

METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY
STATE OF THE STATE SURVEY
[MSU SOSS-47]

Winter 2008 Round

Prepared by:

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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. To Provide Information about Citizen Opinion on Critical Issues. 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-47 focused on respondents' views of the most important problems facing their communities and that they want state government to address, the amount of bi-partisanship needed to solve problems and the amount currently being demonstrated, their trust in governments to do the right thing, their views on term limits for elected officials and on the ethics of elected officials.

It also included questions on energy use, renewable energy, global warming, and policy options intended to address these. It included questions on current housing values, incomes, standards of living, perceptions of change in these, and current tax burdens and options. It included a section of questions on computer use, internet access, and e-government services. And, it included a section of questions about the well-being of Michigan's cities, the importance of re-development in urban cores, and respondents' views on policy options to address brownfields in particular.

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 Winter 2008 survey was comprised of:

Mr. John Bellow, Executive Director, The Center for Michigan

Dr. Roger Hamlin, Professor, School Of Planning, Design & Construction,
Michigan State University

Dr. Richard Hula, Professor, Chair, Department of Political Science,
Michigan State University

Dr. Mark Skidmore, Professor, Agricultural, Food, And Resource Economics,
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Dr. Scott Loveridge, Professor, Associate Chair, Agricultural, Food, and
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Michigan State University

Dr. Stephen Harsh, Professor, Department of Agricultural, Food, and
Resource Economics, Michigan State University

Dr. Lynn Hamilton, Visiting Professor, Department of Agricultural, Food,
and Resource Economics

Mr. Tim Komarek, Graduate Research Assistant, Department of
Agricultural, Food, and Resource Economics

Dr. Charles Ballard, Professor, Department of Economics, Director, State of
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Dr. Paul Menchik, Professor, Department of Economics, Michigan State
University

Ms. Amy Baumer, Michigan Department of Information Technology, Bureau
of Strategic Policy

Dr. Douglas B. Roberts, Director, Institute for Public Policy and Social
Research, Michigan State University

Ms. Cynthia Kyle, Institute for Public Policy and Social Research,
Educational Program Coordinator, Michigan State University

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2008 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
- The Center for Michigan
- Michigan Department of Information Technology, Bureau of Strategic Policy

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-47's sample of completed interviews derived from re-interviews with SOSS-46 participants to less than half of the total number of SOSS-47 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-47, 6,099 phone numbers were used, 561 in the re-contact segment and 5,536 in the new RDD segment. The working phone number rate was 82.4% in the re-contact segment and 62.8% 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 adlwt) 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 AGE4. 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:

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

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

<u>REGION</u>	<u>Number of Cases</u>	<u>Margin of Sampling Error</u>
Upper Peninsula	54	± 13.5%
Northern Lower Peninsula	89	± 10.4%
West Central	183	± 7.3%
East Central	162	± 7.7%
Southwest	161	± 7.7%

Southeast	206	± 6.8%
Detroit	157	± 7.8%
Statewide Total	1,012	± 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 78 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 January 24, 2008 and continued through March 20, 2008.

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 25.7 minutes (standard deviation= 4.2) with a median of 25.0 minutes. In the case of an initial refusal, numbers were called back after eight days (although this was shortened as the end of the field period neared). Efforts were made to persuade initially reluctant respondents to complete the interview.

Completion Rate. A total of 1,012 interviews was completed, 299 with participants re-contacted from the SOSS-46 survey and 713 with new RDD

participants. The overall completion rate among eligible households for the study was 37.0% (30.5% in the new RDD segment and 76.3% in the re-contact segment).¹

Of those completing the interview, the mean number of calls required was 4.8 (4.6 among the re-contact cases and 4.9 among the new RDD cases). Interviewers made a total of 39,725 calls to complete the 1,012 interviews.

The refusal rate was 26.6%.

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 This is based on computation and classification coding developed by the advisory team for SOSS. Since then, the American Association of Public Opinion Research has published Standard Definitions as a guide to developing more nearly standard formulas for computing response rates, cooperation rates, refusal rates, and contact rates. Using AAPOR's formula RR4, the response rate for SOSS-47 was 32.8%, the refusal rate (REF2) was 23.6%, the cooperation rate was 58.2%, and the contact rate was 95.0%.

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 (Winter, 2008)

CONSENT< [loc 0/550]

Before we begin, let me tell you that this interview is completely voluntary. You may end your participation at any time. Information collected for this study will be kept confidential to the extent allowed by local, state and federal law, and no reference will be made in any oral or written report that would link you individually to the study. Should we come to any question that makes you feel too uncomfortable or you do not want to answer, just let me know and we can go on to the next question.

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

[yellow]READ ONLY IF NECESSARY:

If you have any questions or concerns regarding your rights as a study participant, or are dissatisfied at any time with any aspect of this study, you may contact - anonymously, if you wish - Peter Vasilenko, Ph.D, Director of the Human Subject Protection Programs at Michigan State University, by phone: 517.355.2180, fax: 517. 432.4503, email: irb@msu.edu, or regular mail: 202 Olds Hall, East Lansing, MI 48824.[n]

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

[@]<1>

>term< [allow 4][copy term in term]
>termstart< [allow 4]
>termstop< [allow 4]

>housing< [allow 4][copy housing in housing]
>housingstart< [allow 4]
>housingstop< [allow 4]

>internet< [allow 4][copy internet in internet]
>istart< [allow 4]
>istop< [allow 4]

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

>newreg5< [allow 1][copy newreg5 in newreg5]

>random1< [allow 1][#inputloc 1/122] 1-4[copy random1 in random1]
>random2< [allow 1][#inputloc 1/124] 1-2 [copy random2 in random2]
>random3< [allow 1][#inputloc 1/126] 1-5 [copy random3 in random3]
>random4< [allow 1][#inputloc 1/128] 1-3 [copy random4 in random4]

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

>CC1<

I'd like to start by asking you a few questions about how things are going for Michigan residents in general.

Would you say that you (and your family living there) are [bold]better off[n] or [bold]worse off[n] financially than you were a year ago?

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 DOWN3
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], worse 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]

>A1<

What would you say is the most important problem facing your community today?

SEE CODING SHEET FOR CODING OPTIONS..0 @

NO PROBLEMS.....90
MISCELLANEOUS.....91
DO NOT KNOW.....98
REFUSED.....99

[@] 0 SPECIFY[#specify]
<1> SCHOOL FINANCE/EDUCATION FUNDING <2> EDUCATION QUALITY/IMPROVE EDUCATION
<9> EDUCATION:GENERAL
<10> MEDICAL CARE/HEALTH CARE: GENERAL <11> ELDERLY/MEDICAL CARE ELDERLY: MEDICARE
<12> RACISM/EQUAL OPPORTUNITIES <13> POVERTY/POOR <14> HOMELESSNESS
<15> HOUSING/LACK AFFORDABLE HOUSING <16> WELFARE REFORM/CUT WELFARE <17> WELFARE
EXPANSION/MORE PROGRAMS
<20> UNEMPLOYMENT/JOBS <21> DEVELOPMENT/GROWTH/ECONOMY/LOSS BUSINESS
<22> OVER EXPANSION/TOO MUCH GROWTH <23> FARMING/DECLINE FARMING
<24> COST OF GOODS/INFLATION <25> FAMILY INCOME/FINANCES
<30> TAXES: LOCAL/CITY/PROPERTY <31> LEADERSHIP/CITY LEADERS
<32> CORRUPTION: LOCAL LEVEL <33> TOO MUCH GOVERNMENT <34> COURTS/JUDICIAL REFORM
<35> TAXES: STATE/FEDERAL <36> LEADERSHIP: STATE/FEDERAL GOVERNMENT
<37> CORRUPTION: STATE/FEDERAL LEVEL <40> THEFT <41> SAFETY/STREET VIOLENCE <26> PROPERTY
VALUES/FORECLOSURES
<42> GUN CONTROL <43> DRUGS/DRUG DEALERS <44> CRIME: GENERAL
<50> GANGS/TEEN VIOLENCE <51> LACK ACTIVITIES YOUTH/YOUTH OUTREACH
<52> TEENAGE PREGNANCY <53> YOUTH AND DRUGS <54> YOUTH DRINKING/ALCOHOL ABUSE
<55> PEER PRESSURE <60> DIVORCE/BROKEN HOMES/SINGLE PARENTS <61> CHILD ABUSE/CHILD
ENDANGERMENT
<62> DISCIPLINE/PARENTAL CONTROL <63> VALUES/MORALITY/RELIGION <64> FAMILY ALCOHOLISM/DRUG
ABUSE
<70> POLLUTION <71> JUNK/DIRTY CITY/BLIGHT <72> LANDFILLS <73> LAND USE
<74> POPULATION GROWTH <75> LACK RECYCLING <76> WETLAND/NATURAL AREA PRESERVATION
<80> WATER/SEWERS <81> TRASH/GARBAGE COLLECTION <82> POLICE/MORE LAW ENFORCEMENT
<83> FIRE/MORE FIRE PROTECTION <84> ROADS/ROAD REPAIR/STREET UPKEEP
<85> TRANSPORTATION/BUSES <86> ANIMAL CONTROL <87> TRAFFIC CONGESTION/TRAFFIC
<90> NO PROBLEMS <91> MISCELLANEOUS <98> DO NOT KNOW[missing] <99> REFUSED[missing]

>P01<

The next few questions are about our elected officials and different levels of government.

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

>P02<

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

>P4a<

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

- SPECIFY.....0 @a
- SPECIFY 2ND MENTION.....0 @b

- NO OTHERS MENTIONED.....90
- MISCELLANEOUS.....91
- DO NOT KNOW.....98
- REFUSED/NO ANSWER.....99

[@a] 0 [#specify]

- <1> ECONOMY/BUSINESS/ENCOURAGE BUSINESS GROWTH <2> JOBS/UNEMPLOYMENT/WORK/WAGES
- <3> HEALTH CARE <4> CRIME/DRUGS/VIOLENCE <5> SCHOOL FUNDING/SCHOOL FINANCES <6> POVERTY/HOMELESS/SOCIAL PROGRAMS <7> WELFARE REFORM <8> TAXES/REDUCE TAXES
- <9> SENIORS/PRESCRIPTION DRUG COVERAGE <10> REDUCE BUDGETS/SIZE GOVERNMENT
- <11> MORAL ISSUES/ABORTION/FAMILY VALUES <12> FOREIGN POLICY <13> ENVIRONMENT
- <14> ROADS/HIGHWAYS/BRIDGES REPAIR <15> ELECTION REFORM <16> GUN CONTROL
- <17> JOB TRAINING/RETRAINING <18> DIVERSITY/RACE RELATIONS <19> TEACHER TESTING
- <20> REGULATION/DEREGULATION <21> EDUCATION QUALITY/STANDARDS <22> REDUCE BUDGETS/REDUCE SIZE GOVERNMENT/RESTRICT GOVERNMENTS
- <23> MICHIGAN'S BUDGET CRISIS/SOLVE BUDGET ISSUES <24> PROPERTY VALUES/FORECLOSURES
- <91> MISCELLANEOUS
- <98> DO NOT KNOW[missing][goto cfml] <99> REFUSED [missing][goto cfml]

[@b] 0 [#specify] <90>NO OTHERS

- <1> ECONOMY/BUSINESS/ENCOURAGE BUSINESS GROWTH <2> JOBS/UNEMPLOYMENT/WORK/WAGES
- <3> HEALTH CARE <4> CRIME/DRUGS/VIOLENCE <5> SCHOOL FUNDING/SCHOOL FINANCES <6> POVERTY/HOMELESS/SOCIAL PROGRAMS <7> WELFARE REFORM <8> TAXES/REDUCE TAXES
- <9> SENIORS/PRESCRIPTION DRUG COVERAGE <10> REDUCE BUDGETS/SIZE GOVERNMENT

<11> MORAL ISSUES/ABORTION/FAMILY VALUES <12> FOREIGN POLICY <13> ENVIRONMENT
<14> ROADS/HIGHWAYS/BRIDGES REPAIR <15> ELECTION REFORM <16> GUN CONTROL
<17> JOB TRAINING/RETRAINING <18> DIVERSITY/RACE RELATIONS <19> TEACHER TESTING
<20> REGULATION/DEREGULATION <21> EDUCATION QUALITY/STANDARDS <22> REDUCE BUDGETS/REDUCE SIZE
GOVERNMENT/RESTRICT GOVERNMENTS
<23> MICHIGAN'S BUDGET CRISIS/SOLVE BUDGET ISSUES
<91> MISCELLANEOUS <98> DO NOT KNOW[missing] <99> REFUSED [missing]
<24>

>cfm1<

Republican and Democratic lawmakers tend to view Michigan's problems and challenges differently and often have different ideas for solving these problems and challenges.

On a scale from 1 to 10 where [bold]1[n] is [bold]not[n] important at all and [bold]10[n] is [bold]extremely[n] important, in your opinion, how important or unimportant is it to Michigan's future that Republican and Democratic lawmakers cooperate with each other in developing solutions to Michigan's problems and challenges?

