METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-46]

Fall 2007 Round

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NOTE TO THE READER

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

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

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

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

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

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

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

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

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

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

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

2. CALENDAR

People's experiences and the public mood change not only from year to year but also with the seasons. It is important to establish baselines for understanding what is a "normal" seasonal fluctuation and what is a more permanent change. For

this reason, SOSS is conducted at regular quarterly intervals. Roughly one-fourth of the questions are repeated in each quarterly round.

SOSS has seasons itself, however, by focusing the main theme of each round of the survey on topics that correspond with the annual cycle of major events in Michigan and at Michigan State University. In general, the intended cycle is as follows:

Fall. The Fall round in even-numbered years focuses on elections, political participation, and political attitudes and orientations. In odd-numbered years, the Fall round tends to focus on health and the environment.

Winter. The Winter round in each year focuses on the state of the state of Michigan, in particular on the performance of governmental institutions at all levels, on the subjective quality of life of Michigan's citizens (satisfaction with public education, work, protection from crime, environmental preservation, and so forth), and on the desire for reform in Michigan's political economy. This information should help to inform the public discussion around the time of the Governor's annual budget message. In addition, questions on the public's perceptions of Michigan's higher educational institutions should help to inform public discussion around the time of the annual "State of MSU" address by the President of the University.

Spring. The Spring round has as its main theme the state of Michigan families, the role and status of women, and the status of children. Assessments of public opinion concerning issues of women's rights, the status of children, and related issues will help to inform policy debates.

Summer. The Summer round focuses primarily on the state of ethnic Michigan, i.e., the vitality and diversity of Michigan's ethnic and racial communities. SOSS assesses the strength of ethnic ties and identities, perceptions of various ethnic groups (tolerance, stereotyping), and experiences of intolerance or discrimination. In addition, the extent of attachment to and vitality of wider communities (towns and cities) is an important mark of the quality of life in Michigan.

From time to time, SOSS may depart from this thematic plan when particular sponsorship or pressing issues make it necessary or desirable. Beyond the core set of interview items, SOSS-46 focused primarily on environmental issues. It included questions on renewable energy (beliefs, policy-relevant opinions), on global warming (beliefs, causes, governmental response options), on alternative sources of energy and opinions on the role of government in encouraging these, on support of reducing pollution and greenhouse gases, and on the cost of energy and

individual plans for addressing cost concerns. SOSS-46 also included questions on security concerns and options regarding the Michigan-Canadian border, on college education admissions preference policies, and on opinions as to the strategic goals of MSU Extension.

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 bloc 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 questionnaire consists almost entirely of closed-ended questions. Verbatim responses are used and open-ended coding are required for these questions.

A word of caution is in order on the use of the data. Because of the inclusion of question-order and question-wording experiments, the codebook for the survey, containing the raw or weighted frequency distribution of responses, may be difficult to interpret and must be used carefully. Often, alternative variants of questions will be combined into composite measures in the final data that are distributed, but the original questions also remain in the codebook and data set. Although OSR will

do its best to document such situations, it is the responsibility of the data users and analysts, not of the OSR, to assure that the appropriate variants of questions are used in analyses and reports. A copy of the CATI interview program with the skip patterns indicated by "[goto ...]" commands and "[if ...]" commands accompanies the codebook to help clarify the paths particular respondents would take through the interview.

4. MANAGEMENT AND ORGANIZATION

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

OSR staff is responsible for the technical work of programming the CATI survey instrument, training and supervising interviewers, selection and administration of the sample, coding of data, and preparation of the final data set and documentation. In addition, OSR staff works with and advises the principal 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 Working Group for the Fall 2007 survey was comprised of:

Dr. James Glaser, Dean of Undergraduate Education and Professor of Political Science School of Arts and Sciences, Tufts University

Dr. Stephen Lovejoy, Associate Director of Programs, Michigan State University (MSU) Extension, CANR, Michigan State University

Dr. Scott Loveridge, Professor, Director of Graduate Studies, Department of Agricultural Economics, CANR, Michigan State University

Dr. Barry Rabe, Professor of Public Policy, Gerald R. Ford School of Public Policy, University of Michigan

Dr. Christopher P. Borick, Associate Professor, Director, Institute of Public Opinion Political Science, Muhlenberg College

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

Dr. David I. Johnson, Professor, Fisheries and Wildlife, Michigan State University

Dr. Michael R. Klepinger, Visiting Specialist, Land Policy Institute, Michigan State University

Dr. Dennis B. Propst, Professor, Forestry and Community, Agriculture, Recreation and Resource Studies, Michigan State University

Dr. Edmund F. McGarrell, Professor and Director of the School of Criminal Justice, Michigan State University

Brig. Gen. Michael C. McDaniel, J.D., M.S.S., M.A.., Governor's Advisor on Homeland Security and Assistant Adjutant General for Homeland Security, Department of Military and Veterans Affairs

M. John Bustria, M.P.A., M.P.M., M.A., M.A., Homeland Security Research Fellow, State of Michigan.

AnnMarie Schneider, M.S., Director for Program Planning and Development, Director, MSU Legislative Leadership Program, Institute for Public Policy and Social Research, Michigan State University

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2007 series of surveys:

Organizations

Area Agencies on Aging Association of Michigan
Aspen Institute
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
Tufts University

Michigan State University

Applied Policy Grants Initiative
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 Use Policy Institute
Legislative Leadership Program
Managed Care Institute
Michigan Agricultural Experiment Station

MSU Extension
MSU Institute for Children Youth and Families
Office of the Provost
Office of the Vice President for Research and Graduate Studies
Office of the Vice Provost for University Outreach
School of Criminal Justice
School of Labor and Industrial Relations
School of Social Work

6. DISSEMINATION OF RESULTS

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

Each round of the survey has an identified set of Principal Investigators (PI's) who have priority in access to the data for that round but also certain obligations. The PI's have exclusive right to prepare scientific papers for publication from the data for that survey for a period of six months after the end of the field date.

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

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

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

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

7. SAMPLE DESIGN

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

Stratification. To assure representation of major regions within Michigan, the sample was stratified into six regions, each consisting of a set of contiguous counties, plus the City of Detroit. The grouping of counties corresponds to that used by MSU Extension prior to July 2005 with Detroit separated out from the Southeast region.

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

1. Upper Peninsula (Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Ontonagon, Mackinac, Marquette, Menominee, Schoolcraft)

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

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

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

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

6. Southeast (Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, Wayne [excluding Detroit])

7. Detroit City

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

In July 2005, the MSU Extension reconfigured its regions from six to five. The only region that did not change in terms of the counties comprising it was the Upper Peninsula. The new regional configuration is as follows:

Region 1 Upper Peninsula: Menominee, Delta, Chippewa, Luce, Mackinac, Schoolcraft, Alger, Marquette, Dickinson, Iron, Gogebic, Baraga, Ontonagon, Keweenaw, Houghton.

Region 2 North: Emmet, Cheboygan, Presque Isle, Alpena, Montmorency, Otsego, Charlevoix, Leelanau, Benzie, Grand Traverse, Kalkaska, Crawford, Oscoda, Alcona, Iosco, Antrim, Manistee, Missaukee.

Region 3 Central: Kent, Ottawa, Gratiot, Montcalm, Newaygo, Midland, Isabella, Mecosta, Oceana, Bay, Arenac, Gladwin, Clare, Osceola, Lake, Mason, Ogemaw, Roscommon, Wexford.

Region 4 Southwest: Lenawee, Hillsdale, Branch, St Joseph, Cass, Berrien, Jackson, Calhoun, Kalamazoo, Van Buren, Ingham, Eaton, Barry, Allegan, Shiawassee, Clinton, Ionia, Muskegon.

Region 5 Southeast: Monroe, Wayne, Washtenaw, Livingston, Oakland, Macomb, St Clair, Lapeer, Genesee, Sanilac, Saginaw, Tuscola, Huron.

Particularly for purposes of maintaining the longitudinal value of the State of the State Survey data sets, OSR elected to continue using the original regional configuration as the basis for the stratified sampling design of each survey. OSR will continue to calculate caseweights that will allow generalizations to these regions that take full advantage of the disproportionate sampling design. However, to maintain the utility of the SOSS data sets for MSU Extension purposes, as of SOSS 38, we have constructed a variable (MSUE2005r5) aggregating counties into the new MSUE regional groupings and have constructed a separate set of caseweights appropriate for these regions.

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 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. Limiting the portion of SOSS-46's sample of completed interviews derived from re-interviews with SOSS-45 participants to less than half of the total number of SOSS-46 interviews ensures that there should be sufficient numbers of respondents who will be willing to be re-contacted and will be reachable for the next round of SOSS. 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.

Respondents' households newly enlisted to participate for SOSS-46 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-46, a total of 5,630 phone numbers were used, 464 in the re-contact segment and 5,166 in the new RDD segment. The working phone number rate was 96.8% in the re-contact segment and 73.2% 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 is to be approximately 1,000.

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

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

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

To construct the remaining weights, characteristics of the population of the regions were drawn from 2000 census data. To make generalizations about individuals' views and behaviors, it is necessary to ensure that each respondent in a survey sample has an equal probability of selection or is represented in the data set as having had equal probabilities of being selected. However, since households with multiple phone lines have more chances of being selected into the sample than those with only one phone line, this source of unequal chances has to be adjusted for in analyzing the data. Consequently, the SOSS interview included a question asking respondents how many separate phone numbers the household has. In the event of item non-response, the number of phone lines was assumed to be one. Each case was then weighted by the reciprocal of the number of phone numbers and then adjusted so that the total number of cases matched the actual number of completed interviews. In the data set this weight is named PHWT.

Similarly, an adult in a two-adult household would have half the chance of being selected to be interviewed as would the only adult in a single adult household. This, too, requires adjustment to correct for unequal probabilities of selection. The interview included a question as to the number of persons 18 years of age or older living in the household. In the event of item non-response, the household was assumed to have only one adult. Each case was then weighted by the inverse of its probability of selection within the household, or by the number of adults in the household. This was then also adjusted so that the total number of weighted cases matched the actual number of completed interviews. In the data set, this weight is named ADLTWT.

At this point, the adjustment was intended primarily to facilitate accurate weighting to adjust for non-response based on age, gender, and race within SOSS regions. It is common for some groups of individuals to be more difficult to reach or more likely to refuse in RDD (random-digit dialing) surveys. For making generalizations about the population from which the sample was drawn, the accuracy of the results can be distorted by these non-response patterns. Consequently, it is common to weight cases in the sample to adjust for non-response. This is accomplished by weighting each case so that cases of each type appear in the sample proportionately to their representation in the general population.

For the State of the State Survey, cases are weighted so that the proportions of white males, African American males, other racial group males, white females, African American females, and other racial group females in the sample for each region matched the proportions each of these groups represent in the adult population of each of the original MSU Extension regions and the City of Detroit based on the 2000 Census. In the data set, this weighting factor is named RACGENCT. Furthermore, within each of the original MSU Extension regions and

the city of Detroit, the cases were additionally weighted so that the proportion of cases falling into each of the following age groups matched the proportions in the 1990 Census for each region: 18 - 24 years old, 25 - 29, 30 - 39, 40 - 49, 50 - 59, 60 - 64, and 65 or older. In the data set, this weighting factor is named AGEWT (since rounding and missing data sometimes result in the weighted number of cases differing slightly from the actual number, AGEWT is adjusted slightly with ADJWT to ensure that the number of cases for each region in the weighted data set is the same as the actual number of interviews completed). Detroit continues to be a separate stratum to this point, but a new variable MSUEREGN was constructed to fold Detroit proportionately into the Southeast region within that variable. A new weighting variable (MSUEWT) was constructed to represent Detroit proportionately correctly within the southeast MSUEREGN.

Since the sample was drawn disproportionately across the original six MSUE regions of the state (with Detroit in the Southeast region), statewide estimates of the citizenry's opinions require post-stratification weights to adjust for the over-sampling of some regions and the under-sampling of others. Thus each case was weighted so that the proportion of cases from each region in the total sample matched the proportion of adults from the corresponding region in the state's population based on 2000 Census data. The weighting factor for this post-stratification weighting in the data set is named STATEWT.

It is important to note that these weight factors were constructed sequentially and build on the earlier steps. Thus, AGEWT weights cases adjusting for the number of phone lines, the number of adults in the household, the number of respondents from each county, the gender x race category proportions within the region, and the age category proportions within regions. STATEWT weights cases by all of those adjustments implied by AGEWT and adjusts the proportions of cases across regions. **For developing statewide results**, the user should use the data weighted by STATEWT and select only those cases for which the value of the variable SAMPLE is less than 3. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the data weighted by ADJWT, again selecting only cases for which SAMPLE is less than 3. **To compare directly the original MSUE regions**, the data should be weighted by MSUEWT and cases selected for which SAMPLE is less than 3.

As we noted above, beginning with SOSS-38, we have constructed an alternative set of weights based on the new MSU Extension regions. To identify regions, we grouped cases based on the respondent's county of residence into one of six regional groupings (including Detroit as a separate region) in a variable named MSUE2005. The race x sex x age profile of the sample (weighted by adltwt) was then compared to the corresponding profile in the 2000 U.S. Census for each region and the city of Detroit. For this comparison, respondents' ages were collapsed into

one of four categories: 18-29, 30-44, 45-64, and 65 or older. This variable is labeled AGECAT4. A weight value (NEWADJWT) was calculated for each case that is intended to adjust the cases within each region to match the race x sex x age profile while keeping Detroit separate from the new Southeast Extension region. Another region variable (MSUE2005r5) was constructed representing only the five new Extension regions with Detroit included in the Southeast region and then an additional weighting adjustment was made for cases in the Southeast region so that Detroit cases were proportionately represented within the region and the total number of weighted cases in each region equaled the actual number of interviews. This weight variable, **MSUE2005WT**, should be used when the new Extension regions are to be compared to each other. **NEWADJWT** should be used if the new Extension regions are to be compared to each other with Detroit separated out for comparison to other regions of the state.

Table A in the Appendix presents the characteristics of the unweighted respondents on several characteristics, in comparison with the population in each region and in the state of Michigan as a whole.

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

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

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

REGION	Number of Cases	Margin of Sampling Error
Upper Peninsula	49	± 14.1%
Northern Lower Peninsula	84	± 10.8%
West Central	195	± 7.0%
East Central	164	± 7.7%
Southwest	151	± 8.0%
Southeast	201	± 6.9%
Detroit	157	± 7.8%

Statewide Total	1,001	± 3.1%

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 4.3.7) 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 55 different interviewers were involved in data collection on the 46th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on October 8, 2007, and continued through November 26, 2007.

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 12.0 minutes (standard deviation= 3.2) with a median of 12.0 minutes. In the case of an initial refusal, numbers were called back after five days (although this was shortened as the end of the field period neared). Efforts were made to persuade initially reluctant respondents to complete the interview.

Completion Rate. A total of 1,001 interviews was completed, 273 with participants re-contacted from the SOSS-45 survey and 728 with new RDD participants. The overall completion rate among eligible households for the study was 34.3% (28.7% in the new RDD segment and 72.8% in the re-contact segment).[1]

[1] This is based on computation and classification coding developed by the advisory team (continued...)

