METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS 61]

Winter 2012 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.   <u>To Provide Data for Scientific and Policy Research by MSU faculty</u>. 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.   <u>To Provide Useful Information for Programs and Offices at MSU</u>. 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.   <u>To Develop Survey Methods</u>. 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.   <u>To Provide Opportunities for Student Training and Research</u>. 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 and the usual Winter round questions, SOSS 61 included sets of questions on four topics. One section focused on respondents' beliefs and attitudes regarding climate change, especially about the role government should play in helping farmers adjust to the impacts of climate change on crops.

Another longer battery of questions focused on the Michigan economy, e.g., the connection of Michigan businesses to the global economy, the education needs, the importance of intergovernmental cooperation for economic development, etc.

A third set of questions focused on internet access, use, costs, and acceptable pricing for faster download speeds.

The fourth set of questions focused on charitable giving, confidence in charitable organizations, and volunteer activities. This block of questions has been included more-or-less annually for the past several years.

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, the Director of Survey Operations Linda Stork, and the Project Manager and Programmer. For the first nearly 60 rounds of SOSS, the Project Manager and Programmer was Karen Clark. In late 2011, Ms. Clark stepped down from managing SOSS surveys to devote more of her time to the growing web-survey work within OSR. The interim Project Manager and Programmer for SOSS 61 was Paul Burton.

The 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 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 Winter 2012 survey included:

Mark A. Wyckoff, Professor, Land Policy Institute, and Director of the Planning and Zoning Center, Michigan State University

Tyler J. Borowy, Outreach Specialist, Land Policy Institute, Michigan State University

Scott T. Loveridge, Professor and Associate Chair, Department of Agricultural, Food, and Resource Economics, Michigan State University, and Director of the North Central Regional Center for Rural Development

Gi-Eu Lee, Doctoral Student, Department of Agricultural, Food, and Resource Economics, Michigan State University

Kurt DeMaagd, Assistant Professor, Department of Telecommunication, Information Studies, and Media, Michigan State University

Christina Kuo, Senior Director of Public Policy and Public Affairs, Michigan Nonprofit Association

Mark I. Wilson, Professor and Associate Director, School of Planning, Design, and Construction, Michigan State University

Teresa R. Behrens, Editor-in-Chief, The Foundation Review, Dorothy A. Johnson Center for Philanthropy, Grand Valley State University

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2012 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. <u>Upper Peninsula</u> (Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Ontonagon, Mackinac, Marquette, Menominee, Schoolcraft)

2. <u>Northern Lower Peninsula</u> (Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, Wexford)

3. <u>West Central</u> (Allegan, Barry, Ionia, Kent, Lake, Manistee, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola, Ottawa)

4. <u>East Central</u> (Arenac, Bay, Clare, Clinton, Gladwin, Gratiot, Huron, Isabella, Midland, Saginaw, Sanilac, Shiawassee, Tuscola)

5. <u>Southwest</u> (Berrien, Branch, Calhoun, Cass, Eaton, Hillsdale, Ingham, Jackson, Kalamazoo, St. Joseph, Van Buren)

6. <u>Southeast</u> (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. SOSS 61 was designed to generate a total sample size from 950 to 1,000 interviews. Therefore, the re-interviewed portion of the SOSS 61 sample included individuals who were initially respondents in SOSS 59.

Respondents' households newly enlisted to participate for SOSS 61 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 61, 5,549 phone numbers were used, 528 in the re-contact segment and 5,021 in the new RDD segment. The working phone number rate was 84.0% in the re-contact segment and 58.9% 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 2010 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 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

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sample matched the proportion of adults from the corresponding region in the state's population based on 2010 Census data. The weighting factor for this post-stratification weighting in the data set is named STATEWT.

Once the sample was weighted by STATEWT, it was compared against the Census-based distribution of education among Michigan residents 18 and older. The final weight variable is still named STATEWT but incorporates the adjustments described above.

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:

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

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	74	$\pm$ 11.5%
Northern Lower Peninsula	75	$\pm$ 11.4%
West Central	197	$\pm$ 7.0%
East Central	153	$\pm$ 7.9%

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Southwest	151	$\pm$ 8.0%
Southeast	194	$\pm$ 7.1%
Detroit	119	$\pm$ 9.0%
Statewide Total	963	$\pm$ 3.2%

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 80 different interviewers were involved in data collection on the 61th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on February 14, 2012 and continued through April 15, 2012. 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 21.3 minutes (standard deviation= 5.2) 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 965 interviews was completed, 291 with participants re-contacted from the SOSS 59 surveys and 674 with new RDD participants; however, 2 interviews were excluded from the data set for technical reasons. The overall completion rate among eligible households for the study was 38.2% (31.5% in the new RDD segment and 75.6% in the re-contact segment).[1]

Of those completing the interview, the mean number of calls required was 4.2 (4.2 among the re-contact cases and 4.1 among the new RDD cases). Interviewers made a total of 37,415 calls to complete the 963 interviews.

The refusal rate was 19.2%.

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)

10. DATA FORMAT AND ARCHIVING

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

---

[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 61 was 31.3%, the refusal rate (REF2) was 15.8%, the cooperation rate was 86.1%, and the contact rate was 66.4%.

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, 2011)

>CONSENT< [loc 0/700][optionbuttons on hide textbox hide codes]

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

 Information collected for this study will be kept confidential to the extent allowed by local,
 state and federal law, and no reference will be made in any oral or written report that would
 link you individually to this study.

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

            <1> [commandbutton <CONSENT READ>]

             @

>climate< [allow 4]
>climatestart< [allow 4]
>climatestop< [allow 4]

>newecon< [allow 4]
>neweconstart< [allow 4]
>neweconstop< [allow 4]

>net< [allow 4]
>netstart< [allow 4]
>netstop< [allow 4]

>voltime<   [allow 4]
>volstart< [allow 4]
>volstop<   [allow 4]

>vote<   [allow 4]
>votestart< [allow 4]
>votestop<   [allow 4]

>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

>random< [allow 1][#inputloc 1/15] [copy random in random]
>random2< [allow 2][#inputloc 1/16][copy random2 in random2]

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

          @

>CC2<

Now looking ahead, do you think that [bold]a year from now[n], you (and your family living 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>[commandbutton <DO NOT KNOW>]
          <9>[commandbutton <REFUSED THIS QUESTION>]
          @

>CC3<

How would you rate your household's [bold]overall financial[n] situation these days?

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

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

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

>CC4<

During the [bold]next twelve months[n], do you think the rate of inflation in this country will go up, will go down, or will stay about the same as it was in the [bold] past 12 months[n]?

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

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

          @

>CC5<

[bold]Twelve months from now[n], do you expect the unemployment situation in this country to be [bold]better than[n], 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>[commandbutton <DO NOT KNOW>]
            <9>[commandbutton <REFUSED THIS QUESTION>]

                @


>CC6<

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

            <1> GOOD TIMES
            <2> BAD TIMES
            <3> NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME(R PROVIDED)

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

            @

>A1<

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

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

  <21> ECONOMY/ECONOMIC GROWTH/STIMULATING THE ECONOMY
  <20> JOBS/CREATING JOBS/UNEMPLOYMENT
  <24> COST OF GOODS/INFLATION
  <25> FAMILY INCOME/FAMILY FINANCES
  <29> FORECLOSURES/HOUSING CRISIS/PROPERTY VALUES

  <40> THEFT
  <44> CRIME: GENERAL                 <1>  SCHOOL FINANCE/EDUCATION FUNDING
  <41> SAFETY/STREET VIOLENCE         <2>  EDUCATION QUALITY/IMPROVE EDUCATION
  <42> GUN CONTROL                    <9>  EDUCATION: GENERAL
  <43> DRUGS/DRUG DEALERS

  <10> MEDICAL CARE/HEALTH CARE: GENERAL
  <11> ELDERLY/MEDICAL CARE ELDERLY: MEDICARE

  <12> RACISM/EQUAL OPPORTUNITIES  <16> WELFARE REFORM/CUT WELFARE
  <13> POVERTY/POOR                    <17> WELFARE EXPANSION/MORE PROGRAMS
  <14> HOMELESSNESS
  <15> HOUSING/AFFORDABLE HOUSING

  <22> OVER EXPANSION/TOO MUCH GROWTH
  <23> FARMING/DECLINE FARMING

  <30> TAXES: LOCAL/CITY/PROPERTY  <35> TAXES: STATE/FEDERAL
  <31> LEADERSHIP/CITY LEADERS     <36> LEADERSHIP: STATE/FEDERAL GOVERNMENT
  <32> CORRUPTION: LOCAL LEVEL     <37> CORRUPTION: STATE/FEDERAL LEVEL
  <33> TOO MUCH GOVERNMENT         <38> LACK OF REVENUE
  <34> COURTS/JUDICIAL REFORM

  <50> GANGS/TEEN VIOLENCE         <60> DIVORCE/BROKEN HOMES/SINGLE PARENTS
  <51> LACK ACTIVITIES YOUTH       <61> CHILD ABUSE/CHILD ENDANGERMENT
  <52> TEENAGE PREGNANCY           <62> DISCIPLINE/PARENTAL CONTROL
  <53> YOUTH AND DRUGS             <63> VALUES/MORALITY/RELIGION
  <54> YOUTH DRINKING/ALC. ABUSE   <64> FAMILY ALCOHOLISM/DRUG ABUSE
  <55> PEER PRESSURE

  <70> POLLUTION                   <80> WATER/SEWERS
  <71> JUNK/DIRTY CITY/BLIGHT      <81> TRASH/GARBAGE COLLECTION
  <72> LANDFILLS                   <82> POLICE/MORE LAW ENFORCEMENT
  <73> LAND USE                    <83> FIRE/MORE FIRE PROTECTION
```

```
  <74> POPULATION GROWTH          <84> ROADS/ROAD REPAIR/STREET UPKEEP
  <75> LACK RECYCLING             <85> TRANSPORTATION/BUSES
  <76> WETLAND/NATURAL AREA       <86> ANIMAL CONTROL
       PRESERVATION

  <87> TRAFFIC CONGESTION/TRAFFIC <90> [commandbutton <NO PROBLEMS>]
  <91> MISCELLANEOUS: OTHER       <98> [commandbutton <DO NOT KNOW>]
                                  <99> [commandbutton <REFUSED/NO ANSWER>]

   0 [#specify] ILLEGAL RESPONSE - PLEASE CODE

               @
```

>PO1<

    The next couple of questions are about our elected officials.

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

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

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

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

>PO2<

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

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

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

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

>D10<

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

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

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

            <8>[commandbutton <DO NOT KNOW>]
            <9>[commandbutton <REFUSED/NO ANSWER>]
            @

>D11<

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

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

          <8>[commandbutton <DO NOT KNOW>]
          <9>[commandbutton <REFUSED/NO ANSWER>]
          @

>D12<

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

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

          <8>[commandbutton <DO NOT KNOW>]
          <9>[commandbutton <REFUSED/NO ANSWER>]
           @

>P4a<

There are many issues that the [bold]governor and legislature[n] (in Lansing) could spend time
dealing with this session.

Of all the issues they could work on, which issue do you think is the [bold]most important[n]
for them to focus on?

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

          0 [#specify]ILLEGAL RESPONSE: PLEASE CODE

      <1> ECONOMY/ECONOMIC GROWTH/STIMULATING THE ECONOMY
      <2> JOBS/CREATING JOBS/UNEMPLOYMENT
      <29> FORECLOSURES/HOUSING CRISIS/PROPERTY VALUES

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

      <5> SCHOOL FUNDING/SCHOOL FINANCES
      <21> EDUCATION QUALITY/STANDARDS
      <19> TEACHER TESTING

      <4> CRIME/DRUGS/VIOLENCE
      <6> POVERTY/HOMELESS/SOCIAL PROGRAMS
      <7> WELFARE REFORM
      <8> TAXES/REDUCE TAXES
      <9> SENIORS/PRESCRIPTION DRUG COVERAGE

      <10> REDUCE BUDGETS/SIZE GOVERNMENT
      <11> MORAL ISSUES/ABORTION/FAMILY VALUES
      <12> FOREIGN POLICY

      <13> ENVIRONMENT
      <14> ROADS/HIGHWAYS/BRIDGES REPAIR
      <15> ELECTION REFORM
      <16> GUN CONTROL
      <17> JOB TRAINING/RETRAINING
      <18> DIVERSITY/RACE RELATIONS