NOT IMPORTANT AT ALL.....1 @
2 - 9
VERY IMPORTANT.....10

DO NOT KNOW....98
REFUSED99

[@] <1> NOT IMPORTANT AT ALL <2-9> <10> VERY IMPORTANT
<98> DO NOT KNOW[missing] <99> REFUSED

>cfm2<

In order to solve Michigan's problems and challenges, do you think that [bold]both[n] parties need to compromise [bold]equally[n], Democrats need to compromise more, or Republican need to compromise more?

BOTH PARTIES NEED TO COMPROMISE.....1 @
DEMOCRATS NEED TO COMPROMISE MORE....2
REPUBLICANS NEED TO COMPROMISE MORE..3

DO NOT KNOW....8
REFUSED9

[@] <1> BOTH PARTIES NEED TO COMPROMISE <2> DEMOCRATS NEED TO COMPROMISE MORE
<3> REPUBLICANS NEED TO COMPROMISE MORE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>cfm3<

How much do you think Republican and Democratic state lawmakers are currently working together to find solutions to Michigan's current problems and challenges?

Would you say a lot, quite a bit, some, only a little, or not at all?

A LOT.....1 @
QUITE A BIT.....2
SOME.....3
ONLY A LITTLE.....4
NOT AT ALL.....5

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

[@] <1> A LOT <2> QUITE A BIT <3> SOME <4> ONLY A LITTLE <5> NOT AT ALL

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

>cfm4<

Compared to previous election years, do you think Michigan voters this election year will vote [bold]more[n] along party lines, [bold]less[n] along party lines, or vote as they have in previous election years?

MORE ALONG PARTY LINES1 @
LESS ALONG PARTY LINES.....2
VOTE AS ALWAYS HAVE.....3

OTHER: SPECIFY.....0

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

[@] <1> MORE ALONG PARTY LINES <2> LESS ALONG PARTY LINES <3> VOTE AS ALWAYS HAVE
0 OTHER: SPECIFY [#specify]
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>D10<

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

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

NEARLY ALWAYS OR MOST OF THE TIME.....1 @
SOME OF THE TIME.....2
SELDOM.....3
ALMOST NEVER.....4

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

[@]<1> NEARLY ALWAYS OR MOST OF THE TIME <2> SOME OF THE TIME
<3> SELDOM <4> ALMOST NEVER
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>D11<

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

NEARLY ALWAYS OR MOST OF THE TIME.....1 @
SOME OF THE TIME.....2
SELDOM.....3
ALMOST NEVER.....4

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

[@]<1> NEARLY ALWAYS OR MOST OF THE TIME <2> SOME OF THE TIME
<3> SELDOM <4> ALMOST NEVER
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>D12<

How much of the time do you think you can trust your [bold]local

government[n] to do what is right -- nearly always or most of the time, some of the time, seldom, or almost never?

NEARLY ALWAYS OR MOST OF THE TIME.....1 @
SOME OF THE TIME.....2
SELDOM.....3
ALMOST NEVER.....4

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

[@]<1> NEARLY ALWAYS OR MOST OF THE TIME <2> SOME OF THE TIME
<3> SELDOM <4> ALMOST NEVER
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>wl< [settime termstart]

The next couple of questions are about term limits.

In 1992, the voters approved an amendment to the state constitution that places limits on the number of terms in office that can be served by the governor and members of the state legislature.

Do you approve or disapprove of these term limits.

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

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

[@]<1> APPROVE <5> DISAPPROVE
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>eth1<

To what extent do you agree or disagree with the following statement?

Most state legislators are ethical people.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
SOMEWHAT DISAGREE.....3
STRONGLY DISAGREE.....4

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

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

>eth7<

Since the implementation of term limits, do you think that state legislators are more ethical or less ethical than they were before term limits?

MORE ETHICAL.....1 @
LESS ETHICAL.....2
NO DIFFERENCE/ABOUT THE SAME.....3

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

[@]<1> MORE ETHICAL <2> LESS ETHICAL <3> NO DIFFERENCE/SAME
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>msueng1<

Next, I have a some questions about energy use and production.

Do you think the United States is heading in the [bold]right[n] direction or the [bold]wrong[n] direction with respect to energy use and production?

HEADING RIGHT DIRECTION.....1 @
HEADING IN WRONG DIRECTION.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> HEADING RIGHT DIRECTION <5> HEADING IN WRONG DIRECTION
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng2<

Why do you think the United States is heading in the [bold]right[n] direction with respect to energy use and production?

Why do you think the United States is heading in the [bold]wrong[n] direction with respect to energy use and production?

		NO NATIONAL ENERGY POLICY.....18
GAS PRICES TOO LOW.....1		RENEWABLE/FOCUS ON ALTERNATIVE ENERGY SOURCES, WIND,SOLAR, HYDRO.....9 @
GAS PRICES TOO HIGH.....2		TOO MUCH GOVERNMENT INTERFERENCE.....10
ENERGY PRICES TOO LOW...3		WORLD IMAGE.....11
ENERGY PRICES TOO HIGH..4		ENERGY SECURITY.....12
CLIMATE CHANGE/WARMING..5		DEPENDENCE ON FOREIGN OIL, FOSSIL FUELS/MORE DOMESTIC DRILLING OIL...13
ENVIRONMENTAL ISSUES....6		FOCUS MORE ON CONSERVING ALL ENERGY
ETHANOL GOOD.....7		SOURCES (gas,oil,etc).....17
ETHANOL BAD.....8		PROFITS TOO HIGH OIL COMPANIES, SPECIAL INTEREST GROUPS...14
		FOCUS MORE ON ENERGY EFFICIENCY (hybrid cars, etc).....16
MISCELLANEOUS.....90		DON'T KNOW.....98 REFUSED99

[@] <1> GAS PRICES TOO LOW <9> RENEWABLE ENERGY WIND, SOLAR, HYDRO
<2> GAS PRICES TOO HIGH <10> TOO MUCH GOVERNMENT INTERFERENCE <3> ENERGY PRICES TOO LOW
<11> WORLD IMAGE <4> ENERGY PRICES TOO HIGH <12> ENERGY SECURITY
<5> CLIMATE CHANGE/WARMING <6> ENVIRONMENTAL ISSUES 0 OTHER: SPECIFY[#specify]
<7> ETHONOL GOOD <98> DO NOT KNOW [missing]
<8> ETHONOL BAD <99> REFUSED[missing] <18> NO NATIONAL ENERGY POLICY
<13> DEPENDENCE ON FOREIGN OIL/FOSSIL FUELS <14> PROFITS TOO HIGH OIL COMPANIES
<15> FOCUS ON ALTERNATIVE ENERGY SOURCES <16> FOCUS ON ENERGY EFFICIENCY
<17> FOCUS MORE ON CONSERVING ALL ENERGY SOURCES
<90> MISCELLANEOUS

>msueng3<

Thinking about energy policy, in your opinion, should the Michigan Legislature pass laws to encourage increased use of renewable energy?

[bold]IWER: RENEWABLE ENERGY DEFINITION: "Renewable energy sources include wind, solar and hydro (water) energy". [n]

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO [goto msueng5a]
<8> DO NOT KNOW[missing] <9> REFUSED[missing][goto msueng5a]

>msueng< [if random1 eq <1> goto msueng4a]
[if random1 eq <2> goto msueng4b]
[if random1 eq <3> goto msueng4c]
[if random1 eq <4> goto msueng4d]

>msueng4a<

Would you still favor laws encouraging the increased use of renewable energy even if it raised your energy costs by \$5.00 per month?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto msueng5a]

>msueng4b<

Would you still favor laws encouraging the increased use of renewable energy even if it raised your energy costs by \$10.00 per month?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto msueng5a]

>msueng4c<

Would you still favor laws encouraging the increased use of renewable energy even if it raised your energy costs by \$20.00 per month?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto msueng5a]

>msueng4d<

Would you still favor laws encouraging the increased use of renewable energy even if it raised your energy costs by \$30.00 per month?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto msueng5a]

>msueng5a<

Thinking about other energy related issues, please tell me how important each of the following is to you.

Combating global warming?

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

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NEITHER IMPORTANT/UNIMPORTANT...3

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

DO NOT KNOW.....8
REFUSED9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NEITHER IMPORTANT/UNIMPORTANT
<4> NOT VERY IMPORTANT <5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng5b<

Environmental concerns such as acid rain, water quality, and smog?

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

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NEITHER IMPORTANT/UNIMPORTANT...3
NOT VERY IMPORTANT.....4
NOT IMPORTANT AT ALL.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NEITHER IMPORTANT/UNIMPORTANT
<4> NOT VERY IMPORTANT <5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng5c<

Reducing future energy costs?

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

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NEITHER IMPORTANT/UNIMPORTANT...3
NOT VERY IMPORTANT.....4
NOT IMPORTANT AT ALL.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NEITHER IMPORTANT/UNIMPORTANT
<4> NOT VERY IMPORTANT <5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng5d<

Decreasing the reliance on fossil fuels?

[bold]IWER: "Fossil fuels are fuels such as oil, coal, and natural gas[n]

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

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NEITHER IMPORTANT/UNIMPORTANT...3
NOT VERY IMPORTANT.....4
NOT IMPORTANT AT ALL.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NEITHER IMPORTANT/UNIMPORTANT
<4> NOT VERY IMPORTANT <5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng5e<

Decreasing the reliance on foreign oil imports?

(Would you say very important, somewhat important, not very important or not important at all?)

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NEITHER IMPORTANT/UNIMPORTANT...3
NOT VERY IMPORTANT.....4
NOT IMPORTANT AT ALL.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NEITHER IMPORTANT/UNIMPORTANT
<4> NOT VERY IMPORTANT <5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng5f<

Creating jobs?

[bold]IWER: "The creation of jobs in general in all fields."[n]

(Would you say very important, somewhat important, not very important or not important at all?)

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....2
NEITHER IMPORTANT/UNIMPORTANT...3
NOT VERY IMPORTANT.....4
NOT IMPORTANT AT ALL.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NEITHER IMPORTANT/UNIMPORTANT
<4> NOT VERY IMPORTANT <5> NOT IMPORTANT AT ALL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>msueng6<

In the last year, has your household taken any steps to reduce its energy use or to become more energy efficient?

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

DO NOT KNOW....8
REFUSED9

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

>msueng7<

What steps has your household taken to reduce its energy use or become more energy efficient in the last year?

1st MENTION: @a 2nd Mention: @b
MORE EFFICIENT LIGHTING/CONSERVE LIGHTS
(compact fluorescents, LEDs, etc.turn off....1 INSULATION.....10
MORE EFFICIENT APPLIANCES(energy star).....2 DRIVE LESS.....11
MORE EFFICIENT HEATING/COOLING SYSTEMS.....3 HYBRID CAR.....12
TURN DOWN HEATING AND COOLING/HOT WATER, ETC...4 SOLAR POWER/PANEL.13
WEATHER STRIPPING/CAULKING/ROOFIING/PLASTC.....5 WIND POWER.....14
NEW WINDOW AND DOORS.....6
PROGRAMMABLE THERMOSTAT.....7 OTHER: SPECIFY...0
FUEL EFFICIENT CAR.....8 NO MORE MENTION..90

WOOD/CORN/FIRE PLACE BURNER.....9 DO NOT KNOW.....98
RECYCLING/GOING "GREEN".....15 REFUSED.....99
[@a] <1-17> 0 OTHER: SPECIFY[#specify]
<90> NO MORE MENTION[goto msuenga]
<98> DO NOT KNOW [missing][goto msuenga] <99> REFUSED [missing][goto msuenga]

[@b] <1-17> 0 OTHER: SPECIFY[#specify]
<90> NO MORE MENTION[goto msuenga]
<98> DO NOT KNOW [missing][goto msuenga] <99> REFUSED [missing][goto msuenga]

>msuenga< [if random3 eq <1> goto msueng8a]
[if random3 eq <2> goto msueng8b]
[if random3 eq <3> goto msueng8c]
[if random3 eq <4> goto msueng8d]
[if random3 eq <5> goto msueng8e]

>msueng8a<

Would you be willing to spend \$1,000 for an energy saving purchase,
such as attic insulation or new windows or doors, if it would save
you \$5.00 a month or \$60.00 per year on your energy bill?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto ms1]

>msueng8b<

Would you be willing to spend \$1,000 for an energy saving purchase,
such as attic insulation or new windows or doors, if it would save
you \$10.00 a month or \$120.00 per year on your energy bill?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto ms1]

>msueng8c<

Would you be willing to spend \$1,000 for an energy saving purchase,
such as attic insulation or new windows or doors, if it would save
you \$15.00 a month or \$180.00 per year on your energy bill?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto ms1]

>msueng8d<

Would you be willing to spend \$1,000 for an energy saving purchase,
such as attic insulation or new windows or doors, if it would save
you \$20.00 a month or \$240.00 per year on your energy bill?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto ms1]

>msueng8e<

Would you be willing to spend \$1,000 for an energy saving purchase, such as attic insulation or new windows or doors, if it would save you \$25.00 a month or \$300.00 per year on your energy bill?

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

DO NOT KNOW....8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED[missing]
[default goto ms1]

>ms1< [loc 20/1][settime housingstart]

Next, I have some questions about housing values in Michigan.