Of those completing the interview, the mean number of calls required was 4.8 (4.0 among the re-contact cases and 4.25 among the new RDD cases). Interviewers made a total of 33,965 calls to complete the 1,001 interviews.

The refusal rate was 24.8%.

9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

a. Methodological Report
b. Questionnaire (included in Methodological Report)
c. Codebook (included in Methodological Report)
d. Coding instructions (included in Methodological Report)
e. SPSS (windows) commands to read the ASCII data set
f. SPSS commands for weighting cases in the sample

[1](...continued)
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-46 was 33.0%, the refusal rate (REF2) was 21.5%, the cooperation rate was 60.5%, and the contact rate was 86.2%.

10. DATA FORMAT AND ARCHIVING

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

11. APPENDIX

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

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

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

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

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

12. QUESTIONNAIRE (Fall, 2007)

```
CONSENT< [loc 0/550]

 Before we begin, let me tell you that this interview is voluntary.
 Let me also tell you that this interview is completely confidential. Your
 privacy will be protected to the maximum extent allowable by law. 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.

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

 [yellow]READ ONLY IF NECESSARY:

 (If you have any questions about your rights or role as a subject of
 research, you may contact Dr. Peter Vasilenko, Chair of the University
 Committee for Research Involving Human Subjects at 517.355.2180. Should
 you have any questions about this study or your participation in it,
 you are welcome to contact Karen Clark at  517.353.1762) [n]

 I HAVE READ THE CONSENT STATEMENT TO THE RESPONDENT.............1 @

 [@] <1> CONSENT READ AND RECORDED

>global<  [allow 4] [copy global in global]
>gwstart<  [allow 4][copy gwstart in gwstart]
>gwstop<  [allow 4] [copy gwstop in gwstop]

>border<  [allow 4] [copy border in border]
>bsstart<  [allow 4] [copy bsstart in bsstart]
>bsstop<  [allow 4] [copy bsstop in bsstop]

>msue<       [allow 4] [copy msue in msue]
>msuestart<  [allow 4][copy msuestart in msuestart]
>msuestop<  [allow 4] [copy msuestop in msuestop]

>glaser<  [allow 4] [copy glaser in glaser]
>glstart<  [allow 4] [copy glstart in glstart]
>glstop<  [allow 4] [copy glstop in glstop]

>energy<  [allow 4] [copy energy in energy]
>enstart<  [allow 4] [copy enstart in enstart]
>enstop<  [allow 4] [copy enstop in enstop]


>demo<     [allow 4] [copy demo in demo]
>dstart<   [allow 4] [copy dstart in dstart]
>dstop<    [allow 4] [copy dstop in dstop]

>core<     [allow 4] [copy core in core]
>cstart<   [allow 4] [copy cstart in cstart]
>cstop<    [allow 4] [copy cstop in cstop]


>ID1< [allow 5][loc 18/1][#store csid in ID1] [copy ID1 in ID1]
>R1<  [allow 1][#preset <1>]  [copy R1 in R1]
>cnty< [allow 5][#inputloc 1/23]   [copy cnty in cnty]
>regn< [allow 1][#inputloc 1/29] [copy regn in regn]
                                 1 upper pen
                                 2 northern
                                 3 west central
                                 4 east central
                                 5 southwest
                                 6 southeast
                                 7 Detroit
>newreg5< [allow 1]
>random<  [allow 1][#inputloc 1/122] 1-5 [copy random in random]
>random1< [allow 1][#inputloc 1/124] 1-3 [copy random1 in random1]
>random2< [allow 1][#inputloc 1/126] 0-9 [copy random2 in random2]
```

```
>random3< [allow 1][#inputloc 1/128] 1-2 [copy random3 in random3]

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



>CC1< [#settime cstart]

  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?

         BETTER OFF.....................1
         ABOUT THE SAME (R PROVIDED).....2
         WORSE OFF.....................3 @

             DO NOT KNOW.................8
             REFUSED/NO ANSWER...........9

        [@]<1> BETTER OFF <2> ABOUT THE SAME <3> WORSE OFF
        <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>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?

          BETTER OFF.....................1
          ABOUT THE SAME (R PROVIDED).....3
          WORSE OFF.....................5 @

             DO NOT KNOW.................8
             REFUSED/NO ANSWER...........9

        [@]<1> BETTER OFF <3> ABOUT THE SAME <5> WORSE OFF
        <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>CC3<

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

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

          EXCELLENT.....................1
          GOOD..........................2
          JUST FAIR.....................3
          NOT SO GOOD...................4
          POOR..........................5 @

           DO NOT KNOW.................8
           REFUSED/NO ANSWER...........9

     [@]<1> EXCELLENT <2> GOOD <3> JUST FAIR <4> NOT SO GOOD <5> POOR
        <8> DO NOT KNOW[missing] <9> REFUSED[missing]



>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]?

          GO UP.........................1
          GO DOWN ......................3
          STAY ABOUT THE SAME...........5 @
```

DO NOT KNOW.....8
REFUSED/NO ANSWER.....9

[@]<1>GO UP <3> GO DOWN <5> STAY ABOUT THE SAME
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>CC5<

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

BETTER THAN.....1
WORSE THAN.....3
ABOUT THE SAME.....5 @

DO NOT KNOW.....8
REFUSED/NO ANSWER.....9

[@]<1> BETTER THAN <5> ABOUT THE SAME <3> WORSE THAN
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>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?

GOOD TIMES.....1
BAD TIMES.....3
NEITHER GOOD NOR BAD; MEDIOCRE
STAY THE SAME(R PROVIDED).....5 @

DO NOT KNOW.....8
REFUSED/NO ANSWER.....9

[@]<1> GOOD TIMES <3> BAD TIMES <5> NEITHER
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>PO1<

The next few questions are about our elected officials and national security.

Overall, how would you rate the way George W. Bush is performing his job as President?

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

EXCELLENT.....1 @
GOOD.....2
FAIR.....3
POOR.....4

DO NOT KNOW.....8
REFUSED/NO ANSWER.....9

[@]<1> EXCELLENT <2> GOOD <3> FAIR <4> POOR
<8> DO NOT KNOW[missing] <9>[missing] REFUSED

>PO2<

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

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

EXCELLENT.....1 @
GOOD.....2

```
           FAIR.............................3
           POOR.............................4

             DO NOT KNOW..................8
             REFUSED/NO ANSWER............9

         [@]<1> EXCELLENT <2> GOOD <3> FAIR <4> POOR
         <8> DO NOT KNOW[missing] <9>[missing] REFUSED

>SEC4<

  All in all, how concerned are you that the United States might suffer
  another terrorist attack in the next 3 months?

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

           VERY CONCERNED...................1 @
           SOMEWHAT CONCERNED...............2
           NOT VERY CONCERNED...............3
           NOT CONCERNED AT ALL.............4

           DO NOT KNOW..................8
             REFUSED/NO ANSWER............9
         [@]<1> VERY CONCERNED <2> SOMEWHAT CONCERNED <3> NOT VERY CONCERNED
            <4> NOT CONCERNED AT ALL
            <8>[missing] DON'T KNOW    <9>[missing] REFUSED

>reng1< [#settime cstop][#settime enstart]

 Next, I would like to ask you some questions about renewable energy
 and energy efficiency.

 When you hear the term "renewable energy" what one or two words come to
 mind?

     WIND, SOLAR, WATER POWER.................1 FIRST MENTION . 0 @a
     NUCLEAR POWER, HYDROGEN POWER............2 SECOND MENTION..0 @b
     BIO-FUELS, ETHANOL,(CORN, GRAIN,WOOD,ETC)..3
 [cyan](anything that comes from natural sources)[n]
     SUSTAINABLE ENERGY/RENEWABLE SOURCE........4
     EFFICIENCY/ENERGY EFFICIENCY/CONSERVATION..5
     ELECTRIC CARS/HYBRID CARS,.................6  GLOBAL WARMING.......16
     EXPENSIVE/HIGHER COST......................7  FOSSIL FUELS.........17
     LESS EXPENSIVE/LOWER COST..................8
     ABILITY TO RE-USE/RECYCLED.................9
 [cyan](rechargable batteries)[n]
     GREEN, ENVIRONMENTALLY FRIENDLY...........10
     UNNECESSARY, NOT GOOD, NOT NEEDED.........11
     GOOD, BETTER,NECESSARY....................12
     FUTURE/PROGRESS...........................13
     COST OF ENERGY/ENERGY BILLS/PAYING ENERGY.14

     NOTHING/NOT SURE..........................15

                   NO OTHER MENTIONS....90
                   DO NOT KNOW..........98
                   REFUSED .............99

 [@a] [#specify]
      <1> WIND, SOLAR, WATER POWER <2> NUCLEAR POWER, HYDROGEN POWER <3> BIO-FUELS,
ETHANOL,(CORN, GRAIN,WOOD,ETC)
      <4> SUSTAINABLE ENERGY/RENEWABLE SOURCE <5>  EFFICIENCY <6> ELECTRIC CARS/HYBRID CARS
      <7> EXPENSIVE/HIGHER COST <8> LESS EXPENSIVE/LOWER COST <9> ABILITY TO RE-USE/RECYCLED
      <10> GREEN, ENVIRONMENTALLY FRIENDLY <11> UNNECESSARY, NOT GOOD, NOT NEEDED
      <12> GOOD, BETTER <13> FUTURE/PROGRESS <14> COST OF ENERGY/ENERGY BILLS/PAYING FOR ENERGY
      <15> NOTHING/NOT SURE  <16> GLOBAL WARMING <17> FOSSIL FUELS
      <98> DO NOT KNOW[goto split2] <99> REFUSED[goto split2]
 [@b] [#specify]
```

<1> WIND, SOLAR, WATER POWER <2> NUCLEAR POWER, HYDROGEN POWER <3> BIO-FUELS, ETHANOL,(CORN, GRAIN,WOOD,ETC)
<4> SUSTAINABLE ENERGY/RENEWABLE SOURCE <5> EFFICIENCY <6> ELECTRIC CARS/HYBRID CARS
<7> EXPENSIVE/HIGHER COST <8> LESS EXPENSIVE/LOWER COST <9> ABILITY TO RE-USE/RECYCLED
<10> GREEN, ENVIRONMENTALLY FRIENDLY <11> UNNECESSARY, NOT GOOD, NOT NEEDED
<12> GOOD, BETTER <13> FUTURE/PROGRESS <14> COST OF ENERGY/ENERGY BILLS/PAYING FOR ENERGY
<15> NOTHING/NOT SURE <16> GLOBAL WARMING <17> FOSSIL FUELS
<98> DO NOT KNOW <99> REFUSED <90> NO MORE MENTIONED

>split2< [if random3 eq <2> goto reng3a]

>reng2a<

Renewable energy is energy that comes from sources such as solar, water, and wind power.

How important is it to [bold]you[n] and your family that you use energy generated from renewable energy sources?

Would you say it is very important, somewhat important, not very important, or not important at all?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NOT VERY IMPORTANT.....3
NOT IMPORTANT AT ALL.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <99> REFUSED[missing]

>reng2b<

How important do you think using renewable energy is to your [bold]neighbors?[n]

Would you say it is very important, somewhat important, not very important, or not important at all?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NOT VERY IMPORTANT.....3
NOT IMPORTANT AT ALL.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <99> REFUSED[missing]
[default goto reng4c]

>reng3a<

Energy efficency is getting the most benefit from the energy that is used to lighting, running appliances, and heating our homes.

How important is it to [bold]you[n] and your family that you use energy efficiently?

Would you say it is very important, somewhat important, not very important, or not important at all?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2

NOT VERY IMPORTANT.....3
NOT IMPORTANT AT ALL.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <99> REFUSED[missing]

>reng3b<

How important do you think using energy efficently is to your [bold]neighbors?[n]

Would you say it is very important, somewhat important, not very important,
or not important at all?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NOT VERY IMPORTANT.....3
NOT IMPORTANT AT ALL.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <99> REFUSED[missing]

>reng4c<

Next, I would like to read you a series of statements and have you tell me
to what extent you agree or disagree with each.

The state should require Michigan utility companies to do more to promote
energy efficiency and the use of renewable energy.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE (VOL).3
SOMEWHAT DISAGREE.....4
STRONGLY DISAGREE.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng4a<

I would support the development of renewable energy sources even if
it meant some changes to the appearance of my community.

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

[yellow]IWER: USE THIS DEFINITION: "Renewable energy is energy that
comes from sources such as solar, water, and wind power."[n]

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE (VOL).3
SOMEWHAT DISAGREE.....4
STRONGLY DISAGREE.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng4b<

It is the state's responsibility to encourage the development and use of renewable energy sources.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE (VOL).3
SOMEWHAT DISAGREE.....4
STRONGLY DISAGREE.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>split3< [if random3 eq <1> goto reng6d]

>reng6a<
Next, I would like to read you some proposed plans for increasing [bold]energy efficiency[n] in our state. Please tell me how likely you would be to support each.

Offering tax incentives to consumers and businesses that use energy efficient appliances, light fixtures, or heating systems.

Would you be very likely, somewhat likely, somewhat unlikely, or very unlikely to support this?

VERY LIKELY.....1 @
SOMEWHAT LIKELY.....2
SOMEWHAT UNLIKELY.....3
VERY UNLIKELY.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY <4> VERY UNLIKELY
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng6b<

Increasing the energy efficiency standards for new homes and commercial buildings?

(Would you be very likely, somewhat likely, somewhat unlikely, or very unlikely to support this?)

VERY LIKELY.....1 @
SOMEWHAT LIKELY.....2
SOMEWHAT UNLIKELY.....3
VERY UNLIKELY.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY <4> VERY UNLIKELY

<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng6c<

Adopting statewide energy efficiency standards for appliances?

(Would you be very likely, somewhat likely, somewhat unlikely, or very unlikely to support this?)

VERY LIKELY.....1 @
SOMEWHAT LIKELY.....2
SOMEWHAT UNLIKELY.....3
VERY UNLIKELY.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY <4> VERY UNLIKELY
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto reng7]

>reng6d<

Next, I would like to read you some proposed plans for increasing renewable energy use in our state. Please tell me how likely you would be to support each.

Offering tax incentives to consumers and businesses to develop and implement smaller renewable energy systems such as solar panels?

Would you be very likely, somewhat likely, somewhat unlikely, or very unlikely to support this?

VERY LIKELY.....1 @
SOMEWHAT LIKELY.....2
SOMEWHAT UNLIKELY.....3
VERY UNLIKELY.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY <4> VERY UNLIKELY
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng6e<

Constructing large renewable energy generators like wind turbine farms?

(Would you be very likely, somewhat likely, somewhat unlikely, or very unlikely to support this?)

[bold]IWER: USE THIS PROBE: "A wind turbine is a large windmill used to generate electricity."[n]

VERY LIKELY.....1 @
SOMEWHAT LIKELY.....2
SOMEWHAT UNLIKELY.....3
VERY UNLIKELY.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY <4> VERY UNLIKELY
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng7<

Currently, Michigan generates 3 percent of its electricity from renewable sources. The legislature is [bold]considering a requirement[n] for utility companies to supply [bold]10 percent[n] of electricity from renewable sources

by 2015.

Do you think this percentage is too high, too low, or about right?

