

METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY
STATE OF THE STATE SURVEY
[MSU SOSS-36]

Fall 2004 Round

Prepared by:

Larry A. Hembroff
Brian D. Silver

Institute for Public Policy and Social Research
Office for Survey Research
Michigan State University

January, 2005

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.

Please address questions or comments to:

**Dr. Larry A. Hembroff, Senior Survey Methodologist, Office for Survey Research,
Institute for Public Policy and Social Research, Berkey Hall, Michigan State
University, East Lansing MI 48824**

Phone: (517) 355-6672 ext. 122

Fax: (517) 432-1544

Internet: Hembroff@msu.edu

**Dr. Brian D. Silver, SOSS Director, Department of Political Science, Michigan State
University, East Lansing MI 48824**

Phone: (517) 355-2237

Fax: (517) 432-1091

Internet: BSilver@msu.edu

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 new 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 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 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, the 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 will be 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 each survey instrument.

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 the annual "State of MSU" address by the President of the University.

Spring. The Spring round has as a 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 experience 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. The focus of SOSS 36 was the performance of government, concerns about terrorism and the war in Iraq, the 2004 presidential campaign, cigarette advertising, health insurance (coverage, type, and restrictions or limitations), and education and education funding.

3. STRUCTURE OF THE QUESTIONNAIRE

The questionnaires for each round of the survey are designed by a different set of principal investigators, who are faculty and students at MSU. 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 and occupation, size of city, 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 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 occupation as well as for questions about the most important issues facing the state or the community.

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 the 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. The overall SOSS program is directed by **Dr. Brian Silver**, SOSS Director (Department of Political Science). 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 **Dr. Larry Hembroff**, Survey Director and Methodologist, **Karen Clark**, Programmer and Project Manager, and **Kathy Cusick** (manager of interviewing operations for SOSS).

The OSR staff is responsible for the technical work of designing the CATI computer program, training and supervising interviewers, selection and administration of the sample, coding of data, and preparation of the final data set and documentation. In addition, the 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 designs rest with the principal investigators, not the OSR staff.

For each round of the survey, a small working group of principal investigators is responsible for the design of the instrument for that round, subject to final approval by the SOSS Director and OSR staff. The working groups consist primarily of "principal investigators" for the given round who will conduct the major initial analyses of the data, provide a public briefing, and have priority in analyzing the data for publication for the six-month period following the end of the field period for that round (more on data access below).

The Working Group for the Fall 2004 survey was comprised of:

Debra Darling, Institute for Health Care Studies, MSU

Denise Holmes, Director, Institute for Health Care Studies, MSU

Darren Davis, Professor, Dept. of Political Science, MSU

Brian Silver, Professor, Dept. of Political Science, MSU

Ronald Davis, Adjunct Professor, MSU College of Human Medicine

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2004 series of surveys:

Organizations

- Area Agencies on Aging Association of Michigan
- Aspen Institute
- Community Foundation for Southeastern Michigan
- Nonprofit Michigan Project
- United Way of Michigan

Michigan State University

- Office of the Provost
- Office of the Vice President for Research and Graduate Studies
- Office of the Vice Provost for University Outreach
- 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
- MSU Institute for Children Youth and Families
- Managed Care Institute
- Institute for Public Policy and Social Research
- Legislative Leadership Program
- Michigan Agricultural Experiment Station
- MSU Extension
- 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 are responsible for preparing and conducting a press briefing based on results of the survey within one week of the end of the field date. IPPSR's outreach and design staff assist in this effort, working with the [MSU University Relations](#).

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 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 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 with Detroit separated out from the Southeast region.

The six regions are defined as follows (counties listed within regions -- also see the map in the Appendix):

1. Upper Peninsula (Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Ontonagon, Mackinac, Marquette, Menominee, Schoolcraft)
2. Northern Lower Peninsula (Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, Wexford)
3. West Central (Allegan, Barry, Ionia, Kent, Lake, Manistee, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola, Ottawa)
4. East Central (Arenac, Bay, Clare, Clinton, Gladwin, Gratiot, Huron, Isabella, Midland, Saginaw, Sanilac, Shiawassee, Tuscola)
5. Southwest (Berrien, Branch, Calhoun, Cass, Eaton, Hillsdale, Ingham, Jackson, Kalamazoo, St. Joseph, Van Buren)
6. Southeast (Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, Wayne [excluding Detroit])
7. Detroit City

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

Sampling. Until SOSS-35, all previous respondents were derived only from random-digit dial samples. Beginning with SOSS-35, a change was made in the sampling strategy for the State of the State Surveys. The overall intent of the change is 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-36's sample of completed interviews derived from re-interviews with SOSS-35 participants to less than half of the total number of SOSS-36 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-36 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, this universe was constrained to include only those 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 numbers remaining as possible numbers until the total number of numbers 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-36, a total of 5,221 phone numbers were used, 468 in the re-contact segment and 4,753 in the new RDD segment. The working phone rate across the two segments was 69.8% (94.2% in the re-contact segment, 67.4% in the new RDD segment).

The sampling design for the State of the State Survey was 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 was 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 two hundred 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, i.e., the re-interview segment and the new RDD segment) separately and then combined them into a single file. Each segment is 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 six MSU 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 had 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 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 age 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 were 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 region based on the 2000 Census. In the data set, this weighting factor is named RACGENCT. Furthermore, within each region, 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 continued to be a separate stratum to this point, but a new variable MSUEREGR 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 MSUEREGR.

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

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

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 error would occur when P is .5 and Q is .5. Therefore, the margins of error for each region and the total statewide sample can be estimated as:

<u>REGION</u>	<u>Number of Cases</u>	<u>Margin of Sampling Error</u>
Upper Peninsula	55	± 13.3%
Northern Lower Peninsula	88	± 10.5%
West Central	197	± 7.0%
East Central	135	± 8.5%
Southwest	149	± 8.1%
Southeast	188	± 7.2%
<u>Detroit</u>	<u>153</u>	<u>+ 7.9%</u>
Statewide Total	965	± 3.2%

8. FIELD PROCEDURES

CATI System. Interviews were conducted using the Computer Assisted Telephone Interviewing system (CATI) of IPPSR's Office for Survey Research (OSR). OSR uses the CASES (version 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 responses 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 receive a training manual with instructions on techniques and procedures, copies of all relevant forms, and descriptions of operations. The OSR telephone interviewing training package was developed using "General Interviewing Techniques: A Self-Instructional Workbook for Telephone and Personal Interviewer Training", authored by P. J. Guenzel, T. R. Berckmans, and C. F. Cannell (1983) of the Survey Research Center, Institute for Social Research, University of Michigan.

Experienced interviewers received approximately two hours of study specific training to acquaint them with the study protocols, the interview instrument, and the objectives of the various questions. New interviewers were also given this information as a part of their training. Approximately 80 different interviewers were involved in data collection on the 36th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on December 6, 2004, and continued through the February 1, 2005

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. In SOSS-36, a programming error in the CATI system resulted in males in household being substantially over-sampled.

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 15 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 17.3 minutes (standard deviation=4.5 with the median being 17 minutes).

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

Completion Rate. A total of 965 interviews were completed. The overall completion rate among eligible households for the study was 43.8% (36.9% in the new RDD segment and 74.8% in the re-contact segment).¹

Of those completing the interview, the mean number of calls required was 4.49 in the new RDD segment and 5.05 in the re-contact segment. Interviewers made a total of 34,790 calls to complete the 968 interviews.

The refusal rate was 18.9%.

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

10. DATA FORMAT AND ARCHIVING

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

¹ This is based on computation and classification coding developed by the advisory team for SOSS. Since then, the American Association of Public Opinion Research has published Standard Definitions as a guide to developing more nearly standard formulas for computing response rates, cooperation rates, refusal rates, and contact rates. Using AAPOR's formula RR4, the response rate for SOSS-36 was 44.7%, the refusal rate (REF2) was 14.4%, the cooperation rate was 75.6%, and the contact rate was 92.8%.

11. APPENDIX

- a. Map of the MSU Extension Regions
- b. Demographic Data in MSU State of the State Survey: MSUE Regions

Weighting Program for 2000 Census Profile of Michigan (MSUSOSS 36
Fall, 2004 MSUE Regions)

Table 1. Phone Lines

Table 2. Number of Adults in Household

Table 3. Adjustment for Over-Sampled Counties

Table 4. Weighting for Race and Gender within Regions

Table 5. Weighting by Age within Region

Table 6. Weighting to fold Detroit into Southeast Region

Table 7. Weighting across Regions for Statewide Estimates

Table 8. Weighting by Race

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 (SUMMER/FALL, 2004)

>CONSENT< [loc 0/550]

Before we begin let me tell you that this interview is voluntary.
Let me also tell you that this interview is completely confidential. Your
privacy will be protected to the maximum extent allowable by law. Should we
come to any question that makes you feel too uncomfortable or you do not
want to answer, just let me know and we can go on to the next question.

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

[yellow]READ ONLY IF NECESSARY:

(If you have any questions about your rights or role as a subject of
research, you may contact Dr. Peter Vasilenko, Chair of the University
Committee for Research Involving Human Subjects at 517.355.2180. Should
you have any questions about this study or your participation in it,
you are welcome to contact Karen Clark at 517.355.6672.) [n]

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

[@]<1>

>coreq< [allow 2][#preset <0>] [copy coreq in coreq]
>cstart< [allow 4] [copy cstart in cstart]
>cstop< [allow 4] [copy cstop in cstop]
>bdsstart< [allow 4] [copy bdsstart in bdsstart][copy bdsstop in bdsstop]
>bdsstop< [allow 4] [copy bds in bds]
>bds< [allow 4] [copy sstart in sstart]
>sstart< [allow 4] [copy sstop in sstop]
>sstop< [allow 4] [copy smoke in smoke]
>smoke< [allow 4] [copy healthstart in healthstart]
>healthstart< [allow 4] [copy healthstop in healthstop]
>healthstop< [allow 4] [copy health in health]
>health< [allow 4]
>education< [allow 4] [copy education in education]
>estart< [allow 4] [copy estart in estart]
>estop< [allow 4] [copy estop in estop]
>demo< [allow 4] [copy demo in demo]
>demostart< [allow 4] [copy demostart in demostart]
>demostop< [allow 4] [copy demostop in demostop]

>ID1< [allow 5][loc 18/1][#store csid in ID1][copy ID1 in ID1]
>R1< [allow 1][#preset <1>][copy R1 in R1]
>random< [allow 1][#inputloc 1/14] 1-9 [copy random in random]
>cnty< [allow 5][inputloc 1/23][copy cnty in cnty]
>regnc< [allow 1][inputloc 1/29] 1 upper pen [copy regnc in regnc]
2 northern
3 west central
4 east central
5 southwest
6 southeast
7 Detroit

>listed< [allow 1][inputloc 1/120][copy listed in listed]1=listed 2=unlisted
>tsklst< [if listed eq <>][store <2> in listed][endif]

>CC1< [#settime cstart]

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

Would you say that you (and your family living there) are [green]better off[n]
or [green]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 [green]a year from now[n], you (and your family living there) will be [green]better off[n] financially or [green]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 [green]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 [green]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<

[green]Twelve months from now[n], do you expect the unemployment situation in this country to be [green]better than[n], worse than, or [green]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 [green]next twelve months[n] your community will have [green]good times[n] financially, or [green]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]

>PO2<

Thinking about our elected officials, overall, 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

>PO1<

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

>gt1< [#settime cstop]

How much of the time do you think you can trust the government in [green]Washington[n] to do what is right?