Do you live in a single family home, a duplex, a condominium, a modular or mobile home, an apartment or townhouse, or something else?

SINGLE FAMLY HOME.....1 @
(include: tri-level, bi level, farm house, ranch, etc)
DUPLEX.....2
(two family home, etc)
CONDOMINIUM.....3
MODULAR OR MOBILE HOME.....4
(manufactured home)
APARTMENT OR TOWNHOUSE.....5
SOMETHING ELSE (specify).....0

DO NOT KNOW.....8
REFUSED9

[@] <1> SINGLE FAMILY HOME <2> DUPLEX <3> CONDOMINIUM <4> MODULAR OR MOBILE HOME
<5> APARTMENT OR TOWNHOUSE 0 SOMETHING ELSE [#specify]
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>hometype< [allow 20]

[if ms1 eq <1>][store <house> in hometype][endif]
[if ms1 eq <2>][store <duplex> in hometype][endif]
[if ms1 eq <3>][store <condominum> in hometype][endif]
[if ms1 eq <4>][store <modular/mobile home> in hometype][endif]
[if ms1 eq <5>][store <apartment/townhouse> in hometype][endif]
[if ms1 eq <0>][store <home> in hometype][endif]

>ms1a< [if ms1 ne <4> goto ms2]

Do you live in a mobile home park?

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

DO NOT KNOW..8
REFUSED9

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

>ms2<

Is your [fill hometype] owned by you or someone in your household with a mortgage (home loan), owned by you or someone in your household [bold]without[n] a mortgage or loan, rented by you or someone in your household, or occupied without payment of cash rent?

OWNED WITH A MORTGAGE.....1 @
(buying it, land contract, etc)
OWNED WITHOUT A MORTGAGE.....2
RENTED3
(any mention of rent)
OCCUPIED WITHOUT PAYMENT.....4
(church home, etc)
OTHER: SOMETHING ELSE.....0

DO NOT KNOW.....8
REFUSED9

[@] <1> OWNED WITH A MORTGAGE <2> OWNED WITHOUT A MORTGAGE <3> RENTED FOR CASH RENT
<4> OCCUPIED WITHOUT PAYMENT 0 OTHER : SPECIFY [#specify]
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>ms3<

How many years have you lived at your current residence?

LESS THAN 1 YEAR.....0 @
1 - 70 YEARS1 - 70

DO NOT KNOW.....98
REFUSED99

[@] <0> LESS THAN 1 YEAR <1-70> YEARS
<98> DO NOT KNOW[missing] <99> REFUSED

>ms4< [if ms2 ge <3> goto mb1]

What is the value of this property, that is, how much do you think your [fill hometype] and lot would sell for if it were for sale?

[bold]IWER: DO NOT ENTER COMMNAS (,) THEY WILL FILL IN AUTOMATICALLY[n]

DOLLAR AMOUNT : \$0 - \$10,000,000 @

ENTER '8' FOR DO NOT KNOW
ENTER '9' FOR REFUSED

[@]<0-10000000> [input format enter left commas]

>verify< [if ms4 le <9> goto ms5]

I just want to verify that the value of your home is \$ [fill ms4:,].

Is this correct?

YES, CORRECT1 @
NO, INCORRECT, GO BACK.....5

[@] <1> YES, CORRECT
<5> NO, INCORRECT, GO BACK

>lms< [if verify eq <1> goto ms5]
[store <> in ms4][store <> in verify][if verify eq <5> goto ms4]

>ms5<

What are the annual real estate taxes on this property?

[bold]IWER: DO NOT ENTER COMMNAS (,) THEY WILL FILL IN AUTOMATICALLY[n]

DOLLAR AMOUNT : \$0 - \$50,000 @

ENTER '8' FOR DO NOT KNOW
ENTER '9' FOR REFUSED

[@]<0-50000> [input format enter left commas]

>verify1< [if ms5 le <9> goto mb1]

I just want to verify that the taxes on your property are \$ [fill ms5:],
a year?

Is this correct?

YES, CORRECT1 @
NO, INCORRECT, GO BACK.....5

[@] <1> YES, CORRECT
<5> NO, INCORRECT, GO BACK

>2ms< [if verify1 eq <1> goto mb1]
[store <> in ms5][store <> in verify1][if verify1 eq <5> goto ms5]

>mb1< [settime housingstop]

Next, I have a few questions about incomes in Michigan.

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

INCREASED1 @
STAYED ABOUT THE SAME...2
DECREASED.....3

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

[@] <1> INCREASED <2> STAYED ABOUT THE SAME <3> DECREASED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mb1b<

(Since about 1980), do you think the income gap between [bold]high income[n]
people and [bold]middle income[n] people in Michigan has increased,
stayed about the same, or decreased?

INCREASED1 @
STAYED ABOUT THE SAME...2
DECREASED.....3

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

[@] <1> INCREASED <2> STAYED ABOUT THE SAME <3> DECREASED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mb1c<

(Since about 1980), do you think the income gap between [bold]middle income[n]
people and [bold]low income[n] people in Michigan has increased,
stayed about the same, or decreased?

INCREASED1 @
STAYED ABOUT THE SAME...2
DECREASED.....3

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

[@] <1> INCREASED <2> STAYED ABOUT THE SAME <3> DECREASED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mb3<

Since about 1980, do you think the standard of living for people
[bold]like you[n] in Michigan has become better, stayed about the same,
or become worse?

BECOME BETTER.....1 @
STAYED THE SAME.....2
BECOME WORSE.....3

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

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

>mb4<

Each year, Michigan residents, regardless of their incomes, pay a variety
of state and local taxes, such as income taxes, sales taxes, and property
taxes.

Since about 1990, do you think the percentage of all Michigan tax dollars
collected from [bold]low-income[n] people has increased, stayed about
the same, or decreased?

INCREASED1 @
STAYED ABOUT THE SAME...2
DECREASED.....3

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

[@] <1> INCREASED <2> STAYED ABOUT THE SAME <3> DECREASED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mb5<

Since about 1990, do you think the percentage of all Michigan tax dollars
collected from [bold]high-income[n] people has increased, stayed about
the same, or decreased?

INCREASED1 @
STAYED ABOUT THE SAME...2
DECREASED.....3

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

[@] <1> INCREASED <2> STAYED ABOUT THE SAME <3> DECREASED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mb6<

Regardless of your income, the state of Michigan currently takes a little over four cents of each dollar you make for state income tax. Some states take more from each dollar depending on a person's income. Either tax system could raise the same amount of money.

Would you favor or oppose changing from Michigan's current income tax system to a system where how much the state takes per dollar depends on how much you make?

FAVOR.....1 @
NEITHER/NEUTRAL.....2
OPPOSE3
OTHER: SPECIFY.....0
DO NOT KNOW.....8
REFUSED.....9

[@] <1> FAVOR <2> NEITHER/NEUTRAL <3> OPPOSE <0> OTHER: SPECIFY[#specify]
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>it1< [settime istart]

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

Do you have a computer in your [bold]home[n]?

YES.....1 @
NO.....5
DO NOT KNOW.....8
REFUSED9

[@] <1> YES[goto it2a] <5> NO
<8> DO NOT KNOW[missing] [goto it2a] <9> REFUSED[missing] [goto it2a]

>it2<

What is the [bold]main[n] reason that you do not have a computer in your home?

NOT WORTH THE HASSLE, TIME TO HAVE ONE1 @
TOO COMPLICATED.....2
TOO EXPENSIVE/CAN'T AFFORD/LIMITED INCOME....3
HAVE ONE AT WORK, FRIENDS, FAMILY HAVE ONE...4
NO INTEREST IN COMPUTERS/NO NEED/TOO OLD.....5
DON'T WANT CHILDREN/TEENS USING COMPUTER.....6
MISCELLANEOUS.....7
DO NOT KNOW.....8
REFUSED.....9

[@]<1> NOT WORTH THE HASSLE, TIME TO HAVE ONE <2> TOO COMPLICATED
<3> TOO EXPENSIVE <4> HAVE ONE AT WORK, FRIENDS, FAMILY HAVE ONE
0 OTHER: SPECIFY [#specify] <5> NO INTEREST IN COMPUTERS/NO NEED/TOO OLD
<6> DON'T WANT CHILDREN/TEENS USINIG COMPUTER <7> MISCELLANEOUS
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>it2a<

Do you use the Internet?

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

DO NOT KNOW.....8
REFUSED9
[@] <1> YES <5> NO, DO NOT ACCESS THE INTERNET[goto it6a]
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>it2b<

Do you access the Internet at home, at your workplace, or both?

HOME.....1 @
WORKPLACE.....2
BOTH.....3
NEITHER.....4

DO NOT KNOW...8
REFUSED.....9
[@] <1> HOME <2> WORKPLACE <3> BOTH <4> NEITHER
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>it2c<

Have you ever accessed the Internet at a public location such as a library, school, college, or university, a church, mall, or community center?

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

DO NOT KNOW.....8
REFUSED9
[@] <1> YES <5> NO, DO NOT ACCESS THE INTERNET
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>it3< [if it2b eq <2> or it2b ge <4> goto it4]

Do you access the Internet at [bold]home[n] through a traditional telephone modem (dial-up), through a high-speed service such as DSL, or a cable modem?

DIAL-UP/MODEM.....1 @
DSL LINE.....2
CABLE MODEM/CABLE COMPANY.....3
OTHER HIGH SPEED: T-1, ISDN
SATELLITE.....4
WIRELESS.....5

DON'T ACCESS INTERNET FROM HOME..6

OTHER: SPECIFY.....0

DO NOT KNOW.....98
REFUSED99

[@] <1> DIAL-UP/MODEM <2> DSL LINE <3> CABLE MODEM 0 OTHER:SPECIFY[#specify]
<4> OTHER HIGH SPEED: T-1, ISDN, SATELLITE <5> WIRELESS <6> DON'T ACCESS FROM HOME
<7> DO NOT ACCESS INTERNET AT ALL
<98> DO NOT KNOW[missing] <99> REFUSED[missing]
[default goto it5]

>it4<

What is the [bold]main reason[n] that you do not access the Internet from home?

LACK OF ACCESS/NO COMPUTER/NO INTERNET PROVIDER.....1 @
NOT WORTH THE TIME/HASSLE.....2
SECURITY CONCERNS/SPAM.....3
TOO COMPLICATED.....4
TOO EXPENSIVE/COST.....5

ACCESS INTERNET ELSEWHERE.....6
 DON'T WANT CHILDREN/TEENS ON
 INTERNET/COMPUTERS.....7
 MISCELLANEOUS.....90

DO NOT KNOW.....98
 REFUSED99

[@] <1> LACK OF ACCESS <2> NOT WORTH THE TIME/HASSLE <3> SECURITY
 CONCERNS
 <4> TOO COMPLICATED <5> TOO EXPENSIVE <6> ACCESS INTERNET ELSEWHERE
 0 SPECIFY [#specify] <90> MISCELLANEOUS
 <98> DO NOT KNOW[missing] <99> REFUSED[missing]

>it5<

When accessing the Internet, do you [bold]most often[n] use a
 personal desktop computer, a laptop, a PDA such as a Blackberry or Pocket
 PC, a cell phone, or something else?

PERSONAL DESK TOP COMPUTER.....1 @
 LAPTOP.....2
 PDA (handheld computer, Blackberry).3
 CELL PHONE.....4
 ALL: COMBINATION.....5

OTHER: SPECIFY.....0

DO NOT KNOW.....98
 REFUSED99

[@]<1> PERSONAL DESK TOP COMPUTER <2> LAPTOP <3> PDA <4> CELL PHONE
 0 OTHER: SPECIFY[#specify] <5>
 <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>it6a<

Next I have some questions about accessing government services via the
 Internet.

[if it2a eq <1>]
 Which, if any, of the following levels of government have you
 accessed via the Internet?
 [endif]
 [if it2a ge <5>]
 If you were to use the Internet, which of the following levels of
 government, if any, [bold]would you[n] access via the Internet?
 [endif]

State of Michigan?

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

DO NOT KNOW...8
 REFUSED9

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

>it6b<

County government?

[if it2a eq <1>]
 (Have you accessed this level of government via the Internet)?
 [endif]
 [if it2a ge <5>]

(If you were to use the Internet, would you access this level of government via the Internet?)
[endif]

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

DO NOT KNOW...8
REFUSED9

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

>it6c<

Township, city, or local government?

[if it2a eq <1>]
(Have you accessed this level of government via the Internet?)
[endif]
[if it2a ge <5>]
(If you were to use the Internet, would you access this level of government via the Internet?)
[endif]

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

DO NOT KNOW...8
REFUSED9

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

>it6count< [allow 1][#preset <0>][copy it6count in it6count]
[#if it6a eq <1>][#add <1> to it6count][#endif]
[#if it6b eq <1>][#add <1> to it6count][#endif]
[#if it6c eq <1>][#add <1> to it6count][#endif]

>it7<[if it6count le <1> goto it8a]

[if it2a eq <1>]
Which level of government do you access most often?
[endif]
[if it2a ge <5>]
Which level of government do you think you would access most often?
[endif]

State government, county government, township government, or city or local government?