```
        <20> REGULATION/DEREGULATION
        <22> REDUCE BUDGETS/REDUCE SIZE GOVERNMENT/RESTRICT GOVERNMENTS
        <23> MICHIGAN'S BUDGET CRISIS/SOLVE BUDGET ISSUES

        <91> MISCELLANEOUS    <90> NOTHING/EVERYTHING IS FINE
        <98> DO NOT KNOW      <99> REFUSED/NO ANSWER
            @
```

>climate1<[settime climatestart]

  You may have heard about the idea that the world's temperature may have been changing over
  the past 100 years, a phenomenon sometimes called climate change.

  I would like to read you a statement about climate change and ask to what extent you agree
  or disagree.

  The government has a role in helping employers adjust to the impact of climate change
  on their operations.

  [red][bold]IWER: PLEASE NOTE THAT ON THIS SERIES OF QUESTIONS HOW THE SCALE IS READ MAY BE
                    REVERSED[n]

  [if random le <4>]

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

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

 [endif]
 [if random ge <5>]

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

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

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

         @

>itemseq< [allow int 1 for 4]
        [randomize <1> to <4> into itemseq]

>itempos< [allow int 1 for 4]

>st0<[store <0> in numitem]

>iposset<
      [add <1> to numitem][if numitem eq <5> goto climate0]
      [if itemseq(numitem) eq <1>]
          [store numitem in itempos(<1>)][goto iposset][endif]
      [if itemseq(numitem) eq <2>]
          [store numitem in itempos(<2>)][goto iposset][endif]
      [if itemseq(numitem) eq <3>]
          [store numitem in itempos(<3>)][goto iposset][endif]
      [if itemseq(numitem) eq <4>]
          [store numitem in itempos(<4>)][goto iposset][endif]
      [goto errorseq]

>errorseq<

```
   This screen only arrises if there is an error in the randomization
   proceedure for questions climate2a-climate2d.

        [nodata] @ [#goto]

>numitem< [allow int 1]

>climate0<

   Crops are sensitive to climate. If the climate changes, farmers may need to adjust their
   cropping systems by using new practices or by planting different varieties.

   Now, I am going to read you some more statements about climate change and ask to what extent
   you agree or disagree.

 [red][bold]THE FOLLOWING SET OF FOUR QUESTIONS IS RANDOMIZED, ALL FOLLOW-UP PROBES
                ARE IN PARENTHESIS - USE YOUR DISCRETION AS TO WHEN TO READ THEM[n]


                <g> [commandbutton <PROCEED TO QUESTIONS>]
                 @

>istart< [loop for numitem from <1> to <4>]

>iseq<  [if itemseq(numitem) eq <1> goto climate2a]
       [if itemseq(numitem) eq <2> goto climate2b]
       [if itemseq(numitem) eq <3> goto climate2c]
       [if itemseq(numitem) eq <4> goto climate2d]

>climate2a<

   The Michigan state government has a role in helping Michigan corn and soybean farmers
   adjust to long-term changes in the climate.

   [red][bold]IWER:  PLEASE NOTE THAT ON THIS SERIES OF QUESTIONS HOW THE SCALE IS READ MAY BE
REVERSED[n]

[if random le <4>]

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

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

 [endif]
 [if random ge <5>]

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

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

[endif]

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

         @

[@][goto iend]

>climate2b<

   The Michigan state government has a role in helping Michigan fruit and vegetable farmers
   adjust to long-term changes in the climate.
```

[red][bold]IWER: PLEASE NOTE THAT ON THIS SERIES OF QUESTIONS HOW THE SCALE IS READ MAY BE
REVERSED[n]

[if random le <4>]

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

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

 [endif]
 [if random ge <5>]

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

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

[endif]

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

            @

[@][goto iend]

>climate2c<

   The United States government has a role in helping American corn and soybean farmers
   adjust to long-term changes in the climate.

   [red][bold]IWER: PLEASE NOTE THAT ON THIS SERIES OF QUESTIONS HOW THE SCALE IS READ MAY BE
REVERSED[n]

[if random le <4>]

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

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

 [endif]
 [if random ge <5>]

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

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

[endif]

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

            @

[@][goto iend]

>climate2d<

The United States government has a role in helping American fruit and vegetable farmers adjust to long-term changes in the climate.

[red][bold]IWER: PLEASE NOTE THAT ON THIS SERIES OF QUESTIONS HOW THE SCALE IS READ MAY BE REVERSED[n]

[if random le <4>]

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

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

 [endif]
 [if random ge <5>]

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

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

[endif]

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

        @

[@][goto iend]

>iend<

[loop end numitem]

>taskclimate< [if climate2a eq <4>][if climate2b eq <4>][if climate2c eq <4>][if climate2d eq <4>][goto climate4][endif all]

>climate3<

Assume there's a program available to help Michigan farmers assure a reliable food supply by adjusting to climate change through better varieties and techniques.

Would you support the program if it would increase your yearly taxes?

       <1> YES [goto task1]
       <5> NO [goto task1]

       <8>[commandbutton <DO NOT KNOW>][goto task1]
       <9>[commandbutton <REFUSED THIS QUESTION>][goto task1]

        @

>climate3a<

Would you support the program if it could be done with no tax increase?

      <1> YES
      <5> NO

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

        @

```
>task1<  [#if SUFX ge <8000> and SUFX le <9000> goto climate3b1NEW]
         [if random2 le <03> goto climate3b1NEW]
         [if random2 le <12> goto climate3b2NEW]
         [if random2 le <26> goto climate3b3NEW]
         [if random2 le <45> goto climate3b4NEW]
         [if random2 le <83> goto climate3b5NEW]
       [if random2 le <99> goto climate3b6NEW]


>climate3b1<

  Would you pay an additional $1 in state taxes to pay for this program?

       <1> YES[goto climate3c]
       <5> NO[goto climate3c]

        <8>[commandbutton <DO NOT KNOW>][goto climate3c]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

          @

>climate3b2<

  Would you pay an additional $50 in state taxes to pay for this program?

       <1> YES[goto climate3c]
       <5> NO[goto climate3c]

        <8>[commandbutton <DO NOT KNOW>][goto climate3c]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

          @

>climate3b3<

  Would you pay an additional $100 in state taxes to pay for this program?

       <1> YES[goto climate3c]
       <5> NO[goto climate3c]

        <8>[commandbutton <DO NOT KNOW>][goto climate3c]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]
         @

>climate3b4<

  Would you pay an additional $250 in state taxes to pay for this program?

       <1> YES[goto climate3c]
       <5> NO[goto climate3c]

        <8>[commandbutton <DO NOT KNOW>][goto climate3c]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

          @

>climate3b5<

  Would you pay an additional $500 in state taxes to pay for this program?

       <1> YES[goto climate3c]
       <5> NO[goto climate3c]

        <8>[commandbutton <DO NOT KNOW>][goto climate3c]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]
         @

>climate3c<
```

How likely would you be to change your answer to the last question (the one I just asked you) if given additional information?

[green][bold]IWER: PLEASE NOTE THAT ON THIS SERIES OF QUESTIONS HOW THE SCALE IS READ MAY BE REVERSED[n]

  [if random le <4>]

  Would you say you would be very likely, likely, somewhat likely, somewhat unlikely, unlikely, or very unlikely?

        <1> VERY LIKELY
        <2> LIKELY
        <3> SOMEWHAT LIKELY
        <4> SOMEWHAT UNLIKELY
        <5> UNLIKELY
        <6> VERY UNLIKELY

 [endif]
 [if random ge <5>]

  Would you say you would be very unlikely, unlikely, somewhat likely, somewhat likely, likely, or very likely?

        <1> VERY UNLIKELY
        <2> UNLIKELY
        <3> SOMEWHAT UNLIKELY
        <4> SOMEWHAT LIKELY
        <5> LIKELY
        <6> VERY LIKELY

[endif]

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

          @

>climate4<

  What is your personal opinion regarding whether climate change has been happening?

  Would you say that climate change definitely has been happening, probably been happening, probably not been happening, or definitely has not been happening?

  [green][bold]IWER: IF R "UNSURE" PROBE FOR IF LEANING EITHER WAY - IF STILL "UNSURE" CODE AS '4'[n]

        <1> DEFINITELY HAS NOT BEEN HAPPENING
        <2> PROBABLY HAS NOT BEEN HAPPENING
        <3> UNSURE, BUT LEANING TOWARD IT HAS NOT BEEN HAPPENING
        <4> NOT SURE EITHER WAY
        <5> UNSURE, BUT LEANING TOWARD IT HAS BEEN HAPPENING
        <6> PROBABLY HAS BEEN HAPPENING
        <7> DEFINITELY HAS BEEN HAPPENING

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

          @

>climate5<

  I would like to read you one more statement regarding climate change and ask the extent to which you agree or disagree.

  Some people believe that human activities are main contributors to climate change.

[if random le <4>]

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

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

 [endif]
 [if random ge <5>]

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

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

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

          @

>newecon1a<[settime climatestop][settime neweconstart]

  Now we are going to ask you questions related to economic development, the economy and education in Michigan.

  For each of the following statements, please tell me to what extent you agree or disagree with each.

  Michigan's future economic success depends on more Michigan businesses successfully connecting to the global economy.

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

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

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

          @

>newecon1b<

  Michigan's future economic success depends on public support of entrepreneurs when they are just getting started.

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

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

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

          @

>newecon1c<

Michigan's future economic success depends on having a large portion of the population with
 a post-high school degree.

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

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

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

          @

>newecon1d<

 Michigan's future economic success depends on having a diversified economy.

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

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

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

          @

>newecon1e<

 Young people today are more likely than young people from previous generations to choose a
 place to live based on quality of life rather than job opportunities.

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

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

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

          @

>newecon1f<

 It is important that local governments in Michigan work together across jurisdiction (city,
 township, village and county) borders to implement regional economic development strategies.

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

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

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

          @

>newecon1g<

 It is important that the state recognizes its natural assets, such as farmland, forested
land,

lakes and streams and develop sustainable economic development strategies around them.

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

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

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

          @

>newecon2<

   Which one of the following do you think is most important for Michigan's future economic
success?

   Would you say helping entrepreneurs start new businesses, helping people get degrees or
specialized training after high school, assisting with business diversification so we are not
so dependent on the automotive industry, or attracting and/or retaining highly educated
workers.

        <1> HELPING ENTREPRENEURS START NEW BUSINESSES
        <2> HELPING PEOPLE GET DEGREES OR SPECIALIZED TRAINING AFTER HIGH SCHOOL
        <3> ASSISTING WITH BUSINESS DIVERSIFICATION SO WE ARE NOT SO DEPENDENT
            ON THE AUTOMOBILE INDUSTRY
        <4> ATTRACTING AND/OR RETAINING HIGHLY EDUCATED WORKERS

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

           @

>newecon3<

   How familiar are you with the term "placemaking" as it is related to economic development?

   Would you say you are very familiar, somewhat familiar, not very family, or not familiar at
all?

        <1> VERY FAMILIAR
        <2> SOMEWHAT FAMILIAR
        <3> NOT VERY FAMILIAR
        <4> NOT AT ALL FAMILIAR

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

            @

>net01<[settime neweconstop][settime netstart]

   Next, I have some questions about computer and Internet usage.

   First of all, do you have a computer in your home?

        <1> YES
        <5> NO[goto net03]

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

           @

>net02<

   Do you access the Internet at home using a personal computer?

```
        <1> YES[goto net04]
        <5> NO

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

            @
```

>net03<

  Do you access the Internet at home without using a personal computer, such as using
  smart phones or Web-TV?