Would you say nearly always or most of the time, some of the time, seldom, or almost never?

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

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

[@]<1> JUST ABOUT ALWAYS <2> MOST OF THE TIME <3> SOME OF THE TIME

<4> NONE OF THE TIME <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>SEC4< [#settime bdsstart]

The next few questions are about the threat of terrorism.

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

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

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

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

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

>CG2<

How much responsibility do you [green]personally[n] believe the United States bears for the hatred that led to the 9/11 terrorist attacks?

Would you say a lot of responsibility, some, a little, or none at all?

A LOT.....1 @
SOME.....2
A LITTLE.....3
NONE AT ALL.....4

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

[@]<1> A LOT <2> SOME <3> A LITTLE <4> NONE AT ALL
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>CL1<

Next I am going to read two statements. Please tell me which one you agree with [green]most[n].

The first is, in order to curb terrorism in this country, it will be necessary to give up some civil liberties. -or-

We should preserve our freedoms above all, even if there remains some risk of terrorism.

(Which statement do you agree with [green]most[n]?)

Necessary to give up some civil liberties.....1 @
We should preserve our freedoms.....5

IT DEPENDS/NEITHER (volunteers).....7

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

[@]<1> NECESSARY GIVE UP CIVIL LIBERTIES[goto IR1] <5> PRESERVE
FREEDOMS[goto IR1]
<7> DEPENDS/NEITHER
<8> DO NOT KNOW [missing] <9> REFUSED [missing][goto IR1]

>c11flup<

If you had to choose, which statement is closer to your opinion?

(In order to curb terrorism in this country, it will be necessary to give up some civil liberties). [green]or[n]

(We should preserve our freedoms above all, even if there remains some risk of terrorism.)

Necessary to give up some civil liberties.....1 @
We should preserve our freedoms.....5

DEPENDS/NEITHER/CANNOT CHOOSE.....7
DO NOT KNOW.....8
REFUSED.....9

[@] <1>NECESSARY GIVE UP CIVIL LIBERTIES <5> PRESERVE FREEDOMS
<7> DEPENDS/NEITHER
<8> DO NOT KNOW [missing] <9> REFUSED [missing][goto IR1]

>IR1<

Now, thinking about the 2003 American invasion of Iraq, do you think it was justified or [green]not[n] justified?

JUSTIFIED.....1 @
NOT JUSTIFIED.....5

DO NOT KNOW.....8
REFUSED9

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

>IR2<

Do you think the potential [green]benefits[n] of the war in Iraq outweigh the [green]costs[n] that Americans are bearing?

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

DO NOT KNOW.....8
REFUSED9

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

>vote1<

Next, I have some questions about the 2004 presidential election.

Did you vote in the 2004 presidential election held on November 2?

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

DO NOT KNOW.....8
REFUSED9

[@] <1> YES <5> NO[goto cs1]
<8> DO NOT KNOW [missing][goto cs1] <9> REFUSED [missing][goto cs1]

>vote2<

Did you vote for George Bush, John Kerry, Ralph Nader or someone else?

GEORGE BUSH.....1 @
JOHN KERRY.....3
RALPH NADER.....5
SOMEONE ELSE: SPECIFY.....0

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

[@] <1> GEORGE BUSH <3> JOHN KERRY <5> RALPH NADER <0> SOMEONE ELSE [#specify]
<8> DO NOT KNOW[goto prop2] [missing] <9> REFUSED [missing][goto prop2]

>candidate< [allow 15]

>task1< [if vote2 eq <1>][store <George Bush> in candidate][endif]
[if vote2 eq <3>][store <John Kerry> in candidate][endif]
[if vote2 eq <5>][store <Ralph Nader> in candidate][endif]
[if vote2 eq <0> or vote2 ge <8>][store <your candidate> in candidate][endif]

>ex<

For each of the following, please tell me if it was very important, somewhat important, or not important to you in your choice of president.

[yellow]IWER: BECAUSE THE 9 QUESTIONS ARE ROTATED, YOU CAN BE THE JUDGE AS TO WHETHER OR NOT YOU NEED TO READ THE RESPONSE CATEGORIES EACH TIME[n]

[nodata] @

>rotate4< [if random le <1>][goto ex1][endif]
[if random eq <2>][goto ex2][endif]
[if random eq <3>][goto ex3][endif]
[if random eq <4>][goto ex4][endif]
[if random eq <5>][goto ex5][endif]
[if random eq <6>][goto ex6][endif]
[if random eq <7>][goto ex7][endif]
[if random eq <8>][goto ex8][endif]
[if random eq <9>][goto ex9][endif]

>ex1<

His ability to protect the US from terrorism?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot1< [if random eq <2> goto prop2]

>ex2<

He shared your values?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @

SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot2< [if random eq <3> goto prop2]

>ex3<

His ability to manage the economy and create jobs?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot3< [if random eq <4> goto prop2]

>ex4<

His policy on healthcare?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot4< [if random eq <5> goto prop2]

>ex5<

His policy on social security and medicare?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot5< [if random eq <6> goto prop2]

>ex6<

His leadership qualities?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot6< [if random eq <7> goto prop2]

>ex7<

His environmental policy?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot7< [if random eq <8> goto prop2]

>ex8<

His ability to deal with the situation in Iraq?

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot8< [if random eq <9> goto prop2]

>ex9<

His position on moral issues.

(Was this very important, somewhat important, or not important in your decision to vote for [fill candidate])?

VERY IMPORTANT.....1 @
SOMEWHAT IMPORTANT.....3
NOT IMPORTANT.....5

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

[@] <1> VERY IMPORTANT <3> SOMEWHAT IMPORTANT <5> NOT IMPORTANT
<8> DO NOT KNOW[missing] <9> REFUSED

>rot9< [if random ge <2> goto ex1]

>prop2<

In the November election, Michigan voters were asked to vote on Proposal 2, which amended the state constitution to specify what can be recognized as a marriage or a similiar union.

Proposal 2 stated that the union of one man and one woman in marriage shall be the only agreement recognized as a marriage or similar union for any purpose.

Did you vote in favor or against Proposal 2?

VOTED IN FAVOR PROPOSAL 2.....1 @
VOTED AGAINST PROPOSAL 2.....5

DO NOT KNOW/RECALL.....8
REFUSED.....9

[@]<1> VOTED IN FAVOR PROPOSAL 2 <5> VOTED AGAINST PROPOSAL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>cs1< [#settime bdsstop][#settime sstart]

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

Have you smoked at least 100 cigarettes in your entire life?

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

DO NOT KNOW.....8
REFUSED9

[@] <1> YES <5> NO [goto cs3a]
<8> DO NOT KNOW[goto cs3a] [missing] <9> REFUSED [missing][goto cs3a]

>cs2<

Do you currently smoke cigarettes every day, some days, or not at all?

EVERYDAY.....1 @
SOME DAYS3
NOT AT ALL.....5

DO NOT KNOW.....8
REFUSED9

[@] <1> EVERYDAY <3> SOME DAYS <5> NOT AT ALL
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>cs3a<

The next few questions are about cigarette advertising.

For these questions, please think about the kinds of cigarette ads that appeared in newspapers and magazines, on billboards, and in stores where cigarettes are sold.

Please tell me to what extent you agree or disagree with each of the following statements. The first is . . .

Cigarette ads encourage smokers to keep smoking their current brands.

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

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

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

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

>cs3b<

Cigarette ads cause some smokers to switch brands.

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

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

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

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

>cs3c<

Cigarette ads encourage minors to start smoking.

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

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

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

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

>cs3d<

Cigarette ads make it harder for smokers to quit smoking.

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

STRONGLY AGREE.....1 @
SOMEWHAT AGREE.....2
NEITHER AGREE/DISAGREE.....3
SOMEWHAT DISAGREE.....4

STRONGLY DISAGREE.....5

DO NOT KNOW.....8

REFUSED.....9

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

>cs3e<

Cigarette ads cause some smokers to smoke more.

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

STRONGLY AGREE.....1 @

SOMEWHAT AGREE.....2

NEITHER AGREE/DISAGREE.....3

SOMEWHAT DISAGREE.....4

STRONGLY DISAGREE.....5

DO NOT KNOW.....8

REFUSED.....9

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

>cs3f<

The Surgeon General's warnings in cigarette ads discourage smoking.

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

STRONGLY AGREE.....1 @

SOMEWHAT AGREE.....2

NEITHER AGREE/DISAGREE.....3

SOMEWHAT DISAGREE.....4

STRONGLY DISAGREE.....5

DO NOT KNOW.....8

REFUSED.....9

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

>I1< [#settime sstop][#settime healthstart]

Now, I have some questions about health insurance.

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

YES.....1 @

NO.....5

DO NOT KNOW.....8

REFUSED.....9

[@] <1> YES[goto I2] <5> NO
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>I1a<

At any time in the past 2 years, were you covered by the Medicaid program?

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

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

[@] <1> YES[goto I1b] <5> NO [goto E4]
<8> DO NOT KNOW [goto E4][missing] <9> REFUSED [missing][goto E4]

>I1b<

What is the main reason why you lost your Medicaid coverage?