STATE OF MICHIGAN.....1 @
COUNTY GOVERNMENT.....2
TOWNSHIP GOVERNMENT.....3
CITY OR LOCAL GOVERNMENT.....4
ALL EQUALLY.....5
FEDERAL GOVERNMENT.....6
OTHER GOVERNMENT.....0

DO NOT KNOW.....8
REFUSED9

[@] <1> STATE OF MICHIGAN <2> COUNTY GOVERNMENT <3> TOWNSHIP GOVERNMENT
<4> CITY OR LOCAL GOVERNMENT <5> ALL EQUALLY <6>
0 OTHER: SPECIFY [#specify]
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>it8a< [if it2a ge <5> goto it8aa]

There are over 200 state government services now available online through Michigan.gov.

In the past 12 months, have you used any of the services that are available on the state of Michigan website such as renewing a license plate tab, purchasing or renewing a hunting or fishing license, or registering a business?

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

DO NOT KNOW...8
REFUSED9

[@] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto it9a]

>it8aa<

There are over 200 state government services now available online through Michigan.gov.

If you were to access the Internet, how likely would you be to use a government service on-line such as renewing a license plate tab, purchasing or renewing a hunting or fishing license, registering a business or some other service?

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

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

>it9a<

[if it2a eq <1>]

In the past 12 months, how often have you used a government web site?

[endif]

[if it2a ge <5>]

If you accessed the Internet, how often do you think you would use a government web site?

[endif]

Would you say daily, about once a week, at least once a month, a couple of times a year, or once a year?

DAILY.....1 @
ONCE A WEEK.....2
AT LEAST ONCE MONTH.....3
COUPLE TIMES A YEAR.....4
ONCE A YEAR.....5

NEVER.....7

DO NOT KNOW...8

REFUSED9

[@] <1> DAILY <2> ONCE A WEEK <3> AT LEAST ONCE A MONTH <4> A COUPLE OF TIMES A YEAR
<5> ONCE A YEAR <7> NEVER
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>it10a<

How likely would you be to contact or interact with a government office using . . .

Email?

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

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

>it10b<

A Blog?

[bold]IWER: "A blog is a website that provides commentary or news on a particular subject." [n]

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

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]

>it10c<

A live chat room or instant messaging?

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

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]

>it10d<

A toll-free number?

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

- 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]

>it11<

If you needed assistance with a particular government service, would you be most comfortable getting help in person, by telephone, by email, through using instant messaging?

- IN PERSON.....1 @
- BY TELEPHONE.....2
- BY EMAIL.....3
- INSTANT MESSAGING.....4

- OTHER: SPECIFY....0

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

[@] <1> IN PERSON <2> BY TELEPHONE <3> BY EMAIL <4> INSTANT MESSAGING <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>UR1a< [settime istop][if IDAT ge <02112008>][if random2 eq <1>][goto UR1b][endif all] [if IDAT le <02102008>][if random3 eq <2>][goto UR1b][endif all]

The next set of questions focuses on Michigan cities and land redevelopment.

When you think about the state of Michigan as a whole, how important is the well-being of Michigan's cities to the overall well-being of the state?

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

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

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

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT <4> NOT IMPORTANT AT ALL <8>[missing] DON'T KNOW <9>[missing] REFUSED [default goto HUS1b]

>UR1b<

The next set of questions focuses on Michigan cities.

When you think about the state of Michigan as a whole, how important is the well-being of the [bold]City of Detroit[n] to the overall well-being of the state?

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

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

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

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>HUS1b<

How important do you think is it to re-develop deteriorated or underused areas in old inner or central cities in Michigan?

(Would you say very important, somewhat important, not very important, or not at all important?)

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

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

[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>HUS1a<

Some people say that re-developing deteriorated or underused areas in old inner or central cities would help to reduce urban sprawl.

Do you think this would greatly reduce urban sprawl, somewhat reduce urban sprawl, or have no effect on urban sprawl?

GREATLY REDUCE URBAN SPRAWL....1 @
SOMEWHAT REDUCE URBAN SPRAWL...2
NO EFFECT ON URBAN SPRAWL.....3

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

[@] <1> GREATLY REDUCE URBAN SPRAWL <2> SOMEWHAT REDUCE URBAN SPRAWL
<3> NO EFFECT ON URBAN SPRAWL
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>UD1a<

Next I am going to read some statements about different ways to increase re-development in under-used or deteriorated old inner cities in Michigan.

Please tell me to what extent you would favor or oppose each.

First, giving tax breaks to businesses that locate or grow in deteriorated or underused areas of central cities?

Would you say you strongly favor, somewhat favor, somewhat oppose or strongly oppose?

STRONGLY FAVOR.....1 @
SOMEWHAT FAVOR.....2
NEITHER (R VOLUNTEERS). . . . 3
SOMEWHAT OPPOSE.....4
STRONGLY OPPOSE.....5

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

[@] <1> STRONGLY FAVOR <2> SOMEHWAT FAVOR <3> NEITHER FAVOR/OPPOSE
<4> SOMEWHAT OPPOSE <5> STRONGLY OPPOSE
<8>[missing] DON'T KNOW[missing] <9>REFUSED[missing]

>UD1c<

Having the state provide low-interest government loans to businesses that locate or grow in old central cities?

(Would you say you strongly favor, somewhat favor, somewhat oppose or strongly oppose this)?

STRONGLY FAVOR.....1 @
SOMEWHAT FAVOR.....2
NEITHER (R VOLUNTEERS). . . . 3
SOMEWHAT OPPOSE.....4
STRONGLY OPPOSE.....5

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

[@] <1> STRONGLY FAVOR <2> SOMEHWAT FAVOR <3> NEITHER FAVOR/OPPOSE
<4> SOMEWHAT OPPOSE <5> STRONGLY OPPOSE
<8>[missing] DON'T KNOW[missing] <9>[missing]REFUSED[missing]

>E2<

When re-developing industrial or toxic waste sites, this property [bold]cannot be used[n] until the pollution is cleaned up.

Should the corporations or individuals responsible for the pollution be required to pay for the clean-up even if the activities they engaged in were perfectly legal at the time?

YES 1 @
NO. 5

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

[@] <1> YES <5> NO <8>[missing] DON'T KNOW
<9>[missing] REFUSED

>E3<

If it is not known who caused the pollution or if the original polluters are no longer in business, should the government pay for clean up [bold]or[n] should the properties remain unused?

GOVERNMENT SHOULD PAY 1 @
PROPERTY SHOULD REMAIN UNUSED . . 5

DO NOT KNOW.....8

REFUSED.....9

[@] <1> GOVERNMENT SHOULD PAY <5> PROPERTY SHOULD REMAIN UNUSED
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>E4<

Do you think that polluted sites that are going to have [bold]industrial[n]
development on them need to be cleaned up as thoroughly as sites that are
targeted for future [bold]housing[n] developments?

YES 1 @
NO. 5

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

[@] <1> YES <5> NO <8>[missing] DON'T KNOW
<9>[missing] REFUSED

>E5<

Should state and local governments pay some of the costs of cleaning
polluted sites so that the properties can be used for new
developments?

YES 1 @
NO. 5

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

[@] <1> YES <5> NO <8>[missing] DON'T KNOW
<9>[missing] REFUSED

>E11<

In 1998, Michigan voters approved a bond issue which included 350
million dollars to clean-up contaminated sites across the state.

When the State uses these funds, what should be the more important
factor in choosing sites - the [bold]contamination level[n] or
the [bold]economic redevelopment potential[n]?

CONTAMINATION LEVEL 1
REDEVELOPMENT POTENTIAL 2
BOTH EQUAL (R VOLUNTEERS) 3

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

[@] <1> CONTAMINATION LEVEL <2> REDEVELOPMENT POTENTIAL
<3> CONTAMINATION AND REDEVELOPMENT EQUALLY <8>[missing] DON'T KNOW
<9>[missing] REFUSED

>CD1<

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

[@] <00-90> 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 SCHOOL0
GRADE.....1-11
HIGH SCHOOL GRADUATE OR GED HOLDER.....12
COLLEGE (ONE TO THREE YEARS).....13-15
COLLEGE GRADUATE (FOUR YEARS)16
SOME POST GRADUATE17
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 @
 CATHOLIC; ROMAN CATHOLIC, ORTHODOX.....1
 ISLAMIC/MUSLIM.....2
 JEWISH.....3
 PROTESTANT.....4
 (Baptist, Methodist, Christian reformed, Lutheran, Presbyterian
 Wesleyan, Episcopalian, "Christian"
 OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5
 (Taoists, witches, etc)
 OTHER CHRISTIAN.....7
 (Mormon, LDS, 7th Day Adventist, Jehovah Witness)
 OTHER: UNABLE TO CLASSIFY.....90
 DON'T KNOW.....98
 REFUSED.....99

[@]<0> NONE <1> CATHOLIC <2> ISLAMIC/MUSLIM <3> JEWISH <4> PROTESTANT
 <5> OTHER NON CHRISTIAN <7> OTHER CHRISTIAN 6 [#specify] <90> OTHER: UNABLE TO
 CLASSIFY
 <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 @
- 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
- UNEMPLOYED, LAID OFF, LOOK FOR WORK.....6
- RETIRED.....7
- SCHOOL FULL TIME.....8
- HOMEMAKER.....9
- DISABLED.....10
- 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]

>ms7< [if CD15 ge <6> goto UN2][define <d><998>][define <r><999>]

How long, in [bold]minutes[n], did it usually take you to get from your home address to work [bold]last week[n]?

- NUMBER OF MINUTES.....0 - 120 @
- DO NOT KNOW.....d
- REFUSEDr

[@] <0-120> MINUTES <d> DO NOT KNOW[missing] <r> REFUSED [missing]

>UN1<

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 2007?

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
[if ince eq <5>][store <4> in income][endif] $30,000-39,999
[if incf eq <1>][store <6> in income][endif] $40,000-49,999
[if incf eq <5>][store <5> in income][endif] $50,000-59,999
[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 **different** 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 ms6][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]

>ms6< [loc 22/1][allow 30][if ms6 eq <>][store city in ms6][endif]

In which village, city or township do you reside?

@

[bold]IWER: SPELLING COUNTS! ENTER THE NAME OF THE CITY, VILLAGE, TOWNSHIP EXACTLY AS THE R STATES, WITHOUT ///. IF R REFUSES PLEASE ENTER 'Refused'.

EXAMPLES: East Lansing, DeWitt, Detroit, Eastpointe, Grand Rapids[n]

[@]

>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 OUT3
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<

[subtime termstart from termstop into term]
[subtime housingstart from housingstop into housing]
[subtime istart from istop into internet]
[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 47".

DATA LIST fixed records=5

FILE='q:\msusos47\productn\rdd\c-inst\rdd47.dat'

```
/1      CASEID 1-5          ID1 1-5 (A)          R1 6 (A)
      cnty 7-11 (A)        regn 12          newreg5 13 (A)
      random1 14 (A)      random2 15 (A)  random3 16 (A)
      random4 17 (A)      listed 18       CC1 19
      CC2 20              CC3 21          CC4 22
      CC5 23              CC6 24          A1 25-26
      PO1 27              PO2 28          P4a@a 29-30
      P4a@b 31-32         cfm1 33-34     cfm2 35
      cfm3 36             cfm4 37        D10 38
      D11 39              D12 40         w1 41
      eth1 42             eth7 43         msueng1 44
      msueng2 45-46      msueng3 47     msueng4a 48
      msueng4b 49        msueng4c 50    msueng4d 51
      msueng5a 52        msueng5b 53    msueng5c 54
      msueng5d 55        msueng5e 56    msueng5f 57
      msueng6 58         msueng7a 59-60 msueng7b 61-62
      msueng8a 63        msueng8b 64    msueng8c 65
      msueng8d 66        msueng8e 67

/2      ms1 1              ms1a 22         ms2 23
      ms3 24-25          ms4 26-33      ms5 35-39
      mb1 41             mb1b 42        mb1c 43
      mb3 44             mb4 45         mb5 46
      mb6 47             it1 48         it2 49
      it2a 50            it2b 51        it2c 52
      it3 53-54         it4 55-56      it5 57-58
      it6a 59            it6b 60        it6c 61
      it7 63             it8a 64        it8aa 65
      it9a 66            it10a 67       it10b 68
      it10c 69           it10d 70       it11 71
      UR1a 72            UR1b 73        HUS1b 74
      HUS1a 75           UD1a 76        UD1c 77
      E2 78              E3 79          E4 80

/3      E5 1              E11 2          CD1 3
      CD2 4-5            CD3 6-7        CD5a 8
      CD4a@a 9           CD4a@b 10      CD4a@c 11
      CD4a@d 12          CD4a@e 13      CD4a@f 14
      CD6 15-16          CD7@a 17       CD7@b 18
      CD7@c 19           CD7@d 20       partyid 21
      P17@a 22           P17@b 23       P17@c 24
      P17@d 25           ideology 26     CD8 27
      CD10 28-29         CD11 30        CD15 31-32
      ms7 33-35          UN1 36         UN2 37
      UN3 38             inca 39        incb 40
      incc 41            incd 42        ince 43
      incf 44            incg 45        income 46
      CD26 47           X1 48-49       zipcode 50-54

/4      ms6 1-30 (A)      RI 31

/5      contacts 14-15 (A) length 16-19 (A)  idate 20-27 (A)
      iwer 28-30 (A)     males 31-32 (A) females 33-34 (A)
```