```
        <1> YES
        <5> NO[goto netn1]

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

            @
```

>net04< [open @a][open @b][open @c][open @d][open @e][open @f][open @g][open @done]

   There are many different ways a person can access the Internet. These include dial-up modems
or ISDN (Integrated Services Data Network), DSL (digital subscriber line), broadband or cable,
satellite, and mobile broadband on a moblie phone.

  What type of internet access do you have in your home?

 [green][bold]IWER: PLEASE CHECK ALL THAT APPLY[n]

```
        @a BROADBAND OR CABLE
        @b  DSL or ADSL
        @c DIAL UP MODEM or ISDN
        @d MOBILE BROADBAND (CELL PHONE)
        @e SATELLITE
        @f LOCAL AREA NETWORK (LAN)
        @g OTHER

     [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[specify] <5> NO
```

>net1<

  Do you consider your Internet service to be [bold]adequate for your needs[n]?

```
        <1> YES
        <2> NO[goto netn1]

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

            @
```

>nety1<

  We would like to get an idea on how much Michigan consumers pay for Internet service per
month.

  Thinking only about [bold]the cost of your internet service[n] . . . .

Do you spend more than $50 a month on your Internet service?

   [green][bold]IF THE RESPONDENT STATES ANYTHING SUCH AS "I have a package that includes both
cable and Internet or I have a "bundle" package" PLEASE USE THIS PROBE: "Can you estimate or
guess of the total package (bundle) price, how much goes towards Internet service"[n]

        <1> YES[goto nety7]
        <2> NO

         <8>[commandbutton <DO NOT KNOW>]
         <9>[commandbutton <REFUSED THIS QUESTION>][goto nety7]

           @

>nety2<

   Do you spend more than $40 a month on your Internet service?

        <1> YES[goto nety7]
        <2> NO

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

           @

>nety3<

   (Do you spend) more than $30 a month on your Internet service?

        <1> YES[goto nety7]
        <2> NO

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

           @

>nety4<

   (Do you spend) more than $20 a month on your Internet service?

        <1> YES[goto nety7]
        <2> NO

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

           @

>nety5< [loc 19/1]

   Would you say that you spend more than $10 a month on your Internet service?

        <1> YES[goto nety7]
        <2> NO

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

           @

>nety6<

   Would you say that you spend less than $10 a month on your Internet service?

        <1> YES[goto nety7]
        <2> NO

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

       @
```

>nety7<

  When people decide whether to buy Internet service, they take a lot of things into
consideration.

  One of those things is the price. We would like to get an idea of whether or not you would
decide to stop having Internet service in your home if the price were to increase.

  Would you seriously consider discontinuing your home Internet service if the price
  went up by $10 a month?

```
      <1> YES[goto ta1]
      <2> NO

       <8>[commandbutton <DO NOT KNOW>]
       <9>[commandbutton <REFUSED THIS QUESTION>][goto ta1]

        @
```

>nety8<

  (Would you seriously consider discontinuing your home Internet service if the price
  went up) by $20 a month?

```
      <1> YES[goto ta1]
      <2> NO

       <8>[commandbutton <DO NOT KNOW>]
       <9>[commandbutton <REFUSED THIS QUESTION>][goto ta1]

        @
```

>nety9<

  (Would you seriously consider discontinuing your home Internet service if the price
  went up) by $30 a month?

```
      <1> YES[goto ta1]
      <2> NO

       <8>[commandbutton <DO NOT KNOW>]
       <9>[commandbutton <REFUSED THIS QUESTION>][goto ta1]

        @
```

>nety10<

  (Would you seriously consider discontinuing your home Internet service if the price
  went up) by $40 a month?

```
      <1> YES[goto ta1]
      <2> NO

       <8>[commandbutton <DO NOT KNOW>]
       <9>[commandbutton <REFUSED THIS QUESTION>][goto ta1]

        @
```

>nety11<

  (Would you seriously consider discontinuing your home Internet service if the price
  went up) by $50 a month?

```
      <1> YES[goto ta1]
```

```
        <2> NO[goto ta1]

         <8>[commandbutton <DO NOT KNOW>][goto ta1]
         <9>[commandbutton <REFUSED THIS QUESTION>][goto ta1]

            @
```

>netn1<

  We would like to get an idea of how much you think it would cost to get adequate Internet
  service at home.

  Do you think you could get [bold]adequate[n] Internet service at home for less than $10 a
month?

```
        <1> YES[goto netn8]
        <2> NO

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

            @
```

>netn2<

  Do you think you could get [bold]adequate[n] Internet service at home for less than $20 a
month?

```
        <1> YES[goto netn8]
        <2> NO

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

            @
```

>netn3<

  (Do you think you could get [bold]adequate[n] Internet service at home for) less than $30 a
month?

```
        <1> YES[goto netn8]
        <2> NO

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

            @
```

>netn4<

  (Do you think you could get [bold]adequate[n] Internet service at home for) less than $40 a
month?

```
        <1> YES[goto netn8]
        <2> NO

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

            @
```

>netn5<

  (Do you think you could get [bold]adequate[n] Internet service at home for) less than $50 a
month?

```
        <1> YES[goto netn8]
        <2> NO
```

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

             @

>netn6<

   (Do you think you could get [bold]adequate[n] Internet service at home for) less than $60 a
month?

        <1> YES[goto netn8]
        <2> NO

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

             @

>netn7<

   Do you think it would cost more than $60 a month to get [bold]adequate[n] Internet service at
home?

        <1> YES
        <2> NO

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

             @

>netn8< [if net1 eq <2> goto ta1]

   Now that we have an idea of how much you think it costs to get Internet service at home, we
   would like to get a better idea of why you do not currently have Internet service at home.

   The next few questions have to do with various reasons why people do not have Internet
   service at home.

   Some people say that they just are not interested in using the Internet at all.  Would you
   say that you are simply not interested in using the Internet under any circumstances?

        <1> YES
        <2> NO

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

             @

>netn9<

   Is it impossible to have Internet service in your home because of a problem with technology
   or wiring?

        <1> YES
        <2> NO

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

             @

>netn10<

   Some people use the Internet, but just do not use it at home, because they are able to access
   the Internet at work, or an Internet cafe, or at some other location away from home.

   Would you say that you don't have Internet service at home because you are able to meet your
```

Internet needs at other locations?

```
      <1> YES
      <2> NO

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

          @
```

>ta1< [settime netstop][settime volstart]

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

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

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

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

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

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

         @
```

>ta2<

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

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

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

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

         @
```

>ta4<

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

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

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

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

         @
```

>ta5<

Generally, charitable organizations play a major role in making our communities better

places to live.

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

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

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

         @

>ta6<

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

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

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

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

         @

>v1<

Now, thinking about your own charitable giving...

Did you or any member of your household contribute money, property, or both to a charity or nonprofit organization last year, that is in 2011?

        <1> YES
        <5> NO

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

         @

>v4<

Do you think that your household will contribute more, less, or about the same in 2012 as you did in 2011?

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

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

         @

>v5<

Next I have some questions about volunteer activities.

Last year, that is, in 2011, did you volunteer for any types of organization such as your church, your child's school, or another non-profit organization?

```
        <1> YES
        <5> NO

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

           @

>newv5<

  Last year, (that is in 2011), did you do any informal volunteer work such as helping
  friends, family, or neighbors?

        <1> YES
        <5> NO

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

           @

>v8<

  Do you think that you will volunteer more, less, or about the same in 2012 as you did
  in 2011?

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

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

           @

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

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

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

                   0  OTHER: SPECIFY[#specify]
                 <1> FAMILY, FRIENDS - PEOPLE INVOLVED IN ACTIVITY/WORD OF MOUTH
                 <2> CHILDREN INVOLVED IN ACTIVITY
                 <3> CHURCH/THROUGH RELIGIOUS ORGANIZATION
                 <4> SCHOOL
                 <5> PREVIOUS INVOLVEMENT/KNOWLEDGE ORGANIZATION/PROGRAM
                 <6> WORK/JOB
                 <7> TV, RADIO, NEWSPAPER, PAMPLETS, DIRECT MAILING
                 <8> INTERNET, SOCIAL NETWORKING SITES
                 <9> COMMUNITY BASED ORGANIZATION
                <10> SUPPORT GROUPS

                 <90> MISCELLANEOUS-NEC
                 <98>[commandbutton <DO NOT KNOW>]
                 <99>[commandbutton <REFUSED/NO ANSWER>]

                   @


>av1<

  For each of the following, please tell me how much each has influenced your decision
  to volunteer or give to charity.

  Your family?
```

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

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

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

      @

>av2<

Your friends?

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

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

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

      @

>av3<

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

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

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

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

      @

>av4<

Your co-workers or supervisor?

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

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

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

      @

>av5<

Your church, synagogue, or other religious organization?

(Would you say they have influenced your decision to volunteer or give to charity a

great deal, some, a little, or none at all?)

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

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

      @

>CD1< [settime volstop]

  Finally, I have a some background questions for you.

  [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
      <2> FEMALE

      @

>CD2<

  In what year were you born?

      19 <10-94>

      <8> DO NOT KNOW
      <9> REFUSED

      @

>CD3<

   What is the highest level of education you have completed?

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

       <12>   HIGH SCHOOL GRADUATE OR GED HOLDER

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

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

>CD5a<

Are you of Hispanic, Latino, or Spanish origin?

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

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

            @

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

    What is your race?

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

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

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

    [nodata button <DONE>] @done

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

>CD6<

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

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

            <0> NONE; NO RELIGIOUS GROUP
            <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)
           <7> OTHER: UNABLE TO CLASSIFY
           90 [#specify] SPECIFY: OTHER

            <98> DO NOT KNOW
            <99> REFUSED

            @

>CD7<

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

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

            <0> ANOTHER PARTY, THIRD PARTY, ETC

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

                @a

    [if CD7@a eq <1>]

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

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

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

                @b

     [endif]
     [if CD7@a eq <7>]

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

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

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

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

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

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

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

                 @d
                [endif]


>partyid<  [allow 1]
        [if CD7@b eq <1>][store <1> in partyid][endif]    1 strong republican
        [if CD7@b eq <2>][store <2> in partyid][endif]    2 not strong rep
        [if CD7@a eq <8>][store <8> in partyid][endif]    3 lean republican
        [if CD7@a eq <9>][store <9> in partyid][endif]    4 neither
        [if CD7@c eq <6>][store <6> in partyid][endif]    5 lean democrat
        [if CD7@c eq <7>][store <7> in partyid][endif]    6 not strong dem
        [if CD7@d eq <3>][store <3> in partyid][endif]    7 strong democrat
        [if CD7@d eq <4>][store <4> in partyid][endif]
        [if CD7@d eq <5>][store <5> in partyid][endif]
        [#if CD7@a eq <0>][#store <0> in partyid][#endif]

>P17<

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

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

                <0> OTHER

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

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

            @a

            [if P17@a eq <1>]

  Would you consider yourself very conservative or somewhat conservative?

            <1> VERY CONSERVATIVE
            <2> SOMEWHAT CONSERVATIVE

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

            @b

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

    Would you consider yourself very liberal or somewhat liberal?

            <7> VERY LIBERAL
            <6> SOMEWHAT LIBERAL

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

            @c
            [endif]

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

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

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

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

            @d

            [endif]


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


>vi2< [settime votestart]

  Are you registered to vote in Michigan?

      <1> YES
      <5> NO

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

      @
```

>vi3<

  Do you expect to vote in the Presidential election in November?

      <1> YES
      <5> NO

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

      @

>vi4<

  Did you vote in the last Presidential election, in 2008? (Obama vs. McCain)

      <1> YES
      <5> NO

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

      @

>vi5<

  Did you vote in the last midterm election, in 2010?

      <1> YES
      <5> NO

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

      @

>CD8< [settime votestop]

  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][commandbutton <SPECIFY:OTHER>]

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

         @

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

  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 DONT 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><10>]
        [allow 2]

>CD11<

  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>]
        [allow 1]


>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
          <7> RETIRED

          <8> SCHOOL FULL TIME
          <9> HOMEMAKER
         <10> DISABLED
         <90>  MISCELLANEOUS: UNABLE TO CLASSIFY
          0 [#specify] SPECIFY: OTHER

          <98> DO NOT KNOW
          <99> REFUSED

          @




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

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

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

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

          @

>UN2<

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

```
            <1> YES
            <5> NO

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

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

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

            <1> YES
            <5> NO

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

>inca<

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

  Now, thinking about your [bold]household's[n] total annual income from all sources (including
  your job), did your household receive $40,000 or more in 2011?