NO LONGER ELIGIBLE DUE TO INCOME....1 @
STARTED WORKING.....2
STILL HAVE COVERAGE.....3
LOST DUE TO STATE BUDGET CUTS.....4
NO LONGER ELIGIBLE: OTHER REASONS...5

DO NOT KNOW.....98
REFUSED.....99

[@] <1> NO LONGER ELIGIBLE DUE TO INCOME <2> STARTED WORKING
<3> STILL HAVE COVERAGE[goto I2] <4> LOST DUE TO STATE BUDGET CUTS
0 OTHER: SPECIFY[#specify] <5> NO LONGER ELIGIBLE: OTHER REASONS
<98> DO NOT KNOW[missing] <99> REFUSED[missing]
[default goto E4]

>I2<

Does your [u]primary[n] or [u]main health[n] care coverage come from Medi[u]care[n], Medi[u]caid[n], another government health insurance program, from a plan provided through an employer or union, or from an individually purchased private insurance plan?

MEDICARE.....1 @
MEDICAID.....2
ANOTHER GOVERNMENT PROGRAM.....3 (champus)
PLAN PROVIDED THROUGH EMPLOYER.....4
INDIVIDUAL PURCHASED PLAN.....5

OTHER: SPECIFY.....0

DO NOT KNOW.....98
REFUSED.....99

[@] <1> MEDICARE[goto I2a] <2> MEDICAID[goto I2a]
<3> ANOTHER GOVERNMENT PROGRAM (CHAMPUS)[goto I2b]
<4> PLAN PROVIDED THROUGH EMPLOYER[goto I2b]
<5> INDIVIDUALLY PURCHASED PRIVATE INSURANCE PLAN[goto I2b]
<0> OTHER: SPECIFY [#specify]

<98> DO NOT KNOW[goto if2]
<99> REFUSED-NO ANSWER[goto if2]

>I2a<

Many people covered by Medicare or other government insurance programs also have supplementary insurance coverage, either private insurance or from the government through Medicaid.

Do you have supplemental insurance coverage?

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

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

[@] <1> YES <5> NO[goto if2]
<8> DO NOT KNOW[missing][goto if2] <9> REFUSED [missing][goto if2]

>I2aa<

Is it group insurance through a current or former employer or union,
individual supplemental insurance paid for by you or another
family member, medicaid or another government insurance, or something
else?

GROUP INSURANCE THROUGH EMPLOYER/UNION.....1 @
INDIVIDUAL SUPPLEMENTAL INSURANCE PAID ON OWN...2
MEDICAID, OR OTHER GOVERNMENT INSURANCE.....3

OTHER: SPECIFY.....0

DO NOT KNOW.....98
REFUSED.....99

[@] <1> GROUP INSURANCE THROUGH YOUR EMPLOYER OR UNION [goto I2c]
<2> INDIVIDUAL SUPPLEMENTAL INSURANCE PAID ONLY BY YOU/FAMILY[goto I2c]
<3> MEDICAID, OTHER GOVERNMENT[goto if2]

<98> DO NOT KNOW[goto if2]
<99> REFUSED[goto if2]

>I2b<

Many people covered by private insurance also have either Medi[u]care[n] or
Medi[u]caid[n].

Do you have either Medicare or Medicaid coverage in addition to your private
insurance coverage?

YES, MEDI[u]CARE[n].....1 @
YES, MEDI[u]CAID[n].....2
BOTH MEDICARE AND MEDICAID.....3
NO, NO OTHER INSURANCE.....4

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

[@] <1> YES, MEDICARE[goto I2c] <2> YES, MEDICAID[goto I2c]
<3> BOTH MEDICARE AND MEDICAID[goto I2c]
<4> NO, NO OTHER INSURANCE COVERAGE[goto I2c]
<8> DO NOT KNOW
<9> REFUSED

>I2c<

For how long have you been covered by your private insurance plan?

LESS THAN ONE YEAR.....0 @
YEARS1 - 90

DO NOT KNOW.....98
REFUSED.....99

[@] <0> LESS THAN 1 YEAR
<1-90> YEARS
<98> DO NOT KNOW [missing] <99> REFUSED [missing]

>ID2< [allow 5][loc 19/1][store csid in ID2]
>R2< [allow 1][preset <2>]

>I2d<

Do you have any health insurance coverage for special conditions, for example cancer insurance, prescription drug coverage, or nursing home insurance?

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

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

[@] <1> YES
<5> NO[goto if2]
<8> DO NOT KNOW[goto if2] <9> REFUSED[goto if2]

>I2e<

What kinds of special conditions are covered by this policy?

PRESCRIPTION DRUG COVERAGE....1
CANCER COVERAGE.....2 FIRST MENTION... @a
NURSING HOME COVERAGE.....3 SECOND MENTION...@b
HOSPITALIZATION.....4
VISION/EYE CARE/GLASSES.....5
SHORT/LONG TERM DISABILITY....6
DENTAL COVERAGE.....7
FULL COVERAGE/EVERYTHING.....8
CO-PAYS.....10
MISCELLANEOUS.....97

NO MORE MENTION.....90
DO NOT KNOW.....98
REFUSED.....99

[@a] 0 SPECIFY [#specify]
<1> PRESCRIPTION COVERAGE <2> CANCER COVERAGE <10> CO-PAYS
<3> NURSING HOME COVERAGE <4> HOSPITALIZATION <5> VISION CARE/EYES/GLASSES
<6> SHORT/LONG TERM DISABILITY <7> DENTAL COVERAGE <8> FULL COVERAGE/EVERYTHING
<9> CO-PAYS <97> MISCELLANEOUS
<98> DO NOT KNOW[goto if2] <99> DO NOT KNOW[goto if2]
[@b] 0 SPECIFY [#specify] <90> NO MORE MENTIONED [goto if2]
<1> PRESCRIPTION COVERAGE <2> CANCER COVERAGE
<3> NURSING HOME COVERAGE <4> HOSPITALIZATION <5> VISION CARE/EYES/GLASSES
<6> SHORT/LONG TERM DISABILITY <7> DENTAL COVERAGE <8> FULL COVERAGE/EVERYTHING
<9> CO-PAYS <97> MISCELLANEOUS
<98> DO NOT KNOW[goto if2] <99> DO NOT KNOW[goto if2]

>if2< [if I2 eq <1>][goto I7][endif]
[if I2b eq <1>][goto I7][endif]
[if I2b eq <3>][goto I7][endif]
[goto if1]

>I7<

Are you enrolled in a Medicare HMO (Health Maintenance Organization)?

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

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

[@] <1> YES <5> NO

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

>if1< [if I2 le <2>][if I2a le <2>][goto I3][endif][endif]
[if I2 ge <4>][if I2 lt <8>][goto I3][endif][endif]
[goto E4]

>I3<

What is the name of your private health plan or private health insurance company?

AETNA.....1 @
BLUE CROSS/BLUE SHEILD.....2
BLUE CARE NETWORK.....3
HEALTH ALLIANCE PLAN (HAP)...4

CODING SHEET5 - 40

OTHER: MISC.....90
DO NOT KNOW.....98
REFUSED.....99

[@] <1> AETNA <2> BLUE CROSS/BLUE SHEILD <3> BLUE CARE NETWORK
<4> HEALTH ALLIANCE PLAN OF MICHIGAN <5> OMNICARE 0 OTHER: SPECIFY[#specify]
<6> AFLAC <7> AMERICAN COMMUNITY <8> AMERICAN SECURITY <9> BANKERS LIFE
<10> CARE CHOICES <11> CAREMARK <12> CIGNA (SIGNA) <13> COMMUNITY BLUE
<14> CONNECT CARE <15> FORTRESS HEALTH CARE <16> GOLDEN RULE <17> HEALTH PLUS
<18> MESSA <19> MCARE <20> MUTUAL OF OMAHA <21> OMNICARE <22> PHP-PHYSICIANS
HEALTH PLAN
<23> PPO-GENERAL <24> PPOM-GENERAL <25> PREFERRED CHOICES <26> PRIORITY HEALTH
<27> PRUDENTIAL <28> STANDARD HEALTH AND LIFE <29> STATE FARM <30> UNITED HEALTH
CARE
<31> WELLNESS PLAN <32> WEYCO <33> ASR <34> NGS <35> HMO-GENERAL
<36> UNICARE <37> CONTINENTIAL HEALTH CARE <38> CONSECO <40> SELF-FUNDED
<41> FARM BUREAU <42> GREAT LAKES HEALTH <43> CHICKERING <44> MCCLAREN HEALTH
<45> GRAND VALLEY HEALTH CARE <46> MEGA <47> GMC
<90> MISCELLANEOUS OTHER
<98> DON'T KNOW [missing] <99> REFUSED [missing]

>I3a<

Is anyone else in your household besides yourself covered by this policy?

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

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

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

>I12<

When you or another family member chose this insurance plan, did you have a choice of more than one plan, or was this the only insurance plan offered?

CHOICE OF MORE THAN ONE PLAN.....1 @
ONLY INSURANCE PLAN OFFERED.....5

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

[@] <1> CHOICE OF MORE THAN ONE PLAN <5> ONLY INSURANCE PLAN OFFERED[goto I5]
<8> DO NOT KNOW[missing]

<9> REFUSED[missing][goto I5]

>I15<

When choosing this plan, how important was the overall cost of the plan for you, including premiums, co-payments, deductibles, and the need to pay for uncovered services in your decision to choose this plan?

Was this very important, somewhat important, not very important, or not important at all?

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

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

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

>I5<

Does your insurance coverage require you to choose a primary care physician?

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

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

[@]
<1> YES
<5> NO[goto I8]
<8> DO NOT KNOW[missing][goto I8]
<9> REFUSEDx
[missing][goto I8]

>I6<

Does your primary care physician or insurer have to approve any referrals to specialty physicians or hospitals before the insurance will cover care from a specialist or hospital?

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

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

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

>I8<

Does your insurance cover any of the cost (some or all) of prescription drugs?

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

DO NOT KNOW.....8

REFUSED.....9

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

>I17< [if I12 ge <5> goto E4]

Do you intend to switch to a different health plan when you next have an opportunity?

[yellow](IWER: DEPENDING ON THE R'S ANSWER, PLEASE PROBE WITH" Would you say definitely yes/no) or probably (yes/no). [n]

YES, DEFINITELY.....1 @
YES, PROBABLY.....2
NO, PROBABLY NOT.....3
NO, DEFINITELY NOT.....4

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

[@]<1> YES, DEFINITELY <2> YES, PROBABLY <3> NO, PROBABLY NOT
<4> NO DEFINITELY NOT
<8> DON'T KNOW[missing]
<9> REFUSED[missing]

>E4< [#settime healthstop][#settime estart]

The next few questions are about education and education funding.

Charter schools are independent [u]public[n] schools that are free from many of the regulations placed on traditional public schools. Charter schools can be organized by anyone, as long as they receive approval from a public sponsor such as a school district or a university.

Do you favor or oppose charter schools in Michigan?

