).
MISSING VALUES  nchart4cc (99,98).
MISSING VALUES  nchart4e (9,8).
MISSING VALUES  nchart4ee (99,98).
MISSING VALUES  nchart4f (9,8).
MISSING VALUES  nchart4ff (99,98).
MISSING VALUES  nchart4g (9,8).
MISSING VALUES  nchart4gg (99,98).
MISSING VALUES  I1 (9,8).
MISSING VALUES  I1a (9,8).
MISSING VALUES  I2 (99,98).
MISSING VALUES  chrt1c (9,8).
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MISSING VALUES   chrt2 (9,8).
MISSING VALUES   chrt2a (9,8).
MISSING VALUES   chrt2b (9,8).
MISSING VALUES   chrt2c (9,8).
MISSING VALUES   nchrt1 (9,8).
MISSING VALUES   nchrt2 (99,98).
MISSING VALUES   nchrt3 (9,8).
MISSING VALUES   nchrt3a (9,8).
MISSING VALUES   healthy (99,98).
MISSING VALUES   nchart5 (9,8).
MISSING VALUES   nchrt5a (9,8).
MISSING VALUES   H6 (9,8).
MISSING VALUES   H6a (99,98).
MISSING VALUES   ocare (9,8).
MISSING VALUES   CD3 (99,98).
MISSING VALUES   CD5a (9,8).
MISSING VALUES   CD4@a (9,8).
MISSING VALUES   CD4@b (9,8).
MISSING VALUES   CD4@c (9,8).
MISSING VALUES   CD4@d (9,8).
MISSING VALUES   CD4@e (9,8).
MISSING VALUES   CD4@f (9,8).
MISSING VALUES   CD4@g (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   P17@a (9,8).
MISSING VALUES   P17@b (9,8).
MISSING VALUES   P17@c (9,8).
MISSING VALUES   P17@d (9,8).
MISSING VALUES   CD8 (9,8).
MISSING VALUES   height@a (9,8).
MISSING VALUES   height@b (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   X1 (9,8).
MISSING VALUES   longMI (99,98).
MISSING VALUES   ownship (9,8).
MISSING VALUES   cook7 (9,8).
MISSING VALUES   cook6 (9,8).
MISSING VALUES   hc1 (9,8).
MISSING VALUES   hc2 (9,8).
MISSING VALUES   hc3a (99,98).
MISSING VALUES   hc3b@b (99,98).
MISSING VALUES   hc3c@c (99,98).
MISSING VALUES   hc4 (99,98).
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14. WEIGHTING COMMANDS

```
* RECALL SAMPLE.
compute sample=1.
value labels sample 1 'S55 re-interviews'  2 'S57 fresh RDD'.
freq var=sample.

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.

if (regn ne newregn2)regn=newregn2.
freq var=regn listed.

weight off.
compute listwt=1.
if (sample=1 and listed=2)listwt=5.2667.
if (sample=1 and (listed=1 or listed=3))listwt=0.6963.
weight by listwt.
freq var=listed regn.

compute tempwt=listwt*10.
weight by tempwt.
*weight off.
missing values cd26 ().
frequencies variables=cd26.


*    This weights households by number of phone lines.
do if (sample=1).
compute phwt=listwt.

if (cd26 eq 1 or cd26 ge 8)phwt=1.0354*listwt.
if (cd26 eq 2)phwt=0.5177*listwt.

if (cd26 eq 3)phwt=0.3451*listwt.

if (cd26 eq 4)phwt=0.2588*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
end if.
weight by phwt.
FREQUENCIES
  VARIABLES= CD10 cd26 .

compute roundwt=10*phwt.
```

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

missing values cd10 ().
recode cd10 (sysmis=1).
compute adults=cd10.

freq var=adults cd10.
*    This adjusts weight by number of adults in the household.
do if (sample=1).
compute adltwt=phwt.
if (cd10=1)adltwt=phwt*0.5417.
if (cd10=2)adltwt=phwt*1.0835.
if (cd10=3)adltwt=phwt*1.6252.
if (cd10=4)adltwt=phwt*2.1670.
if (cd10=5)adltwt=phwt*2.7087.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*0.5417.
if (cd10=10)adltwt=phwt*1.
end if.
weight by adltwt.
freq var=cd10.

*************SAVE and THEN MAKE INITIAL PROCESSING STEPS WITH ON THE FRESH RDD SAMPLE.


compute sample=2.
value labels sample 1 'S55 re-interviews'  2 'S57 fresh RDD'.
freq var=sample.