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

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

>incb<

   Was it less than $20,000?

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

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

>incca<

  What is less than $30,000?

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

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

>incc<

   Was it less than $10,000?

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

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

>incd<
```

```
    Was it $60,000 or more?

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

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

>incf<

    Was it $50,000 or more?

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

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

>incg<

    Was it more than $100,000?

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

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

>inch<   [loc 20/1]

   Was it more than $70,000?

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

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

>incha<

   Was it more than $90,000?

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

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

>inci<

    Was it more than $150,000?

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

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

>income<   [allow 2]

>CD26<
```

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

        @ NUMBER OF PHONE NUMBERS

        [red]IWER: USE '9' FOR DONT 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][commandbutton <SPECIFY:OTHER>]

        <8> [commandbutton <DO NOT KNOW>]
        <9> [commandbutton <REFUSED THIS 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>[commandbutton <DO NOT KNOW>]
        <9>[commandbutton <REFUSED THIS 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 over the phone or on the web. Would you
  be willing to participate again in a couple of months?

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

```
                <8> [commandbutton <DO NOT KNOW>]
                <9> [goto out][commandbutton <REFUSED THIS 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][commandbutton <DO NOT KNOW>]
                <9> [goto rname][commandbutton <REFUSED THIS 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 climatestart from climatestop into climate]
        [subtime neweconstart from neweconstop into newecon]
        [subtime volstart from volstop into voltime]
        [subtime netstart from netstop into net]
        [subtime votestart from votestop into vote]



>contacts< [allow 2][loc 21/1][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]

>climate3bNEW<
```

How much in additional state taxes would be willing to you pay for this program?

<1> $0/Not willing to pay any more in state taxes

<0> [#specify][commandbutton <SPECIFY>]
<8>[commandbutton <DO NOT KNOW>]
<9>[commandbutton <REFUSED/NO ANSWER>]

@

[goto climate3c]

>climate3b1NEW<

Would you pay an additional $1 in state taxes to pay for this program?

<1> YES[goto climate3c]
<5> NO[goto climate3c]

<8>[commandbutton <DO NOT KNOW>][goto climate3c]
<9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

@

>climate3b2NEW<

Would you pay an additional $10 in state taxes to pay for this program?

<1> YES[goto climate3c]
<5> NO[goto climate3c]

<8>[commandbutton <DO NOT KNOW>][goto climate3c]
<9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

@

>climate3b3NEW<

Would you pay an additional $50 in state taxes to pay for this program?

<1> YES[goto climate3c]
<5> NO[goto climate3c]

<8>[commandbutton <DO NOT KNOW>][goto climate3c]
<9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]
@

>climate3b4NEW<

Would you pay an additional $100 in state taxes to pay for this program?

<1> YES[goto climate3c]
<5> NO[goto climate3c]

<8>[commandbutton <DO NOT KNOW>][goto climate3c]
<9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

@

>climate3b5NEW<

Would you pay an additional $200 in state taxes to pay for this program?

<1> YES[goto climate3c]
<5> NO[goto climate3c]

```
        <8>[commandbutton <DO NOT KNOW>][goto climate3c]
        <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

          @

>climate3b6NEW<

  Would you pay an additional $500 in state taxes to pay for this program?

        <1> YES[goto climate3c]
        <5> NO[goto climate3c]

         <8>[commandbutton <DO NOT KNOW>][goto climate3c]
         <9>[commandbutton <REFUSED THIS QUESTION>][goto climate3c]

          @


          [goto MOD7]
```

13. SPSS COMMANDS

```
     TITLE "Michigan State of the State 61".

     DATA LIST fixed records=4
       FILE="filename"
     /1          CASEID 1-5 (A)          ID1 1-5 (A)            R1 6 (A)
                 cnty 7-11 (A)          regn 12 (A)        random 13 (A)
           random2 14-15 (A)         listed 16 (A)            CC1 17
                  CC2 18                CC3 19                CC4 20
                  CC5 21                CC6 22                A1 23-24
                  PO1 25                PO2 26                D10 27
                  D11 28                D12 29                P4a 30-31
             climate1 32           itemseq_1 33          itemseq_2 34
            itemseq_3 35           itemseq_4 36          itempos_1 37
            itempos_2 38           itempos_3 39          itempos_4 40
              numitem 41           climate0 42 (A)        climate2a 43
            climate2b 44           climate2c 45          climate2d 46
             climate3 47           climate3a 48          climate3b1 49
            climate3b2 50          climate3b3 51         climate3b4 52
            climate3b5 53          climate3c 54           climate4 55
             climate5 56          newecon1a 57          newecon1b 58
            newecon1c 59          newecon1d 60          newecon1e 61
            newecon1f 62          newecon1g 63           newecon2 64
             newecon3 65               net01 66              net02 67
                net03 68            net04@a 69            net04@b 70
              net04@c 71            net04@d 72            net04@e 73
              net04@f 74            net04@g 75               net1 76
                nety1 77              nety2 78              nety3 79
                nety4 80
     /2           nety5 1               nety6 2               nety7 3
                  nety8 4               nety9 5              nety10 6
                 nety11 7               netn1 8               netn2 9
                 netn3 10              netn4 11              netn5 12
                 netn6 13              netn7 14              netn8 15
                 netn9 16             netn10 17                ta1 18
                  ta2 19                ta4 20                ta5 21
                  ta6 22                 v1 23                 v4 24
                   v5 25               newv5 26                 v8 27
               volopp 28-29             av1 30                av2 31
                  av3 32                av4 33                av5 34
                  CD1 35                CD2 36-37             CD3 38-39
                 CD5a 40               CD4@a 41              CD4@b 42
                CD4@c 43               CD4@d 44              CD4@e 45
                CD4@f 46                 CD6 48-49           CD7@a 50
                CD7@b 51               CD7@c 52              CD7@d 53
              partyid 54 (A)          P17@a 55              P17@b 56
                P17@c 57               P17@d 58           ideology 59 (A)
                  vi2 60                vi3 61                vi4 62
                  vi5 63                CD8 64               CD10 65-66 (A)
                 CD11 67 (A)           CD15 68-69             UN1 70
                  UN2 71                UN3 72               inca 73
                 incb 74               incca 75              incc 76
                 incd 77               incf 78               incg 79
     /3          inch 1                incha 2               inci 3
               income 4-5 (A)          CD26 6 (A)            X1 7
              zipcode 8-12 (A)
     /4      contacts 1-2 (A)         length 3-6 (A)        idate 7-14 (A)
              iwer 15-17 (A)          males 18-19 (A)     females 20-21 (A)
           climate3bNEW 28        climate3b1NEW 29      climate3b2NEW 30
          climate3b3NEW 31        climate3b4NEW 32      climate3b5NEW 33
          climate3b6NEW 34
        .

     VARIABLE LABELS
        CASEID    'case identification number' /
        ID1       'Case ID' /
        R1        'Data Record' /
        cnty      'County' /
```

```
regn       'Sample' /
random     'Random 1' /
random2    'Random 2' /
listed     'Sample' /
CC1        'Past Financial' /
CC2        'Future Financial' /
CC3        'Current Financial' /
CC4        'Inflation Rate' /
CC5        'Unemployment Situation' /
CC6        'Business Conditions' /
A1         'Most Important Problem Community' /
PO1        'Obama Rating' /
PO2        'Snyder Rating' /
D10        'Trust Federal Government' /
D11        'Trust State Government' /
D12        'Trust Local Government' /
P4a        'Governor Legislator Priority' /
climate1   'Climate Change Opinion' /
climate0   'Climate Intro' /
climate2a  'State Government/Corn & Soybeans' /
climate2b  'State Government/Fruits & Vegetables' /
climate2c  'US Government/Corn & Soybean' /
climate2d  'US Government/Fruit & Vegetable' /
climate3   'Climate Program: General Tax Increase' /
climate3a  'Climate Program: No Tax Increase' /
climate3b1 'Climate Program: $1 Increase' /
climate3b2 'Climate Program: $50 Increase' /
climate3b3 'Climate Program: $100 Increase' /
climate3b4 'Climate Program: $250 Increase' /
climate3b5 'Climate Program: $500 Increase' /
climate3c  'Climate Policy: New Information' /
climate4   'Climate Change: Personal Opinion' /
climate5   'Climate Change: Human Activities' /
newecon1a  'New Econ: Global Economy' /
newecon1b  'New Econ: Entrepreneurs' /
newecon1c  'New Econ: Education' /
newecon1d  'New Econ: Diversified Economy' /
newecon1e  'New Econ: Young People' /
newecon1f  'New Economy: Local Governments' /
newecon1g  'New Econ: State''s Assets' /
newecon2   'New Econ: Future Success' /
newecon3   'New Econ: Placemaking' /
net01      'Net: Home Computer' /
net02      'Net: Internet Access on Home Computer' /
net03      'Net: Other Internet Access at Home' /
net04@a    'Net: Access - Broadband or Cable' /
net04@b    'Net: Access - DSL or ADSL' /
net04@c    'Net: Access - Dial Up Modem or ISDN' /
net04@d    'Net: Access - Mobile Broadband (Cell Phone)' /
net04@e    'Net: Access - Satellite' /
net04@f    'Access - Local Area Network (LAN)' /
net04@g    'Net: Access - Other' /
net1       'Net: Service Adequate?' /
nety1      'Net: Amount Spent on Service ($50)' /
nety2      'Net: Amount Spent on Service ($40)' /
nety3      'Net: Amount Spent on Service ($30)' /
nety4      'Net: Amount Spent on Service ($20)' /
nety5      'Net: Amount Spent on Service ($10)' /
nety6      'Net: Amount Spent on Service (Less than $10)' /
nety7      'Net: Price Increase ($10)' /
nety8      'Net: Price Increase ($20)' /
nety9      'Net: Price Increase ($30)' /
nety10     'Net: Price Increase ($40)' /
nety11     'Net: Price Increase ($50)' /
netn1      'Net: Cost Estimate ($10)' /
netn2      'Net: Cost Estimate ($20)' /
netn3      'Net: Cost Estimate ($30)' /
netn4      'Net: Cost Estimate ($40)' /
netn5      'Net: Cost Estimate ($50)' /
```

```
netn6       'Net: Cost Estimate ($60)' /
netn7       'Net: Cost Estimate (More than $60)' /
netn8       'Net: Not Interested' /
netn9       'Net: Technology Problem' /
netn10      'Net: Not at Home' /
ta1         'Need Charitable Orgs Greater' /
ta2         'Effective Providing Services' /
ta4         'Honest and Ethical' /
ta5         'Role Making Communities Better' /
ta6         'Exempt Paying Taxes' /
v1          'Donate Charity 2011' /
v4          'Future Charitable Giving' /
v5          'Formal Volunteering' /
newv5       'Informal Volunteering' /
v8          'Future Volunteering Efforts' /
volopp      'Find Volunteer Opportunities' /
av1         'Influence Family' /
av2         'Influence Friends' /
av3         'Influence School-Neighborhood School' /
av4         'Influence Co-workers/Supervisor' /
av5         'Influence Religious Organization' /
CD1         'Sex' /
CD2         'Year Birth' /
CD3         'Education Level' /
CD5a        'Ethnicity' /
CD4@a       'Race - White/Caucasian' /
CD4@b       'Race - African American or Black' /
CD4@c       'Race - Hawaiian or other Pacific Islander' /
CD4@d       'Race - Asian' /
CD4@e       'Race - American Indian or Alaska Native' /
CD4@f       'Race Other' /
CD6         'Religious Background' /
CD7@a       'Political Party ID' /
CD7@b       'Republican' /
CD7@c       'Democrat' /
CD7@d       'Independent' /
partyid     'Political Party Preference' /
P17@a       'Political Ideology' /
P17@b       'Conservative' /
P17@c       'Liberal' /
P17@d       'Middle/Neither' /
ideology    'Degree Liberal-Conservative' /
vi2         'Registered Voter' /
vi3         'Prospective Presidential Election Turnout' /
vi4         'Retrospective Presidential Election Turnout' /
vi5         'Retrospective Midterm Election Turnout' /
CD8         'Marital Status' /
CD10        'Adults HH' /
CD11        'Children HH' /
CD15        'Employment' /
UN1         'Union Member' /
UN2         'Have you ever been a member of a union or represented by a union?' /
UN3         'Union Family' /
inca        'More $40,000' /
incb        'Was it less than $20,000?' /
incca       'Less than $30,000' /
incc        'Less than $10,000' /
incd        'More than $60,000' /
incf        'More than $50,000' /
incg        'More than $100,000' /
inch        'More than $70,000' /
incha       'More than $90,000' /
inci        'More than $150,000' /
CD26        'Phone Lines' /
X1          'Type Community' /
zipcode     'ZipCode' /
contacts    'Contacts' /
length      'Interview Length' /
idate       'Interview Date' /
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    iwer        'Interviewer' /
    males       'Males' /
    females     'Females' /
    climate3bNEW 'How much willing to pay for program? (open ended)' /
    climate3b1NEW 'Climate Program (FINAL): $1 Increase' /
    climate3b2NEW 'Climate Program (FINAL): $10 Increase' /
    climate3b3NEW 'Climate Program (FINAL): $50 Increase' /
    climate3b4NEW 'Climate Program (FINAL): $100 Increase' /
    climate3b5NEW 'Climate Program (FINAL): $200 Increase' /
    climate3b6NEW 'Climate Program (FINAL): $500 Increase' /
    .