TOO HIGH.....1 @
TOO LOW.....2
ABOUT RIGHT.....3

DO NOT KNOW.....8
REFUSED 9

[@] <1> TOO HIGH <2> TOO LOW <3> ABOUT RIGHT
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>reng8<

Would you approve or dissaprove of the state of Michigan using tax dollars to upgrade electrical grids, increase energy efficiency, and add renewable energy sources?

APPROVE .....1 @
DISAPPROVE.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> APPROVE <5> NO DISAPPROVE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gw1< [#settime enstop][#settime gwstart]

Next, I would like to ask you a few questions on the issue of global warming.

From what you've read and heard, is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

YES.....1 @
NO.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> YES <5> NO[goto gw9]
<8> DO NOT KNOW[missing][goto gw9] <9> REFUSED [missing][goto gw9]

>gw2<

Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment?

HUMAN ACTIVITY.....1 @
NATURAL PATTERNS.....3

COMBINATION (VOL).....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> HUMAN ACTIVITY <3> NATURAL PATTERNS <5> COMBINATION
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gw3<

Next, I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer.

For each factor I mention please indicate if it has had a strong effect, a moderate effect, a small effect, or no effect on your view that the earth is getting warmer.

Declining glaciers and polar ice throughout the globe.

STRONG EFFECT.....1 @
MODERATE EFFECT.....2
A SMALL EFFECT.....3
NO EFFECT.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> STRONG EFFECT <2> MODERATE EFFECT <3> SMALL EFFECT <4> NO EFFECT
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gw4<

Warmer temperatures in your area during recent years.

(Has this had a strong effect, a moderate effect, a small effect, or no effect on your view that the earth is getting warmer?

STRONG EFFECT.....1 @
MODERATE EFFECT.....2
A SMALL EFFECT.....3
NO EFFECT.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> STRONG EFFECT <2> MODERATE EFFECT <3> SMALL EFFECT <4> NO EFFECT
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gw5<

Computer models that indicate the earth is getting warmer.

(Has this had a strong effect, a moderate effect, a small effect, or no effect on your view that the earth is getting warmer?

STRONG EFFECT.....1 @
MODERATE EFFECT.....2
A SMALL EFFECT.....3
NO EFFECT.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> STRONG EFFECT <2> MODERATE EFFECT <3> SMALL EFFECT <4> NO EFFECT
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gw6<

The strength of Hurricane Katrina.

(Has this had a strong effect, a moderate effect, a small effect, or no effect on your view that the earth is getting warmer?

STRONG EFFECT.....1 @
MODERATE EFFECT.....2
A SMALL EFFECT.....3
NO EFFECT.....4

DO NOT KNOW....8
REFUSED 9

```
     [@] <1> STRONG EFFECT <2> MODERATE EFFECT  <3> SMALL EFFECT <4> NO EFFECT
     <8> DO NOT KNOW[missing]  <9> REFUSED [missing]


>gw7<

  Al Gore's documentary "An Inconvenient Truth".

  (Has this had a strong effect, a moderate effect, a small effect, or no
   effect on your view that the earth is getting warmer?

           STRONG EFFECT..............1 @
           MODERATE EFFECT............2
           A SMALL EFFECT.............3
           NO EFFECT..................4

                DO NOT KNOW....8
                REFUSED .......9

     [@] <1> STRONG EFFECT <2> MODERATE EFFECT  <3> SMALL EFFECT <4> NO EFFECT
     <8> DO NOT KNOW[missing]  <9> REFUSED [missing]

>gw9<

  In your view is global warming a very serious problem, somewhat serious,
  not too serious, or not a problem?

           VERY SERIOUS..............1 @
           SOMEWHAT SERIOUS..........2
           NOT TOO SERIOUS...........3
           NOT A PROBLEM.............4

             DO NOT KNOW....8
             REFUSED .......9
   [@] <1> VERY SERIOUS  <2> SOMEWHAT SERIOUS <3> NOT TOO SERIOUS <4> NO A PROBLEM
     <8> DO NOT KNOW[missing]  <9> REFUSED [missing]

>11gw<

 For each level of government that I mention please tell me if it has a
 great deal of responsibility, some responsibility, or no responsibility
 for taking actions to reduce global warming.

 [nodata] @

>rotate1< [if random3 eq <1> goto gw11]
          [if random3 eq <2> goto gw12]


>gw11<

  The federal government?

  (Would you say it has a great deal of responsibility, some responsibility,
  or no responsibility for taking action to reduce global warming?

            A GREAT DEAL OF RESPONSIBILITY....1 @
            SOME RESPONSIBILITY...............2
            NO RESPONSIBILITY ................3

                DO NOT KNOW.............8
                REFUSED ................9

   [@] <1> GREAT DEAL RESPONSIBILITY <2> SOME RESPONSIBILITY <3> NO RESPONSIBILITY
       <8> DO NOT KNOW[missing]  <9> REFUSED [missing]
>rot1a< [if random3 eq <2> goto gw14]

>gw12<

 State government?
```

(Would you say it has a great deal of responsibility, some responsibility, or no responsibility for taking action to reduce global warming?

A GREAT DEAL OF RESPONSIBILITY....1 @
SOME RESPONSIBILITY.....2
NO RESPONSIBILITY 3

DO NOT KNOW.....8
REFUSED 9

[@] <1> GREAT DEAL RESPONSIBILITY <2> SOME RESPONSIBILITY <3> NO RESPONSIBILITY
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot1b< [if random3 eq <2> goto gw11]

>gw14<

Some states have required that a portion of the electricity produced in that state should be from renewable sources such as wind, solar or hydroelectric power.

As far as you know, does Michigan have a requirement for the production of renewable energy?

[r]IWER: IF R REFERS TO PREVIOUS QUESTION ABOUT REQUIREMENT, PLEASE RESPOND WITH "The previous question referred to considering a requirement of 10%, this questions is asking if such a requirement exists in the state".[n]

YES.....1 @
NO.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>15gw<

There have been a number of ideas proposed for how government can reduce the emissions of green house gases which many scientists believe to be a cause of global warming.

For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposed method of reducing green house gas emissions.

[nodata] @

>rotate2< [if random2 le <1> goto gw15]
[if random2 eq <2> goto gw16]
[if random2 eq <3> goto gw17]
[if random2 eq <4> goto gw18]
[if random2 eq <5> goto gw19]
[if random2 eq <6> goto gw20]
[if random2 eq <7> goto gw21]
[if random2 eq <8> goto gw22]
[if random2 eq <9> goto gw23]

>gw15<

The government should increase support for clean coal technology.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3

STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2a< [if random2 eq <2> goto gw25]

>gw16<

The government should require auto makers to increase the fuel efficiency of their vehicles.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2b< [if random2 eq <3> goto gw25]

>gw17<

The government should increase taxes on gasoline in order to reduce consumption.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2d< [if random2 eq <4> goto gw25]

>gw18<

The government should increase taxes on all fossil fuels in order to reduce consumption.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2e< [if random2 eq <5> goto gw25]

>gw19<

The government should increase support for the development of ethanol.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2f< [if random2 eq <6> goto gw25]

>gw20<

The government should place a surcharge on electricity bills and use the money from the charge to support renewable energy development.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2g< [if random2 eq <7> goto gw25]

>gw21<

The government should support increased use of nuclear power to reduce green house gas emissions.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2h< [if random2 eq <8> goto gw25]

>gw22<

The government should allow businesses to buy and sell permits to release green house gases as a means of reducing emissions.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2i< [if random2 eq <9> goto gw25]

>gw23<

The government should require a set portion of all electricity to come from renewable energy sources such as wind and solar power.

(Do you strongly support, somewhat support, somewhat oppose, or strongly oppose this as a method of reducing green house gas emission?)

STRONGLY SUPPORT.....1 @
SOMEWHAT SUPPORT.....2
SOMEWHAT OPPOSE.....3
STRONGLY OPPOSE.....4

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE
<4> STRONGLY OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot2j< [if random2 ge <2> goto gw15]

>gw25<

If you had to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay?

Would you be willing to pay nothing each year, 1 to 49 dollars per year, 50 to 99 dollars a year, 100 to 250 dollars a year, 250 to 500 dollars a year, or over 500 dollars a year?

NOTHING EACH YEAR.....1 @
1 TO 49 DOLLARS PER YEAR.....2
50 TO 99 DOLLARS PER YEAR.....3
100 TO 249 DOLLARS PER YEAR...4
250 TO 499 DOLLARS PER YEAR...5
OVER 500 DOLLARS A YEAR.....6

DO NOT KNOW.....8
REFUSED 9

[@] <1> NOTHING EACH YEAR <2> $1-49 DOLLARS <3> $50-99 DOLLARS <4> $100-249 DOLLARS
<5> $250-499 DOLLARS <6> OVER $500 PER YEAR
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>en1< [#settime gwstop]

The next few questions focus on the [bold]cost[n] of energy.

How concerned are you about the impact of rising energy costs on your monthly income?

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

VERY CONCERNED.....1 @
SOMEWHAT CONCERNED.....2
NOT VERY CONCERNED.....3
NOT AT ALL CONCERNED.....4

DO NOT KNOW....8
REFUSED.....9

[@] <1> VERY CONCERNED <2> SOMEWHAT CONCERNED <3> NOT VERY CONCERNED
<4> NOT AT ALL CONCERNED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>en2<

How often do you make decisions about where you do business, go shopping, or go on vacation because of the cost of fuel?

Would you say very often, sometimes, seldom, or never?

VERY OFTEN.....1 @
SOMETIMES.....2
SELDOM.....3
NEVER.....4

DO KNOW.....8
REFUSED 9

[@] <1> VERY OFTEN <2> SOMETIMES <3> SELDOM <4> NEVER
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>en3<

Are you currently considering making changes to your home such as adding insulation or a more efficient heating system as a way to keep energy costs down?

YES.....1 @
NO.....5

DO NOT KNOW...8
REFUSED.....9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>en4<

Do you consider the cost of energy to be a short term problem or a long term problem?

A SHORT TERM PROBLEM.....1 @
LONG TERM PROBLEM.....5

DO NOT KNOW.....8
REFUSED.....9

[@] <1> A SHORT TERM PROBLEM <5> LONG TERM PROBLEM
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

```
>bs1<  [#settime bsstart]

 The next set of questions focus on Michigan-Canadian border security
 and travel between Michigan and Canada.

 How often do you travel from Michigan to Canada?

 Would you say weekly, a couple of times a month, at least once a month, a
 couple of times a year, once a year, or never?

        WEEKLY.....................1 @
        COUPLE OF TIMES A MONTH..2
        AT LEAST ONCE A MONTH....3
        COUPLE OF TIMES A YEAR...4
        ONCE A YEAR..............5

        NEVER.....................6

              DO NOT KNOW..8
              REFUSED......9

 [@] <1> WEEKLY <2> COUPLE OF TIMES A MONTH <3> AT LEAST ONCE A MONTH
    <4> COUPLE OF TIMES A YEAR  <5> ONCE A YEAR  <6> NEVER [goto rotate3]
    <8> DO NOT KNOW[missing][goto rotate3] <9> REFUSED [missing][goto rotate3]

>bs2<

  When you travel to Canada, is it primarily for business, pleasure,
  school, or something else?

        BUSINESS.................................1 @
        PLEASURE.................................2
         (includes: visiting family, sightseeing, etc)
        SCHOOL...................................3
        COMBINATION BUSINESS/PLEASURE............4
        TRAVELING THROUGH TO OTHER DESTINATION...5

              DO NOT KNOW..8
              REFUSED......9
  [@] <1> BUSINESS <2> PLEASURE <3> SCHOOL  <4> COMBINATION BUSINESS/PLEASURE
      <5> TRAVELING THROUGH TO OTHER DESTINATION 0 OTHER: SPECIFY[#specify]
      <8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rotate3<  [if random3 eq <2> goto bs4]



>bs3<

  How [bold]confident[n] are you in the level of security at the
  Michigan-Canadian border?

  Would you say you are very confident, somewhat confident, not very
  confident, not confident at all?


           VERY CONFIDENT..............1 @
           SOMEWHAT CONFIDENT..........2
           NOT VERY CONFIDENT..........3
           NOT CONFIDENT AT ALL........4

              DO NOT KNOW..8
              REFUSED......9

  [@] <1> VERY CONFIDENT <2> SOMEWHAT CONFIDENT <3> NOT VERY CONFIDENT
      <4> NOT CONFIDENT AT ALL
      <8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot3a< [if random3 eq <2> goto bs5a]
```

>bs4<

How [bold]concerned[n] are you about security at the Michigan-Canadian border?

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

VERY CONCERNED.....1 @
SOMEWHAT CONCERNED.....2
NOT VERY CONCERNED.....3
NOT CONCERNED AT ALL.....4

DO NOT KNOW..8
REFUSED.....9

[@] <1> VERY CONCERNED <2> SOMEWHAT CONCERNED <3> NOT VERY CONCERNED
<4> NOT CONCERNED AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rot3b< [if random3 eq <2> goto bs3]

>bs5a<

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

Preventing terrorists from entering Michigan from Canada should be a top priority for the State of Michigan.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE (VOL).3
SOMEWHAT DISAGREE.....4
STRONGLY DISAGREE.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs5b<

The current policy of requiring individuals to present driver's licenses when entering Michigan from Canada keeps terrorists from entering the United States.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE (VOL).3
SOMEWHAT DISAGREE.....4
STRONGLY DISAGREE.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE

<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs5c<

Requiring individuals to present passports will do a better job of keeping terrorists from entering the United States through Canada.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE (VOL).3
SOMEWHAT DISAGREE.....4
STRONGLY DISAGREE.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs6a<

Beginning next year, all travelers entering Michigan through Canada will need a passport. Michigan is considering an enhanced driver's license instead of a passport. It would have more information on it and it would cost less than a passport.

Would you favor or oppose using an enhanced driver's license with more information on it, instead of a getting a passport?

FAVOR.....1 @
OPPOSE.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> FAVOR <5> OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs6b<

Would you favor or oppose having [bold]fingerprint information[n] included on an enhanced driver's license?

FAVOR.....1 @
OPPOSE.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> FAVOR <5> OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs6c<

Would you favor or oppose having [bold]social security numbers[n] included on an enhanced driver's license?

FAVOR.....1 @
OPPOSE.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> FAVOR <5> OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs6d<

Would you favor or oppose the state sharing [bold]biometric information[n] such as photographs and fingerprints on anyone crossing the border with federal and state agencies?

FAVOR.....1 @
OPPOSE.....5

DO NOT KNOW....8
REFUSED 9

[@] <1> FAVOR <5> OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>bs7<

If approved, how likely would you be to apply for an enhanced driver's license?

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

VERY LIKELY.....1 @
SOMEWHAT LIKELY.....2
SOMEHAT UNLIKELY.....3
VERY UNLIKELY.....4

DO NOT KNOW....8
REFUSED 9

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY
<4> VERY UNLIKELY
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>split1< [if random1 eq <2> goto gl3v2]
[if random1 eq <3> goto gl3v3]

>gl3v1< [#settime bsstop] [#settime glstart]

Next I have some questions about higher education and factors that may or may not help people get ahead in life.

Colleges and universities give admissions preferences to many groups of students, such as those from families that [bold]can[n] afford to pay full tuition.

Should there also be preferences in admissions for blacks and Hispanics?