FAVOR.....1 @
INDIFFERENT.....3
OPPOSE.....5

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

[@] <1> FAVOR <3> INDIFFERENT <5> OPPOSE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>sc1<

Funding for schools comes primarily from two sources, the state government in the form of per pupil funding, and local communities in the form of bonds which are approved by local communities and paid for through property taxes.

Currently things like school buildings, computer and science labs, and wiring to access the internet are funded primarily by local communities. These are considered [green]capital resources[n].

Do you think these capital resource expenditures should be funded mainly by local school districts or mainly by state government?

LOCAL SCHOOL DISTRICTS.....1 @
STATE GOVERNMENT.....2

BOTH EQUALLY (VOLUNTEERED).....3

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

[@] <1> LOCAL SCHOOL DISTRICTS <2> STATE GOVERNMENT <3> BOTH EQUALLY: VOLUNTEED
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>sc2<

Thinking about your local school district, how easy or difficult would it be for your school district to win voter approval to fund a major renovation by issuing school bonds?

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

[yellow]IWER: IF R STATES SOMETHING SUCH AS "WE ALREADY DID THAT" OR "WE DON'T NEED IT" OR "WE TURNED ONE DOWN". PROBE WITH: "That is useful to know, but in general, would you say very easy, somewhat easy, somewhat difficult or very difficult?[n]

VERY EASY.....1 @
SOMEWHAT EASY.....2
SOMEWHAT DIFFICULT.....3
VERY DIFFICULT.....4

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

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

>sc3<

Thinking about the school buildings, computer and science labs, and wiring for the internet in [green]your local school[n], would you say they are better than, worse than, or about the same as other similarly sized school districts in the state?

Would you say your is better than, worse than, or about the same as other similarly sized school districts in the state?

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

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

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

>CD1< [#settime estop][#settime demostart]

Finally, I have a few background questions. These are for statistical analysis purposes only.

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

[@]<1> MALE <5> FEMALE

>CD2< [define <d><998>][define <r><999>]
In what year were you born?

Year.....19 @

DON'T KNOW.....d
REFUSED.....r

[@] <00-86> <d,r>[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-[green]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?

(IWER: THE R CAN JUST TELL YOU IF THEY ARE WHITE, BLACK, ASIAN,
 ETC, AND YOU CAN JUST HIT ENTER AND IT WILL ENTER AN 'n' FOR NO
 INDICATE WHAT THE R SAYS BY TYPING A 'y'[n]

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

[@a]<y,n><d,r>[missing]
 [@b]<y,n><d,r>[missing]
 [@c]<y,n><d,r>[missing]
 [@d]<y,n><d,r>[missing]
 [@e]<y,n><d,r>[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 BAPTIST.....4
 ISLAMIC/MUSLIM.....2 METHODIST.....4
 JEWISH.....3 LUTHERAN.....4
 PROTESTANT.....4 EPISCOPALIAN.....4
 OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5

OTHER CHRISTIAN.....6

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]
<98> DO NOT KNOW [missing] <99> REFUSED[missing]

>CD6a<

How often do you participate in religious services or observances, aside from reading or praying on your own?

Would you say never, a few times a year such as on holidays, a least once a month, at least once per week, or more than once a week?

NEVER.....1 @
A FEW TIMES A YEAR; HOLIDAYS...2
A LEAST ONCE A MONTH.....3
AT LEAST ONCE PER WEEK.....4
MORE THAN ONCE A WEEK.....5

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

[@] <1> NEVER <2> A FEW TIMES A YEAR; HOLIDAY <3> A LEAST ONCE A MONTH
<4> AT LEAST ONCE PER WEEK <5> MORE THAN ONCE A WEEK
<8> DO NOT KNOW[missing] <9> 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

```

```
[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]

```

>vi2<

Are you registered to vote in Michigan?

```

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

```

```

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

```

```

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

```

>vi4<

Did you vote in the 2000 Presidential election, Bush vs. Gore.

```

    YES.....1 @
    NO .....3
    NO, NOT OLD ENOUGH.....5

```

```

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

```

```

[@] <1> YES <3> NO <5> NO, NOT OLD ENOUGH
    <8> DO NOT KNOW [missing] <9> REFUSED [missing]

```

>fp1<

How closely would you say you follow news about politics and government?

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

```

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

```

```

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

```

```

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

```

>interest<

How interested are you in politics?

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

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

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

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

REFUSED

>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
OTHER0 @

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] <8,9>[missing]

>CD10< [store adult in CD10][goto CD15]

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]

>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 <5> JOB, DID NOT WORK LAST WEEK <6> UNEMPLOYED
<7> RETIRED <8> SCHOOL FULL-TIME <9> HOMEMAKER <10> DISABLED
<98> DO NOT KNOW [missing] <99> REFUSED [missing]

>UN1< [if CD15 ge <6> goto UN2]
Are you [green]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 [green]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<
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 [green]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 [green]household's[n] total annual income from all sources (including your job), did your household receive \$30,000 or more in 2004?

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]

>incc<

    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]

>ince<

    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]

>incf<

    Was it more than $70,000?

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

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

```

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

```
>income< [allow 1]
```

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

```
>CD26<
```

How many [green]different[n] phone numbers does your household have [green]not including[n] cell phones or numbers that are only used by a computer or fax machine?

```
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
```

```
[yellow]FOR A DEFINITION OF COMMUNITY, HIT 'h'[n]
[@] <1> RURAL COMMUNITY <2> SMALL CITY, TOWN, VILLAGE <3> A SUBURB
<4> URBAN COMMUNITY <0>[#specify]
<98> DO NOT KNOW [missing] <99>[missing]
```

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

What is your zip code?

(IF R ASKS WHY: We want to know the general area in the State where people live so that we can compare information from residents in different areas of the state.)

```
Zip code.....48000-49999 @
```

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

```

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

>ID3< [allow 5][loc 20/1][store csid in ID3]
>R3< [allow 1][preset <3>]

>RI<
In a couple of months, we'd like to recontact some of the people we've
spoken with for a shorter interview.  Would you be willing to participate
again in a couple of months?

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

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

[if RI@a eq <1>]
So we'll know whom to ask for when we call back, could I get your first
name?
        R's first name..... @b

Do you have a number in addition to [fill AREA]-[fill PRFX]-[fill SUFX:0] where you
can be reached?

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

[endif]
[if RI@c eq <1>]
What is that number, starting with the area code?  @d
[endif]

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

[goto out]

        [@b] [allow 15]
        [@c] <1> YES <5>[goto out]
        [@d] [allow 10][input format <( ) - >]

>out<[#settime demostop]

        [#subtime cstart from cstop into coreq]
        [#subtime bdsstart from bdsstop into bds]
        [#subtime sstart from sstop into smoke]
        [#subtime healthstart from healthstop into health]
        [#subtime estart from estop into education]
        [#subtime demostart from demostop into demo]
        [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 36".

DATA LIST fixed file='q:\msusos36\productn\rdd\c-inst\rdd.dat' records=3

```
/1      ID1  1-5  (A)
        R1   6   (A)
        random 7          cnty  8-12      regn 13      (A)
        listed 14       (A)
        CC1 15          CC2 16          CC3 17          CC4 18
        CC5 19          CC6 20          PO2 21          PO1 22
        gt1 23          SEC4 24         CG2 25          CL1 26
        cl1flup 27      IR1 28          IR2 29          vote1 30
        vote2 31       ex1 47          ex2 48          ex3 49
        ex4 50          ex5 51          ex6 52          ex7 53
        ex8 54          ex9 55          prop2 56        cs1 57
        cs2 58          cs3a 59        cs3b 60        cs3c 61
        cs3d 62        cs3e 63        cs3f 64          I1 65
        I1a 66          I1b 67-68      I2 69-70        I2a 71
        I2aa 72-73     I2b 74          I2c 75-76
/2      I2d 7          I2e@a 8-9      I2e@b 10-11     I7 12
        I3 13-14      I3a 15          I12 16          I15 17
        I5 18          I6 19          I8 20           I17 21
        E4 22          sc1 23         sc2 24          sc3 25
        CD1 26         CD2 27-29      CD3 30-31       CD5a 32
        CD4a@a 33      CD4a@b 34      CD4a@c 35       CD4a@d 36
        CD4a@e 37      CD6 38-39     CD6a 40         CD7@a 41
        CD7@b 42      CD7@c 43      CD7@d 44       partyid 45
        P17@a 46      P17@b 47      P17@c 48       P17@d 49
        ideology 50    vi2 51         vi4 52          fp1 53
        interest 54    CD8 55         CD10 56-57     CD15 58-59
        UN1 60         UN2 61         UN3 62          inca 63
        incb 64        incg 65        incd 66         ince 67
        incf 68        incg 69        income 70       CD26 71
        X1 72-73      zipcode 74-78
/3      RI@a 7        contacts 34-35 (A)
        length 36-39 (A)
        idate 40-47 (A)
        iwer 48-50 (A)
        males 51-52 (A)
        females 53-54 (A)
```

VARIABLE LABELS