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.

recode regn (sysmis=9).
if (regn ne newregn2)regn=newregn2.
freq var=regn listed.

weight off.
do if (sample=2).
compute listwt=1.
if (sample=2 and listed=2)listwt=6.650.
if (sample=2 and (listed=1 or listed=3))listwt=0.6861.
end if.
```

```
weight by listwt.
freq var=listed regn.

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


recode cd26 (sysmis=9).

*    This weights households by number of phone lines.
do if (sample=2).
compute phwt=listwt.

if (cd26 eq 1 or cd26 ge 8)phwt=1.0480*listwt.
if (cd26 eq 2)phwt=0.5240*listwt.

if (cd26 eq 3)phwt=0.3493*listwt.

if (cd26 eq 4)phwt=0.2620*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=0.1747*listwt.
if (cd26 eq 7)phwt=1*listwt.
end if.
weight by phwt.
FREQUENCIES
  VARIABLES= cd10  cd26.

compute roundwt=10*phwt.
weight by roundwt.
freq var=cd10.

missing values cd10 ().

recode cd10 (sysmis=1).
compute adults=cd10.

freq var=adults cd10.
*   This adjusts weight by number of adults in the household.
do if (sample=2).
compute adltwt=phwt.
if (cd10=1 or cd10=99)adltwt=phwt*0.5475.
if (cd10=2)adltwt=phwt*1.0950.
if (cd10=3)adltwt=phwt*1.6425.
if (cd10=4)adltwt=phwt*2.1900.
if (cd10=5)adltwt=phwt*2.7375.
if (cd10=6)adltwt=phwt*3.2850.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.0.
if (cd10=9)adltwt=phwt*0.5475*phwt.
if (cd10=98)adltwt=phwt*1.
end if.
weight by adltwt.
freq var=cd10.

*************SAVE and THEN MERGE RECALL FILE AND WEIGHT TO DEMOGRAPHIC CHARACTERISTICS AND POST-STRAT
CORRECT.

recode x1 (98=8)(99=9).
frequencies variables=x1.

recode cd1 cd2 (sysmis=-9).
recode cd1 (2=5).
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 92)age=109-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'.


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* 1.00.
weight by adj1.
compute ovrsamwt=adj1.
compute roundwt=ovrsamwt*10.
weight by roundwt.

frequencies variables=cd1.
*recode cd1 (1=1)(2=5).
frequencies variables=cd1.

CROSSTABS
  /TABLES=cd1 by imprace BY regn
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT.

*   This weights cases by gender, imprace and region.
compute racgenct=ovrsamwt.
if (imprace eq 1 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.1796.
if (imprace eq 2 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.8901.
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.
```

```
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.2556.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.1045.
if (imprace eq 2 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.7949.
if (imprace eq 1 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*0.9040.
if (imprace eq 2 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.9272.

if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.0587.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*7.9942.
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.5096.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.8981.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.1103.
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.1189.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.3084.
if (imprace eq 3 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.1270.
if (imprace eq 1 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.0515.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*2.6908.
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.7613.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*2.3349.
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.3369.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.6620.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*2.1585.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.9357.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.2990.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*3.3591.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.1714.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.4381.
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.8861.

if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.3497.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.2045.
if (imprace eq 3 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.0894.
if (imprace eq 1 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.5204.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.9614.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*2.1425.

weight by racgenct.
CROSSTABS
  /TABLES=cd1 by imprace BY regn
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT tot.


compute roundwt=racgenct*10.
weight by roundwt.
crosstab tables=agecat by regn/cells count.

compute agewt=racgenct.
if (agecat eq 1 and regn eq 1)agewt=racgenct*14.2324.
if (agecat eq 2 and regn eq 1)agewt=racgenct*1.
if (agecat eq 3 and regn eq 1)agewt=racgenct*10.2320.
if (agecat eq 4 and regn eq 1)agewt=racgenct*1.2841.
if (agecat eq 5 and regn eq 1)agewt=racgenct*0.3485.
if (agecat eq 6 and regn eq 1)agewt=racgenct*0.7054.
if (agecat eq 7 and regn eq 1)agewt=racgenct*0.7381.

if (agecat eq 1 and regn eq 2)agewt=racgenct*4.6437.
if (agecat eq 2 and regn eq 2)agewt=racgenct*3.3113.
if (agecat eq 3 and regn eq 2)agewt=racgenct*5.9187.
if (agecat eq 4 and regn eq 2)agewt=racgenct*0.5240.
if (agecat eq 5 and regn eq 2)agewt=racgenct*0.9645.
if (agecat eq 6 and regn eq 2)agewt=racgenct*0.4735.
if (agecat eq 7 and regn eq 2)agewt=racgenct*1.0204.