YES, THERE SHOULD BE PREFERENCES.....1 @
NO, THERE SHOULD NOT BE PREFERENCES...5

DO NOT KNOW 8
REFUSED 9

[@] <1> YES, PREFERENCES <5> NO, PREFERENCES
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto gl4a]

>gl3v2< [#settime bsstop] [#settime glstart]

Next I have some questions about higher education and factors that may or may not help people get ahead in life.

Colleges and universities give admissions preferences to many groups of students such as athletes, children of alumni, and artists and musicians.

Should there also be preferences in admissions for blacks and Hispanics?

YES, THERE SHOULD BE PREFERENCES......1 @
NO, THERE SHOULD NOT BE PREFERENCES...5

DO NOT KNOW 8
REFUSED 9

[@] <1> YES, PREFERENCES <5> NO, PREFERENCES
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto gl4a]

>gl3v3< [#settime bsstop] [#settime glstart]

Next I have some questions about higher education and factors that may or may not help people get ahead in life.

Colleges and universities give admissions preferences to many groups of students such as athletes, children of alumni, and artists and musicians.

Is it right for preferences in admissions for blacks and Hispanics [bold]to be taken away[n]?

YES, RIGHT TO TAKE PREFERENCES......1 @
NO, NOT RIGHT TO TAKE PREFERENCES...5

DO NOT KNOW 8
REFUSED 9

[@] <1> YES, RIGHT TO TAK PREFERENCES <5> NO, NOT RIGHT TO TAKE PREFERENCES
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gl4a<

Please tell me how important you think each of the following is for getting ahead in life.

First, how important is it to come from a wealthy family?

Is it essential, very important, fairly important, not very important, or not important at all for getting ahead in life?

ESSENTIAL .....1 @
VERY IMPORTANT.....2
FAIRLY IMPORTANT.....3
NOT VERY IMPORTANT.....4
NOT IMPORTANT AT ALL.....5

DO NOT KNOW.....8
REFUSED 9

[@] <1> ESSENTIAL <2> VERY IMPORTANT <3> FAIRLY IMPORTANT <4> NOT VERY IMPORTANT
<5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>gl4b<

Hard work?

(Is it essential, very important, fairly important, not very important, or not important at all for getting ahead in life?)

ESSENTIAL .....1 @
VERY IMPORTANT.....2
FAIRLY IMPORTANT.....3

```
        NOT VERY IMPORTANT.............4
        NOT IMPORTANT AT ALL...........5

              DO NOT KNOW.......8
              REFUSED ..........9

   [@] <1> ESSENTIAL <2> VERY IMPORTANT <3> FAIRLY IMPORTANT <4> NOT VERY IMPORTANT
   <5> NOT IMPORTANT AT ALL
   <8> DO NOT KNOW[missing]  <9> REFUSED [missing]


>gl4c<

  Knowing the right people?

  (Is it essential, very important, fairly important, not very important,
   or not important at all for getting ahead in life?)

        ESSENTIAL .....................1  @
        VERY IMPORTANT.................2
        FAIRLY IMPORTANT...............3
        NOT VERY IMPORTANT.............4
        NOT IMPORTANT AT ALL...........5

              DO NOT KNOW.......8
              REFUSED ..........9

   [@] <1> ESSENTIAL <2> VERY IMPORTANT <3> FAIRLY IMPORTANT <4> NOT VERY IMPORTANT
   <5> NOT IMPORTANT AT ALL
   <8> DO NOT KNOW[missing]  <9> REFUSED [missing]


>1msue< [#settime glstop][#settime msuestart]

  The next set of questions is about Michigan State University's Extension
  service, also referred to as Cooperative Extension.

  MSU's Extension service is looking into how it can best serve the
  needs of Michigan's residents and communities in its attempts to assist
  in the strengthening of the economy and improving the quality of
  life for residents.

  I'd like to read you a list of strategic areas that are being considered and
  have you tell me whether you think each idea should be given high priority,
  some priority, or little or no priority in MSU Extension's future efforts.

   [nodata] @

>rotate4< [if random eq <1> goto msue1]
          [if random eq <2> goto msue2]
          [if random eq <3> goto msue3]
          [if random eq <4> goto msue4]
          [if random eq <5> goto msue5]
>msue1<

   Developing entrepreneurs?

  (PROBE: This includes working with individuals to assist in new businesses
          and with communities in fostering an entrepreneurial climate.)

  (Should this be given high priority, some priority, or little or no
  priority in MSU Extension's future efforts?)

              HIGH PRIORITY.............1  @
              SOME PRIORITY.............2
              LITTLE OR NO PRIORITY......3

                DO NOT KNOW........8
                REFUSED............9
  [@] <1> HIGH PRIORITY <2> SOME PRIORITY <3> LITTLE OR NO PRIORITY
```

<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot4a< [if random eq <2> goto msue6]

>msue2<

Promoting healthy lifestyles?

(PROBE: "This includes educational programs on nutrition and exercise as well as programs to protect Michigan's natural resources and environment".)

(Should this be given high priority, some priority, or little or no priority in MSU Extension's future efforts?)

HIGH PRIORITY.....1 @
SOME PRIORITY.....2
LITTLE OR NO PRIORITY.....3

DO NOT KNOW.....8
REFUSED.....9

[@] <1> HIGH PRIORITY <2> SOME PRIORITY <3> LITTLE OR NO PRIORITY
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot4b< [if random eq <3> goto msue6]

>msue3<

Preparing for the bio-economy?

(PROBE: "This includes providing information on new technologies for utilizing the vast biological resources of the state for energy and other products traditionally utilizing petroleum.")

(Should this be given high priority, some priority, or little or no priority in MSU Extension's future efforts?)

HIGH PRIORITY.....1 @
SOME PRIORITY.....2
LITTLE OR NO PRIORITY.....3

DO NOT KNOW.....8
REFUSED.....9

[@] <1> HIGH PRIORITY <2> SOME PRIORITY <3> LITTLE OR NO PRIORITY
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot4c< [if random eq <4> goto msue6]

>msue4<

Educating and supporting decision makers?

(PROBE: "This includes individuals, families, local communities, governmental leaders and private sector firms."

(Should this be given high priority, some priority, or little or no priority in MSU Extension's future efforts?)

HIGH PRIORITY.....1 @
SOME PRIORITY.....2
LITTLE OR NO PRIORITY.....3

DO NOT KNOW.....8
REFUSED.....9

[@] <1> HIGH PRIORITY <2> SOME PRIORITY <3> LITTLE OR NO PRIORITY
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot4d< [if random eq <5> goto msue6]

>msue5<

Building leaders for today and tomorrow?

(PROBE: "This includes youth and adult programs focused upon leadership, mentoring and citizenship.")

(Should this be given high priority, some priority, or little or no priority in MSU Extension's future efforts?)

HIGH PRIORITY.....1 @
SOME PRIORITY.....2
LITTLE OR NO PRIORITY.....3

DO NOT KNOW.....8
REFUSED.....9

[@] <1> HIGH PRIORITY <2> SOME PRIORITY <3> LITTLE OR NO PRIORITY <8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot4e< [if random ge <2> goto msue1]

>msue6< [define <d><1>][define <h><2>][define <b><3>][define <e><4>][define <l><5>]

Of the five areas, which [bold]one[n] do you think is the [bold]most important[n] for Michigan State University Extension to focus future efforts to assist in strengthening the economy and improving the quality of life for Michigan residents?

Would you say . . .
[if random eq <1>]
Developing entrepreneurs, promoting healthy lifestyles, preparing for the bio-economy, educating and supporting decision makers, or building leaders for today and tomorrow?

DEVELOPING ENTREPRENEURS.....d
PROMOTING HEALTH LIFESTYLES.....h
PREPARING FOR THE BIO-ECONOMY....b
EDUCATING/SUPPORTING DECISION....e
BUILDING LEADERS l

[endif]
[if random eq <2>]
Promoting healthy lifestyles, preparing for the bio-economy, educating and supporting decision makers, building leaders for today and tomorrow, or developing entrepreneurs?

PROMOTING HEALTHY LIFESTYLES.....h
PREPARING FOR THE BIO-ECONOMY....b
EDUCATING/SUPPORTING DECISION....e
BUILDING LEADERS l
DEVELOPING ENTREPRENEURS.....d
[endif]
[if random eq <3>]
Preparing for the bio-economy, educating and supporting decision makers, building leaders for today and tomorrow, developing entrepreneurs, or promoting healthy lifestyles?

PREPARING FOR THE BIO-ECONOMY....b
EDUCATING/SUPPORTING DECISION....e
BUILDING LEADERS l
DEVELOPING ENTREPRENEURS.....d
PROMOTING HEALTHY LIFESTYLES.....h
[endif]
[if random eq <4>]
Educating and supporting decision makers, building leaders for today and tomorrow, developing entrepreneurs, promoting healthy lifestyles,

```
  or preparing for the bio-economy?

           EDUCATING/SUPPORTING DECISION....e
           BUILDING LEADERS ..............l
           DEVELOPING ENTREPRENEURS.........d
           PROMOTING HEALTHY LIFESTYLES.....h
           PREPARING FOR THE BIO-ECONOMY....b

  [endif]
  [if random eq <5>]
  Building leaders for today and tomorrow, developing entrepreneurs,
  promoting healthy lifestyles, preparing for the bio-economy, or
  educating and supporting decision makers?

           EDUCATING/SUPPORTING DECISION....e
           BUILDING LEADERS ..............l
           DEVELOPING ENTREPRENEURS.........d
           PROMOTING HEALTHY LIFESTYLES.....h
           PREPARING FOR THE BIO-ECONOMY....b
  [endif]
                DO NOT KNOW.....8 @
                REFUSED .....9

   [@] <h> PROMOTING HEALTHY LIFESTYLES  <b> PREPARING FOR THE BIO-ECONOMY
   <e> EDUCATING//SUPPORTING DECISION MAKERS <l> BUILDING LEADERS
   <d> DEVELOPING ENTREPRENEURS
   <8> DO NOT KNOW[missing]  <9> REFUSED [missing]



>CD1< [#settime msuestop][#settime dstart]

   Finally, I have a few background questions.

   MAKE SURE YOU RECORD THIS CORRECTLY:  IF YOU ARE UNSURE ASK.

         MALE.....1
         FEMALE.....5 @

        [@]<1> MALE <5> FEMALE


>CD2<

  In what year were you born?

          YEAR BORN.....19 @

              DON'T KNOW.....98
              REFUSED.....99

       [@] <00-89> YEAR OF BIRTH <98> DO NOT KNOW[missing]
           <99> REFUSED [missing]

>CD3<

   What is the highest level of education you have completed?

           DID NOT GO TO SCHOOL .....0
           GRADE.....1-11
           HIGH SCHOOL GRADUATE OR GED HOLDER.....12
           COLLEGE (ONE TO THREE YEARS).....13-15
           COLLEGE GRADUATE  (FOUR YEARS) .....16
           SOME POST GRADUATE .....17
           GRADUATE DEGREE.....18
           TECHNICAL/JUNIOR COLLEGE GRADUATE.....20 @

               DON'T KNOW.....98
               REFUSED.....99
```

[@] <0> DID NOT GO TO SCHOOL <1-11> GRADE <12> HIGH SCHOOL GRAD OR GED
<13-15> COLLEGE <16> COLLEGE GRADUATE <17> SOME POST GRADUATE
<18> GRADUATE DEGREE <20> TECHNICAL/JUNIOR COLLEGE GRAD
<98> DO NOT KNOW[missing] <99>REFUSED [missing]

>CD5a<

Are you of Hispanic, Latino, or Spanish origin?

YES-HISPANIC/LATINO/SPANISH ORIGIN.....1
NO-[bold]NOT[n] HISPANIC/LATINO/SPANISH ORIGIN.....5 @

DON'T KNOW.....8
REFUSED.....9

[@] <1> YES, HISPANIC <5> NO, NOT HISPANIC <8,9>[missing]

>CD4a< [define <y><1>][define <n><5>][default answer <n> all][define <d><8>]
[define <r><9>]
What is your race?

y/n/d/r
White?.....@a
African American or Black?.....@b
Hawaiian or other Pacific Islander?....@c
Asian?..... @d
American Indian or Alaska Native?.....@e
Other: specify.....@f

[@a]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@b]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@c]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@d]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@e]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@f]<y>[#specify]YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]

>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)?

NONE; NO RELIGIOUS GROUP.....0 @
[cyan](Examples: atheists, agnostics, none)[n]
CATHOLIC; ROMAN CATHOLIC, ORTHODOX.....1
ISLAMIC/MUSLIM.....2
JEWISH.....3
PROTESTANT.....4
[cyan](Examples: Baptist, Methodist, Christian reformed, Lutheran, Presbyterian
Wesleyan, Episcopalian, "Christian", non-denomination) [n]
OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5
[cyan](Examples: Taoists, witches, Unitarian Universalists)[n]
OTHER CHRISTIAN - UNABLE TO CLASSIFY.....7
[cyan](Examples: 7th Day Adventist, Jehovah Witness, Nazarene)[n]
DON'T KNOW.....98

REFUSED.....99

[@]<0> NONE <1> CATHOLIC <2> ISLAMIC/MUSLIM <3> JEWISH <4> PROTESTANT
<5> OTHER NON CHRISTIAN <7> OTHER CHRISTIAN -UNABLE TO CLASSIFY 6 [#specify]
<8> UNABLE TO CLASSIFY <98> DO NOT KNOW [missing] <99>
REFUSED[missing]

>CD7<
Generally speaking, do you think of yourself as a Republican, a Democrat, an Independent or something else?

```
            REPUBLICAN.....................1
            INDEPENDENT....................4
            DEMOCRAT.......................7

            ANOTHER PARTY, THIRD PARTY, ETC....0 @a

               DO NOT KNOW................8
               REFUSED....................9

            [if CD7@a eq <1>]
   Would you call yourself a strong Republican or not a very strong
   Republican?

            STRONG REPUBLICAN..................1
            NOT A VERY STRONG REPUBLICAN.......2 @b

               DO NOT KNOW................8
               REFUSED....................9

            [endif]
            [if CD7@a eq <7>]
    Would you call yourself a strong Democrat or not a very strong
    Democrat?

            STRONG DEMOCRAT....................7
            NOT A VERY STRONG DEMOCRAT.........6 @c

               DO NOT KNOW................8
               REFUSED....................9
            [endif]
            [if CD7@a eq <4>]

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

           REPUBLICAN.....................3
           NEITHER (R PROVIDED)...........4
           DEMOCRAT.......................5 @d

               DO NOT KNOW................8
               REFUSED....................9
           [endif]

        [@a]<1> REPUBLICAN <4> INDEPENDENT <7> DEMOCRAT  <0>[#specify] <8> DO NOT KNOW
[missing] <9> REFUSED[missing]
        [@b]<1> STRONGLY REPUBLICAN <2> NOT VERY STRONG REPUBLICAN  <8> DO NOT KNOW [missing]
<9> REFUSED[missing][default goto partyid]
        [@c]<6> NOT VERY STRONG DEMOCRAT <7> STRONG DEMOCRAT   <8> DO NOT KNOW [missing] <9>
REFUSED[missing][default goto partyid]
        [@d]<3> REPUBLICAN <4> NEITHER <5> DEMOCRAT <8> DO NOT KNOW [missing] <9>
REFUSED[missing][default goto partyid]

>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?

            CONSERVATIVE.....................1
            MODERATE.........................4
```

```
            LIBERAL.............................7 @a
            OTHER...............................0

               DO NOT KNOW.................8
               REFUSED.....................9

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

Would you consider yourself very conservative or somewhat conservative?