```
ID1      'Case ID'
random   'Random'
cnty     'County'
regn     'Region'
listed   'Type of Number'
CC1      'Past Financial'
CC2      'Future Financial'
CC3      'Current Financial'
CC4      'Inflation Rate'
CC5      'Unemployment'
CC6      'Business Conditions'
PO2      'Granholm Approval'
PO1      'Bush Approval'
gt1      'Trust Federal Government'
SEC4     'Terrorist Threat'
CG2      'US Responsibility'
CL1      'Civil Liberties'
cl1flup  'Civil Liberties - Follow-up'
IR1      'Iraq Invasion'
IR2      'Benefits/Costs War'
vote1    'Vote 2004 Election'
vote2    'Vote Candidate'
```

ex1	'Protect Terrorism'
ex2	'Values'
ex3	'Economy and Job Creation'
ex4	'Healthcare Policy'
ex5	'Social Security'
ex6	'Leadership Qualities'
ex7	'Environmental Policies'
ex8	'Ability Deal Iraq'
ex9	'Moral Issues'
prop2	'Vote Prop2'
cs1	'Smoke 100 Cigarettes'
cs2	'Current Smoking Status'
cs3a	'Ads Keep Smokers'
cs3b	'Ads Switch Brands'
cs3c	'Ads Encourage Minors'
cs3d	'Ads Harder to Quit'
cs3e	'Ads Encourage More Smoke'
cs3f	'Warnings Discourage Smoking'
I1	'Medical Insurance'
I1a	'Medicaid'
I1b	'Reason No Longer Medicaid'
I2	'Type of Health Insurance'
I2a	'Supplemental Insurance Coverage'
I2aa	'Source of Supplemental Insurance'
I2b	'Medicare/Medicaid'
I2c	'Length Coverage'
CASEID	'case identification number'
I2d	'Coverage - Special Conditions'
I2e@a	'Conditions Covered - 1st Mention'
I2e@b	'Conditions Covered - 2nd Mention'
I7	'Medicare HMO'
I3	'Name Private Plan'
I3a	'Others Covered'
I12	'Number Plans'
I15	'Importance of Cost'
I5	'Primary Care Physician'
I6	'Referrals'
I8	'Prescription Medicines'
I17	'Switch Different Plan'
E4	'Charter Schools'
sc1	'Funding for Capital Resources'
sc2	'Pass Funding'
sc3	'Condition Buildings'
CD1	'Sex'
CD2	'Year Born'
CD3	'Education'
CD5a	'Ethncity'
CD4a@a	'White'
CD4a@b	'African American or Black'
CD4a@c	'Hawaiian or other Pacific Islander'
CD4a@d	'Asian'
CD4a@e	'American Indian or Alaska Native'
CD6	'Religion'
CD6a	'Participate Religious Services'
CD7@a	'Political ID'
CD7@b	'Republican'
CD7@c	'Democrat'
CD7@d	'Independent'
partyid	'Party ID'
P17@a	'Political Ideology'
P17@b	'Conservative'
P17@c	'Liberal'
P17@d	'Middle'
ideology	'1 very conservative'
vi2	'Registered Voter'
vi4	'Vote 2000 Election'
fp1	'Follow Politics'
interest	'Interest Politics'
CD8	'Marital Status'
CD10	'Adults'

CD15 'Employment Status'
 UN1 'Union Member'
 UN2 'Past Union'
 UN3 'Union Family'
 inca '\$35,000 or More'
 incb 'Less Than \$20,000'
 incc 'Less than \$10,000'
 incd '\$60,000 or More'
 ince '\$40,000 or More'
 incf '\$50,000 or More'
 incg '\$70,000 or More'
 income 'Income'
 CD26 'Phone Lines'
 X1 'Community'
 zipcode 'Zip Code'
 RI@a 'Re-Interview'
 contacts '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' 5 'ABOUT THE SAME' 3 'WORSE THAN'
 8 'DO NOT KNOW' 9 'REFUSED'/
 CC6 1 'GOOD TIMES' 3 'BAD TIMES' 5 'NEITHER' 8 'DO NOT KNOW'
 9 'REFUSED'/
 PO2 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
 9 'REFUSED'/
 PO1 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
 9 'REFUSED'/
 gt1 1 'JUST ABOUT ALWAYS' 2 'MOST OF THE TIME' 3 'SOME OF THE TIME'
 4 'NONE OF THE TIME' 8 'DO NOT KNOW' 9 'REFUSED'/
 SEC4 1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
 3 'NOT VERY CONCERNED' 4 'NOT CONCERNED AT ALL' 8 'DON'T KNOW'
 9 'REFUSED'/
 CG2 1 'A LOT' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL' 8 'DON'T KNOW'
 9 'REFUSED'/
 CL1 1 'NECESSARY GIVE UP CIVIL LIBERTIES' 5 'PRESERVE FREEDOMS'
 7 'DEPENDS/NEITHER' 8 'DO NOT KNOW' 9 'REFUSED'/
 cl1flup 1 'NECESSARY GIVE UP CIVIL LIBERTIES' 5 'PRESERVE FREEDOMS'
 7 'DEPENDS/NEITHER' 8 'DO NOT KNOW' 9 'REFUSED'/
 IR1 1 'JUSTIFIED' 5 'NOT JUSTIFIED' 8 'DO NOT KNOW' 9 'REFUSED'/
 IR2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 votel 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 vote2 1 'GEORGE BUSH' 3 'JOHN KERRY' 5 'RALPH NADER' 0 'SOMEONE ELSE'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex1 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex2 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex3 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex4 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex5 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'

8 'DO NOT KNOW' 9 'REFUSED'/
 ex6 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex7 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex8 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 ex9 1 'VERY IMPORTANT' 3 'SOMEWHAT IMPORTANT' 5 'NOT IMPORTANT'
 8 'DO NOT KNOW' 9 'REFUSED'/
 prop2 1 'VOTED IN FAVOR PROPOSAL 2' 5 'VOTED AGAINST PROPOSAL'
 8 'DO NOT KNOW' 9 'REFUSED'/
 cs1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 cs2 1 'EVERYDAY' 3 'SOME DAYS' 5 'NOT AT ALL' 8 'DO NOT KNOW'
 9 'REFUSED'/
 cs3a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
 cs3b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
 cs3c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
 cs3d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
 cs3e 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
 cs3f 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE'
 3 'NEITHER AGREE/DISAGREE' 4 'SOMEWHAT DISAGREE'
 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED'/
 I1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 I1a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 I1b 1 'NO LONGER ELIGIBLE DUE TO INCOME' 2 'STARTED WORKING'
 3 'STILL HAVE COVERAGE' 4 'LOST DUE TO STATE BUDGET CUTS'
 5 'NO LONGER ELIGIBLE: OTHER REASONS' 98 'DO NOT KNOW'
 99 'REFUSED'/
 I2 1 'MEDICARE' 2 'MEDICAID'
 3 'ANOTHER GOVERNMENT PROGRAM (CHAMPUS)'
 4 'PLAN PROVIDED THROUGH EMPLOYER'
 5 'INDIVIDUALLY PURCHASED PRIVATE INSURANCE PLAN'
 0 'OTHER: SPECIFY' 98 'DO NOT KNOW' 99 'REFUSED-NO ANSWER'/
 I2a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 I2aa 1 'GROUP INSURANCE THROUGH YOUR EMPLOYER OR UNION'
 2 'INDIVIDUAL SUPPLEMENTAL INSURANCE PAID ONLY BY YOU/FAMILY'
 3 'MEDICAID, OTHER GOVERNMENT' 98 'DO NOT KNOW' 99 'REFUSED'/
 I2b 1 'YES, MEDICARE' 2 'YES, MEDICAID'
 3 'BOTH MEDICARE AND MEDICAID'
 4 'NO, NO OTHER INSURANCE COVERAGE' 8 'DO NOT KNOW' 9 'REFUSED'/
 I2c 0 'LESS THAN 1 YEAR' 1 'YEARS' 90 'YEARS' 98 'DO NOT KNOW'
 99 'REFUSED'/
 I2d 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 I2e@a 1 'PRESCRIPTION COVERAGE' 2 'CANCER COVERAGE' 10 'CO-PAYS'
 3 'NURSING HOME COVERAGE' 4 'HOSPITALIZATION'
 5 'VISION CARE/EYES/GLASSES' 6 'SHORT/LONG TERM DISABILITY'
 7 'DENTAL COVERAGE' 8 'FULL COVERAGE/EVERYTHING' 9 'CO-PAYS'
 97 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'DO NOT KNOW'/
 I2e@b 90 'NO MORE MENTIONED' 1 'PRESCRIPTION COVERAGE'
 2 'CANCER COVERAGE' 3 'NURSING HOME COVERAGE'
 4 'HOSPITALIZATION' 5 'VISION CARE/EYES/GLASSES'
 6 'SHORT/LONG TERM DISABILITY' 7 'DENTAL COVERAGE'
 8 'FULL COVERAGE/EVERYTHING' 9 'CO-PAYS' 97 'MISCELLANEOUS'
 98 'DO NOT KNOW' 99 'DO NOT KNOW'/
 I7 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 I3 1 'AETNA' 2 'BLUE CROSS/BLUE SHEILD' 3 'BLUE CARE NETWORK'
 4 'HEALTH ALLIANCE PLAN OF MICHIGAN'
 5 'OMNICARE 0 OTHER: SPECIFY' 6 'AFLAC' 7 'AMERICAN COMMUNITY'
 8 'AMERICAN SECURITY' 9 'BANKERS LIFE' 10 'CARE CHOICES'
 11 'CAREMARK' 12 'CIGNA (SIGNA)' 13 'COMMUNITY BLUE'

14 'CONNECT CARE' 15 'FORTRESS HEALTH CARE' 16 'GOLDEN RULE'
17 'HEALTH PLUS' 18 'MESSA' 19 'MCARE' 20 'MUTUAL OF OMAHA'
21 'OMNICARE' 22 'PHP-PHYSICIANS HEALTH PLAN' 23 'PPO-GENERAL'
24 'PPOM-GENERAL' 25 'PREFERRED CHOICES' 26 'PRIORITY HEALTH'
27 'PRUDENTIAL' 28 'STANDARD HEALTH AND LIFE' 29 'STATE FARM'
30 'UNITED HEALTH CARE' 31 'WELLNESS PLAN' 32 'WEYCO' 33 'ASR'
34 'NGS' 35 'HMO-GENERAL' 36 'UNICARE'
37 'CONTINENTAL HEALTH CARE' 38 'CONSECO' 40 'SELF-FUNDED'
41 'FARM BUREAU' 42 'GREAT LAKES HEALTH' 43 'CHICKERING'
44 'MCCLAREN HEALTH' 45 'GRAND VALLEY HEALTH CARE' 46 'MEGA'
47 'GMC' 90 'MISCELLANEOUS OTHER' 98 'DON'T KNOW' 99 'REFUSED'//
I3a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'//
I12 1 'CHOICE OF MORE THAN ONE PLAN'
5 'ONLY INSURANCE PLAN OFFERED' 8 'DO NOT KNOW' 9 'REFUSED'//
I15 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT'
3 'NOT VERY IMPORTANT' 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW'
9 'REFUSED'//
I5 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'//
I6 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'//
I8 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'//
I17 1 'YES, DEFINITELY' 2 'YES, PROBABLY' 3 'NO, PROBABLY NOT'
4 'NO DEFINITELY NOT' 8 'DON'T KNOW' 9 'REFUSED'//
E4 1 'FAVOR' 3 'INDIFFERENT' 5 'OPPOSE' 8 'DO NOT KNOW'
9 'REFUSED'//
sc1 1 'LOCAL SCHOOL DISTRICTS' 2 'STATE GOVERNMENT'
3 'BOTH EQUALLY: VOLUNTEED' 8 'DO NOT KNOW' 9 'REFUSED'//
sc2 1 'VERY EASY' 2 'SOMEWHAT EASY' 3 'SOMEWHAT DIFFICULT'
4 'VERY DIFFICULT' 8 'DO NOT KNOW' 9 'REFUSED'//
sc3 1 'BETTER THAN' 3 'WORSE THAN' 5 'ABOUT THE SAME'
8 'DO NOT KNOW' 9 'REFUSED'//
CD1 1 'MALE' 5 'FEMALE'//
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' 8 'DO NOT KNOW'
9 'REFUSED'//
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'//
CD6 0 'NONE' 1 'CATHOLIC' 2 'ISLAMIC/MUSLIM' 3 'JEWISH'
4 'PROTESTANT' 5 'OTHER NON CHRISTIAN' 7 'OTHER CHRISTIAN'
98 'DO NOT KNOW' 99 'REFUSED'//
CD6a 1 'NEVER' 2 'A FEW TIMES A YEAR; HOLIDAY'
3 'A LEAST ONCE A MONTH' 4 'AT LEAST ONCE PER WEEK'
5 'MORE THAN ONCE A WEEK' 8 'DO NOT KNOW' 9 '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' 1 'strong republican' 2 'not strong rep'
3 'lean republican' 4 'neither' 5 'lean democrat'
6 'not strong dem' 7 'strong democrat' 8 'DO NOT KNOW'
9 'REFUSED'//
P17@a 1 'CONSERVATIVE' 4 'NEITHER' 7 'LIBERAL' 8 'DO NOT KNOW'
9 'REFUSED'//
P17@b 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE' 8 'DO NOT KNOW'
9 'REFUSED'//
P17@c 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DO NOT KNOW'
9 'REFUSED'//
P17@d 3 'CLOSER CONSERVATIVE' 4 'IN THE MIDDLE' 5 'CLOSER LIBERAL'
8 'DO NOT KNOW' 9 'REFUSED'//
ideology 1 'very conservative' 2 'somewhat conservative'

3 'lean conservative' 4 'middle' 5 'lean liberal'
 6 'somewhat liberal' 7 'very liberal' 0 'other' 8 'DO NOT KNOW'
 9 'REFUSED'/
 vi2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 vi4 1 'YES' 3 'NO' 5 'NO, NOT OLD ENOUGH' 8 'DO NOT KNOW'
 9 'REFUSED'/
 fp1 1 'VERY CLOSELY' 2 'SOMEWHAT CLOSELY' 3 'NOT VERY CLOSELY'
 4 'NOT AT ALL' 8 'DON'T KNOW' 9 'REFUSED'/
 interest 1 'VERY INTERESTED' 2 'SOMEWHAT INTERESTED'
 3 'NOT VERY INTERESTED' 4 'NOT INTERESTED AT ALL'
 8 'DO NOT KNOW' 9 'REFUSED'/
 CD8 1 'MARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'
 5 'MEMBER UNMARRIED COUPLE' 6 'SINGLE NEVER BEEN MARRIED'/
 CD10 1 'ADULTS' 98 'DO NOT KNOW' 99 'REFUSED'/
 CD15 1 'WORK FULL TIME' 2 'WORK PART TIME' 3 'WORK AND GO TO SCHOOL'
 4 'IN THE ARMED FORCES' 5 'JOB, DID NOT WORK LAST WEEK'
 6 'UNEMPLOYED' 7 'RETIRED' 8 'SCHOOL FULL-TIME' 9 'HOMEMAKER'
 10 'DISABLED' 98 'DO NOT KNOW' 99 'REFUSED'/
 UN1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 UN2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 UN3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 inca 1 'YES' 5 'NO' 8 'DO NOT KNOW'/
 incb 1 'YES' 5 'NO' 8 'DO NOT KNOW'/
 incc 1 'YES' 5 'NOT' 8 'DO NOT KNOW'/
 incd 1 'YES' 5 'NO' 8 'DO NOT KNOW'/
 ince 1 'YES' 5 'NO' 8 'DO NOT KNOW'/
 incf 1 'YES' 5 'NO' 8 'DO NOT KNOW'/
 incg 1 'YES' 5 'NO' 8 'DO NOT KNOW'/
 income 1 '\$10,000 or less' 2 '\$10,000-19,999' 3 '\$20,000-29,999'
 4 '\$30,000-39,999' 5 '\$40,000-49,999' 6 '\$50,000-59,999'
 7 '\$60,000-69,999' 8 '\$70,000 or more' 98 'DO NOT KNOW'
 99 'REFUSED'/
 CD26 1 'PHONE NUMBERS' 8 'DO NOT KNOW'/
 X1 1 'RURAL COMMUNITY' 2 'SMALL CITY, TOWN, VILLAGE' 3 'A SUBURB'
 4 'URBAN COMMUNITY' 98 'DO NOT KNOW'/
 zipcode 48000 'ZIP CODE' 49999 'ZIP CODE' 8 'DO NOT KNOW'/
 RI@a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
 .

COMMENT md1, md2, 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 PO2 (9, 8).
 MISSING VALUES PO1 (9, 8).
 MISSING VALUES gt1 (9, 8).
 MISSING VALUES SEC4 (9, 8).
 MISSING VALUES CG2 (9, 8).
 MISSING VALUES CL1 (9, 8).
 MISSING VALUES c11flup (9, 8).
 MISSING VALUES IR1 (9, 8).
 MISSING VALUES IR2 (9, 8).
 MISSING VALUES votel (9, 8).
 MISSING VALUES vote2 (9, 8).
 MISSING VALUES ex1 (9, 8).
 MISSING VALUES ex2 (9, 8).
 MISSING VALUES ex3 (9, 8).
 MISSING VALUES ex4 (9, 8).
 MISSING VALUES ex5 (9, 8).
 MISSING VALUES ex6 (9, 8).
 MISSING VALUES ex7 (9, 8).
 MISSING VALUES ex8 (9, 8).
 MISSING VALUES ex9 (9, 8).
 MISSING VALUES prop2 (9, 8).
 MISSING VALUES cs1 (9, 8).

MISSING VALUES cs2 (9, 8).
MISSING VALUES cs3a (9, 8).
MISSING VALUES cs3b (9, 8).
MISSING VALUES cs3c (9, 8).
MISSING VALUES cs3d (9, 8).
MISSING VALUES cs3e (9, 8).
MISSING VALUES cs3f (9, 8).
MISSING VALUES I1 (9, 8).
MISSING VALUES I1a (9, 8).
MISSING VALUES I1b (99, 98).
MISSING VALUES I2 (99, 98).
MISSING VALUES I2a (9, 8).
MISSING VALUES I2aa (99, 98).
MISSING VALUES I2b (9, 8).
MISSING VALUES I2c (99, 98).
MISSING VALUES I2d (9, 8).
MISSING VALUES I2e@a (99, 98).
MISSING VALUES I2e@b (99, 98).
MISSING VALUES I7 (9, 8).
MISSING VALUES I3 (99, 98).
MISSING VALUES I3a (9, 8).
MISSING VALUES I12 (9, 8).
MISSING VALUES I15 (9, 8).
MISSING VALUES I5 (9, 8).
MISSING VALUES I6 (9, 8).
MISSING VALUES I8 (9, 8).
MISSING VALUES I17 (9, 8).
MISSING VALUES E4 (9, 8).
MISSING VALUES sc1 (9, 8).
MISSING VALUES sc2 (9, 8).
MISSING VALUES sc3 (9, 8).
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 CD6 (99, 98).
MISSING VALUES CD6a (9, 8).
MISSING VALUES CD7@a (9, 8).
MISSING VALUES CD7@b (9, 8).
MISSING VALUES CD7@c (9, 8).
MISSING VALUES CD7@d (9, 8).
MISSING VALUES partyid (9, 8).
MISSING VALUES P17@a (9, 8).
MISSING VALUES P17@b (9, 8).
MISSING VALUES P17@c (9, 8).
MISSING VALUES P17@d (9, 8).
MISSING VALUES ideology (9, 8).
MISSING VALUES vi2 (9, 8).
MISSING VALUES vi4 (9, 8).
MISSING VALUES fp1 (9, 8).
MISSING VALUES interest (9, 8).
MISSING VALUES CD8 (9, 8).
MISSING VALUES CD10 (99, 98).
MISSING VALUES CD15 (99, 98).
MISSING VALUES UN1 (9, 8).
MISSING VALUES UN2 (9, 8).
MISSING VALUES UN3 (9, 8).
MISSING VALUES inca (9, 8).
MISSING VALUES incb (9, 8).
MISSING VALUES 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 (99, 98).
MISSING VALUES CD26 (9, 8).
MISSING VALUES X1 (99, 98).

MISSING VALUES RI@a (9, 8).

15. WEIGHTING COMMANDS

RE-CONTACT SEGMENT