VARIABLE LABELS

```
CASEID 'case identification number' /
ID1 'Case ID Numver' /
R1 'Data Record I' /
cnty 'County Code' /
regn 'Region Code' /
newreg5 'New MSUE Region' /
random1 'Random Digit 1-4' /
random2 'Random Digit 1-2' /
random3 'Random Digit 1-5' /
random4 'Random Digit 1-3' /
```

listed 'Sample Type' /
 CC1 'Past Financial' /
 CC2 'Future Financial' /
 CC3 'Current Financial' /
 CC4 'Inflation Rate' /
 CC5 'Unemployment Situation' /
 CC6 'Business Conditions' /
 A1 'Most Important Problem' /
 PO1 'Bush Rating' /
 PO2 'Granholm Rating' /
 P4a@a 'Issues Legislature - 1st Mention' /
 P4a@b 'Issues Legislature - 2nd Mention' /
 cfm1 'Cooperation Democrats/Republicans' /
 cfm2 'Compromise Parties' /
 cfm3 'Democrats/Republicans Working Together' /
 cfm4 'Michigan Voters Party Lines' /
 D10 'Trust Federal Government' /
 D11 'Trust State Government' /
 D12 'Trust Local Government' /
 w1 'Term Limits Approval' /
 eth1 'Legislators Ethical' /
 eth7 'More/Less Ethical Term Limits' /
 msueng1 'Energy Direction' /
 msueng2 'Reason Right/Wrong Direction' /
 msueng3 'Laws Renewable Energy' /
 msueng4a 'Favor Laws Increase \$5.00' /
 msueng4b 'Favor Laws Increase \$10.00' /
 msueng4c 'Favor Laws Increase \$20.00' /
 msueng4d 'Favor Laws Increase \$25.00' /
 msueng5a 'Importance: Global Warming' /
 msueng5b 'Importance: Environmental Concerns' /
 msueng5c 'Importance: Reducing Energy Costs' /
 msueng5d 'Importance: Decreasing Reliance Fossil Fuels' /
 msueng5e 'Importance: Decreasing Reliance Foreign Oil' /
 msueng5f 'Importance: Creating Jobs' /
 msueng6 'HH Reduce Energy Use' /
 msueng7a 'Steps - 1st Mention' /
 msueng7b 'Steps: 2nd Mention' /
 msueng8a 'Spend \$1,000 Save \$60.00' /
 msueng8b 'Spend \$1,000 Save \$120.00' /
 msueng8c 'Spend \$1,000 Save \$180.00' /
 msueng8d 'Spend \$1,000 Save \$240.00' /
 msueng8e 'Spend \$1,000 Save \$300.00' /
 ms1 'Type Home' /
 ms1a 'Mobile Home Park' /
 ms2 'Home Ownership' /
 ms3 'Years Current Residence' /
 ms4 'Property Value' /
 ms5 'Annual Property Taxes' /
 mb1 'Income Gap High/Low' /
 mb1b 'Income Gap High/Middle' /
 mb1c 'Income Gap Middle/Low' /
 mb3 'Standard of Living' /
 mb4 'Percentage Tax Low-Income' /
 mb5 'Percentage Tax High Income' /
 mb6 'Alternative State Income Tax' /
 it1 'Own Computer' /
 it2 'Reason No Computer' /
 it2a 'Use Internet' /
 it2b 'Where Access Internet' /
 it2c 'Access Public Location' /
 it3 'Type of Access' /
 it4 'Reason No Access Home' /
 it5 'Access Type Computer' /
 it6a 'Access State Government' /
 it6b 'Access County Government' /
 it6c 'Access Local Government' /
 it7 'Level Access Most' /
 it8a 'Used Michigan.gov' /
 it8aa 'Like Use Michigan.gov' /

it9a 'Frequency Use Gov Website' /
it10a 'Likely Use Email' /
it10b 'Likely Use Blog' /
it10c 'Likely Use Instant Messaging' /
it10d 'Likely Use Toll-Free Number' /
it11 'Assistance Source Government Service' /
UR1a 'Well-Being Cities' /
UR1b 'well-Being Detroit' /
HUS1b 'Re-develop Deteriorated/Underused Sites' /
HUS1a 'Redeveloping Sites Urban Sprawl' /
UD1a 'Tax Breaks' /
UD1c 'Low-interest Government Loans' /
E2 'Re-developing Industrial/Toxic Waste Sites' /
E3 'Pay Clean-Up' /
E4 'Extent of Clean-Up' /
E5 'Governments Pay Clean Up' /
E11 'Choosing Sites - Contamination/Redevelopment' /
CD1 'Sex' /
CD2 'Year Birth' /
CD3 'Education Level' /
CD5a 'Ethnicity' /
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' /
ms7 'Comute' /
UN1 'Union Member' /
UN2 'Past Union Member' /
UN3 'Union Family' /
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 'Zip Code' /
ms6 'Village/City/Township' /
RI 'Recontact' /
contacts 'Number Contacts' /
length 'Interview Length' /
idate 'Interview Date' /
iwer 'Interviewer' /
males 'Males' /
females 'Females' /
.

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' 3 'WORSE THAN' 5 'ABOUT THE SAME'
 8 'DO NOT KNOW' 9 'REFUSED' /
 CC6 1 'GOOD TIMES' 3 'BAD TIMES' 5 'NEITHER' 8 'DO NOT KNOW'
 9 'REFUSED' /
 A1 1 'SCHOOL FINANCE/EDUCATION FUNDING'
 2 'EDUCATION QUALITY/IMPROVE EDUCATION' 9 'EDUCATION:GENERAL'
 10 'MEDICAL CARE/HEALTH CARE: GENERAL'
 11 'ELDERLY/MEDICAL CARE ELDERLY: MEDICARE'
 12 'RACISM/EQUAL OPPORTUNITIES' 13 'POVERTY/POOR'
 14 'HOMELESSNESS' 15 'HOUSING/LACK AFFORDABLE HOUSING'
 16 'WELFARE REFORM/CUT WELFARE'
 17 'WELFARE EXPANSION/MORE PROGRAMS' 20 'UNEMPLOYMENT/JOBS'
 21 'DEVELOPMENT/GROWTH/ECONOMY/LOSS BUSINESS'
 22 'OVER EXPANSION/TOO MUCH GROWTH' 23 'FARMING/DECLINE FARMING'
 24 'COST OF GOODS/INFLATION' 25 'FAMILY INCOME/FINANCES'
 26 'PROPERTY VALUES/FORECLOSURES'
 30 'TAXES: LOCAL/CITY/PROPERTY' 31 'LEADERSHIP/CITY LEADERS'
 32 'CORRUPTION: LOCAL LEVEL' 33 'TOO MUCH GOVERNMENT'
 34 'COURTS/JUDICIAL REFORM' 35 'TAXES: STATE/FEDERAL'
 36 'LEADERSHIP: STATE/FEDERAL GOVERNMENT'
 37 'CORRUPTION: STATE/FEDERAL LEVEL' 40 'THEFT'
 41 'SAFETY/STREET VIOLENCE' 42 'GUN CONTROL'
 43 'DRUGS/DRUG DEALERS' 44 'CRIME: GENERAL'
 50 'GANGS/TEEN VIOLENCE'
 51 'LACK ACTIVITIES YOUTH/YOUTH OUTREACH' 52 'TEENAGE PREGNANCY'
 53 'YOUTH AND DRUGS' 54 'YOUTH DRINKING/ALCOHOL ABUSE'
 55 'PEER PRESSURE' 60 'DIVORCE/BROKEN HOMES/SINGLE PARENTS'
 61 'CHILD ABUSE/CHILD ENDANGERMENT'
 62 'DISCIPLINE/PARENTAL CONTROL' 63 'VALUES/MORALITY/RELIGION'
 64 'FAMILY ALCOHOLISM/DRUG ABUSE' 70 'POLLUTION'
 71 'JUNK/DIRTY CITY/BLIGHT' 72 'LANDFILLS' 73 'LAND USE'
 74 'POPULATION GROWTH' 75 'LACK RECYCLING'
 76 'WETLAND/NATURAL AREA PRESERVATION' 80 'WATER/SEWERS'
 81 'TRASH/GARBAGE COLLECTION' 82 'POLICE/MORE LAW ENFORCEMENT'
 83 'FIRE/MORE FIRE PROTECTION'
 84 'ROADS/ROAD REPAIR/STREET UPKEEP' 85 'TRANSPORTATION/BUSES'
 86 'ANIMAL CONTROL' 87 'TRAFFIC CONGESTION/TRAFFIC'
 90 'NO PROBLEMS' 91 'MISCELLANEOUS' 98 'DO NOT KNOW'
 99 'REFUSED' /
 PO1 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
 9 'REFUSED' /
 PO2 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P4a@a 1 'ECONOMY/BUSINESS/ENCOURAGE BUSINESS GROWTH'
 2 'JOBS/UNEMPLOYMENT/WORK/WAGES' 3 'HEALTH CARE'
 4 'CRIME/DRUGS/VIOLENCE' 5 'SCHOOL FUNDING/SCHOOL FINANCES'
 6 'POVERTY/HOMELESS/SOCIAL PROGRAMS' 7 'WELFARE REFORM'
 8 'TAXES/REDUCE TAXES' 9 'SENIORS/PRESCRIPTION DRUG COVERAGE'
 10 'REDUCE BUDGETS/SIZE GOVERNMENT'
 11 'MORAL ISSUES/ABORTION/FAMILY VALUES' 12 'FOREIGN POLICY'
 13 'ENVIRONMENT/GREEN ENERGY SOURCES'
 14 'ROADS/HIGHWAYS/BRIDGES REPAIR' 15 'ELECTION REFORM'
 16 'GUN CONTROL' 17 'JOB TRAINING/RETRAINING'
 18 'DIVERSITY/RACE RELATIONS' 19 'TEACHER TESTING'
 20 'REGULATION/DEREGULATION' 21 'EDUCATION QUALITY/STANDARDS'
 22 'REDUCE BUDGETS/REDUCE SIZE GOVERNMENT/RESTRICT GOVERNMENTS'
 23 'MICHIGAN'S BUDGET CRISIS/SOLVE BUDGET ISSUES'
 24 'PROPERTY VALUES/FORECLOSURES' 91 'MISCELLANEOUS'
 98 'DO NOT KNOW' 99 'REFUSED' /
 P4a@b 1 'ECONOMY/BUSINESS/ENCOURAGE BUSINESS GROWTH'
 2 'JOBS/UNEMPLOYMENT/WORK/WAGES' 3 'HEALTH CARE'