```
            VERY CONSERVATIVE..................1
            SOMEWHAT CONSERVATIVE..............2 @b

               DO NOT KNOW.................8
               REFUSED.....................9

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

Would you consider yourself very liberal or somewhat liberal?

```
            VERY LIBERAL.......................7
            SOMEWHAT LIBERAL...................6 @c

               DO NOT KNOW.................8
               REFUSED.....................9
            [endif]

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

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

```
           CLOSER TO THE CONSERVATIVE.............3
           IN THE MIDDLE..........................4
           CLOSER TO THE LIBERAL SIDE.............5 @d
           [endif]

        [@a]<1>CONSERVATIVE <4> NEITHER <7> LIBERAL <0>[#specify][goto ideology] <8> DO NOT
KNOW [missing] <9> REFUSED[missing]
        [@b]<1> VERY CONSERVATIVE <2>SOMEWHAT CONSERVATIVE  <8> DO NOT KNOW [missing] <9>
REFUSED[missing][default goto ideology]
        [@c]<6> SOMEWHAT LIBERAL <7> VERY LIBERAL  <8> DO NOT KNOW [missing] <9>
REFUSED[missing][default goto ideology]
        [@d]<3> CLOSER CONSERVATIVE <4> IN THE MIDDLE <5> CLOSER LIBERAL <8> DO NOT KNOW
[missing] <9> REFUSED[missing][default goto ideology]

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



>CD8<
```

What is your marital status?

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

```
          MARRIED, REMARRIED.....................1
          DIVORCED...............................2
          SEPARATED..............................3
```

WIDOWED.....4
MEMBER OF AN UNMARRIED COUPLE..... 5
SINGLE, NEVER BEEN MARRIED.....6
OTHER .....0 @

DON'T KNOW.....8
REFUSED.....9

[@]<1> MARRIED <2> DIVORCED <3> SEPARATED <4> WIDOWED <5> MEMBER UNMARRIED COUPLE
<6> SINGLE NEVER BEEN MARRIED 0 [#specify] <8> DO NOT KNOW[missing] <9>
REFUSED[missing]

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

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

ADULTS.....1-10 @

DON'T KNOW.....98
REFUSED.....99

[@]<1> ADULTS <2-10>
<98> DO NOT KNOW [missing] <99> REFUSED [missing]

>CD11<

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

CHILDREN.....0-7 @

DO NOT KNOW.....8
REFUSED.....9

[@]<0> NO CHILDREN <1-7> CHILDREN
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>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?

WORK FULL TIME, SELF EMPLOYED FULL TIME.....1 @
[cyan](examples: business owner)[n]
WORK PART TIME, SELF EMPLOYED PART TIME.....2
WORK AND GO TO SCHOOL.....3
IN THE ARMED FORCES.....4
HAVE A JOB, BUT NOT AT WORK LAST WEEK.....5
[cyan](examples: on vacation, teachers in summer)[n]
UNEMPLOYED, LAID OFF, LOOK FOR WORK.....6
[cyan](examples: volunteering, seasonal worker, never worked)[n]
RETIRED.....7
[cyan](examples: on social secruity, pension, etc)[n]
SCHOOL FULL TIME.....8
HOMEMAKER.....9
DISABLED.....10
[cyan](examples: SSI)[n]
SOMETHING ELSE (SPECIFY).....0

DON'T KNOW.....98
REFUSED.....99

[@] 0 [#specify] <1> WORK FULL TIME <2> WORK PART TIME <3> WORK AND GO TO SCHOOL
<4> IN THE ARMED FORCES[goto UN2] <5> JOB, DID NOT WORK LAST WEEK <6> UNEMPLOYED
<7> RETIRED <8> SCHOOL FULL-TIME <9> HOMEMAKER <10> DISABLED
<98> DO NOT KNOW [missing]<97> MISCELLANEOUS <99> REFUSED [missing]

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

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

             YES.............................1
             NO..............................5 @

                DO NOT KNOW.................8
                REFUSED.....................9
         [@]<1> YES [goto UN3] <5> NO <8> DO NOT KNOW[missing] <9>REFUSED [missing]

>UN2<

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

             YES.............................1
             NO..............................5 @

                DO NOT KNOW.................8
                REFUSED.....................9

         [@]<1> YES [goto UN3] <5> NO <8> DO NOT KNOW[missing] <9>REFUSED [missing]

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

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

             YES.............................1
             NO..............................5 @

                DO NOT KNOW.................8
                REFUSED.....................9

         [@]<1> YES <5> NO <8> DO NOT KNOW[missing] <9>REFUSED [missing]


>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 $30,000 or more
  in 2006?

               YES....................... 1
               NO.......................5 @

                 DO NOT KNOW............8
                 REFUSED................9
         [@]<1>YES [goto incd]
            <5>NO [goto incb]
            <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]
>incb<

   Was it less than $20,000?

               YES....................... 1
               NO.......................5 @    ($20,000-29,999)

                 DO NOT KNOW............8
                 REFUSED................9

         [@]<1>YES [goto incc]
            <5>NO  [goto income]
```

```
          <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]

>incc<

   Was it less than $10,000?

               YES..................... 1     (less than $10,000)
               NO.....................5 @   ($10,000-19,999)

                 DO NOT KNOW............8
                 REFUSED................9
        [@]<1> YES
           <5> NOT
           <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]
           [default goto income]

>incd<

   Was it $60,000 or more?

               YES..................... 1
               NO.....................5 @


                 DO NOT KNOW............8
                 REFUSED................9

        [@]<1> YES [goto incg]
           <5> NO [goto ince]
           <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]

>ince<

   Was it $40,000 or more?

               YES..................... 1
               NO.....................5 @  ($30,000-39,999)


                 DO NOT KNOW............8
                 REFUSED................9
        [@]<1> YES
           <5> NO[goto income]
           <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]

>incf<

   Was it $50,000 or more?


               YES..................... 1    ($50,000-59,999)
               NO.....................5 @  ($40,000-49,999)

                 DO NOT KNOW............8
                 REFUSED................9

        [@]<1> YES[goto income]
           <5> NO[goto income]
           <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]

>incg<

   Was it more than $70,000?

               YES..................... 1    ($70,000 or more
               NO.....................5 @  ($60,000-69,999)

                 DO NOT KNOW............8
                 REFUSED................9
```

[@]<1> YES
<5> NO
<8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]

>income< [allow 1]

[if inca ge <8>][store <9> in income][endif]
[if incb ge <8>][store <9> in income][endif]
[if incc ge <8>][store <9> in income][endif]
[if incd ge <9>][store <9> in income][endif]
[if ince ge <9>][store <9> in income][endif]
[if incf ge <9>][store <9> in income][endif]
[if incg ge <9>][store <9> in income][endif] missing
[if incc eq <1>][store <1> in income][endif] $10,000 or less
[if incc eq <5>][store <2> in income][endif] $10,000-19,999
[if incb eq <5>][store <3> in income][endif] $20,000-29,999
$30,000-39,999
[if ince eq <5>][store <4> in income][endif] $40,000-49,999
[if incf eq <1>][store <6> in income][endif] $50,000-59,999
[if incf eq <5>][store <5> in income][endif]
[if incg eq <5>][store <7> in income][endif] $60,000-69,999
[if incg eq <1>][store <8> in income][endif] $70,000 or more

>CD26<

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

DIFFERENT PHONE NUMBERS.....1-7 @

[@]<1> PHONE NUMBERS <2-7>
<8> DO NOT KNOW [missing]<9>[missing]

>X1<

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

RURAL COMMUNITY.....1
SMALL CITY OR TOWN, VILLAGE.....2
A SUBURB.....3
URBAN COMMUNITY.....4 @

OTHER: 0

DO NOT KNOW.....98
REFUSED/NO ANSWER.....99

[@] <1> RURAL COMMUNITY <2> SMALL CITY, TOWN, VILLAGE <3> A SUBURB
<4> URBAN COMMUNITY <0> OTHER: SPECIFY [#specify]
<98> DO NOT KNOW [missing] <99>[missing]

>zipcode< [if zip ne <>][store zip in zipcode][goto RI][endif]

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 @

DO NOT KNOW.....8
REFUSED.....9

[@] <48000-49999> ZIP CODE
<8> DO NOT KNOW [missing] <9>[missing]

>RI<

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

YES..... 1
NO.....5 @

DO NOT KNOW.....8
REFUSED.....9

[@] <1> YES <5> NO[goto out]
<8> DO NOT KNOW[missing][goto out] <9> REFUSED [missing][goto out]

>RIa<

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

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

YES..... 1
NO, DO NOT WANT TO GIVE
EMAIL ADDRESS OUT 3
NO, HAVE NO EMAIL.....5 @

DO NOT KNOW.....8
REFUSED.....9

[@] <1> YES <5> NO[goto rname] <3>[goto rname]
<8> DO NOT KNOW[missing][goto rname] <9> REFUSED [missing][goto rname]

>email< [if confirm eq <5>][store <> in email][store <> in confirm][endif]

What is your email address?

EMAIL: @

[@][allow 40]

>confirm<

Let me confirm your email address: [bold][fill email][n]

Is this correct?

[bold]IWER: IF IT IS NOT CORRECT YOU WILL RETURN TO THE EMAIL SCREEN TO RE-ENTER THE EMAIL[n]

YES..... 1
NO.....5 @

DO NOT KNOW.....8
REFUSED.....9

[@] <1> YES <5> NO [goto email]
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>rname<

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

```
                NAME: @

   [@][allow 20]


>out<
      [#settime dstop]
      [#subtime cstart from cstop into core]
      [#subtime bsstart from bsstop into border]
      [#subtime msuestart from msuestop into msue]
      [#subtime glstart from glstop into glaser]
      [#subtime enstart from enstop into energy]
      [#subtime dstart from dstop into demo]
      [#subtime gwstart from gwstop into global]
      [goto MOD7]

>contacts< [allow 2]
>length<[allow 4]
>idate< [allow 8]
>iwer< [allow 3]
>males< [allow 2]
>females< [allow 2]
```

13. 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.