```
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'.

*recode regn (sysmis=99).
*if (regn=99 and id1 ge 70000)regn=7.
*if (regn=99 and newregn2=6)regn=newregn2.

if (regn ne newregn2)regn=newregn2.
compute listed=2.
freq var=regn listed35.

weight off.
compute listwt=1.
if (listed35=2)listwt=2.6075.
if (listed35=1 or listed35=3)listwt=0.7508.
weight by listwt.
freq var=listed regn.

*weight off.
freq var=cd26.
missing values 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=1.0505*listwt.
if (cd26 eq 2)phwt=0.5253*listwt.
if (cd26 eq 3)phwt=0.3502*listwt.
if (cd26 eq 4)phwt=1*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
```

```
VARIABLES=cd26 cd10.

compute adults=cd10.
freq var=adults.

missing values cd10 ().

recode cd10 (sysmis=1).

compute adults=cd10.
* This adjusts weight by number of adults in the household.
compute adlwt=phwt.
if (adults=1)adlwt=phwt*0.5256.
if (adults=2)adlwt=phwt*1.0511.
if (adults=3)adlwt=phwt*1.5767.
if (adults=4)adlwt=phwt*2.1023.
if (adults=5)adlwt=phwt*1.
if (adults=6)adlwt=phwt*1.
if (adults=7)adlwt=phwt*1.
if (adults=8)adlwt=phwt*1.
if (adults=9)adlwt=phwt*1.
if (adults=10)adlwt=phwt*1.
*if (adults=98 or adults=99) adlwt=phwt*.5386.
weight by adlwt.
freq var=adults.

FREQUENCIES
  VARIABLES=cd1 cd2.

compute age=0.
if (cd2 lt 87)age=104-cd2.
if (cd2 ge 87 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 998)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.
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=agecat.
freq var=reg.