VALUE LABELS
    regn        '1' 'UPPER PENNINSULA' '2' 'NORTHERN MICHIGAN'
                '3' 'WEST CENTRAL' '4' 'EAST CENTRAL' '5' 'SOUTHWEST MICHIGAN'
                '6' 'SOUTHEAST MICHIGAN' '7' 'DETROIT' /
    listed      '1' 'listed' '2' 'unlisted' /
    CC1         1 'BETTER OFF' 2 'ABOUT THE SAME (R PROVIDED)' 3 'WORSE OFF'
                8 'DO NOT KNOW' 9 'REFUSED' /
    CC2         1 'BETTER OFF' 2 'ABOUT THE SAME (R PROVIDED)' 3 'WORSE OFF'
                8 'DO NOT KNOW' 9 'REFUSED' /
    CC3         1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'
                8 'DO NOT KNOW' 9 'REFUSED' /
    CC4         1 'GO UP' 2 'GO DOWN' 3 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'
                9 'REFUSED' /
    CC5         1 'BETTER THAN' 2 'WORSE THAN' 3 'ABOUT THE SAME'
                8 'DO NOT KNOW' 9 'REFUSED' /
    CC6         1 'GOOD TIMES' 2 'BAD TIMES'
                3 'NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME(R PROVIDED)'
                8 'DO NOT KNOW' 9 'REFUSED' /
    A1          1 'SCHOOL FINANCE/EDUCATION FUNDING'
                2 'EDUCATION QUALITY/IMPROVE EDUCATION' 9 'EDUCATION:GENERAL'
                10 'MEDICAL CARE/HEALTH CARE: GENERAL'
                11 'ELDERLY/MEDICAL CARE ELDERLY: MEDICARE'
                12 'RACISM/EQUAL OPPORTUNITIES' 13 'POVERTY/POOR'
                14 'HOMELESSNESS' 15 'HOUSING/AFFORDABLE HOUSING'
                16 'WELFARE REFORM/CUT WELFARE'
                17 'WELFARE EXPANSION/MORE PROGRAMS'
                20 'JOBS/CREATING JOBS/UNEMPLOYMENT'
                21 'ECONOMY/ECONOMIC GROWTH/STIMULATING THE ECONOMY'
                22 'OVER EXPANSION/TOO MUCH GROWTH' 23 'FARMING/DECLINE FARMING'
                24 'COST OF GOODS/INFLATION' 25 'FAMILY INCOME/FAMILY FINANCES'
                29 'FORECLOSURES/HOUSING CRISIS/PROPERTY VALUES'
                30 'TAXES: LOCAL/CITY/PROPERTY' 31 'LEADERSHIP/CITY LEADERS'
                32 'CORRUPTION: LOCAL LEVEL' 33 'TOO MUCH GOVERNMENT'
                34 'COURTS/JUDICIAL REFORM' 35 'TAXES: STATE/FEDERAL'
                36 'LEADERSHIP: STATE/FEDERAL GOVERNMENT'
                37 'CORRUPTION: STATE/FEDERAL LEVEL' 38 'LACK OF REVENUE'
                40 'THEFT' 41 'SAFETY/STREET VIOLENCE' 42 'GUN CONTROL'
                43 'DRUGS/DRUG DEALERS' 44 'CRIME: GENERAL'
                50 'GANGS/TEEN VIOLENCE' 51 'LACK ACTIVITIES YOUTH'
                52 'TEENAGE PREGNANCY' 53 'YOUT AND DRUGS'
                54 'YOUTH DRINKING/ALC. ABUSE' 55 'PEER PRESSURE'
                60 'DIVORCE/BROKEN HOMES/SINGLE PARENTS'
                61 'CHILD ABUSE/CHILD ENDANGERMEN'
                62 'DISCIPLINE/PARENTAL CONTROL' 63 'VALUES/MORALITY/RELIGION'
                64 'FAMILY ALCOHOLISM/DRUG ABUSE' 70 'POLLUTION'
                71 'JUNK/DIRTY CITY/BLIGHT' 72 'LANDFILLS' 73 'LAND USE'
                74 'POPULATION GROWTH' 75 'LACK RECYCLING'
                76 'WETLAND/NATURAL AREA' 80 'WATER/SEWERS'
                81 'TRASH/GARBAGE COLLECTION' 82 'POLICE/MORE LAW ENFORCEMENT'
                83 'FIRE/MORE FIRE PROTECTION'
                84 'ROADS/ROAD REPAIR/STREET UPKEEP' 85 'TRANSPORTATION/BUSES'
                86 'ANIMAL CONTROL' 87 'TRAFFIC CONGESTION/TRAFFIC'
                91 'MISCELLANEOUS: OTHER' 98 'DO NOT KNOW' 99 'REFUSED' /
    PO1         1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
                9 'REFUSED' /
    PO2         1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
                9 'REFUSED' /
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D10       1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
          3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
D11       1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
          3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
D12       1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
          3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
P4a       1 'ECONOMY/ECONOMIC GROWTH/STIMULATING THE ECONOMY'
          2 'JOBS/CREATING JOBS/UNEMPLOYMENT'
          3 'HEALTH CARE/COST OF HEALTH CARE/HEALTH INSURANCE'
          4 'CRIME/DRUGS/VIOLENCE' 5 'SCHOOL FUNDING/SCHOOL FINANCES'
          6 'POVERTY/HOMELESS/SOCIAL PROGRAMS' 7 'WEFARE REFORM'
          8 'TAXES/REDUCE TAXES' 9 'SENIORS/PRESCRIPTION DRUG COVERAGE'
          10 'REDUCE BUDGETS/SIZE GOVERNMENT'
          11 'MORAL ISSUES/ABORTION/FAMILY VALUES' 12 'FOREGIN POLICY'
          13 'ENVIRONMENT' 14 'ROADS/HIGHWAYS/BRIDGES REPAIR'
          15 'ELECTION REFORM' 16 'GUN CONTROL'
          17 'JOB TRAINING/RETRAINING' 18 'DIVERSITY/RACE RELATIONS'
          19 'TEACHER TESTING' 20 'REGULATION/DEREGULATION'
          21 'EDUCATION QUALITY/STANDARDS'
          22 'REDUCE BUDGETS/REDUCE SIZE GOVERNMENT/RESTRICT GOVERNMENTS'
          23 'MICHIGANS BUDGET CRISIS/SOLVE BUDGET ISSUES'
          29 'FORECLOSURES/HOUSING CRISIS/PROPERTY VALUES'
          90 'NOTHING/EVERYTHING IS FINE' 91 'MISCELLANEOUS'
          98 'DO NOT KNOW' 99 'REFUSED/NO ANSWER' /
climate1  1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
climate2a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
climate2b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
climate2c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
climate2d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
climate3  1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3a 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3b1 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3b2 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3b3 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3b4 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3b5 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate3c 1 'VERY LIKELY' 2 'LIKELY' 3 'SOMEWHAT LIKELY'
          4 'SOMEWHAT UNLIKELY' 5 'UNLIKELY' 6 'VERY UNLIKELY'
          8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
climate4  1 'DEFINITELY HAS NOT BEEN HAPPENING'
          2 'PROBABLY HAS NOT BEEN HAPPENING'
          3 'UNSURE, BUT LEANING TOWARD IT HAS NOT BEEN HAPPENING'
          4 'NOT SURE EITHER WAY'
          5 'UNSURE, BUT LEANING TOWARD IT HAS BEEN HAPPENING'
          6 'PROBABLY HAS BEEN HAPPENING'
          7 'DEFINITELY HAS BEEN HAPPENING' 8 'DONT KNOW'
          9 'REFUSED/NO ANSWER' /
climate5  1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1e 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1f 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon1g 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon2  1 'HELPING ENTREPRENEURS START NEW BUSINESSES'
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           2 'HELPING PEOPLE GET DEGREES OR SPECIALIZED TRAINING AFTER HIG'
           3 'ASSISTING WITH BUSINESS DIVERSIFICATION SO WE ARE NOT SO DEP'
           4 'ATTRACTING AND/OR RETAINING HIGHLY EDUCATED WORKERS'
           8 'DO NOT KNOW' 9 'REFUSED/NO ANSWER' /
newecon3   1 'VERY FAMILIAR' 2 'SOMEWHAT FAMILIAR' 3 'NOT VERY FAMILIAR'
           4 'NOT AT ALL FAMILIAR' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net01      1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net02      1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net03      1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net04@a    1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net04@b    1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net04@c    1 'YES' 5 'NO' /
net04@d    1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net04@e    1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net04@f    1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net04@g    1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
net1       1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety1      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety2      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety3      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety4      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety5      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety6      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety7      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety8      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety9      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety10     1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
nety11     1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn1      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn2      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn3      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn4      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn5      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn6      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn7      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn8      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn9      1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
netn10     1 'YES' 2 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
ta1        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
           4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta2        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
           4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta4        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
           4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta5        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
           4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
ta6        1 'YES, CONTINUE TO BE EXEMPT' 5 'NO, SHOULD PAY TAXES'
           7 'OTHER: MISCELLANEOUS' 8 'DO NOT KNOW' 9 'REFUSED' /
v1         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
v4         1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW' 9 'REFUSED'
           /
v5         1 'YES' 5 'NO' /
newv5      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
v8         1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW' 9 'REFUSED'
           /
volopp     1 'FAMILY, FRIENDS - PEOPLE INVOLVED IN ACTIVITY'
           2 'CHILDREN INVOLVED IN ACTIVITY'
           3 'CHURCH/THROUGH RELIGIOUS ORGANIZATION' 4 'SCHOOL'
           5 'PREVIOUS INVOLVEMENT/KNOWLEDGE ORGANIZATION/PROGRAM'
           6 'WORK/JOB' 7 'TV, RADIO, NEWSPAPER, PAMPLETS, DIRECT MAILING'
           8 'INTERNET, SOCIAL NETWORKING SITES'
           9 'COMMUNITY BASED ORGANIZATION' 10 'SUPPORT GROUPS'
           90 'MISCELLANEOUS-NEC' 98 'DO NOT KNOW' 99 'REFUSED' /
av1        1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
           8 'DO NOT KNOW' 9 'REFUSED' /
av2        1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
           8 'DO NOT KNOW' 9 'REFUSED' /
av3        1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
           8 'DO NOT KNOW' 9 'REFUSED' /
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av4        1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
           8 'DO NOT KNOW' 9 'REFUSED' /
av5        1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
           8 'DO NOT KNOW' 9 'REFUSED' /
CD1        1 'MALE' 2 'FEMALE' /
CD2        8 'DO NOT KNOW' 9 'REFUSED' /
CD3        0 'DID NOT GO TO SCHOOL' 1 '1st GRADE' 2 '2nd GRADE'
           3 '3rd GRADE' 4 '4th GRADE' 5 '5th GRADE' 6 '6th GRADE'
           7 '7th GRADE' 8 '8th GRADE' 9 '9th GRADE' 10 '10th GRADE'
           11 '11th GRADE' 12 'HIGH SCHOOL GRADUATE OR GED HOLDER'
           13 '1st YEAR COLLEGE' 14 '2nd YEAR COLLEGE'
           15 '3rd YEAR COLLEGE' 16 'COLLEGE GRADUATE (FOUR YEARS)'
           17 'SOME POST GRADUATE' 18 'GRADUATE DEGREE'
           20 'TECHNICAL/JUNIOR COLLEGE GRADUATE' /
CD5a       1 'YES-HISPANIC/LATINO/SPANISH ORIGIN'
           5 'NO-NOT HISPANIC/LATINO/SPANISH ORIGIN' 8 'DO NOT KNOW'
           9 'REFUSED' /
CD4@a      1 'YES' 5 'NO' 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' /
CD6        0 'NONE; NO RELIGIOUS GROUP'
           1 'CATHOLIC; ROMAN CATHOLIC, ORTHODOX' 2 'ISLAMIC/MUSLIM'
           3 'JEWISH' 4 'PROTESTANT' 5 'OTHER NON-CHRISTIAN'
           6 'OTHER CHRISTIAN' 7 'OTHER: UNABLE TO CLASSIFY'
           98 'DO NOT KNOW' 99 'REFUSED' /
CD7@a      1 'REPUBLICAN' 4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW'
           9 'REFUSED' /
CD7@b      1 'STRONGLY REPUBLICAN' 2 'NOT VERY STRONG REPUBLICAN'
           8 'DO NOT KNOW' 9 'REFUSED' /
CD7@c      6 'NOT VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'
           9 'REFUSED' /
CD7@d      3 'REPUBLICAN' 4 'NEITHER' 5 'DEMOCRAT' 8 'DO NOT KNOW'
           9 'REFUSED' /
P17@a      1 'CONSERVATIVE' 4 'NEITHER' 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 CONSERVATIVE' 4 'IN THE MIDDLE' 5 'CLOSER LIBERAL'
           8 'DO NOT KNOW' 9 'REFUSED' /
vi2        1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
vi3        1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
vi4        1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
vi5        1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED/NO ANSWER' /
CD8        1 'MARRIED, REMARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'
           5 'MEMBER OF AN UNMARRIED COUPLE' 6 'SINGLE, NEVER BEEN MARRIED'
           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' 7 'RETIRED'
           8 'SCHOOL FULL TIME' 9 'HOMEMAKER' 10 'DISABLED'
           90 'MISCELLANEOUS: UNABLE TO CLASSIFY' 98 'DO NOT KNOW'
           99 'REFUSED' /
UN1        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
UN2        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
UN3        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
inca       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incb       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incca      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incc       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incd       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incf       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incg       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
inch       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
incha      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
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    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 'MISCELLANEOUS-UNABLE CLASSIFY' /
    climate3bNEW 1 '$0/Not willing to pay any more in state taxes' /
    climate3b1NEW 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED' /
    climate3b2NEW 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED' /
    climate3b3NEW 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED' /
    climate3b4NEW 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED' /
    climate3b5NEW 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED' /
    climate3b6NEW 1 'YES' 5 'NO' 8 'DONT KNOW' 9 'REFUSED' /
     .