14. SPSS COMMANDS

```
TITLE "Michigan State of the State 46".

DATA LIST fixed records=3
 /1        ID1  1-5  (A)
            R1  6
          cnty  7-11
          regn 12       newreg5 13
        random 14       random1 15
       random2 16
       random3 17
        listed 18
           CC1 19           CC2 20           CC3 21           CC4 22
           CC5 23           CC6 24           PO1 25           PO2 26
          SEC4 27       reng1@a 28-29    reng1@b 30-31     reng2a 32-33
        reng2b 34-35     reng3a 36-37     reng3b 38-39     reng4c 40
        reng4a 41        reng4b 42        reng6a 43        reng6b 44
        reng6c 45        reng6d 46        reng6e 47         reng7 48
         reng8 49           gw1 50           gw2 51           gw3 52
           gw4 53           gw5 54           gw6 55           gw7 56
           gw9 57          gw11 58          gw12 59          gw14 60
          gw15 61          gw16 62          gw17 63          gw18 64
          gw19 65          gw20 66          gw21 67          gw22 68
          gw23 69          gw25 70           en1 71           en2 72
           en3 73           en4 74           bs1 75           bs2 76
           bs3 77           bs4 78          bs5a 79          bs5b 80
 /2        bs5c  1          bs6a  2          bs6b  3          bs6c  4
          bs6d  5           bs7  6         gl3v1  7         gl3v2  8
         gl3v3  9          gl4a 10          gl4b 11          gl4c 12
         msue1 13         msue2 14         msue3 15         msue4 16
         msue5 17         msue6 18           CD1 19           CD2 20-21
           CD3 22-23        CD5a 24        CD4a@a 25        CD4a@b 26
        CD4a@c 27        CD4a@d 28        CD4a@e 29        CD4a@f 30
           CD6 31-32       CD7@a 33         CD7@b 34         CD7@c 35
         CD7@d 36        partyid 37         P17@a 38         P17@b 39
         P17@c 40          P17@d 41      ideology 42           CD8 43
          CD10 44-45       CD11 46          CD15 47-48        UN1 49
           UN2 50           UN3 51          inca 52          incb 53
          incc 54          incd 55          ince 56          incf 57
          incg 58        income 59          CD26 60            X1 61-62
       zipcode 63-67          RI 68
 /3   contacts 51-52 (A)
        length 53-56 (A)
         idate 57-64 (A)
          iwer 65-67 (A)
         males 68-69 (A)
       females 70-71 (A)   .

VARIABLE LABELS
   ID1       'CaseID'
   R1        'Data Record'
   cnty      'County Code'
   regn      'Region'
   newreg5   'New MSUE Region'
   random    'Random Digit 1-5'
   random1   'Random Digit 1-3'
   random2   'Random Digit 0-9'
   random3   'Random Digit 1-2'
   listed    'Sample Type'
   CC1       'Past Financial'
   CC2       'Future Financial'
   CC3       'Current Financial'
   CC4       'Inflation'
   CC5       'Unemployment Situation'
   CC6       'Business Conditions'
   PO1       'Bush Rating'
   PO2       'Granhold Rating'
   SEC4      'Concern Terrorism'
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reng1@a   'Term Renewable Energy - 1st Mention'
reng1@b   'Term Renewable Energy - 2nd Mention'
reng2a    'Important Renewable Energy - Family'
reng2b    'Important Renewable Energy - Neighbors'
reng3a    'Important Energy Efficiency - Family'
reng3b    'Important Energy Efficiency - Friends'
reng4c    'Require Utilities Promote Energy Efficiency'
reng4a    'Support Development Renewable - Community Appearance'
reng4b    'State Encourage Development Renewable Sources'
reng6a    'Tax Incentives - Consumers, Businesses'
reng6b    'Energy Efficiency Standards Homes, Buildings'
reng6c    'Energy Efficiency Standards Appliances'
reng6d    'Tax Incentives - Renewable Sources'
reng6e    'Constructing Renewable Energy Generators'
reng7     'Percentage Generated Renewable'
reng8     'Tax Dollars Upgrade Grids'
gw1       'Evidence Global Warming'
gw2       'Cause: Human Activity-Fossil Fuels'
gw3       'Declining Glaciers, Polar Ice'
gw4       'Warmer Temperatures'
gw5       'Computer Models'
gw6       'Strength Hurricane Katrina.'
gw7       '"An Inconvenient Truth" Documentary'
gw9       'Seriousness Problem'
gw11      'Federal Government'
gw12      'State Government'
gw14      'MI Renewal Energy Requirement'
gw15      'Support Clean Coal Technology'
gw16      'Auto Makers Increase Fuel Efficiency'
gw17      'Increase Taxes Gasoline'
gw18      'Increase Taxes Fossil Fuels'
gw19      'Increase Support Ethanol'
gw20      'Surcharge Electricity Bills'
gw21      'Increased Nuclear Power'
gw22      'Buy, Sell Permits Green House Gases'
gw23      'Set Portion Electricity Renewable Sources'
gw25      'Additional Amount Willing Pay'
en1       'Concern Cost Energy'
en2       'Decisions Based on Cost Energy'
en3       'Changes Increase Energy Efficiency'
en4       'Cost Energy Problem'
bs1       'Frequency Travel Canada'
bs2       'Reason for Travel'
bs3       'Confience in Security'
bs4       'Concern About Security'
bs5a      'Preventing Terrorist Entering Top Priority'
bs5b      'Current Driver''s License Policy'
CASEID    'case identification number'
bs5c      'Requiring Passports'
bs6a      'Enhanced Driver''s License'
bs6b      'Fingerprint Information'
bs6c      'Social Security Numbers'
bs6d      'Biometric Info'
bs7       'Likely Use Enhanced License'
gl3v1     'Preferences  - Version I'
gl3v2     'Preferences  - Version II'
gl3v3     'Preferences  - Version III'
gl4a      'Wealthy Family'
gl4b      'Hard Work'
gl4c      'Knowing Right People'
msue1     'Developing Entrepreneurs'
msue2     'Promoting Healthy Lifestyles'
msue3     'Preparing Bio-Economy'
msue4     'Educating Supporting Decision Makers'
msue5     'Building Leaders'
msue6     'Most Important MSUE'
CD1       'Sex'
CD2       'Year Born'
CD3       'Education'
CD5a      'Ethnicity'
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   CD4a@a    'Race - White/Caucasian'
   CD4a@b    'Race - African American or Black'
   CD4a@c    'Race - Hawaiian or other Pacific Islander'
   CD4a@d    'Race - Asian'
   CD4a@e    'Race - American Indian or Alaska Native?'
   CD4a@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'
   CD8       'Marital Status'
   CD10      'Adults HH'
   CD11      'Children HH'
   CD15      'Employment Status'
   UN1       'Union Member'
   UN2       'Past Union Member'
   UN3       'Family Union Member'
   inca      'Household income (More or less than $30,000)'
   incb      'Household income: less than $20,000?'
   incc      'Household income:less than $10,000?'
   incd      'Household income: $60,000 or more'
   ince      'Household income: $40,000 or more?'
   incf      'Household income: $50,000 or more?'
   incg      'Household income: more than $70,000?'
   income    'household income (gathered responses)'
   CD26      'Phone Lines'
   X1        'Type Community'
   zipcode   'ZipCode'
   RI        'Re-Interview'
   contacts  'Contacts'
   length    'Interview Length'
   idate     'Interview Date'
   iwer      'Interviewer'
   males     'Males HH'
   females   'Females HH'   .

VALUE LABELS
   regn       1 'upper pen' 2 'northern' 3 'west central' 4 'east central'
              5 'southwest' 6 'southeast' 7 'Detroit'/
   listed     '1' 'listed' '2' 'unlisted'/
   CC1        1 'BETTER OFF' 2 'ABOUT THE SAME' 3 'WORSE OFF' 8 'DO NOT KNOW'
              9 'REFUSED'/
   CC2        1 'BETTER OFF' 3 'ABOUT THE SAME' 5 'WORSE OFF' 8 'DO NOT KNOW'
              9 'REFUSED'/
   CC3        1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'
              8 'DO NOT KNOW' 9 'REFUSED'/
   CC4        1 'GO UP' 3 'GO DOWN' 5 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'
              9 'REFUSED'/
   CC5        1 'BETTER THAN' 5 'ABOUT THE SAME' 3 'WORSE THAN'
              8 'DO NOT KNOW' 9 'REFUSED'/
   CC6        1 'GOOD TIMES' 3 'BAD TIMES' 5 'NEITHER' 8 'DO NOT KNOW'
              9 'REFUSED'/
   PO1        1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
              9 'REFUSED'/
   PO2        1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
              9 'REFUSED'/
   SEC4       1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
              3 'NOT VERY CONCERNED' 4 'NOT CONCERNED AT ALL' 8 'DON''T KNOW'
              9 'REFUSED'/
   reng1@a    1 'WIND, SOLAR, WATER POWER' 2 'NUCLEAR POWER, HYDROGEN POWER'
              3 'BIO-FUELS, ETHANOL,(CORN, GRAIN,WOOD,ETC)'
              4 'SUSTAINABLE ENERGY/RENEWABLE SOURCE' 5 'EFFICIENCY'
              6 'ELECTRIC CARS/HYBRID CARS' 7 'EXPENSIVE/HIGHER COST'
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            8 'LESS EXPENSIVE/LOWER COST' 9 'ABILITY TO RE-USE/RECYCLED'
            10 'GREEN, ENVIRONMENTALLY FRIENDLY'
            11 'UNNECESSARY, NOT GOOD, NOT NEEDED' 12 'GOOD, BETTER'
            13 'FUTURE/PROGRESS'
            14 'COST OF ENERGY/ENERGY BILLS/PAYING FOR ENERGY'
            15 'NOTHING/NOT SURE' 16 'GLOBAL WARMING' 17 'FOSSIL FUELS'
            98 'DO NOT KNOW' 99 'REFUSED'/
reng1@b     1 'WIND, SOLAR, WATER POWER' 2 'NUCLEAR POWER, HYDROGEN POWER'
            3 'BIO-FUELS, ETHANOL,(CORN, GRAIN,WOOD,ETC)'
            4 'SUSTAINABLE ENERGY/RENEWABLE SOURCE' 5 'EFFICIENCY'
            6 'ELECTRIC CARS/HYBRID CARS' 7 'EXPENSIVE/HIGHER COST'
            8 'LESS EXPENSIVE/LOWER COST' 9 'ABILITY TO RE-USE/RECYCLED'
            10 'GREEN, ENVIRONMENTALLY FRIENDLY'
            11 'UNNECESSARY, NOT GOOD, NOT NEEDED' 12 'GOOD, BETTER'
            13 'FUTURE/PROGRESS'
            14 'COST OF ENERGY/ENERGY BILLS/PAYING FOR ENERGY'
            15 'NOTHING/NOT SURE' 16 'GLOBAL WARMING' 17 'FOSSIL FUELS'
            98 'DO NOT KNOW' 99 'REFUSED' 90 'NO MORE MENTIONED'/
reng2a      1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
            3 'NOT VERY IMPORTANT' 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            99 'REFUSED'/
reng2b      1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
            3 'NOT VERY IMPORTANT' 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            99 'REFUSED'/
reng3a      1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
            3 'NOT VERY IMPORTANT' 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            99 'REFUSED'/
reng3b      1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
            3 'NOT VERY IMPORTANT' 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            99 'REFUSED'/
reng4c      1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
reng4a      1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
reng4b      1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
reng6a      1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
            4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED'/
reng6b      1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
            4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED'/
reng6c      1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
            4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED'/
reng6d      1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
            4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED'/
reng6e      1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
            4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED'/
reng7       1 'TOO HIGH' 2 'TOO LOW' 3 'ABOUT RIGHT' 8 'DO NOT KNOW'
            9 'REFUSED'/
reng8       1 'APPROVE' 5 'NO DISAPPROVE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw1         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
gw2         1 'HUMAN ACTIVITY' 3 'NATURAL PATTERNS' 5 'COMBINATION'
            8 'DO NOT KNOW' 9 'REFUSED'/