4 'CRIME/DRUGS/VIOLENCE' 5 'SCHOOL FUNDING/SCHOOL FINANCES'
 6 'POVERTY/HOMELESS/SOCIAL PROGRAMS' 7 'WELFARE REFORM'
 8 'TAXES/REDUCE TAXES' 9 'SENIORS/PRESCRIPTION DRUG COVERAGE'
 10 'REDUCE BUDGETS/SIZE GOVERNMENT'
 11 'MORAL ISSUES/ABORTION/FAMILY VALUES' 12 'FOREIGN POLICY'
 13 'ENVIRONMENT' 14 'ROADS/HIGHWAYS/BRIDGES REPAIR'
 15 'ELECTION REFORM' 16 'GUN CONTROL'
 17 'JOB TRAINING/RETRAINING' 18 'DIVERSITY/RACE RELATIONS'
 19 'TEACHER TESTING' 20 'REGULATION/DEREGULATION'
 21 'EDUCATION QUALITY/STANDARDS'
 22 'REDUCE BUDGETS/REDUCE SIZE GOVERNMENT/RESTRICT GOVERNMENTS'
 23 'MICHIGAN'S BUDGET CRISIS/SOLVE BUDGET ISSUES'
 24 'PROPERTY VALUES/FORECLOSURES' 90 'NO OTHERS'
 91 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /
 cfm1 1 'NOT IMPORTANT AT ALL' 10 'VERY IMPORTANT' 98 'DO NOT KNOW'
 99 'REFUSED' /
 cfm2 1 'BOTH PARTIES NEED TO COMPROMISE'
 2 'DEMOCRATS NEED TO COMPROMISE MORE'
 3 'REPUBLICANS NEED TO COMPROMISE MORE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 cfm3 1 'A LOT' 2 'QUITE A BIT' 3 'SOME' 4 'ONLY A LITTLE'
 5 'NOT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
 cfm4 1 'MORE ALONG PARTY LINES' 2 'LESS ALONG PARTY LINES'
 3 'VOTE AS ALWAYS HAVE' 8 'DO NOT KNOW' 9 'REFUSED' /
 D10 1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
 3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
 D11 1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
 3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
 D12 1 'NEARLY ALWAYS OR MOST OF THE TIME' 2 'SOME OF THE TIME'
 3 'SELDOM' 4 'ALMOST NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
 w1 1 'APPROVE' 5 'DISAPPROVE' 8 'DON'T KNOW' 9 'REFUSED' /
 eth1 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 eth7 1 'MORE ETHICAL' 2 'LESS ETHICAL' 3 'NO DIFFERENCE/SAME'
 8 'DON'T KNOW' 9 'REFUSED' /
 msueng1 1 'HEADING RIGHT DIRECTION' 5 'HEADING IN WRONG DIRECTION'
 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng2 1 'GAS PRICES TOO LOW' 2 'GAS PRICES TOO HIGH'
 3 'ENERGY PRICES TOO LOW' 4 'ENERGY PRICES TOO HIGH'
 5 'CLIMATE CHANGE/WARMING' 6 'ENVIRONMENTAL ISSUES'
 7 'ETHANOL GOOD' 8 'ETHANOL BAD'
 9 'RENEWABLE ENERGY/FOCUS ALTERNATIVE ENERGY: WIND,SOLAR,NUCLEAR'
 10 'TOO MUCH GOVERNMENT INTERFERENCE' 11 'WORLD IMAGE'
 12 'ENERGY SECURITY'
 13 'DEPENDENCE ON FOREIGN OIL/MORE DOMESTIC DRILLING'
 14 'PROFITS TOO HIGH OIL COMPANIES'
 16 'FOCUS ON ENERGY EFFICIENCY'
 17 'FOCUS ON CONSERVING ALL ENERGY SOURCES'
 18 'NO NATIONAL ENERGY PLAN/NEED NATIONAL ENERGY PLAN'
 90 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /
 msueng3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng4a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng4b 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng4c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng4d 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng5a 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
 3 'NEITHER IMPORTANT/UNIMPORTANT' 4 'NOT VERY IMPORTANT'
 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng5b 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
 3 'NEITHER IMPORTANT/UNIMPORTANT' 4 'NOT VERY IMPORTANT'
 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng5c 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
 3 'NEITHER IMPORTANT/UNIMPORTANT' 4 'NOT VERY IMPORTANT'
 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng5d 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
 3 'NEITHER IMPORTANT/UNIMPORTANT' 4 'NOT VERY IMPORTANT'
 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
 msueng5e 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
 3 'NEITHER IMPORTANT/UNIMPORTANT' 4 'NOT VERY IMPORTANT'
 5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng5f 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
3 'NEITHER IMPORTANT/UNIMPORTANT' 4 'NOT VERY IMPORTANT'
5 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng6 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng7a 1 'MORE EFFICIENT LIGHTING' 2 'MORE EFFICIENT APPLIANCES'
3 'MORE EFFICIENT HEATING/COOLING SYSTEMS'
4 'TURN DOWN HEATING AND COOLING'
5 'WEATHER STRIPPING AND CAULKING' 6 'NEW WINDOW AND DOORS'
7 'PROGRAMMABLE THERMOSTAT' 8 'FUEL EFFICIENT CAR'
9 'WOOD/CORN/FIRE PLACE BURNER' 10 'INSULATION' 11 'DRIVE LESS'
12 'HYBRID CAR' 13 'SOLAR POWER/PANEL' 14 'WIND POWER'
90 'NO MORE MENTION' 98 'DO NOT KNOW' 99 'REFUSED' /

msueng7b 1 'MORE EFFICIENT LIGHTING/CONSERVE LIGHTS'
2 'MORE EFFICIENT APPLIANCES/WATER HEATERS, ETC'
3 'MORE EFFICIENT HEATING/COOLING SYSTEMS'
4 'TURN DOWN HEATING AND COOLING'
5 'WEATHER STRIPPING/CAULKING/ROOFING/PLASTIC'
6 'NEW WINDOW AND DOORS' 7 'PROGRAMMABLE THERMOSTAT'
8 'FUEL EFFICIENT CAR' 9 'WOOD/CORN/FIRE PLACE BURNER'
10 'INSULATION' 11 'DRIVE LESS' 12 'HYBRID CAR'
13 'SOLAR POWER/PANEL' 14 'WIND POWER'
15 'RECYCLING/GOING GREEN' 90 'NO MORE MENTION' 98 'DO NOT KNOW'
99 'REFUSED' /

msueng8a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng8b 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng8c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng8d 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

msueng8e 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

ms1 1 'SINGLE FAMILY HOME' 2 'DUPLEX' 3 'CONDOMINIUM'
4 'MODULAR OR MOBILE HOME' 5 'APARTMENT OR TOWNHOUSE'
8 'DO NOT KNOW' 9 'REFUSED' /

ms1a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

ms2 1 'OWNED WITH A MORTGAGE' 2 'OWNED WITHOUT A MORTGAGE'
3 'RENTED FOR CASH RENT'
4 'OCCUPIED WITHOUT PAYMENT 0 OTHER : SPECIFY' 8 'DO NOT KNOW'
9 'REFUSED' /

ms3 0 'LESS THAN 1 YEAR' 1 'YEARS' 70 'YEARS' 98 'DO NOT KNOW'
99 'REFUSED' /

mb1 1 'INCREASED' 2 'STAYED ABOUT THE SAME' 3 'DECREASED'
8 'DO NOT KNOW' 9 'REFUSED' /

mb1b 1 'INCREASED' 2 'STAYED ABOUT THE SAME' 3 'DECREASED'
8 'DO NOT KNOW' 9 'REFUSED' /

mb1c 1 'INCREASED' 2 'STAYED ABOUT THE SAME' 3 'DECREASED'
8 'DO NOT KNOW' 9 'REFUSED' /

mb3 1 'BECOME BETTER' 2 'STAYED ABOUT THE SAME' 3 'BECOME WORSE'
8 'DO NOT KNOW' 9 'REFUSED' /

mb4 1 'INCREASED' 2 'STAYED ABOUT THE SAME' 3 'DECREASED'
8 'DO NOT KNOW' 9 'REFUSED' /

mb5 1 'INCREASED' 2 'STAYED ABOUT THE SAME' 3 'DECREASED'
8 'DO NOT KNOW' 9 'REFUSED' /

mb6 0 'OTHER: SPECIFY' 1 'FAVOR' 2 'NEITHER/NEUTRAL' 3 'OPPOSE'
8 'DO NOT KNOW' 9 'REFUSED' /

it1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

it2 1 'NOT WORTH THE HASSLE, TIME TO HAVE ONE' 2 'TOO COMPLICATED'
3 'TOO EXPENSIVE' 4 'HAVE ONE AT WORK, FRIENDS, FAMILY HAVE ONE'
5 'NO INTEREST IN COMPUTERS/NO NEED/TOO OLD'
6 'DON'T WANT CHILDREN/TEENS USINIG COMPUTER' 8 'DO NOT KNOW'
9 'REFUSED' /

it2a 1 'YES' 5 'NO, DO NOT ACCESS THE INTERNET' 8 'DO NOT KNOW'
9 'REFUSED' /

it2b 1 'HOME' 2 'WORKPLACE' 3 'BOTH' 4 'NEITHER' 8 'DO NOT KNOW'
9 'REFUSED' /

it2c 1 'YES' 5 'NO, DO NOT ACCESS THE INTERNET' 8 'DO NOT KNOW'
9 'REFUSED' /

it3 1 'DIAL-UP/MODEM' 2 'DSL LINE' 3 'CABLE MODEM'
4 'OTHER HIGH SPEED: T-1, ISDN, SATELLITE' 5 'WIRELESS'
6 'DON'T ACCESS FROM HOME' 7 'DO NOT ACCESS INTERNET AT ALL'
90 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /

it4 1 'LACK OF ACCESS/NO COMPUTER/NO PROVIDER'
2 'NOT WORTH THE TIME/HASSLE' 3 'SECURITY CONCERNS/SPAM'

4 'TOO COMPLICATED' 5 'TOO EXPENSIVE/COST'
 6 'ACCESS INTERNET ELSEWHERE'
 7 'DON''T WANT CHILDREN/TEENS ON INTERNET' 90 'MISCELLANEOUS'
 98 'DO NOT KNOW' 99 'REFUSED' /
 it5 1 'PERSONAL DESK TOP COMPUTER' 2 'LAPTOP' 3 'PDA' 4 'CELL PHONE'
 5 'ALL: COMBINATION' 98 'DO NOT KNOW' 99 'REFUSED' /
 it6a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 it6b 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 it6c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 it7 1 'STATE OF MICHIGAN' 2 'COUNTY GOVERNMENT'
 3 'TOWNSHIP GOVERNMENT' 4 'CITY OR LOCAL GOVERNMENT'
 5 'ALL EQUALLY' 6 'FEDERAL GOVERNMENT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 it8a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 it8aa 1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
 4 'VERY' 8 'DO NOT KNOW' 9 'REFUSED' /
 it9a 1 'DAILY' 2 'ONCE A WEEK' 3 'AT LEAST ONCE A MONTH'
 4 'A COUPLE OF TIMES A YEAR' 5 'ONCE A YEAR' 7 'NEVER'
 8 'DO NOT KNOW' 9 'REFUSED' /
 it10a 1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
 4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED' /
 it10b 1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
 4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED' /
 it10c 1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
 4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED' /
 it10d 1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
 4 'VERY UNLIKELY' 8 'DO NOT KNOW' 9 'REFUSED' /
 it11 1 'IN PERSON' 2 'BY TELEPHONE' 3 'BY EMAIL'
 4 'INSTANT MESSAGING' 8 'DO NOT KNOW' 9 'REFUSED' /
 UR1a 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY'
 4 'NOT IMPORTANT AT ALL' 8 'DON''T KNOW' 9 'REFUSED' /
 UR1b 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY'
 4 'NOT IMPORTANT AT ALL' 8 'DON''T KNOW' 9 'REFUSED' /
 HUS1b 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY'
 4 'NOT IMPORTANT AT ALL' 8 'DON''T KNOW' 9 'REFUSED' /
 HUS1a 1 'GREATLY REDUCE URBAN SPRAWL' 2 'SOMEWHAT REDUCE URBAN SPRAWL'
 3 'NO EFFECT ON URBAN SPRAWL' 8 'DON''T KNOW' 9 'REFUSED' /
 UD1a 1 'STRONGLY FAVOR' 2 'SOMEWHAT FAVOR' 3 'NEITHER FAVOR/OPOSE'
 4 'SOMEWHAT OPOSE' 5 'STRONGLY OPOSE' 8 'DON''T KNOW'
 9 'REFUSED' /
 UD1c 1 'STRONGLY FAVOR' 2 'SOMEWHAT FAVOR' 3 'NEITHER FAVOR/OPOSE'
 4 'SOMEWHAT OPOSE' 5 'STRONGLY OPOSE' 8 'DON''T KNOW'
 9 'REFUSED' /
 E2 1 'YES' 5 'NO' 8 'DON''T KNOW' 9 'REFUSED' /
 E3 1 'GOVERNMENT SHOULD PAY' 5 'PROPERTY SHOULD REMAIN UNUSED'
 8 'DON''T KNOW' 9 'REFUSED' /
 E4 1 'YES' 5 'NO' 8 'DON''T KNOW' 9 'REFUSED' /
 E5 1 'YES' 5 'NO' 8 'DON''T KNOW' 9 'REFUSED' /
 E11 1 'CONTAMINATION LEVEL' 2 'REDEVELOPMENT POTENTIAL'
 3 'CONTAMINATION AND REDEVELOPMENT EQUALLY' 8 'DON''T KNOW'
 9 'REFUSED' /
 CD1 1 'MALE' 5 'FEMALE' /
 CD2 00 'YEAR OF BIRTH' 90 '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' 6'
 8 'UNABLE TO CLASSIFY' 90 'OTHER: UNABLE TO CLASSIFY'
 98 'DO NOT KNOW' 99 'REFUSED' /

CD7@a 1 'REPUBLICAN' 4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 CD7@b 1 'STRONGLY REPUBLICAN' 2 'NOT VERY STRONG REPUBLICAN'
 8 'DO NOT KNOW' 9 'REFUSED' /
 CD7@c 6 'NOT VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 CD7@d 3 'REPUBLICAN' 4 'NEITHER' 5 'DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 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' 97 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /
 ms7 0 'MINUTES' 120 'MINUTES' /
 UN1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 UN2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 UN3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 inca 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 incb 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 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 0 'REFUSED' 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' /
 CD26 1 'PHONE NUMBERS' 8 'DO NOT KNOW' /
 X1 0 'OTHER: SPECIFY' 1 'RURAL COMMUNITY'
 2 'SMALL CITY, TOWN, VILLAGE' 3 'A SUBURB' 4 'URBAN COMMUNITY'
 98 'DO NOT KNOW' /
 zipcode 8 'DO NOT KNOW' 48000 'ZIP CODE' 49999 'ZIP CODE' /
 RI 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 .

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

MISSING VALUES CC1 (9,8).
 MISSING VALUES CC2 (9,8).
 MISSING VALUES CC3 (9,8).
 MISSING VALUES CC4 (9,8).
 MISSING VALUES CC5 (9,8).
 MISSING VALUES CC6 (9,8).
 MISSING VALUES A1 (99,98).
 MISSING VALUES PO1 (9,8).
 MISSING VALUES PO2 (9,8).
 MISSING VALUES P4a@a (99,98).