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

MISSING VALUES  CC1 (9,8).
MISSING VALUES  CC2 (9,8).
MISSING VALUES  CC3 (9,8).
MISSING VALUES  CC4 (9,8).
MISSING VALUES  CC5 (9,8).
MISSING VALUES  CC6 (9,8).
MISSING VALUES  A1 (99,98).
MISSING VALUES  PO1 (9,8).
MISSING VALUES  PO2 (9,8).
MISSING VALUES  D10 (9,8).
MISSING VALUES  D11 (9,8).
MISSING VALUES  D12 (9,8).
MISSING VALUES  P4a (99,98).
MISSING VALUES  climate1 (9,8).
MISSING VALUES  climate2a (9,8).
MISSING VALUES  climate2b (9,8).
MISSING VALUES  climate2c (9,8).
MISSING VALUES  climate2d (9,8).
MISSING VALUES  climate3 (9,8).
MISSING VALUES  climate3a (9,8).
MISSING VALUES  climate3b1 (9,8).
MISSING VALUES  climate3b2 (9,8).
MISSING VALUES  climate3b3 (9,8).
MISSING VALUES  climate3b4 (9,8).
MISSING VALUES  climate3b5 (9,8).
MISSING VALUES  climate3c (9,8).
MISSING VALUES  climate4 (9,8).
MISSING VALUES  climate5 (9,8).
MISSING VALUES  newecon1a (9,8).
MISSING VALUES  newecon1b (9,8).
MISSING VALUES  newecon1c (9,8).
MISSING VALUES  newecon1d (9,8).
MISSING VALUES  newecon1e (9,8).
MISSING VALUES  newecon1f (9,8).
MISSING VALUES  newecon1g (9,8).
MISSING VALUES  newecon2 (9,8).
MISSING VALUES  newecon3 (9,8).
MISSING VALUES  net01 (9,8).
MISSING VALUES  net02 (9,8).
MISSING VALUES  net03 (9,8).
MISSING VALUES  net1 (9,8).
MISSING VALUES  nety1 (9,8).
MISSING VALUES  nety2 (9,8).
MISSING VALUES  nety3 (9,8).
MISSING VALUES  nety4 (9,8).
MISSING VALUES  nety5 (9,8).
MISSING VALUES  nety6 (9,8).
MISSING VALUES  nety7 (9,8).
MISSING VALUES  nety8 (9,8).
MISSING VALUES  nety9 (9,8).
MISSING VALUES  nety10 (9,8).
MISSING VALUES  nety11 (9,8).
MISSING VALUES  netn1 (9,8).
MISSING VALUES  netn2 (9,8).
```

```
MISSING VALUES   netn3 (9,8).
MISSING VALUES   netn4 (9,8).
MISSING VALUES   netn5 (9,8).
MISSING VALUES   netn6 (9,8).
MISSING VALUES   netn7 (9,8).
MISSING VALUES   netn8 (9,8).
MISSING VALUES   netn9 (9,8).
MISSING VALUES   netn10 (9,8).
MISSING VALUES   ta1 (9,8).
MISSING VALUES   ta2 (9,8).
MISSING VALUES   ta4 (9,8).
MISSING VALUES   ta5 (9,8).
MISSING VALUES   ta6 (9,8).
MISSING VALUES   v1 (9,8).
MISSING VALUES   v4 (9,8).
MISSING VALUES   v5 (9,8).
MISSING VALUES   newv5 (9,8).
MISSING VALUES   v8 (9,8).
MISSING VALUES   volopp (99,98).
MISSING VALUES   av1 (9,8).
MISSING VALUES   av2 (9,8).
MISSING VALUES   av3 (9,8).
MISSING VALUES   av4 (9,8).
MISSING VALUES   av5 (9,8).
MISSING VALUES   CD3 (99,98).
MISSING VALUES   CD5a (9,8).
MISSING VALUES   CD6 (99,98).
MISSING VALUES   CD7@a (9,8).
MISSING VALUES   CD7@b (9,8).
MISSING VALUES   CD7@c (9,8).
MISSING VALUES   CD7@d (9,8).
MISSING VALUES   P17@a (9,8).
MISSING VALUES   P17@b (9,8).
MISSING VALUES   P17@c (9,8).
MISSING VALUES   P17@d (9,8).
MISSING VALUES   vi2 (9,8).
MISSING VALUES   vi3 (9,8).
MISSING VALUES   vi4 (9,8).
MISSING VALUES   vi5 (9,8).
MISSING VALUES   CD8 (9,8).
MISSING VALUES   CD15 (99,98).
MISSING VALUES   UN1 (9,8).
MISSING VALUES   UN2 (9,8).
MISSING VALUES   UN3 (9,8).
MISSING VALUES   inca (9,8).
MISSING VALUES   incb (9,8).
MISSING VALUES   incca (9,8).
MISSING VALUES   incc (9,8).
MISSING VALUES   incd (9,8).
MISSING VALUES   incf (9,8).
MISSING VALUES   incg (9,8).
MISSING VALUES   inch (9,8).
MISSING VALUES   incha (9,8).
MISSING VALUES   inci (9,8).
MISSING VALUES   X1 (9,8).
MISSING VALUES   climate3bNEW (9,8).
MISSING VALUES   climate3b1NEW (9,8).
MISSING VALUES   climate3b2NEW (9,8).
MISSING VALUES   climate3b3NEW (9,8).
MISSING VALUES   climate3b4NEW (9,8).
MISSING VALUES   climate3b5NEW (9,8).
MISSING VALUES   climate3b6NEW (9,8).
```

14. WEIGHTING COMMANDS

```
compute sample=1.
value labels sample 1 'S58/59 re-interviews'  2 'S61 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.
compute listed=listed59.
frequencies variables=listed.

weight off.
compute listwt=1.
if (sample=1 and listed=2)listwt=9.2591.
*TRIM weight to 10.
*if (sample=1 and listed=2)listwt=10.000.
if (sample=1 and (listed=1 or listed=3))listwt=0.6755.
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=1.0389*listwt.
if (cd26 eq 2)phwt=0.5194*listwt.
if (cd26 eq 3)phwt=0.3463*listwt.
if (cd26 eq 4)phwt=1*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=0.1484*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=adults*phwt.
if (cd10=1)adltwt=phwt*0.5656.
if (cd10=2)adltwt=phwt*1.1312.
if (cd10=3)adltwt=phwt*1.6968.
if (cd10=4)adltwt=phwt*2.2624.
if (cd10=5)adltwt=phwt*1.
if (cd10=6)adltwt=phwt*3.3936.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*0.5656.
if (cd10=10)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.

compute sample=2.
value labels sample 1 'S59 re-interviews'  2 'S61 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.
recode listed (sysmis=2).
weight off.
do if (sample=2).
compute listwt=1.
if (sample=2 and listed=2)listwt=8.1103.
if (sample=2 and (listed=1 or listed=3))listwt=0.6793.
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=1.0285*listwt.
if (cd26 eq 2)phwt=0.5143*listwt.

if (cd26 eq 3)phwt=0.3428*listwt.

if (cd26 eq 4)phwt=0.2571*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=2).
compute adltwt=phwt.
if (cd10=1 or cd10=99)adltwt=phwt*0.5184.
if (cd10=2)adltwt=phwt*1.0369.
if (cd10=3)adltwt=phwt*1.5553.
if (cd10=4)adltwt=phwt*2.0738.
if (cd10=5)adltwt=phwt*2.5922.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.0.
if (cd10=9)adltwt=phwt*1*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.
  *********RESUME HERE.
compute roundwt=adltwt*10.
weight by roundwt.


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

recode cd1 cd2 (sysmis=-9).
recode cd1 (2=5).
value labels cd1 1 'Male'  5 'Female'.