gw3         1 'STRONG EFFECT' 2 'MODERATE EFFECT' 3 'SMALL EFFECT'
            4 'NO EFFECT' 8 'DO NOT KNOW' 9 'REFUSED'/
gw4         1 'STRONG EFFECT' 2 'MODERATE EFFECT' 3 'SMALL EFFECT'
            4 'NO EFFECT' 8 'DO NOT KNOW' 9 'REFUSED'/
gw5         1 'STRONG EFFECT' 2 'MODERATE EFFECT' 3 'SMALL EFFECT'
            4 'NO EFFECT' 8 'DO NOT KNOW' 9 'REFUSED'/
gw6         1 'STRONG EFFECT' 2 'MODERATE EFFECT' 3 'SMALL EFFECT'
            4 'NO EFFECT' 8 'DO NOT KNOW' 9 'REFUSED'/
gw7         1 'STRONG EFFECT' 2 'MODERATE EFFECT' 3 'SMALL EFFECT'
            4 'NO EFFECT' 8 'DO NOT KNOW' 9 'REFUSED'/
gw9         1 'VERY SERIOUS' 2 'SOMEWHAT SERIOUS' 3 'NOT TOO SERIOUS'
            4 'NO A PROBLEM' 8 'DO NOT KNOW' 9 'REFUSED'/
gw11        1 'GREAT DEAL RESPONSIBILITY' 2 'SOME RESPONSIBILITY'
            3 'NO RESPONSIBILITY' 8 'DO NOT KNOW' 9 'REFUSED'/
gw12        1 'GREAT DEAL RESPONSIBILITY' 2 'SOME RESPONSIBILITY'
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            3 'NO RESPONSIBILITY' 8 'DO NOT KNOW' 9 'REFUSED'/
gw14        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
gw15        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw16        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw17        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw18        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw19        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw20        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw21        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw22        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw23        1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
            4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
gw25        1 'NOTHING EACH YEAR' 2 '$1-49 DOLLARS' 3 '$50-99 DOLLARS'
            4 '$100-249 DOLLARS' 5 '$250-499 DOLLARS'
            6 'OVER $500 PER YEAR' 8 'DO NOT KNOW' 9 'REFUSED'/
en1         1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
            3 'NOT VERY CONCERNED' 4 'NOT AT ALL CONCERNED' 8 'DO NOT KNOW'
            9 'REFUSED'/
en2         1 'VERY OFTEN' 2 'SOMETIMES' 3 'SELDOM' 4 'NEVER'
            8 'DO NOT KNOW' 9 'REFUSED'/
en3         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
en4         1 'A SHORT TERM PROBLEM' 5 'LONG TERM PROBLEM' 8 'DO NOT KNOW'
            9 'REFUSED'/
bs1         1 'WEEKLY' 2 'COUPLE OF TIMES A MONTH'
            3 'AT LEAST ONCE A MONTH' 4 'COUPLE OF TIMES A YEAR'
            5 'ONCE A YEAR' 6 'NEVER' 8 'DO NOT KNOW' 9 'REFUSED'/
bs2         1 'BUSINESS' 2 'PLEASURE' 3 'SCHOOL'
            4 'COMBINATION BUSINESS/PLEASURE'
            5 'TRAVELING THROUGH TO OTHER DESTINATION' 8 'DO NOT KNOW'
            9 'REFUSED'/
bs3         1 'VERY CONFIDENT' 2 'SOMEWHAT CONFIDENT'
            3 'NOT VERY CONFIDENT' 4 'NOT CONFIDENT AT ALL' 8 'DO NOT KNOW'
            9 'REFUSED'/
bs4         1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
            3 'NOT VERY CONCERNED' 4 'NOT CONCERNED AT ALL' 8 'DO NOT KNOW'
            9 'REFUSED'/
bs5a        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs5b        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs5c        1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
            3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
            5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs6a        1 'FAVOR' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs6b        1 'FAVOR' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs6c        1 'FAVOR' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs6d        1 'FAVOR' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
bs7         1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
            4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED'/
gl3v1       1 'YES, PREFERENCES' 5 'NO, PREFERENCES' 8 'DO NOT KNOW'
            9 'REFUSED'/
gl3v2       1 'YES, PREFERENCES' 5 'NO, PREFERENCES' 8 'DO NOT KNOW'
            9 'REFUSED'/
gl3v3       1 'YES, RIGHT TO TAK PREFERENCES'
            5 'NO, NOT RIGHT TO TAKE PREFERENCES' 8 'DO NOT KNOW'
            9 'REFUSED'/
gl4a        1 'ESSENTIAL' 2 'VERY IMPORTANT' 3 'FAIRLY IMPORTANT'
            4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            9 'REFUSED'/
gl4b        1 'ESSENTIAL' 2 'VERY IMPORTANT' 3 'FAIRLY IMPORTANT'
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            4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            9 'REFUSED'/
gl4c        1 'ESSENTIAL' 2 'VERY IMPORTANT' 3 'FAIRLY IMPORTANT'
            4 'NOT VERY IMPORTANT' 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
            9 'REFUSED'/
msue1       1 'HIGH PRIORITY' 2 'SOME PRIORITY' 3 'LITTLE OR NO PRIORITY'
            8 'DO NOT KNOW' 9 'REFUSED'/
msue2       1 'HIGH PRIORITY' 2 'SOME PRIORITY' 3 'LITTLE OR NO PRIORITY'
            8 'DO NOT KNOW' 9 'REFUSED'/
msue3       1 'HIGH PRIORITY' 2 'SOME PRIORITY' 3 'LITTLE OR NO PRIORITY'
            8 'DO NOT KNOW' 9 'REFUSED'/
msue4       1 'HIGH PRIORITY' 2 'SOME PRIORITY' 3 'LITTLE OR NO PRIORITY'
            8 'DO NOT KNOW' 9 'REFUSED'/
msue5       1 'HIGH PRIORITY' 2 'SOME PRIORITY' 3 'LITTLE OR NO PRIORITY'
            8 'DO NOT KNOW' 9 'REFUSED'/
msue6       8 'DO NOT KNOW' 9 'REFUSED'/
CD1         1 'MALE' 5 'FEMALE'/
CD2         00 'YEAR OF BIRTH' 89 'YEAR OF BIRTH' 98 'DO NOT KNOW'
            99 'REFUSED'/
CD3         0 'DID NOT GO TO SCHOOL' 1 'GRADE' 11 'GRADE'
            12 'HIGH SCHOOL GRAD OR GED' 13 'COLLEGE' 15 'COLLEGE'
            16 'COLLEGE GRADUATE' 17 'SOME POST GRADUATE'
            18 'GRADUATE DEGREE' 20 'TECHNICAL/JUNIOR COLLEGE GRAD'
            98 'DO NOT KNOW' 99 'REFUSED'/
CD5a        1 'YES, HISPANIC' 5 'NO, NOT HISPANIC'/
CD4a@a      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
CD4a@b      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
CD4a@c      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
CD4a@d      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
CD4a@e      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
CD4a@f      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
CD6         0 'NONE' 1 'CATHOLIC' 2 'ISLAMIC/MUSLIM' 3 'JEWISH'
            4 'PROTESTANT' 5 'OTHER NON CHRISTIAN' 7 'OTHER CHRISTIAN'
            8 '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'/
partyid     0 'OTHER PARTY, OTHER' 1 'strong republican'
            2 'not strong republican' 3 'lean republican' 4 'neither'
            5 'lean democrat' 6 'not strong democrat' 7 'strong democrat'
            8 'DON''T 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'/
ideology    0 'OTHER' 1 'very conservative' 2 'somewhat conservative'
            3 'lean conservative' 4 'middle' 5 'lean liberal'
            6 'somewhat liberal' 7 'very liberal' 8 'DON''T KNOW'
            9 'REFUSED'/
CD8         1 'MARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'
            5 'MEMBER UNMARRIED COUPLE' 6 'SINGLE NEVER BEEN MARRIED'
            8 'DO NOT KNOW' 9 'REFUSED'/
CD10        1 'ADULTS' 98 'DO NOT KNOW' 99 'REFUSED'/
CD11        0 'NO CHILDREN' 1 'CHILDREN' 7 'CHILDREN' 8 'DO NOT KNOW'
            9 'REFUSED'/
CD15        1 'WORK FULL TIME' 2 'WORK PART TIME' 3 'WORK AND GO TO SCHOOL'
            4 'IN THE ARMED FORCES' 5 'JOB, DID NOT WORK LAST WEEK'
            6 'UNEMPLOYED' 7 'RETIRED' 8 'SCHOOL FULL-TIME' 9 'HOMEMAKER'
            10 'DISABLED' 98 'DO NOT KNOW' 97 'MISCELLANEOUS' 99 'REFUSED'/
UN1         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
UN2         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
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   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'/
   incc       1 'YES' 5 'NOT' 8 'DO NOT KNOW' 9 'REFUSED'/
   incd       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
   ince       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'/
   income     1 '$10,000 or less' 2 '$10,000-19,999' 3 '$20,000-29,999'
              4 '$30,000-39,999' 5 '$40,000-49,999' 6 '$50,000-59,999'
              7 '$60,000-69,999' 8 '$70,000 or more' 9 'DON''T KNOW'
              0 'REFUSED'/
   CD26       1 'PHONE NUMBERS' 8 'DO NOT KNOW'/
   X1         1 'RURAL COMMUNITY' 2 'SMALL CITY, TOWN, VILLAGE' 3 'A SUBURB'
              4 'URBAN COMMUNITY' 0 'OTHER: SPECIFY' 98 'DO NOT KNOW'/
   zipcode    48000 'ZIP CODE' 49999 'ZIP CODE' 8 'DO NOT KNOW'/
   RI         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'   .

MISSING VALUES  CC1 (9, 8).
MISSING VALUES  CC2 (9, 8).
MISSING VALUES  CC3 (9, 8).
MISSING VALUES  CC4 (9, 8).
MISSING VALUES  CC5 (9, 8).
MISSING VALUES  CC6 (9, 8).
MISSING VALUES  PO1 (9, 8).
MISSING VALUES  PO2 (9, 8).
MISSING VALUES  SEC4 (9, 8).
MISSING VALUES  reng1@a (99).
MISSING VALUES  reng1@b (90, 99).
MISSING VALUES  reng2a (99, 8).
MISSING VALUES  reng2b (99, 8).
MISSING VALUES  reng3a (99, 8).
MISSING VALUES  reng3b (99, 8).
MISSING VALUES  reng4c (9, 8).
MISSING VALUES  reng4a (9, 8).
MISSING VALUES  reng4b (9, 8).
MISSING VALUES  reng6a (9, 8).
MISSING VALUES  reng6b (9, 8).
MISSING VALUES  reng6c (9, 8).
MISSING VALUES  reng6d (9, 8).
MISSING VALUES  reng6e (9, 8).
MISSING VALUES  reng7 (9, 8).
MISSING VALUES  reng8 (9, 8).
MISSING VALUES  gw1 (9, 8).
MISSING VALUES  gw2 (9, 8).
MISSING VALUES  gw3 (9, 8).
MISSING VALUES  gw4 (9, 8).
MISSING VALUES  gw5 (9, 8).
MISSING VALUES  gw6 (9, 8).
MISSING VALUES  gw7 (9, 8).
MISSING VALUES  gw9 (9, 8).
MISSING VALUES  gw11 (9, 8).
MISSING VALUES  gw12 (9, 8).
MISSING VALUES  gw14 (9, 8).
MISSING VALUES  gw15 (9, 8).
MISSING VALUES  gw16 (9, 8).
MISSING VALUES  gw17 (9, 8).
MISSING VALUES  gw18 (9, 8).
MISSING VALUES  gw19 (9, 8).
MISSING VALUES  gw20 (9, 8).
MISSING VALUES  gw21 (9, 8).
MISSING VALUES  gw22 (9, 8).
MISSING VALUES  gw23 (9, 8).
MISSING VALUES  gw25 (9, 8).
MISSING VALUES  en1 (9, 8).
MISSING VALUES  en2 (9, 8).
MISSING VALUES  en3 (9, 8).
MISSING VALUES  en4 (9, 8).
MISSING VALUES  bs1 (9, 8).
MISSING VALUES  bs2 (9, 8).
```

```
MISSING VALUES  bs3 (9, 8).
MISSING VALUES  bs4 (9, 8).
MISSING VALUES  bs5a (9, 8).
MISSING VALUES  bs5b (9, 8).
MISSING VALUES  bs5c (9, 8).
MISSING VALUES  bs6a (9, 8).
MISSING VALUES  bs6b (9, 8).
MISSING VALUES  bs6c (9, 8).
MISSING VALUES  bs6d (9, 8).
MISSING VALUES  bs7 (9, 8).
MISSING VALUES  gl3v1 (9, 8).
MISSING VALUES  gl3v2 (9, 8).
MISSING VALUES  gl3v3 (9, 8).
MISSING VALUES  gl4a (9, 8).
MISSING VALUES  gl4b (9, 8).
MISSING VALUES  gl4c (9, 8).
MISSING VALUES  msue1 (9, 8).
MISSING VALUES  msue2 (9, 8).
MISSING VALUES  msue3 (9, 8).
MISSING VALUES  msue4 (9, 8).
MISSING VALUES  msue5 (9, 8).
MISSING VALUES  msue6 (9, 8).
MISSING VALUES  CD2 (99, 98).
MISSING VALUES  CD3 (99, 98).
MISSING VALUES  CD5a (9, 8).
MISSING VALUES  CD4a@a (9, 8).
MISSING VALUES  CD4a@b (9, 8).
MISSING VALUES  CD4a@c (9, 8).
MISSING VALUES  CD4a@d (9, 8).
MISSING VALUES  CD4a@e (9, 8).
MISSING VALUES  CD4a@f (9, 8).
MISSING VALUES  CD6 (99, 98).
MISSING VALUES  CD7@a (9, 8).
MISSING VALUES  CD7@b (9, 8).
MISSING VALUES  CD7@c (9, 8).
MISSING VALUES  CD7@d (9, 8).
MISSING VALUES  partyid (8, 9).
MISSING VALUES  P17@a (9, 8).
MISSING VALUES  P17@b (9, 8).
MISSING VALUES  P17@c (9, 8).
MISSING VALUES  P17@d (9, 8).
MISSING VALUES  ideology (9, 8).
MISSING VALUES  CD8 (9, 8).
MISSING VALUES  CD10 (99, 98).
MISSING VALUES  CD11 (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  incc (9, 8).
MISSING VALUES  incd (9, 8).
MISSING VALUES  ince (9, 8).
MISSING VALUES  incf (9, 8).
MISSING VALUES  incg (9, 8).
MISSING VALUES  income (9, 0).
MISSING VALUES  CD26 (9, 8).
MISSING VALUES  X1 (99, 98).
MISSING VALUES  RI (9, 8).
```