MISSING VALUES P4a@b (99,90).
MISSING VALUES cfm1 (99,98).
MISSING VALUES cfm2 (9,8).
MISSING VALUES cfm3 (9,8).
MISSING VALUES cfm4 (9,8).
MISSING VALUES D10 (9,8).
MISSING VALUES D11 (9,8).
MISSING VALUES D12 (9,8).
MISSING VALUES w1 (9,8).
MISSING VALUES eth1 (9,8).
MISSING VALUES eth7 (9,8).
MISSING VALUES msueng1 (9,8).
MISSING VALUES msueng2 (99,98).
MISSING VALUES msueng3 (9,8).
MISSING VALUES msueng4a (9,8).
MISSING VALUES msueng4b (9,8).
MISSING VALUES msueng4c (9,8).
MISSING VALUES msueng4d (9,8).
MISSING VALUES msueng5a (9,8).
MISSING VALUES msueng5b (9,8).
MISSING VALUES msueng5c (9,8).
MISSING VALUES msueng5d (9,8).
MISSING VALUES msueng5e (9,8).
MISSING VALUES msueng5f (9,8).
MISSING VALUES msueng6 (9,8).
MISSING VALUES msueng7a (99,98).
MISSING VALUES msueng7b (99,98).
MISSING VALUES msueng8a (9,8).
MISSING VALUES msueng8b (9,8).
MISSING VALUES msueng8c (9,8).
MISSING VALUES msueng8d (9,8).
MISSING VALUES msueng8e (9,8).
MISSING VALUES ms1 (9,8).
MISSING VALUES ms1a (9,8).
MISSING VALUES ms2 (9,8).
MISSING VALUES ms3 (99,98).
MISSING VALUES mb1 (9,8).
MISSING VALUES mb1b (9,8).
MISSING VALUES mb1c (9,8).
MISSING VALUES mb3 (9,8).
MISSING VALUES mb4 (9,8).
MISSING VALUES mb5 (9,8).
MISSING VALUES mb6 (9,8).
MISSING VALUES it1 (9,8).
MISSING VALUES it2 (9,8).
MISSING VALUES it2a (9,8).
MISSING VALUES it2b (9,8).
MISSING VALUES it2c (9,8).
MISSING VALUES it3 (99,98).
MISSING VALUES it4 (99,98).
MISSING VALUES it5 (99,98).
MISSING VALUES it6a (9,8).
MISSING VALUES it6b (9,8).
MISSING VALUES it6c (9,8).
MISSING VALUES it7 (9,8).
MISSING VALUES it8a (9,8).
MISSING VALUES it8aa (9,8).
MISSING VALUES it9a (9,8).
MISSING VALUES it10a (9,8).
MISSING VALUES it10b (9,8).
MISSING VALUES it10c (9,8).
MISSING VALUES it10d (9,8).
MISSING VALUES it11 (9,8).
MISSING VALUES UR1a (9,8).
MISSING VALUES UR1b (9,8).
MISSING VALUES HUS1b (9,8).
MISSING VALUES HUS1a (9,8).
MISSING VALUES UD1a (9,8).
MISSING VALUES UD1c (9,8).
MISSING VALUES E2 (9,8).

MISSING VALUES E3 (9,8).
MISSING VALUES E4 (9,8).
MISSING VALUES E5 (9,8).
MISSING VALUES E11 (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).
execute.

15. WEIGHTING COMMANDS

RE-CONTACT SEGMENT

```
compute sample=1.
value labels sample 1 'S46 re-interviews' 2 'S47 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 list46=0.
freq var=regn listed.

weight off.
compute listwt=1.
if (listed=2)listwt=5.8139.
if (listed=1 or listed=3)listwt=0.6916.
weight by listwt.
freq var=listed regn.

compute tempwt=listwt*10.
weight by tempwt.
*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=1.0679*listwt.
if (cd26 eq 2)phwt=0.5339*listwt.
if (cd26 eq 3)phwt=0.3560*listwt.
if (cd26 eq 4)phwt=0.2670*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 adlwt=phwt.
if (cd10=1)adlwt=phwt*0.5456.
if (cd10=2)adlwt=phwt*1.0912.
if (cd10=3)adlwt=phwt*1.6369.
if (cd10=4)adlwt=phwt*2.1825.
if (cd10=5)adlwt=phwt*2.7281.
if (cd10=6)adlwt=phwt*1.
if (cd10=7)adlwt=phwt*1.
if (cd10=8)adlwt=phwt*1.
if (cd10=9)adlwt=phwt*1.
if (cd10=10)adlwt=phwt*.5456.
if (cd10=98 or adults=99) adlwt=phwt*.5456.

weight by adlwt.
freq var=cd10.

*****SAVE and READ FRESH RDD SAMPLE DATE.

*NEW RDD SEGMENT.

compute sample=2.
value labels sample 1 'S46 re-interviews' 2 'S47 fresh RDD'.
freq var=sample.

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

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

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

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

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

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

value labels regn newreg2 1 'UP' 2 'N. LP' 3 'W. Central' 4 'E. Central' 5 'Southwest' 6 'Southeast' 7
'Detroit'.
freq var=newreg2.
crosstab table=regn by newreg2.

if (regn ne newreg2)regn=newreg2.
compute list46=0.
freq var=regn listed.

weight off.
compute listwt=1.
if (listed=2)listwt=2.3767.
if (listed=1 or listed=3)listwt=0.7623.
weight by listwt.
freq var=listed regn.

compute tempwt=listwt*10.
```

```
weight by tempwt.
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=1.0600*listwt.
if (cd26 eq 2)phwt=0.5300*listwt.
if (cd26 eq 3)phwt=0.3533*listwt.
if (cd26 eq 4)phwt=0.2650*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=0.1514*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*0.5350.
if (cd10=2)adltwt=phwt*1.0700.
if (cd10=3)adltwt=phwt*1.6051.
if (cd10=4)adltwt=phwt*2.1401.
if (cd10=5)adltwt=phwt*2.6751.
if (cd10=6)adltwt=phwt*3.2101.
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*.5350.

weight by adltwt.
freq var=cd10.

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

* COMBINED DATA FILE.

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 107)agecat=9.
missing values age (0)/agecat (9).

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

freq var=age.
freq var=agecat.
freq var=regcn.

compute rac3=0.
compute multrace=0.
count mult2=cd4a@a to cd4a@e(1).
if (mult2=0 and cd5a=1)rac3=1.
if (cd4a@a=1 and mult2=1)rac3=1.
if (cd4a@b=1 and mult2=1)rac3=2.
if (cd4a@c=1 and mult2=1)rac3=3.
if (cd4a@d=1 and mult2=1)rac3=4.
if (cd4a@e=1 and mult2=1)rac3=5.
if (mult2 gt 1 and cd4a@e=1)rac3=5.
if (mult2 gt 1 and cd4a@d=1)rac3=4.
if (mult2 gt 1 and cd4a@c=1)rac3=3.
if (mult2 gt 1 and cd4a@b=1)rac3=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 regcn=7)imprace=2.
if (imprace=0 and regcn lt 7)imprace=1.
freq var=imprace.
weight off.

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

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

CROSSTABS
  /TABLES=cd1 by imprace BY regcn
  /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 regcn eq 1)racgenct=ovrsamwt*1.3854.
if (imprace eq 2 and cd1 eq 1 and regcn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regcn eq 1)racgenct=ovrsamwt*0.2494.
if (imprace eq 1 and cd1 eq 5 and regcn eq 1)racgenct=ovrsamwt*0.8526.
if (imprace eq 2 and cd1 eq 5 and regcn eq 1)racgenct=ovrsamwt*0.0439.
if (imprace eq 3 and cd1 eq 5 and regcn eq 1)racgenct=ovrsamwt*1.1347.

if (imprace eq 1 and cd1 eq 1 and regcn eq 2)racgenct=ovrsamwt*0.9064.
if (imprace eq 2 and cd1 eq 1 and regcn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regcn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regcn eq 2)racgenct=ovrsamwt*1.1198.
if (imprace eq 2 and cd1 eq 5 and regcn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regcn eq 2)racgenct=ovrsamwt*0.2872.

if (imprace eq 1 and cd1 eq 1 and regcn eq 3)racgenct=ovrsamwt*0.7749.
if (imprace eq 2 and cd1 eq 1 and regcn eq 3)racgenct=ovrsamwt*2.3178.
if (imprace eq 3 and cd1 eq 1 and regcn eq 3)racgenct=ovrsamwt*2.0276.
if (imprace eq 1 and cd1 eq 5 and regcn eq 3)racgenct=ovrsamwt*1.2721.
if (imprace eq 2 and cd1 eq 5 and regcn eq 3)racgenct=ovrsamwt*2.1729.
if (imprace eq 3 and cd1 eq 5 and regcn eq 3)racgenct=ovrsamwt*0.6087.

if (imprace eq 1 and cd1 eq 1 and regcn eq 4)racgenct=ovrsamwt*0.8586.

```

```
if (imprace eq 2 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*0.6987.
if (imprace eq 3 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*1.1949.
if (imprace eq 2 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*1.0419.
if (imprace eq 3 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*0.7982.

if (imprace eq 1 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*0.9743.
if (imprace eq 2 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*1.6258.
if (imprace eq 3 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*0.7913.
if (imprace eq 1 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.9974.
if (imprace eq 2 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.8302.
if (imprace eq 3 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*4.3421.

if (imprace eq 1 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*1.2956.
if (imprace eq 2 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*0.4731.
if (imprace eq 3 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*1.2754.
if (imprace eq 1 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*0.8592.
if (imprace eq 2 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*1.2991.
if (imprace eq 3 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*1.3558.

if (imprace eq 1 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*0.5784.
if (imprace eq 2 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*1.2130.
if (imprace eq 3 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*0.6783.
if (imprace eq 2 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*1.0766.
if (imprace eq 3 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.3314.

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*3.1081.
if (agecat eq 2 and regn eq 1) agewt=racgenct*2.7575.
if (agecat eq 3 and regn eq 1) agewt=racgenct*2.4765.
if (agecat eq 4 and regn eq 1) agewt=racgenct*1.4153.
if (agecat eq 5 and regn eq 1) agewt=racgenct*0.7387.
if (agecat eq 6 and regn eq 1) agewt=racgenct*0.1920.
if (agecat eq 7 and regn eq 1) agewt=racgenct*1.0876.

if (agecat eq 1 and regn eq 2) agewt=racgenct*1.2855.
if (agecat eq 2 and regn eq 2) agewt=racgenct*0.8037.
if (agecat eq 3 and regn eq 2) agewt=racgenct*4.1896.
if (agecat eq 4 and regn eq 2) agewt=racgenct*1.1570.
if (agecat eq 5 and regn eq 2) agewt=racgenct*0.6304.
if (agecat eq 6 and regn eq 2) agewt=racgenct*0.6550.
if (agecat eq 7 and regn eq 2) agewt=racgenct*0.8657.

if (agecat eq 1 and regn eq 3) agewt=racgenct*1.1764.
if (agecat eq 2 and regn eq 3) agewt=racgenct*4.4194.
if (agecat eq 3 and regn eq 3) agewt=racgenct*1.6620.
if (agecat eq 4 and regn eq 3) agewt=racgenct*1.0475.
if (agecat eq 5 and regn eq 3) agewt=racgenct*0.6423.
if (agecat eq 6 and regn eq 3) agewt=racgenct*0.6102.
if (agecat eq 7 and regn eq 3) agewt=racgenct*0.7412.

if (agecat eq 1 and regn eq 4) agewt=racgenct*1.8768.
if (agecat eq 2 and regn eq 4) agewt=racgenct*2.8220.
if (agecat eq 3 and regn eq 4) agewt=racgenct*1.2482.
if (agecat eq 4 and regn eq 4) agewt=racgenct*0.8899.
if (agecat eq 5 and regn eq 4) agewt=racgenct*0.6723.
if (agecat eq 6 and regn eq 4) agewt=racgenct*0.4361.
if (agecat eq 7 and regn eq 4) agewt=racgenct*1.2070.

if (agecat eq 1 and regn eq 5) agewt=racgenct*3.4984.
if (agecat eq 2 and regn eq 5) agewt=racgenct*0.8904.
if (agecat eq 3 and regn eq 5) agewt=racgenct*1.4478.
if (agecat eq 4 and regn eq 5) agewt=racgenct*0.8514.
```

```
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.5992.
if (agecat eq 6 and regn eq 5)agewt=racgenct*0.6516.
if (agecat eq 7 and regn eq 5)agewt=racgenct*1.0457.

if (agecat eq 1 and regn eq 6)agewt=racgenct*1.8479.
if (agecat eq 2 and regn eq 6)agewt=racgenct*4.4430.
if (agecat eq 3 and regn eq 6)agewt=racgenct*2.4184.
if (agecat eq 4 and regn eq 6)agewt=racgenct*0.8163.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.5751.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.5020.
if (agecat eq 7 and regn eq 6)agewt=racgenct*0.8354.

if (agecat eq 1 and regn eq 7)agewt=racgenct*1.6154.
if (agecat eq 2 and regn eq 7)agewt=racgenct*3.1757.
if (agecat eq 3 and regn eq 7)agewt=racgenct*1.7953.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.8980.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.4409.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.5820.
if (agecat eq 7 and regn eq 7)agewt=racgenct*0.5956.
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*1.14407.
if (regn=2)adjwt=agewt*1.01136.
if (regn=3)adjwt=agewt*0.88278.
if (regn=4)adjwt=agewt*0.99387.
if (regn=5)adjwt=agewt*1.04072.
if (regn=6)adjwt=agewt*0.93892.
if (regn=7)adjwt=agewt*1.19847.
*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*0.3702.
if (regn=6)msuewt=adjwt*1.4800.
weight by msuewt.
freq var=msueregn regn cdl.

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

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.6297.
if (msueregn eq 2)statewt=msuewt*0.6452.
if (msueregn eq 3)statewt=msuewt*0.7870.
if (msueregn eq 4)statewt=msuewt*0.5418.
if (msueregn eq 5)statewt=msuewt*0.8649.
if (msueregn eq 6)statewt=msuewt*1.5139.
*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.
```