if (agecat eq 1 and regn eq 3)agewt=racgenct*1.7436.
```

```
if (agecat eq 2 and regn eq 3)agewt=racgenct*2.5393.
if (agecat eq 3 and regn eq 3)agewt=racgenct*1.5172.
if (agecat eq 4 and regn eq 3)agewt=racgenct*0.8629.
if (agecat eq 5 and regn eq 3)agewt=racgenct*0.8005.
if (agecat eq 6 and regn eq 3)agewt=racgenct*0.5057.
if (agecat eq 7 and regn eq 3)agewt=racgenct*0.7571.

if (agecat eq 1 and regn eq 4)agewt=racgenct*2.6296.
if (agecat eq 2 and regn eq 4)agewt=racgenct*3.1676.
if (agecat eq 3 and regn eq 4)agewt=racgenct*1.9127.
if (agecat eq 4 and regn eq 4)agewt=racgenct*1.1973.
if (agecat eq 5 and regn eq 4)agewt=racgenct*0.6136.
if (agecat eq 6 and regn eq 4)agewt=racgenct*0.8456.
if (agecat eq 7 and regn eq 4)agewt=racgenct*0.5577.

if (agecat eq 1 and regn eq 5)agewt=racgenct*11.7723.
if (agecat eq 2 and regn eq 5)agewt=racgenct*3.3006.
if (agecat eq 3 and regn eq 5)agewt=racgenct*3.3075.
if (agecat eq 4 and regn eq 5)agewt=racgenct*1.4203.
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.5110.
if (agecat eq 6 and regn eq 5)agewt=racgenct*0.3534.
if (agecat eq 7 and regn eq 5)agewt=racgenct*0.5159.

if (agecat eq 1 and regn eq 6)agewt=racgenct*2.1375.
if (agecat eq 2 and regn eq 6)agewt=racgenct*2.9968.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.9788.
if (agecat eq 4 and regn eq 6)agewt=racgenct*1.1062.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.6996.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.6216.
if (agecat eq 7 and regn eq 6)agewt=racgenct*0.5234.

if (agecat eq 1 and regn eq 7)agewt=racgenct*2.1656.
if (agecat eq 2 and regn eq 7)agewt=racgenct*14.8650.
if (agecat eq 3 and regn eq 7)agewt=racgenct*3.0303.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.5340.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.6398.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.2097.
if (agecat eq 7 and regn eq 7)agewt=racgenct*0.5305.
weight by agewt.

compute roundwt=agewt*10.
weight by roundwt.

freq var=regn


weight off.
freq var=regn.

*The following command adjusts the number of cases in each region
  back to the actual number interviewed.
compute adjwt=agewt.
if (regn=1)adjwt=agewt*1.37405.
if (regn=2)adjwt=agewt*0.86802.
if (regn=3)adjwt=agewt*0.88492.
if (regn=4)adjwt=agewt*0.94001.
if (regn=5)adjwt=agewt*0.98500.
if (regn=6)adjwt=agewt*1.09050.
if (regn=7)adjwt=agewt*1.27010.
*compute adjwt=adjwt*1.001502.
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.

compute msuewt=adjwt.
if (regn=7)msuewt=adjwt*0.3567.
if (regn=6)msuewt=adjwt*1.5239.
weight by msuewt.
freq var=msueregn regn cd1.

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

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.6222.
if (msueregn eq 2)statewt=msuewt*0.5789.
if (msueregn eq 3)statewt=msuewt*0.7373.
if (msueregn eq 4)statewt=msuewt*0.5705.
if (msueregn eq 5)statewt=msuewt*0.9111.
if (msueregn eq 6)statewt=msuewt*1.5430.
*compute statewt=statewt*0.9990.
weight by statewt.
freq var=regn msueregn.

frequencies variables=cd1 cd3 cd5a  rac3 cd8 cd10 cd15 agecat.
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.


freq var=length.
temporary.
if (length lt 7)length=0.
if (length gt 37)length=0.
missing values length (0).
frequencies variables=length /statistics  ALL.

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'/
     racgenct 'Sex x Race x Region weight adjustment'/
     agewt  '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)'.
```

15. CODEBOOK

The codebook is based on telephone interview data set in its ASCII form. A number of additional variables that were constructed during preliminary analyses of the data set are also included in the SPSS system file. Information about these can be examined by looking at the data dictionary in SPSS. This codebook reports frequencies based on the weighted data with the weight variable STATEWT being applied.