15. WEIGHTING COMMANDS

RE-CONTACT SEGMENT

```
compute sample=1.
*compute sample=2.
*if (imprace40 ge 1)sample=1.
value labels sample 1 'S45 re-interviews'  2 'S46 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=99).
*if (regn=99 and id1 ge 70000)regn=7.
*if (regn=99 and newregn2=6)regn=newregn2.

if (regn ne newregn2)regn=newregn2.
*compute listed=2.
compute list45=0.
freq var=regn listed.

weight off.
compute listwt=1.
if (listed='2')listwt=2.5145.
if (listed='1' or listed='3')listwt=0.7551.
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.
compute phwt=listwt.
if (cd26 eq 1 or cd26 ge 8)phwt=1.0510*listwt.
if (cd26 eq 2)phwt=0.5255*listwt.
if (cd26 eq 3)phwt=0.3503*listwt.
```

```
if (cd26 eq 4)phwt=0.2628*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
  VARIABLES=cd26 cd10.
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.
compute adltwt=phwt.
if (cd10=1)adltwt=phwt*0.5579.
if (cd10=2)adltwt=phwt*1.1158.
if (cd10=3)adltwt=phwt*1.6737.
if (cd10=4)adltwt=phwt*2.2317.
if (cd10=5)adltwt=phwt*1.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*1.
if (cd10=10)adltwt=phwt*1.
if (cd10=98 or adults=99) adltwt=phwt*.5213.

weight by adltwt.
freq var=cd10.

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

compute sample=2.
*if (imprace40 ge 1)sample=1.
value labels sample 1 'S45 re-interviews'  2 'S46 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.
*compute list45=0.
```

```
freq var=regn listed.

weight off.
compute listwt=1.
if (listed='2')listwt=2.3585.
if (listed='1' or listed='3')listwt=0.7633.
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.
compute phwt=listwt.
if (cd26 eq 1 or cd26 ge 8)phwt=1.0693*listwt.
if (cd26 eq 2)phwt=0.5346*listwt.
if (cd26 eq 3)phwt=0.3564*listwt.
if (cd26 eq 4)phwt=0.2673*listwt.
if (cd26 eq 5)phwt=0.2139*listwt.
if (cd26 eq 6)phwt=0.1782*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
  VARIABLES=cd26 cd10.
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.
compute adltwt=phwt.
if (cd10=1)adltwt=phwt*0.5502.
if (cd10=2)adltwt=phwt*1.1005.
if (cd10=3)adltwt=phwt*1.6507.
if (cd10=4)adltwt=phwt*2.2009.
if (cd10=5)adltwt=phwt*2.7512.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*1.
if (cd10=10)adltwt=phwt*1.
if (cd10=98 or adults=99) adltwt=phwt*.5502.

weight by adltwt.
freq var=cd10.

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


FREQUENCIES
  VARIABLES=cd1  cd2.

missing values cd2 ().
temporary.
select if (cd2=99 and sample=1).
freq var=id1.

compute age=0.
if (cd2 le 89)age=107-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 105)agecat=9.
missing values age (0)/agecat (9).
value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
    4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.

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

compute rac3=0.
compute multrace=0.
count mult2=cd4a@a to cd4a@e(1).
if (mult2=0 and cd5a=1)races=1.
if (cd4a@a=1 and mult2=1)races=1.
if (cd4a@b=1 and mult2=1)races=2.
if (cd4a@c=1 and mult2=1)races=3.
if (cd4a@d=1 and mult2=1)races=4.
if (cd4a@e=1 and mult2=1)races=5.
if (mult2 gt 1 and cd4a@e=1)races=5.
if (mult2 gt 1 and cd4a@d=1)races=4.
if (mult2 gt 1 and cd4a@c=1)races=3.
if (mult2 gt 1 and cd4a@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.
freq var=imprace.
weight off.

freq var=listed.
compute adj1=adltwt* 1.00.

weight by adj1.
compute ovrsamwt=adj1.
*if (listed='1')ovrsamwt=ovrsamwt*1.905735.
*if (listed='3')ovrsamwt=ovrsamwt*0.110155.
compute roundwt=ovrsamwt*10.
weight by roundwt.

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


*   This weights cases by gender, imprace and region.
compute racgenct=ovrsamwt.
if (imprace eq 1 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.2920.
if (imprace eq 2 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.0852.
if (imprace eq 1 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.7913.
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.7313.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.2654.
if (imprace eq 2 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.1648.
if (imprace eq 1 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*0.8730.
if (imprace eq 2 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*0.5744.

if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.0707.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*3.3096.
```

```
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.8809.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*6.2052.
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.3398.

if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.0447.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.5792.
if (imprace eq 3 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.1865.
if (imprace eq 1 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.0091.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.2652.
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*0.3427.

if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.1233.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.5799.
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.7836.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*2.4591.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.2672.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.4879.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.9241.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.0440.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.3564.
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.5744.

if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.9075.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.1259.
if (imprace eq 3 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.4127.
if (imprace eq 1 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.4316.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*1.1660.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.

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


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

compute agewt=racgenct.
if (agecat eq 1 and regn eq 1)agewt=racgenct*4.0165.
if (agecat eq 2 and regn eq 1)agewt=racgenct*1.1461.
if (agecat eq 3 and regn eq 1)agewt=racgenct*1.0106.
if (agecat eq 4 and regn eq 1)agewt=racgenct*2.0535.
if (agecat eq 5 and regn eq 1)agewt=racgenct*0.6667.
if (agecat eq 6 and regn eq 1)agewt=racgenct*0.2762.
if (agecat eq 7 and regn eq 1)agewt=racgenct*1.1096.

if (agecat eq 1 and regn eq 2)agewt=racgenct*1.4174.
if (agecat eq 2 and regn eq 2)agewt=racgenct*2.1658.
if (agecat eq 3 and regn eq 2)agewt=racgenct*1.0826.
if (agecat eq 4 and regn eq 2)agewt=racgenct*1.8288.
if (agecat eq 5 and regn eq 2)agewt=racgenct*0.5480.
if (agecat eq 6 and regn eq 2)agewt=racgenct*0.5978.
if (agecat eq 7 and regn eq 2)agewt=racgenct*1.0630.

if (agecat eq 1 and regn eq 3)agewt=racgenct*0.9510.
if (agecat eq 2 and regn eq 3)agewt=racgenct*1.6369.
if (agecat eq 3 and regn eq 3)agewt=racgenct*1.5981.
if (agecat eq 4 and regn eq 3)agewt=racgenct*1.5526.
if (agecat eq 5 and regn eq 3)agewt=racgenct*0.4861.
if (agecat eq 6 and regn eq 3)agewt=racgenct*0.8031.
if (agecat eq 7 and regn eq 3)agewt=racgenct*0.9684.

if (agecat eq 1 and regn eq 4)agewt=racgenct*2.4952.
if (agecat eq 2 and regn eq 4)agewt=racgenct*0.9739.
if (agecat eq 3 and regn eq 4)agewt=racgenct*0.9982.
if (agecat eq 4 and regn eq 4)agewt=racgenct*1.1418.
if (agecat eq 5 and regn eq 4)agewt=racgenct*0.7780.
```

```
if (agecat eq 6 and regn eq 4)agewt=racgenct*0.8446.
if (agecat eq 7 and regn eq 4)agewt=racgenct*0.7994.

if (agecat eq 1 and regn eq 5)agewt=racgenct*3.0522.
if (agecat eq 2 and regn eq 5)agewt=racgenct*0.8431.
if (agecat eq 3 and regn eq 5)agewt=racgenct*1.9835.
if (agecat eq 4 and regn eq 5)agewt=racgenct*1.2225.
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.6064.
if (agecat eq 6 and regn eq 5)agewt=racgenct*0.3944.
if (agecat eq 7 and regn eq 5)agewt=racgenct*0.8006.

if (agecat eq 1 and regn eq 6)agewt=racgenct*2.3272.
if (agecat eq 2 and regn eq 6)agewt=racgenct*13.1577.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.9294.
if (agecat eq 4 and regn eq 6)agewt=racgenct*1.0696.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.6937.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.4864.
if (agecat eq 7 and regn eq 6)agewt=racgenct*0.5339.

if (agecat eq 1 and regn eq 7)agewt=racgenct*2.0989.
if (agecat eq 2 and regn eq 7)agewt=racgenct*4.5089.
if (agecat eq 3 and regn eq 7)agewt=racgenct*1.4472.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.8530.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.5840.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.5271.
if (agecat eq 7 and regn eq 7)agewt=racgenct*0.4699.
weight by agewt.

compute roundwt=agewt*10.
weight by roundwt.

freq var=regn.


weight off.
freq var=regn.

*The following command adjusts the number of cases in each region
  back to the actual number interviewed.
compute adjwt=agewt.
if (regn=1)adjwt=agewt*1.07692.
if (regn=2)adjwt=agewt*1.24629.
if (regn=3)adjwt=agewt*0.86475.
if (regn=4)adjwt=agewt*0.91877.
if (regn=5)adjwt=agewt*1.07244.
if (regn=6)adjwt=agewt*0.93838.
if (regn=7)adjwt=agewt*1.33959.
*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'.
freq var=msueregn.

compute msuewt=adjwt.
if (regn=7)msuewt=adjwt*0.3651.
if (regn=6)msuewt=adjwt*1.4959.
*compute msuewt=msuewt*0.9986.
*if (msueregn=6)msuewt=msuewt*0.9949.
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*0.6864.
```

```
if (msueregn eq 2)statewt=msuewt*0.6761.
if (msueregn eq 3)statewt=msuewt*0.7305.
if (msueregn eq 4)statewt=msuewt*0.5294.
if (msueregn eq 5)statewt=msuewt*0.9121.
if (msueregn eq 6)statewt=msuewt*1.5183.
*compute statewt=statewt*0.9990.
weight by statewt.
freq var=regn msueregn.

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

*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=9.
if (inca=9)newinc=0.
if (inca=1)newinc=4.
if (inca=5)newinc=3.
if (incb=1)newinc=2.
if (incc=1)newinc=1.
if (incd=1)newinc=7.
if (ince=1)newinc=5.
if (ince=5)newinc=4.
if (incf=1)newinc=6.
if (incf=5)newinc=5.
if (incg=1)newinc=8.
if (newinc=8 and incd=5)newinc=6.
missing values income newinc ().
value labels income newinc  1 'LT $10,000'  2 '$10,000 - 19,999'  3 '$20,000 - 29,999'
    4 '$30,000 - 39,999'  5 '$40,000 - 49,999'  6 '$50,000 - 59,999'  7 '$60,000 - 69,999'
   8 '$70,000 or More'  9 'DK'  0 'REF'.
crosstab table=income by newinc.
missing values income newinc ().
recode income (-9=sysmis).

missing values newinc income (0,9).
freq var=newinc.
compute income=newinc.
*if (income=0 and (newinc40 gt 0 and newinc40 lt 9))income=newinc40.
*if (income=9 and (newinc40 gt 0 and newinc40 lt 9))income=newinc40.

freq var=income.

freq var=length.
if (length lt 14)length=0.
if (length gt 36)length=0.
missing values length (0).

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


var labels
     newregn2 'Alternate coding of cases into regions based on FIPS'/
     listwt 'Weight adjustment for listed vs nonlisted numbers'/
     phwt 'Weight adjustment for number of phone lines to HHLD'/
     adltwt 'Weight adjustment for number adults in HHLD'/
```

```
     age 'Rs age calculated from year born (CD2)'/
     agecat  'Rs age in categories'/
     rac3   'Rs race in 3 categories and missing'/
     mult2  'Number racial groups R claims'/
     races  'Rs race in 6 categories'/
     imprace 'Rs race in 3 categories with imputation if missing'/
     adj1 'interim weight adjustment'/
     ovrsamwt 'interim weight adjustment'/
     racgenct 'Sex x Race x Region weight adjustment'/
     agewt  'Age x Region weight adjustment'/
     adjwt 'Adjustment to correct rounding errors within region'/
     msueregn 'MSU Extension Regions (Detroit in Reg. 6)'/
     msuewt 'Weight to fold Detroit into Region 6'/
     statewt 'Final weight for statewide analysis'/
     newinc 'Alternate gathering of income responses'.


* New weighting for New MSU Extension Regions, start with OVRSAMWT and use age by race by sex within
regions.

*region 5 Southeast 26115 'Monroe' 26163 'Wayne' 26161 'Washtenaw' 26093 'Livingston' 26125 'Oakland'
26099 'Macomb'  26147 'St Clair' 26087 'Lapeer'  26049 'Genesee' 26151 'Sanilac' 26145 'Saginaw' 26157
'Tuscola' 26063 'Huron'.

*Region 4  Southwest  26091 'Lenawee' 26059 'Hillsdale' 26023 'Branch' 26149 'St Joseph' 26027 'Cass'
26021 'Berrien' 26075 'Jackson' 26025 'Calhoun' 26077 'Kalamazoo' 26159 'Van Buren' 26065 'Ingham' 26045
'Eaton' 26015 'Barry' 26005 'Allegan' 26155 'Shiawassee' 26037 'Clinton' 26067 'Ionia' 26121 'Muskegon' .

*Region 3 Central   26081 'Kent' 26139 'Ottawa' 26057 'Gratiot' 26117 'Montcalm' 26123 'Newaygo' 26111
'Midland' 26073 'Isabella' 26107 'Mecosta' 26127 'Oceana' 26017 'Bay' 26011 'Arenac' 26051 'Gladwin'
26035 'Clare' 26133 'Osceola' 26085 'Lake' 26105 'Mason' .


*Region 2 North     26047 'Emmet'  26031 'Cheboygan' 26141 'Presque Isle' 26007 'Alpena' 26119
'Montmorency' 26137 'Otsego' 26029 'Charlevoix'  26089 'Leelanau' 26019 'Benzie' 26055 'Grand Traverse'
26079 'Kalkaska'    26039 'Crawford'  26135 'Oscoda' 26001 'Alcona' 26069 'Iosco'  26009 'Antrim'   26101
'Manistee'  26113 'Missaukee'  26129 'Ogemaw'   26143 'Roscommon'   26165 'Wexford' .


*Region 1 Upper Peninsula  26109 'Menominee' 26041 'Delta'  26033 'Chippewa' 26095 'Luce' 26097
'Mackinac' 26153 'Schoolcraft' 26003 'Alger'  26103 'Marquette' 26043 'Dickinson' 26071 'Iron' 26053
'Gogebic' 26013 'Baraga' 26131 'Ontonagon'  26083 'Keweenaw' 26061 'Houghton' .



* NEW MSUE REGION GROUPINGS OF COUNTIES calculations are in Region1-6.xls files of Census for Race
folder.

compute msue2005=0.
if (cnty=26109 or cnty=26041 or cnty=26033 or cnty=26095 or cnty=26097 or cnty=26153 or cnty=26003
  or cnty=26103 or cnty=26043 or cnty=26071 or cnty=26053 or cnty=26013 or cnty=26131 or cnty=26083
  or cnty=26061)msue2005=1.

if (cnty=26047 or cnty=26031 or cnty=26141 or cnty=26007 or cnty=26119 or cnty=26137 or cnty=26029
  or cnty=26089 or cnty=26019 or cnty=26055 or cnty=26079 or cnty=26039 or cnty=26135 or cnty=26001
  or cnty=26069 or cnty=26009 or cnty=26101 or cnty=26113 or cnty=26129 or cnty=26143
  or cnty=26165)msue2005=2.

if (cnty=26081 or cnty=26139 or cnty=26057 or cnty=26117 or cnty=26123 or cnty=26111 or cnty=26073
  or cnty=26107 or cnty=26127 or cnty=26017 or cnty=26011 or cnty=26051 or cnty=26035 or cnty=26133
  or cnty=26085 or cnty=26105)msue2005=3.

if (cnty=26091 or cnty=26059 or cnty=26023 or cnty=26149 or cnty=26027 or cnty=26021 or cnty=26075
  or cnty=26025 or cnty=26077 or cnty=26159 or cnty=26065 or cnty=26045 or cnty=26015 or cnty=26005
  or cnty=26155 or cnty=26037 or cnty=26067or cnty=26121 )msue2005=4.

if (cnty=26115 or cnty=26163 or cnty=26161 or cnty=26093 or cnty=26125 or cnty=26099 or cnty=26147
  or cnty=26087 or cnty=26049 or cnty=26151 or cnty=26145 or cnty=26157 or cnty=26063)msue2005=5.
if (newregn2=7)msue2005=6.
value labels msue2005 1 'Upper Peninsula'  2 'North'  3 'Central'  4 'Southwest'  5 'Southeast' 6
'Detroit'.
freq var=msue2005.

weight off.
```

```
weight by statewt.
freq var=msue2005.

compute roundwt=ovrsamwt*10.
weight by roundwt.
freq var=msue2005.

recode age (18 thru 29=1)(30 thru 44=2)(45 thru 64=3)(65 thru 102=4) (0=9) into agecat4.
value labels agecat4 1 '18-29'  2 '30-44' 3 '45-64'  4 '65+'  9 'missing'.
freq var=agecat4.

CROSSTABS
  /TABLES=agecat4  BY imprace  BY CD1  BY msue2005
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

compute newregARSwt=ovrsamwt.
* Region 1.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*3.7382.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*2.5368.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.7694.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*0.9659.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt*1.6245.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*0.6647.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.5063.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*1.4885.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=1 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=1 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 0.5337.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1 .
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.4304.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.3276 .
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

*Region 2.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*1.11643.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*1.35212.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.87092.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*1.74859.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt*1.12813.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*2.16518.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.63152.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*0.80236.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=2 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1 .
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1 .
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1 .
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```
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 0.26473.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.20699.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1 .
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1 .
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.34641.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

*Region 3.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*0.9036.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*1.6837.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.5536.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*1.1597.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt*2.9660.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*1.0740.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.9598.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*1.1597.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1 .

if (msue2005=3 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.1395.
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.0818.
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1 .
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 0.4591.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.3345.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=3 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1 .
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1 .
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 0.2479.
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.1903.
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

* Region 4.
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*1.7914.
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*1.7727.
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*1.1740.
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*0.8817.
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt*0.9529.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*1.2325.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.4836.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*0.7597.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=4 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 3.9850
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1 .
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 2.4700.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.0920.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=4 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.2372.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
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if (msue2005=4 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.5568.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.2101.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1 .

* Region 5.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*3.9030.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.4268.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.0788.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.5763.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 3.5115.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 2.0066.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.8710.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.6402.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=5 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.9313.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.7836.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.3492.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 0.2245.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 0.6488.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.4929.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 2.3229.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=5 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 3.3249.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.5608.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.0715.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*6.2100.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.9311.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1 .

* Region 6.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*1.6121.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.6552.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.6968.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.4391.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1 .
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 0.7294.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 0.8869.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.3736.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.2548.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=6 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 2.3015.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.4634.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.8581.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.5223.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 6.3910.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 2.6860.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.7129.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.5055.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

if (msue2005=6 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.1903.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.5080.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

weight by newregarswt.
```

```
freq var=msue2005 imprace cd1 agecat4.

compute roundwt=10*newregarswt.
weight by roundwt.
freq var=msue2005.

weight off.
freq var=msue2005.

compute newadjwt=1.
if (msue2005=1)newadjwt=newregarswt*1.11617.
if (msue2005=2)newadjwt=newregarswt*1.22421.
if (msue2005=3)newadjwt=newregarswt*0.96266.
if (msue2005=4)newadjwt=newregarswt*0.9295.
if (msue2005=5)newadjwt=newregarswt*0.88489.
if (msue2005=6)newadjwt=newregarswt*1.347639.
weight by newadjwt.
freq var=msue2005.

compute roundwt=10*newadjwt.
weight by roundwt.
freq var=msue2005.

compute MSUE2005wt=newadjwt.
if (msue2005=5)msue2005wt=newadjwt*1.36156.
if (msue2005=6)msue2005wt=newadjwt*0.41046.
weight by MSUE2005wt.
recode msue2005 (1=1)(2=2)(3=3)(4=4)(5,6=5) into MSUE2005r5.
value labels msue2005r5 1 'UP'  2 ' North'  3 'Central'  4 'Southwest'  5 'Southeast'.
freq var=msue2005r5.

var labels msue2005 'New MSU Extension regions plus city of Detroit'/
               agecat4 'Respondents age in 4 categories'/
               newregARSwt 'preliminary new MSUE region wt'/
               newadjwt 'Final adjust weight for new MSUE regions with Detroit separate'/
               MSUE2005wt 'Final new MSUE region wt with Detroit in Region 5'/
               MSUE2005r5  'New MSUE regions (5) with Detroit in region 5'.

*recode P4a@a (91=97) (90=99) (36=97).
*recode P4a@b (90=95).
*value labels p4a@a p4a@b 90 'no problems'.
*freq var= p4a@a p4a@b.
*recode a1 (91=97).


compute adjwt10=adjwt*10000.
compute msuewt10=msuewt*10000.
compute statewt10=statewt*10000.
compute newadjwt10=newadjwt*10000.
compute msue2005wt10=msue2005wt*10000.
*compute racewt=racewt*10000.

write Outfile='q:\msusos46\productn\rdd\c-inst\finaldata\soss46wt.dat'
 /1        ID1  1-5  (A)
            R1  6
           cnty  7-11
           regn 12       newreg5 13
         random 14       random1 15
        random2 16
        random3 17
         listed 18
            CC1 19           CC2 20           CC3 21           CC4 22
            CC5 23           CC6 24           PO1 25           PO2 26
           SEC4 27       reng1@a 28-29    reng1@b 30-31     reng2a 32-33
         reng2b 34-35     reng3a 36-37     reng3b 38-39     reng4c 40
         reng4a 41        reng4b 42        reng6a 43        reng6b 44
         reng6c 45        reng6d 46        reng6e 47         reng7 48
          reng8 49           gw1 50           gw2 51           gw3 52
            gw4 53           gw5 54           gw6 55           gw7 56
            gw9 57          gw11 58          gw12 59          gw14 60
           gw15 61          gw16 62          gw17 63          gw18 64
           gw19 65          gw20 66          gw21 67          gw22 68
           gw23 69          gw25 70           en1 71           en2 72
            en3 73           en4 74           bs1 75           bs2 76
```

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           bs3 77           bs4 78          bs5a 79          bs5b 80
 /2       bs5c  1          bs6a  2          bs6b  3          bs6c  4
         bs6d  5           bs7  6         gl3v1  7         gl3v2  8
        gl3v3  9          gl4a 10          gl4b 11          gl4c 12
        msue1 13         msue2 14         msue3 15         msue4 16
        msue5 17         msue6 18           CD1 19           CD2 20-21
          CD3 22-23       CD5a 24        CD4a@a 25        CD4a@b 26
       CD4a@c 27        CD4a@d 28        CD4a@e 29        CD4a@f 30
          CD6 31-32      CD7@a 33         CD7@b 34         CD7@c 35
        CD7@d 36       partyid 37         P17@a 38         P17@b 39
        P17@c 40         P17@d 41      ideology 42           CD8 43
         CD10 44-45       CD11 46          CD15 47-48       UN1 49
          UN2 50           UN3 51          inca 52          incb 53
         incc 54          incd 55          ince 56          incf 57
         incg 58        income 59          CD26 60            X1 61-62
      zipcode 63-67          RI 68
 /3   contacts 51-52
        length 53-56
         idate 57-64 (A)
          iwer 65-67 (A)
         males 68-69 (A)
       females 70-71 (A)
 /4     races  57  AGECAT 58 ADJWT10 59-64
        MSUEREGN 65  MSUEWT10 66-72
          STATEWT10 74-79 rac3 80 AGE 81-83   imprace 84  newinc  85  sample 86  msue2005 87  agecat4 88
        newadjwt10  90-96  msue2005wt10 98-104  msue2005r5 105.
execute .
recode age (99=0).
```