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 rac3 (1=1) (2=2) (3,4,5=3) into rac3.
```

```
value labels races 1 'white' 2 'black' 3 'hawaiian, PI'  
 4 'asian' 5 'indian'/rac3 1 'white' 2 'black' 3 'other'.  
missing values rac3 ().  
compute imprace=rac3.  
if (imprace=0 and regn=7)imprace=2.  
if (imprace=0 and regn lt 7)imprace=1.  
freq var=imprace.  
*weight off.  
  
freq var=listed.  
compute adj1=adltwt* 1.00.  
weight by adj1.  
compute ovrsamwt=10*adj1.  
weight by ovrsamwt.  
  
CROSSTABS  
  /TABLES=cd1 by imprace BY regn  
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES  
  /CELLS= COUNT.  
  
* This weights cases by gender, imprace and region.  
compute racgenct=ovrsamwt.  
if (imprace eq 1 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*0.7433.  
if (imprace eq 2 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.  
if (imprace eq 1 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.4306.  
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.5048.  
  
if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.2240.  
if (imprace eq 2 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.4369.  
if (imprace eq 1 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*0.8436.  
if (imprace eq 2 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.  
  
if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.8534.  
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*3.9662.  
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.2089.  
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.3141.  
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.5949.  
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.6210.  
  
if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.6578.  
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.  
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*1.5560.  
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.  
  
if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.6397.  
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.  
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.4181.  
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.  
  
if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.7280.  
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.  
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.  
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.1769.  
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*2.4513.  
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.  
  
if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.4584.
```

```
if (imprace eq 2 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*3.7748.  
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*0.2127.  
if (imprace eq 2 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*1.2032.  
if (imprace eq 3 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*1.
```

```
compute racgenct=racgenct*1.049296.  
weight by racgenct.  
weight off.
```

```
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*2.2049.  
if (agecat eq 2 and regn eq 1) agewt=racgenct*1.  
if (agecat eq 3 and regn eq 1) agewt=racgenct*2.5759.  
if (agecat eq 4 and regn eq 1) agewt=racgenct*0.8621.  
if (agecat eq 5 and regn eq 1) agewt=racgenct*0.3366.  
if (agecat eq 6 and regn eq 1) agewt=racgenct*2.1901.  
if (agecat eq 7 and regn eq 1) agewt=racgenct*1.3664.
```

```
if (agecat eq 1 and regn eq 2) agewt=racgenct*1.  
if (agecat eq 2 and regn eq 2) agewt=racgenct*3.1141.  
if (agecat eq 3 and regn eq 2) agewt=racgenct*1.6940.  
if (agecat eq 4 and regn eq 2) agewt=racgenct*0.5920.  
if (agecat eq 5 and regn eq 2) agewt=racgenct*0.8588.  
if (agecat eq 6 and regn eq 2) agewt=racgenct*0.5389.  
if (agecat eq 7 and regn eq 2) agewt=racgenct*1.0906.
```

```
if (agecat eq 1 and regn eq 3) agewt=racgenct*3.5892.  
if (agecat eq 2 and regn eq 3) agewt=racgenct*4.2304.  
if (agecat eq 3 and regn eq 3) agewt=racgenct*1.0358.  
if (agecat eq 4 and regn eq 3) agewt=racgenct*1.2711.  
if (agecat eq 5 and regn eq 3) agewt=racgenct*0.6274.  
if (agecat eq 6 and regn eq 3) agewt=racgenct*0.4808.  
if (agecat eq 7 and regn eq 3) agewt=racgenct*0.7195.
```

```
if (agecat eq 1 and regn eq 4) agewt=racgenct*8.1131.  
if (agecat eq 2 and regn eq 4) agewt=racgenct*0.6632.  
if (agecat eq 3 and regn eq 4) agewt=racgenct*0.9502.  
if (agecat eq 4 and regn eq 4) agewt=racgenct*1.5655.  
if (agecat eq 5 and regn eq 4) agewt=racgenct*0.6981.  
if (agecat eq 6 and regn eq 4) agewt=racgenct*1.2067.  
if (agecat eq 7 and regn eq 4) agewt=racgenct*0.6879.
```

```
if (agecat eq 1 and regn eq 5) agewt=racgenct*2.5046.  
if (agecat eq 2 and regn eq 5) agewt=racgenct*2.6527.  
if (agecat eq 3 and regn eq 5) agewt=racgenct*1.4064.  
if (agecat eq 4 and regn eq 5) agewt=racgenct*0.7386.  
if (agecat eq 5 and regn eq 5) agewt=racgenct*0.8494.  
if (agecat eq 6 and regn eq 5) agewt=racgenct*0.3488.  
if (agecat eq 7 and regn eq 5) agewt=racgenct*0.9646.
```

```
if (agecat eq 1 and regn eq 6) agewt=racgenct*8.1147.  
if (agecat eq 2 and regn eq 6) agewt=racgenct*1.9663.  
if (agecat eq 3 and regn eq 6) agewt=racgenct*1.3111.  
if (agecat eq 4 and regn eq 6) agewt=racgenct*0.6446.  
if (agecat eq 5 and regn eq 6) agewt=racgenct*0.5068.  
if (agecat eq 6 and regn eq 6) agewt=racgenct*1.
```



```
if (agecat eq 7 and regn eq 6)agewt=racgenct*1.2244.

if (agecat eq 1 and regn eq 7)agewt=racgenct*2.6335.
if (agecat eq 2 and regn eq 7)agewt=racgenct*1.
if (agecat eq 3 and regn eq 7)agewt=racgenct*2.6829.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.0834.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.2706.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.7785.
if (agecat eq 7 and regn eq 7)agewt=racgenct*1.4939.
weight by agewt.
compute roundwt=agewt*10.
weight by roundwt.
freq var=regn.
weight off.
freq var=regn.

compute adjwt=agewt.
*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*1.28079.
if (regn=2)adjwt=agewt*1.35593.
if (regn=3)adjwt=agewt*1.00870.
if (regn=4)adjwt=agewt*0.96189.
if (regn=5)adjwt=agewt*0.93291.
if (regn=6)adjwt=agewt*0.90278.
if (regn=7)adjwt=agewt*1.13139.
weight by adjwt.
freq var=regn.

weight off.

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*0.3616.
if (regn=6)msuewt=adjwt*1.5075.
weight by msuewt.
freq var=msueregn.

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

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.3851.
if (msueregn eq 2)statewt=msuewt*0.4227.
if (msueregn eq 3)statewt=msuewt*0.7312.
if (msueregn eq 4)statewt=msuewt*0.4876.
if (msueregn eq 5)statewt=msuewt*0.8040.
if (msueregn eq 6)statewt=msuewt*2.3117.
*compute statewt=statewt*1.001.
weight by statewt.
freq var=regn msueregn.

freq var=cd1 cd3 cd5a rac3 cd8 cd10 cd15 income agecat.

compute sample=1.
value labels sample 1 'S35 re-interviews' 2 'S36 fresh RDD'.
freq var=sample.
```

*****.

* 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.

```
missing values inca (.).
compute newinc=0.
if (inca=8)newinc=9.
if (inca=9)newinc=0.
if (inca=1)newinc=4.
if (inca=5)newinc=3.
if (incb=1)newinc=2.
if (incc=1)newinc=1.
if (incd=1)newinc=7.
if (ince=1)newinc=5.
if (ince=5)newinc=4.
if (incf=1)newinc=6.
if (incf=5)newinc=5.
if (incg=1)newinc=8.
if (newinc=8 and incd=5)newinc=6.
missing values income newinc (.).
value labels 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'.
missing values newinc (0,9).
recode income (-9=sysmis).
```

```
missing values newinc income (0,9).
freq var=newinc.
compute income=newinc.
*****.
freq var=length.
```

```
var labels
  newregn2 'Alternate coding of cases into regions based on FIPS' /
  listwt 'Weight adjustment for listed vs nonlisted numbers' /
  phwt 'Weight adjustment for number of phone lines to HHLd' /
  adltwt 'Weight adjustment for number adults in HHLd' /
  age 'Rs age calculated from year born (CD2)' /
  agecat 'Rs age in categories' /
  rac3 'Rs race in 3 categories and missing' /
  mult2 'Number racial groups R claims' /
  races 'Rs race in 6 categories' /
  imprace 'Rs race in 3 categories with imputation if missing' /
  adj1 'interim weight adjustment' /
  ovrsmwt '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' /
  msuereg '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'.
```

* SAVE the FILE, MERGE WITH FILE OF NEW CASES FOR THIS ROUND OF SOSS
 AND THEN WEIGHT BETWEEN FILES AND WRITE OUT THE DATA SET FOR THE CODEBOOK.

New RDD Segment

```
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'.

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

weight off.
compute listwt=1.
if (listed=2)listwt=3.2880.
if (listed=1 or listed=3)listwt=0.72746.
weight by listwt.
freq var=listed regn.

*weight off.
freq var=cd26.
missing values 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=1.0683*listwt.
if (cd26 eq 2)phwt=0.5342*listwt.

if (cd26 eq 3)phwt=0.3561*listwt.
if (cd26 eq 4)phwt=0.2671*listwt.
if (cd26 eq 5)phwt=0.2137*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
    VARIABLES=cd26 cd10.

missing values cd10 ().

recode cd10 (sysmis=1).

* This adjusts weight by number of adults in the household.
compute adlwt=phwt.
```

```
if (cd10=1)adltwt=phwt*0.5503.
if (cd10=2)adltwt=phwt*1.1007.
if (cd10=3)adltwt=phwt*1.6510.
if (cd10=4)adltwt=phwt*2.2013.
if (cd10=5)adltwt=phwt*2.7517.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*0.5503.
if (cd10=10)adltwt=phwt*1.
*if (cd10=98 or adults=99) adltwt=phwt*.5386.
weight by adltwt.
freq var=cd10.
```

FREQUENCIES

```
VARIABLES=cd1 cd2.

compute age=0.
if (cd2 lt 87)age=104-cd2.
if (cd2 ge 87 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 998)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.
missing values age (0)/agecat (9).
value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.
freq var=age.
freq var=agecat.
freq var=regn.
```

```
compute rac3=0.
compute multrace=0.
count mult2=cd4a@a to cd4a@e(1).
if (mult2=0 and cd5a=1)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 rac3 (1=1)(2=2)(3,4,5=3) into rac3.
value labels rac3 1 'white' 2 'black' 3 'hawaiian, PI'
4 'asian' 5 'indian'/rac3 1 'white' 2 'black' 3 'other'.
missing values rac3 ().
compute imprace=rac3.
if (imprace=0 and regn=7)imprace=2.
if (imprace=0 and regn lt 7)imprace=1.
freq var=imprace.
weight off.
```

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

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

weight by roundwt.

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

* This weights cases by gender, imprace and region.
compute racgenct=ovrsamwt.