* 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 (inca=1)newinc=5.
```

```
if (inca=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
```

```
newreg2 '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 HHL'D'/
```

```
adltwt 'Weight adjustment for number adults in HHL'D'/
```

```
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'/
```

```
rac6 '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'
26113 'Missaukee'
26135 'Oscoda' 26001 'Alcona' 26069 'Iosco' 26009 'Antrim' 26101 'Manistee'
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=26067 or 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 (newreg2=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 statemt.
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 cdl=1 and agecat4=1)newregARSwt=ovrsamwt*5.0593.
if (msue2005=1 and imprace=1 and cdl=1 and agecat4=2)newregARSwt=ovrsamwt*3.4838.
if (msue2005=1 and imprace=1 and cdl=1 and agecat4=3)newregARSwt=ovrsamwt*0.8259.
if (msue2005=1 and imprace=1 and cdl=1 and agecat4=4)newregARSwt=ovrsamwt*1.2399.
if (msue2005=1 and imprace=1 and cdl=1 and agecat4=9)newregARSwt=ovrsamwt*1.
if (msue2005=1 and imprace=1 and cdl=5 and agecat4=1)newregARSwt=ovrsamwt*1.7239.
if (msue2005=1 and imprace=1 and cdl=5 and agecat4=2)newregARSwt=ovrsamwt*1.6470.
if (msue2005=1 and imprace=1 and cdl=5 and agecat4=3)newregARSwt=ovrsamwt*0.3899.
if (msue2005=1 and imprace=1 and cdl=5 and agecat4=4)newregARSwt=ovrsamwt*1.6442.
if (msue2005=1 and imprace=1 and cdl=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

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

if (msue2005=1 and imprace=3 and cdl=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cdl=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cdl=1 and agecat4=3)newregARSwt=ovrsamwt* 0.3552.
if (msue2005=1 and imprace=3 and cdl=1 and agecat4=4)newregARSwt=ovrsamwt* 0.0346 .
if (msue2005=1 and imprace=3 and cdl=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cdl=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cdl=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cdl=5 and agecat4=3)newregARSwt=ovrsamwt* 0.8737.
if (msue2005=1 and imprace=3 and cdl=5 and agecat4=4)newregARSwt=ovrsamwt* 0.3325 .
if (msue2005=1 and imprace=3 and cdl=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

*Region 2.
if (msue2005=2 and imprace=1 and cdl=1 and agecat4=1)newregARSwt=ovrsamwt*1.34009.
if (msue2005=2 and imprace=1 and cdl=1 and agecat4=2)newregARSwt=ovrsamwt*13.8893.
if (msue2005=2 and imprace=1 and cdl=1 and agecat4=3)newregARSwt=ovrsamwt*0.50136.
if (msue2005=2 and imprace=1 and cdl=1 and agecat4=4)newregARSwt=ovrsamwt*0.66008.
if (msue2005=2 and imprace=1 and cdl=1 and agecat4=9)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=1 and cdl=5 and agecat4=1)newregARSwt=ovrsamwt*0.86029.
if (msue2005=2 and imprace=1 and cdl=5 and agecat4=2)newregARSwt=ovrsamwt*1.81623.
if (msue2005=2 and imprace=1 and cdl=5 and agecat4=3)newregARSwt=ovrsamwt*0.90366.
if (msue2005=2 and imprace=1 and cdl=5 and agecat4=4)newregARSwt=ovrsamwt*1.38137.
if (msue2005=2 and imprace=1 and cdl=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

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

```



```
if (msue2005=4 and imprace=3 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 1.  
if (msue2005=4 and imprace=3 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=4 and imprace=3 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 1.  
if (msue2005=4 and imprace=3 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt* 1.3317.  
if (msue2005=4 and imprace=3 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt* 2.9514.  
if (msue2005=4 and imprace=3 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 0.8962.  
if (msue2005=4 and imprace=3 and cdl=5 and agecat4=9) newregARSwt=ovrsamwt* 1.
```

* Region 5.

```
if (msue2005=5 and imprace=1 and cdl=1 and agecat4=1) newregARSwt=ovrsamwt* 2.2280.  
if (msue2005=5 and imprace=1 and cdl=1 and agecat4=2) newregARSwt=ovrsamwt* 1.7461.  
if (msue2005=5 and imprace=1 and cdl=1 and agecat4=3) newregARSwt=ovrsamwt* 0.7187.  
if (msue2005=5 and imprace=1 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 0.8638.  
if (msue2005=5 and imprace=1 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=1 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 2.8267.  
if (msue2005=5 and imprace=1 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt* 1.2360.  
if (msue2005=5 and imprace=1 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt* 0.5976.  
if (msue2005=5 and imprace=1 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 0.7678.  
if (msue2005=5 and imprace=1 and cdl=5 and agecat4=9) newregARSwt=ovrsamwt*1.
```

```
if (msue2005=5 and imprace=2 and cdl=1 and agecat4=1) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=2 and cdl=1 and agecat4=2) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=2 and cdl=1 and agecat4=3) newregARSwt=ovrsamwt* 0.5954.  
if (msue2005=5 and imprace=2 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 0.2790.  
if (msue2005=5 and imprace=2 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=2 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 1.7316.  
if (msue2005=5 and imprace=2 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt* 1.4222.  
if (msue2005=5 and imprace=2 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt* 0.6090.  
if (msue2005=5 and imprace=2 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 3.5060.  
if (msue2005=5 and imprace=2 and cdl=5 and agecat4=9) newregARSwt=ovrsamwt* 1.
```

```
if (msue2005=5 and imprace=3 and cdl=1 and agecat4=1) newregARSwt=ovrsamwt* 2.5603.  
if (msue2005=5 and imprace=3 and cdl=1 and agecat4=2) newregARSwt=ovrsamwt* 2.9738.  
if (msue2005=5 and imprace=3 and cdl=1 and agecat4=3) newregARSwt=ovrsamwt*1.8183.  
if (msue2005=5 and imprace=3 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=3 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=3 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=3 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt*1.9226.  
if (msue2005=5 and imprace=3 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt*1.4053.  
if (msue2005=5 and imprace=3 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 1.  
if (msue2005=5 and imprace=3 and cdl=5 and agecat4=9) newregARSwt=ovrsamwt* 1.
```

* Region 6.

```
if (msue2005=6 and imprace=1 and cdl=1 and agecat4=1) newregARSwt=ovrsamwt*2.3640.  
if (msue2005=6 and imprace=1 and cdl=1 and agecat4=2) newregARSwt=ovrsamwt* 0.7872.  
if (msue2005=6 and imprace=1 and cdl=1 and agecat4=3) newregARSwt=ovrsamwt* 0.3544.  
if (msue2005=6 and imprace=1 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 0.3521.  
if (msue2005=6 and imprace=1 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=1 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=1 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt* 1.7259.  
if (msue2005=6 and imprace=1 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt* 0.3196.  
if (msue2005=6 and imprace=1 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 0.5871.  
if (msue2005=6 and imprace=1 and cdl=5 and agecat4=9) newregARSwt=ovrsamwt* 1.
```

```
if (msue2005=6 and imprace=2 and cdl=1 and agecat4=1) newregARSwt=ovrsamwt* 4.0500.  
if (msue2005=6 and imprace=2 and cdl=1 and agecat4=2) newregARSwt=ovrsamwt* 5.9230.  
if (msue2005=6 and imprace=2 and cdl=1 and agecat4=3) newregARSwt=ovrsamwt* 0.6246.  
if (msue2005=6 and imprace=2 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 0.4395.  
if (msue2005=6 and imprace=2 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=2 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 1.4798.  
if (msue2005=6 and imprace=2 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt* 1.2661.  
if (msue2005=6 and imprace=2 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt* 0.9148.  
if (msue2005=6 and imprace=2 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 1.0244.  
if (msue2005=6 and imprace=2 and cdl=5 and agecat4=9) newregARSwt=ovrsamwt* 1.
```

```
if (msue2005=6 and imprace=3 and cdl=1 and agecat4=1) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=1 and agecat4=2) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=1 and agecat4=3) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=1 and agecat4=4) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=1 and agecat4=9) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=5 and agecat4=1) newregARSwt=ovrsamwt* 3.0896.  
if (msue2005=6 and imprace=3 and cdl=5 and agecat4=2) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=5 and agecat4=3) newregARSwt=ovrsamwt* 1.  
if (msue2005=6 and imprace=3 and cdl=5 and agecat4=4) newregARSwt=ovrsamwt* 0.3649.
```

```

if (msue2005=6 and imprace=3 and cdl=5 and agecat4=9)newregARSwT=ovrsamwt* 1.

weight by newregarswt.
freq var=msue2005 imprace cdl agecat4.

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

weight off.
freq var=msue2005.

compute newadjwt=1.
if (msue2005=1)newadjwt=newregarswt*1.151386.
if (msue2005=2)newadjwt=newregarswt*1.020856.
if (msue2005=3)newadjwt=newregarswt*0.906134.
if (msue2005=4)newadjwt=newregarswt*0.980315.
if (msue2005=5)newadjwt=newregarswt*0.947255.
if (msue2005=6)newadjwt=newregarswt*1.21142.
weight by newadjwt.
freq var=msue2005.

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

compute MSUE2005wt=newadjwt.
if (msue2005=5)msue2005wt=newadjwt*1.34587.
if (msue2005=6)msue2005wt=newadjwt*0.41841.
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'.

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='f:\massstoragebackup10062007\sosses\soss47\soss47wt.dat'
/1
    cnty 7-11
    random1 14 (A)
    random4 17 (A)
    CC2 20
    CC5 23
    PO1 27
    P4a@b 31-32
    cfm3 36
    D11 39
    eth1 42
    msueng2 45-46
    msueng4b 49
    msueng5a 52
    msueng5d 55
    msueng6 58
    msueng8a 63
    msueng8d 66
    ID1 1-5 (A)
    regn 12
    random2 15 (A)
    listed 18
    CC3 21
    CC6 24
    PO2 28
    cfm1 33-34
    cfm4 37
    D12 40
    eth7 43
    msueng3 47
    msueng4c 50
    msueng5b 53
    msueng5e 56
    msueng7a 59-60
    msueng8b 64
    msueng8e 67
    R1 6 (A)
    newreg5 13 (A)
    random3 16 (A)
    CC1 19
    CC4 22
    A1 25-26
    P4a@a 29-30
    cfm2 35
    D10 38
    w1 41
    msueng1 44
    msueng4a 48
    msueng4d 51
    msueng5c 54
    msueng5f 57
    msueng7b 61-62
    msueng8c 65
/2
    ms1 1
    ms3 24-25
    mb1 41
    mb3 44
    mb6 47
    it2a 50
    ms1a 22
    ms4 26-33
    mb1b 42
    mb4 45
    it1 48
    it2b 51
    ms2 23
    ms5 35-39
    mb1c 43
    mb5 46
    it2 49
    it2c 52

```

```

it3 53-54          it4 55-56          it5 57-58
  it6a 59          it6b 60            it6c 61
  it7 63           it8a 64            it8aa 65
  it9a 66          it10a 67           it10b 68
  it10c 69         it10d 70           it11 71
  UR1a 72          UR1b 73            HUS1b 74
  HUS1a 75         UD1a 76            UD1c 77
  E2 78            E3 79              E4 80
/3  E5 1            E11 2              CD1 3
  CD2 4-5          CD3 6-7            CD5a 8
  CD4a@a 9         CD4a@b 10          CD4a@c 11
  CD4a@d 12        CD4a@e 13          CD4a@f 14
  CD6 15-16        CD7@a 17           CD7@b 18
  CD7@c 19         CD7@d 20           partyid 21
  P17@a 22         P17@b 23           P17@c 24
  P17@d 25         ideology 26        CD8 27
  CD10 28-29       CD11 30            CD15 31-32
  ms7 33-35        UN1 36             UN2 37
  UN3 38           inca 39            incb 40
  incc 41          incd 42            ince 43
  incf 44          incg 45            income 46
  CD26 47          X1 48-49           zipcode 50-54
/4  ms6 1-30 (A)   RI 31
/5  contacts 14-15 length 16-19   idate 20-27
  iwer 28-30      males 31-32       females 33-34
  races 57        AGECAT 58         ADJWT10 59-64
  MSUEREGRN 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 .

```