FREQUENCIES
  VARIABLES=cd1  cd2.
```

```
missing values cd2 ().
temporary.
select if (cd2=99 and sample=1).
freq var=caseid.

compute age=0.
if (cd2 gt 9 and cd2 le 94)age=112-cd2.
*if (cd2 gt 88 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 98)age=0.
*if (age=17)age=18.
if (age le 0)age=0.
if (age ge 18 and age lt 25)agecat=1.

if (age ge 25 and age lt 30)agecat=2.
if (age ge 30 and age lt 40)agecat=3.
if (age ge 40 and age lt 50)agecat=4.
if (age ge 50 and age lt 60)agecat=5.
if (age ge 60 and age lt 65)agecat=6.
if (age ge 65)agecat=7.
if (age le 17)agecat=9.
if (age eq 107)agecat=9.
missing values age (0)/agecat (9).

value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
    4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.


recode age (18 thru 29=1)(30 thru 39=2)(40 thru 49=3)(50 thru 59=4)(60 thru 69=5)(70 thru 79=6)(80 thru
99=7) into agecat7.
value labels agecat7 1 '18-29'  2 '30-39'  3 '40-49'  4 '50-59'  5 '60-69'  6 '70-79'  7 '80+'.
frequencies variables= agecat7.

freq var=age.
freq var=agecat.
freq var=regn.

compute rac3=0.
compute multrace=0.
count mult2=cd4@a to cd4@e (1).
if (mult2=0 and cd5a=1)races=1.
if (cd4@a=1 and mult2=1)races=1.
if (cd4@b=1 and mult2=1)races=2.
if (cd4@c=1 and mult2=1)races=3.
if (cd4@d=1 and mult2=1)races=4.
if (cd4@e=1 and mult2=1)races=5.
if (mult2 gt 1 and cd4@e=1)races=5.
if (mult2 gt 1 and cd4@d=1)races=4.
if (mult2 gt 1 and cd4@c=1)races=3.
if (mult2 gt 1 and cd4@b=1)races=2.
recode races (1=1)(2=2)(3,4,5=3) into rac3.
value labels races 1 'white' 2 'black' 3 'hawaiian, PI'
   4 'asian' 5 'indian'/rac3 1 'white' 2 'black' 3 'other'.
missing values rac3 ().
compute imprace=rac3.
if (imprace=0 and regn=7)imprace=2.
if (imprace=0 and regn lt 7)imprace=1.
value labels imprace 1 'white'  2 'black' 3 'other'.
freq var=imprace.
weight off.

freq var=listed.
compute adj1=adltwt.
compute ovrsamwt=adj1.
compute roundwt=ovrsamwt*10.
weight by roundwt.