```
if (imprace eq 1 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*0.7111.
if (imprace eq 2 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*0.1742.
if (imprace eq 1 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*2.1838.
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.3210.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.5635.
if (imprace eq 2 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.3641.
if (imprace eq 1 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*3.6523.
if (imprace eq 2 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.6153.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.3184.
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.8602.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*3.8140.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.2268.

if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.6241.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.4584.
if (imprace eq 3 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.5865.
if (imprace eq 1 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*2.3256.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.4285.

if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.6947.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.3743.
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.2017.
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*2.9104.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.7527.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*3.7420.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.5769.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.8553.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.9984.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*2.7655.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*2.8162.
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.0206.

if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.5905.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.6304.
if (imprace eq 3 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*2.0407.
if (imprace eq 1 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*2.5232.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*1.8654.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*2.0067.
```

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*6.1044.
if (agecat eq 2 and regn eq 1) agewt=racgenct*6.2710.
if (agecat eq 3 and regn eq 1) agewt=racgenct*2.0945.
if (agecat eq 4 and regn eq 1) agewt=racgenct*2.8089.
if (agecat eq 5 and regn eq 1) agewt=racgenct*0.3146.
if (agecat eq 6 and regn eq 1) agewt=racgenct*0.7632.
if (agecat eq 7 and regn eq 1) agewt=racgenct*0.8603.

if (agecat eq 1 and regn eq 2) agewt=racgenct*4.4188.
if (agecat eq 2 and regn eq 2) agewt=racgenct*1.7187.
if (agecat eq 3 and regn eq 2) agewt=racgenct*2.4367.
if (agecat eq 4 and regn eq 2) agewt=racgenct*1.6037.
if (agecat eq 5 and regn eq 2) agewt=racgenct*0.7569.
if (agecat eq 6 and regn eq 2) agewt=racgenct*0.3385.
if (agecat eq 7 and regn eq 2) agewt=racgenct*0.6958.

if (agecat eq 1 and regn eq 3) agewt=racgenct*11.3328.
if (agecat eq 2 and regn eq 3) agewt=racgenct*3.1167.
if (agecat eq 3 and regn eq 3) agewt=racgenct*2.1302.
if (agecat eq 4 and regn eq 3) agewt=racgenct*0.8194.
if (agecat eq 5 and regn eq 3) agewt=racgenct*0.5391.
if (agecat eq 6 and regn eq 3) agewt=racgenct*0.6002.
if (agecat eq 7 and regn eq 3) agewt=racgenct*0.6909.

if (agecat eq 1 and regn eq 4) agewt=racgenct*7.1456.
if (agecat eq 2 and regn eq 4) agewt=racgenct*0.5947.
if (agecat eq 3 and regn eq 4) agewt=racgenct*0.7371.
if (agecat eq 4 and regn eq 4) agewt=racgenct*2.1822.
if (agecat eq 5 and regn eq 4) agewt=racgenct*0.7365.
if (agecat eq 6 and regn eq 4) agewt=racgenct*0.3894.
if (agecat eq 7 and regn eq 4) agewt=racgenct*1.2961.

if (agecat eq 1 and regn eq 5) agewt=racgenct*5.4770.
if (agecat eq 2 and regn eq 5) agewt=racgenct*0.5857.
if (agecat eq 3 and regn eq 5) agewt=racgenct*3.6421.
if (agecat eq 4 and regn eq 5) agewt=racgenct*1.0149.
if (agecat eq 5 and regn eq 5) agewt=racgenct*0.8479.
if (agecat eq 6 and regn eq 5) agewt=racgenct*0.7817.
if (agecat eq 7 and regn eq 5) agewt=racgenct*0.5018.

if (agecat eq 1 and regn eq 6) agewt=racgenct*3.4080.
if (agecat eq 2 and regn eq 6) agewt=racgenct*2.0798.
if (agecat eq 3 and regn eq 6) agewt=racgenct*2.1935.
if (agecat eq 4 and regn eq 6) agewt=racgenct*0.8914.
if (agecat eq 5 and regn eq 6) agewt=racgenct*0.7435.
if (agecat eq 6 and regn eq 6) agewt=racgenct*1.1477.
if (agecat eq 7 and regn eq 6) agewt=racgenct*0.4927.

if (agecat eq 1 and regn eq 7) agewt=racgenct*1.4339.
if (agecat eq 2 and regn eq 7) agewt=racgenct*5.7693.
if (agecat eq 3 and regn eq 7) agewt=racgenct*1.1662.
if (agecat eq 4 and regn eq 7) agewt=racgenct*2.1383.
if (agecat eq 5 and regn eq 7) agewt=racgenct*0.4000.
if (agecat eq 6 and regn eq 7) agewt=racgenct*0.6212.
if (agecat eq 7 and regn eq 7) agewt=racgenct*0.8301.
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*1.05839.
if (regn=2)adjwt=agewt*0.82616.
if (regn=3)adjwt=agewt*1.12460.
if (regn=4)adjwt=agewt*0.93076.
if (regn=5)adjwt=agewt*0.70251.
if (regn=6)adjwt=agewt*1.32680.
if (regn=7)adjwt=agewt*1.05082.
*compute adjwt=adjwt*1.001502.
weight by adjwt.
freq var=regn.

weight off.

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*0.3557.
if (regn=6)msuewt=adjwt*1.5276.
weight by msuewt.
freq var=msueregn cd1.

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.7728.
if (msueregn eq 2)statewt=msuewt*0.7884.
if (msueregn eq 3)statewt=msuewt*0.6829.
if (msueregn eq 4)statewt=msuewt*0.7055.
if (msueregn eq 5)statewt=msuewt*0.9365.
if (msueregn eq 6)statewt=msuewt*1.3365.
*compute statewt=statewt*0.9986.
weight by statewt.
freq var=regn msueregn.

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

compute sample=2.
value labels sample 1 'S35 re-interviews' 2 'S36 fresh RDD'.

*****.

* 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.

missing values inca ().
compute newinc=0.
if (inca=8)newinc=9.
if (inca=9)newinc=0.
if (inca=1)newinc=4.
```

```

if (inca=5)newinc=3.
if (incb=1)newinc=2.
if (incc=1)newinc=1.
if (incd=1)newinc=7.
if (ince=1)newinc=5.
if (incc=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 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'.
missing values newinc ().
recode income (-9=sysmis).

missing values newinc income (0,9).
freq var=newinc.
compute income=newinc.
*****.
freq var=length.
if (length lt 10)length=0.

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

if (cd1=1)statewt=statewt*0.84091.
if (cd1=5)statewt=statewt*1.21262.
weight by statewt.
freq var=cd1 imprace regn.

weight by msuewt.
freq var=cd1.
if (cd1=1)msuewt=msuewt*0.81664.
if (cd1=5)msuewt=msuewt*1.26277.
weight by msuewt.
freq var=cd1 imprace regn.

weight by adjwt.
freq var=cd1.
if (cd1=1)adjwt=adjwt*0.81803.
if (cd1=5)adjwt=adjwt*1.25971.
weight by adjwt.
freq var=cd1 imprace regn.

if (sample=1)listed=listed35.
freq var=listed.

compute adjwt=adjwt*10000.
compute msuewt=msuewt*10000.
compute statewt=statewt*10000.
*compute racewt=racewt*10000.

write Outfile='g:\soss36\combined_wt.dat'
  /1 ID1 1-5 (A)
      R1 6 (A)
      random 7 cnty 8-12 regn 13
      listed 14
      CC1 15 CC2 16 CC3 17 CC4 18
      CC5 19 CC6 20 PO2 21 PO1 22
      gt1 23 SEC4 24 CG2 25 CL1 26
      cl1flup 27 IR1 28 IR2 29 vote1 30
      vote2 31 ex1 47 ex2 48 ex3 49
      ex4 50 ex5 51 ex6 52 ex7 53

```



```

        ex8 54          ex9 55          prop2 56          cs1 57
        cs2 58          cs3a 59         cs3b 60          cs3c 61
        cs3d 62         cs3e 63         cs3f 64          I1 65
        I1a 66          I1b 67-68       I2 69-70         I2a 71
/2      I2aa 72-73      I2b 74          I2c 75-76
        I2d 7           I2e@a 8-9       I2e@b 10-11     I7 12
        I3 13-14        I3a 15          I12 16           I15 17
        I5 18            I6 19           I8 20            I17 21
        E4 22            sc1 23          sc2 24           sc3 25
        CD1 26           CD2 27-29       CD3 30-31        CD5a 32
        CD4a@a 33        CD4a@b 34       CD4a@c 35        CD4a@d 36
        CD4a@e 37        CD6 38-39       CD6a 40          CD7@a 41
        CD7@b 42         CD7@c 43        CD7@d 44         partyid 45
        P17@a 46         P17@b 47        P17@c 48         P17@d 49
        ideology 50      vi2 51          vi4 52           fp1 53
        interest 54      CD8 55          CD10 56-57       CD15 58-59
        UN1 60           UN2 61          UN3 62           inca 63
        incb 64          incc 65         incd 66          ince 67
        incf 68          incg 69         income 70        CD26 71
/3      X1 72-73        zipcode 74-78
        RI@a 7           contacts 34-35
        length 36-39
        idate 40-47 (A)
        iwer 48-50
        males 51-52
        females 53-54
        races 56 mult2 57 AGECAT 58 ADJWT 59-64
        MSUEREGRN 65 MSUEWT 66-72
        STATEWT 74-79 rac3 81 AGE 82-83 imprace 84 newinc 85 sample 86.
execute .

```

```

compute adjwt=adjwt/10000.
compute msuewt=msuewt/10000.
compute statewt=statewt/10000.
*compute racewt=racewt/10000.
freq var=reg.

```

```

compute roundwt=statewt*10.
weight by roundwt.
freq var=reg.
compute statewt=statewt*.99938.

```

```

weight by statewt.
freq var=reg.
weight off.
freq var=reg.

```

```

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'//
races 'Rs race in 6 categories'//
imprace 'Rs race in 3 categories with imputation if missing'//
adj1 'interim weight adjustment'//
ovrsamwt 'interim weight adjustment'//
racgenct 'Sex x Race x Region weight adjustment'//
agewt 'Age x Region weight adjustment'//
adjwt 'Adjustment to correct rounding errors within region'//
msueregn 'MSU Extension Regions (Detroit in Reg. 6)'/
msuewt 'Weight to fold Detroit into Region 6'//

```

```
statewt 'Final weight for statewide analysis'/  
newinc 'Alternate gathering of income responses'.
```