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

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

```
*   This weights cases by gender, imprace and region.
compute REGNRACEwt=ovrsamwt.
if (imprace eq 1 and regn eq 1)REGNRACEwt=ovrsamwt*0.9609.
if (imprace eq 2 and regn eq 1)REGNRACEwt=ovrsamwt*1.
if (imprace eq 3 and regn eq 1)REGNRACEwt=ovrsamwt*1.3651.

if (imprace eq 1 and regn eq 2)REGNRACEwt=ovrsamwt*0.9950.
if (imprace eq 2 and regn eq 2)REGNRACEwt=ovrsamwt*1.
if (imprace eq 3 and regn eq 2)REGNRACEwt=ovrsamwt*0.9977.

if (imprace eq 1 and regn eq 3)REGNRACEwt=ovrsamwt*0.9110.
if (imprace eq 2 and regn eq 3)REGNRACEwt=ovrsamwt*11.4157.
if (imprace eq 3 and regn eq 3)REGNRACEwt=ovrsamwt*2.0608.

if (imprace eq 1 and regn eq 4)REGNRACEwt=ovrsamwt*0.9351.
if (imprace eq 2 and regn eq 4)REGNRACEwt=ovrsamwt*6.9271.
if (imprace eq 3 and regn eq 4)REGNRACEwt=ovrsamwt*2.0805.

if (imprace eq 1 and regn eq 5)REGNRACEwt=ovrsamwt*0.8977.
if (imprace eq 2 and regn eq 5)REGNRACEwt=ovrsamwt*4.8763.
if (imprace eq 3 and regn eq 5)REGNRACEwt=ovrsamwt*1.8606.

if (imprace eq 1 and regn eq 6)REGNRACEwt=ovrsamwt*0.9301.
if (imprace eq 2 and regn eq 6)REGNRACEwt=ovrsamwt*1.3316.
if (imprace eq 3 and regn eq 6)REGNRACEwt=ovrsamwt*2.9953.

if (imprace eq 1 and regn eq 7)REGNRACEwt=ovrsamwt*0.2427.
if (imprace eq 2 and regn eq 7)REGNRACEwt=ovrsamwt*1.5622.
if (imprace eq 3 and regn eq 7)REGNRACEwt=ovrsamwt*4.0216.

weight by REGNRACEwt.

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


compute roundwt=REGNRACEwt*10.
weight by roundwt.
crosstabs tables=agecat7 by cd1 by regn/cells count.
recode cd1 (1=1)(5=2).
frequencies variables=cd1.

compute sexagewt=REGNRACEwt.
if (cd1=1 and agecat7 eq 1 and regn eq 1)sexagewt=REGNRACEwt*3.6160.
if (cd1=1 and agecat7 eq 2 and regn eq 1)sexagewt=REGNRACEwt*1.
if (cd1=1 and agecat7 eq 3 and regn eq 1)sexagewt=REGNRACEwt*0.8408.
if (cd1=1 and agecat7 eq 4 and regn eq 1)sexagewt=REGNRACEwt*0.7709.
if (cd1=1 and agecat7 eq 5 and regn eq 1)sexagewt=REGNRACEwt*0.7218.
if (cd1=1 and agecat7 eq 6 and regn eq 1)sexagewt=REGNRACEwt*3.0182.
if (cd1=1 and agecat7 eq 7 and regn eq 1)sexagewt=REGNRACEwt*0.7962.

if (cd1=2 and agecat7 eq 1 and regn eq 1)sexagewt=REGNRACEwt*3.4174.
if (cd1=2 and agecat7 eq 2 and regn eq 1)sexagewt=REGNRACEwt*1.
if (cd1=2 and agecat7 eq 3 and regn eq 1)sexagewt=REGNRACEwt*0.9662.
if (cd1=2 and agecat7 eq 4 and regn eq 1)sexagewt=REGNRACEwt*0.3676.
if (cd1=2 and agecat7 eq 5 and regn eq 1)sexagewt=REGNRACEwt*0.5448.
if (cd1=2 and agecat7 eq 6 and regn eq 1)sexagewt=REGNRACEwt*0.7883.
if (cd1=2 and agecat7 eq 7 and regn eq 1)sexagewt=REGNRACEwt*2.0245.

* region 2.

if (cd1=1 and agecat7 eq 1 and regn eq 2)sexagewt=REGNRACEwt*0.4759.
if (cd1=1 and agecat7 eq 2 and regn eq 2)sexagewt=REGNRACEwt*2.9557.
if (cd1=1 and agecat7 eq 3 and regn eq 2)sexagewt=REGNRACEwt*11.6043.
if (cd1=1 and agecat7 eq 4 and regn eq 2)sexagewt=REGNRACEwt*3.0164.
if (cd1=1 and agecat7 eq 5 and regn eq 2)sexagewt=REGNRACEwt*1.1266.
if (cd1=1 and agecat7 eq 6 and regn eq 2)sexagewt=REGNRACEwt*0.4729.
if (cd1=1 and agecat7 eq 7 and regn eq 2)sexagewt=REGNRACEwt*1.

if (cd1=2 and agecat7 eq 1 and regn eq 2)sexagewt=REGNRACEwt*0.5587.
if (cd1=2 and agecat7 eq 2 and regn eq 2)sexagewt=REGNRACEwt*3.5634.
```

```
if (cd1=2 and agecat7 eq 3 and regn eq 2)sexagewt=REGNRACEwt*0.4888.
if (cd1=2 and agecat7 eq 4 and regn eq 2)sexagewt=REGNRACEwt*0.9673.
if (cd1=2 and agecat7 eq 5 and regn eq 2)sexagewt=REGNRACEwt*1.2877.
if (cd1=2 and agecat7 eq 6 and regn eq 2)sexagewt=REGNRACEwt*0.6672.
if (cd1=2 and agecat7 eq 7 and regn eq 2)sexagewt=REGNRACEwt*3.5845.
 * region 3.

if (cd1=1 and agecat7 eq 1 and regn eq 3)sexagewt=REGNRACEwt*4.3719.
if (cd1=1 and agecat7 eq 2 and regn eq 3)sexagewt=REGNRACEwt*3.0684.
if (cd1=1 and agecat7 eq 3 and regn eq 3)sexagewt=REGNRACEwt*2.0014.
if (cd1=1 and agecat7 eq 4 and regn eq 3)sexagewt=REGNRACEwt*0.3701.
if (cd1=1 and agecat7 eq 5 and regn eq 3)sexagewt=REGNRACEwt*0.6882.
if (cd1=1 and agecat7 eq 6 and regn eq 3)sexagewt=REGNRACEwt*0.5869.
if (cd1=1 and agecat7 eq 7 and regn eq 3)sexagewt=REGNRACEwt*0.6966.

if (cd1=2 and agecat7 eq 1 and regn eq 3)sexagewt=REGNRACEwt*8.7751.
if (cd1=2 and agecat7 eq 2 and regn eq 3)sexagewt=REGNRACEwt*3.3253.
if (cd1=2 and agecat7 eq 3 and regn eq 3)sexagewt=REGNRACEwt*2.5803.
if (cd1=2 and agecat7 eq 4 and regn eq 3)sexagewt=REGNRACEwt*0.8764.
if (cd1=2 and agecat7 eq 5 and regn eq 3)sexagewt=REGNRACEwt*0.3195.
if (cd1=2 and agecat7 eq 6 and regn eq 3)sexagewt=REGNRACEwt*0.5294.
if (cd1=2 and agecat7 eq 7 and regn eq 3)sexagewt=REGNRACEwt*0.9600.
 * region 4.

if (cd1=1 and agecat7 eq 1 and regn eq 4)sexagewt=REGNRACEwt*2.9959.
if (cd1=1 and agecat7 eq 2 and regn eq 4)sexagewt=REGNRACEwt*3.1682.
if (cd1=1 and agecat7 eq 3 and regn eq 4)sexagewt=REGNRACEwt*1.0988.
if (cd1=1 and agecat7 eq 4 and regn eq 4)sexagewt=REGNRACEwt*0.9082.
if (cd1=1 and agecat7 eq 5 and regn eq 4)sexagewt=REGNRACEwt*0.5328.
if (cd1=1 and agecat7 eq 6 and regn eq 4)sexagewt=REGNRACEwt*0.6309.
if (cd1=1 and agecat7 eq 7 and regn eq 4)sexagewt=REGNRACEwt*0.4229.

if (cd1=2 and agecat7 eq 1 and regn eq 4)sexagewt=REGNRACEwt*4.4873.
if (cd1=2 and agecat7 eq 2 and regn eq 4)sexagewt=REGNRACEwt*3.3801.
if (cd1=2 and agecat7 eq 3 and regn eq 4)sexagewt=REGNRACEwt*2.2207.
if (cd1=2 and agecat7 eq 4 and regn eq 4)sexagewt=REGNRACEwt*1.2264.
if (cd1=2 and agecat7 eq 5 and regn eq 4)sexagewt=REGNRACEwt*0.3699.
if (cd1=2 and agecat7 eq 6 and regn eq 4)sexagewt=REGNRACEwt*0.2978.
if (cd1=2 and agecat7 eq 7 and regn eq 4)sexagewt=REGNRACEwt*2.2165.
 * region 5.

if (cd1=1 and agecat7 eq 1 and regn eq 5)sexagewt=REGNRACEwt*6.8584.
if (cd1=1 and agecat7 eq 2 and regn eq 5)sexagewt=REGNRACEwt*3.6922.
if (cd1=1 and agecat7 eq 3 and regn eq 5)sexagewt=REGNRACEwt*1.2427.
if (cd1=1 and agecat7 eq 4 and regn eq 5)sexagewt=REGNRACEwt*0.8764.
if (cd1=1 and agecat7 eq 5 and regn eq 5)sexagewt=REGNRACEwt*0.5472.
if (cd1=1 and agecat7 eq 6 and regn eq 5)sexagewt=REGNRACEwt*0.5802.
if (cd1=1 and agecat7 eq 7 and regn eq 5)sexagewt=REGNRACEwt*0.5460.

if (cd1=2 and agecat7 eq 1 and regn eq 5)sexagewt=REGNRACEwt*5.1368.
if (cd1=2 and agecat7 eq 2 and regn eq 5)sexagewt=REGNRACEwt*1.8603.
if (cd1=2 and agecat7 eq 3 and regn eq 5)sexagewt=REGNRACEwt*0.9184.
if (cd1=2 and agecat7 eq 4 and regn eq 5)sexagewt=REGNRACEwt*0.7043.
if (cd1=2 and agecat7 eq 5 and regn eq 5)sexagewt=REGNRACEwt*0.3950.
if (cd1=2 and agecat7 eq 6 and regn eq 5)sexagewt=REGNRACEwt*0.6825.
if (cd1=2 and agecat7 eq 7 and regn eq 5)sexagewt=REGNRACEwt*0.4652.
 * region 6.

if (cd1=1 and agecat7 eq 1 and regn eq 6)sexagewt=REGNRACEwt*2.5499.
if (cd1=1 and agecat7 eq 2 and regn eq 6)sexagewt=REGNRACEwt*1.4355.
if (cd1=1 and agecat7 eq 3 and regn eq 6)sexagewt=REGNRACEwt*1.4270.
if (cd1=1 and agecat7 eq 4 and regn eq 6)sexagewt=REGNRACEwt*1.1504.
if (cd1=1 and agecat7 eq 5 and regn eq 6)sexagewt=REGNRACEwt*0.8477.
if (cd1=1 and agecat7 eq 6 and regn eq 6)sexagewt=REGNRACEwt*0.4297.
if (cd1=1 and agecat7 eq 7 and regn eq 6)sexagewt=REGNRACEwt*0.9822.

if (cd1=2 and agecat7 eq 1 and regn eq 6)sexagewt=REGNRACEwt*2.9154.
if (cd1=2 and agecat7 eq 2 and regn eq 6)sexagewt=REGNRACEwt*6.1142.
if (cd1=2 and agecat7 eq 3 and regn eq 6)sexagewt=REGNRACEwt*2.0950.
if (cd1=2 and agecat7 eq 4 and regn eq 6)sexagewt=REGNRACEwt*0.7405.
if (cd1=2 and agecat7 eq 5 and regn eq 6)sexagewt=REGNRACEwt*0.3884.
if (cd1=2 and agecat7 eq 6 and regn eq 6)sexagewt=REGNRACEwt*0.4625.
if (cd1=2 and agecat7 eq 7 and regn eq 6)sexagewt=REGNRACEwt*0.3128.
```

```
 * region 7.

if (cd1=1 and agecat7 eq 1 and regn eq 7)sexagewt=REGNRACEwt*6.8810.
if (cd1=1 and agecat7 eq 2 and regn eq 7)sexagewt=REGNRACEwt*4.9516.
if (cd1=1 and agecat7 eq 3 and regn eq 7)sexagewt=REGNRACEwt*3.9656.
if (cd1=1 and agecat7 eq 4 and regn eq 7)sexagewt=REGNRACEwt*1.4028.
if (cd1=1 and agecat7 eq 5 and regn eq 7)sexagewt=REGNRACEwt*0.3920.
if (cd1=1 and agecat7 eq 6 and regn eq 7)sexagewt=REGNRACEwt*0.2164.
if (cd1=1 and agecat7 eq 7 and regn eq 7)sexagewt=REGNRACEwt*0.6893.

if (cd1=2 and agecat7 eq 1 and regn eq 7)sexagewt=REGNRACEwt*5.1522.
if (cd1=2 and agecat7 eq 2 and regn eq 7)sexagewt=REGNRACEwt*2.3646.
if (cd1=2 and agecat7 eq 3 and regn eq 7)sexagewt=REGNRACEwt*2.6124.
if (cd1=2 and agecat7 eq 4 and regn eq 7)sexagewt=REGNRACEwt*0.6529.
if (cd1=2 and agecat7 eq 5 and regn eq 7)sexagewt=REGNRACEwt*0.2959.
if (cd1=2 and agecat7 eq 6 and regn eq 7)sexagewt=REGNRACEwt*0.4719.
if (cd1=2 and agecat7 eq 7 and regn eq 7)sexagewt=REGNRACEwt*0.5188.

weight by sexagewt.

compute roundwt=sexagewt*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=sexagewt.
if (regn=1)adjwt=sexagewt*1.55789.
if (regn=2)adjwt=sexagewt*0.71702.
if (regn=3)adjwt=sexagewt*1.01442.
if (regn=4)adjwt=sexagewt*0.89841.
if (regn=5)adjwt=sexagewt*1.14221.
if (regn=6)adjwt=sexagewt*1.08199.
if (regn=7)adjwt=sexagewt*0.95968.
*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*0.3019.
if (regn=6)msuewt=adjwt*1.4282.
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*0.4323.
if (msueregn eq 2)statewt=msuewt*0.6492.
if (msueregn eq 3)statewt=msuewt*0.7471.
if (msueregn eq 4)statewt=msuewt*0.5525.
if (msueregn eq 5)statewt=msuewt*0.8941.
if (msueregn eq 6)statewt=msuewt*1.6472.
*compute statewt=statewt*0.9990.
weight by statewt.
```

```
freq var=regn msueregn.

frequencies variables=cd1 cd3 cd5a  rac3 cd8 cd10 cd15 agecat imprace .
recode cd6 (7=6).
freq var=imprace.


Compute laborforce=-9.
If (CD15 lt 7 or cd15=11)laborforce=1.
If (cd15 ge 7 and cd15 lt 11)laborforce=2.
Missing values laborforce (-9).
Value labels laborforce 1 'In the labor force'    2 'Not in labor force'.
Variable labels laborforce 'Is respondent in the labor force or not'.
frequencies variables=laborforce.
crosstabs tables=cd15 by laborforce /cells count column.



*compute statewtsx=statewt.
*if (cd1 =1)statewtsx=statewt*0.955063.
*if (cd1 = 5)statewtsx=statewt*1.045662.
*weight by statewtsx.
*frequencies variables=cd1 cd3 cd5a  rac3 cd8 cd10 cd15 agecat.

*compute statewt=statewtsx.
*weight by statewt.

*recode cd11 (sysmis=-9).
*if (cd10 =1 and (age ge 65 and age lt 99))cd11=1.
*if (cd10=1 and age lt 65)cd11=0.
*recode cd11 (-9=99).


* This calculates household income categories a different way assigning the case
  to the category represented by the last valid (i.e., non-DONT KNOW or REFUSAL)
  response obtained;  It corrects an error in the storing of the separate income question
  responses in the INCOME question in the cati instrument (including an incorrect skip
  pattern and also minimizes the number of cases for which missing data values are
  stored by utilizing their last valid response.
freq var=income.
recode income (sysmis=-9).

missing values inca ().
compute newinc=0.
if (inca=8)newinc=98.
if (inca=9)newinc=99.
if (inca=1)newinc=5.
if (inca=5)newinc=4.
if (incb=1)newinc=2.
if (incb=5)newinc=3.
if (incca=5)newinc=4.
if (incca=1)newinc=3.
if (incc=5)newinc=2.
if (incc=1)newinc=1.
if (incd=1)newinc=7.
if (incd=5)newinc=5.
if (incf=5)newinc=5.
if (incf=1)newinc=6.
if (incg=5)newinc=6.
if (incg=1)newinc=10.
if (incg=5)newinc=7.
if (inch=5)newinc=7.
if (inch=1)newinc=8.
if (incha=5)newinc=8.
if (incha=1)newinc=9.
if (inci=5)newinc=10.
if (inci=1)newinc=11.
missing values newinc (0,98,99).
value labels newinc 1 '< $10k'  2 '$10k < $20k'  3 '$20k <$30k'  4 '$30 < $40k'  5 '$40k < $50k'  6
'$50k < $60k'
      7 '$60k < $70k'  8 '$70k < $90k'  9 '$90k < $100k'  10 '$100k < $150k'  11 '$150k+' 98 'DK'  99
'REF'.
frequencies variables=newinc.


recode cd3 (0 thru 11=1)(12=2)(13 thru 15, 20=3)(16 thru 18=4) into educat4.
```

```
value labels educat4 1 'LT HS'  2 'HS'  3 'Some College'  4 'College+'.
frequencies variables=educat4.
recode age (18 thru 24=1)(25 thru 99=2) into ed25.
value labels ed25 1 '< 25'  2 '25+'.
frequencies variables=ed25.
crosstabs tables=educat4 by ed25 /cells count column.


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

compute roundwt=statewt*10.
weight by roundwt.
freq var=cd1.


var labels
     newregn2 'Alternate coding of cases into regions based on FIPS'/
     listwt 'Weight adjustment for listed vs nonlisted numbers'/
     phwt 'Weight adjustment for number of phone lines to HHLD'/
     adltwt 'Weight adjustment for number adults in HHLD'/
     age 'Rs age calculated from year born (CD2)'/
     agecat  'Rs age in categories'/
     rac3   'Rs race in 3 categories and missing'/
     mult2  'Number racial groups R claims'/
     races  'Rs race in 6 categories'/
     imprace 'Rs race in 3 categories with imputation if missing'/
     adj1 'interim weight adjustment'/
     ovrsamwt 'interim weight adjustment'/
     REGNRACEwt 'Sex x Race x Region weight adjustment'/
     sexagewt  'Age x Region weight adjustment'/
     adjwt 'Adjustment to correct rounding errors within region'/
     msuregn '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)'.



compute adjwt10=adjwt*10000.
compute msuewt10=msuewt*10000.
compute statewt10=statewt*10000.
*compute racewt=racewt*10000.
execute.
weight by statewt.
recode cd1 (1=1)(2=5).
execute.

write Outfile='f:\soss\sosses\soss61\soss61wt.dat'
 /1          CASEID 1-5 (A)          ID1 1-5 (A)             R1 6 (A)
          cnty 7-11          regn 12        random 13 (A)
       random2 14-15 (A)       listed 16             CC1 17
              CC2 18             CC3 19            CC4 20
              CC5 21             CC6 22            A1 23-24
              PO1 25             PO2 26            D10 27
              D11 28             D12 29            P4a 30-31
          climate1 32        itemseq_1 33        itemseq_2 34
          itemseq_3 35        itemseq_4 36        itempos_1 37
          itempos_2 38        itempos_3 39        itempos_4 40
            numitem 41     climate0 42 (A)        climate2a 43
          climate2b 44        climate2c 45        climate2d 46
           climate3 47        climate3a 48        climate3b1 49
          climate3b2 50       climate3b3 51       climate3b4 52
          climate3b5 53        climate3c 54        climate4 55
           climate5 56        newecon1a 57        newecon1b 58
          newecon1c 59        newecon1d 60        newecon1e 61
          newecon1f 62        newecon1g 63        newecon2 64
           newecon3 65           net01 66           net02 67
             net03 68          net04@a 69          net04@b 70
            net04@c 71          net04@d 72          net04@e 73
```

```
               net04@f 74            net04@g 75              net1 76
                 nety1 77              nety2 78             nety3 79
                 nety4 80
/2               nety5 1               nety6 2              nety7 3
                 nety8 4               nety9 5             nety10 6
                nety11 7               netn1 8              netn2 9
                netn3 10              netn4 11             netn5 12
                netn6 13              netn7 14             netn8 15
                netn9 16             netn10 17               ta1 18
                  ta2 19                ta4 20               ta5 21
                  ta6 22                 v1 23                v4 24
                   v5 25              newv5 26                 v8 27
              volopp 28-29             av1 30                av2 31
                  av3 32                av4 33                av5 34
                  CD1 35              CD2 36-37           CD3 38-39
                 CD5a 40              CD4@a 41             CD4@b 42
                CD4@c 43              CD4@d 44             CD4@e 45
                CD4@f 46              CD6 48-49            CD7@a 50
                CD7@b 51              CD7@c 52             CD7@d 53
              partyid 54             P17@a 55            P17@b 56
                P17@c 57             P17@d 58           ideology 59
                  vi2 60                vi3 61                vi4 62
                  vi5 63                CD8 64           CD10 65-66
               CD11 67 (A)          CD15 68-69              UN1 70
                  UN2 71                UN3 72              inca 73
                 incb 74              incca 75              incc 76
                 incd 77               incf 78              incg 79
/3               inch 1               incha 2              inci 3
              income 4-5              CD26 6                X1 7
            zipcode 8-12 (A)
/4          contacts 1-2         length 3-6        idate 7-14 (A)
             iwer 15-17 (A)       males 18-19 (A)     females 20-21 (A)
           climate3bNEW 28       climate3b1NEW 29      climate3b2NEW 30
          climate3b3NEW 31       climate3b4NEW 32      climate3b5NEW 33
          climate3b6NEW 34
          races  57        AGECAT 58          ADJWT10 59-65
            MSUEREGN 66                     MSUEWT10 67-73
           STATEWT10 74-80      rac3 81      AGE 82-84      imprace 85      newinc  86-87
           sample 88   educat4 90 .
execute .
```

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.