METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-32]

Fall 2003 Round

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NOTE TO THE READER

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

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

Dr. Jack H. Knott, former Director of the Institute for Public Policy and Social Research [IPPSR], made the Michigan State University State of the State survey [MSU SOSS] a reality by promoting the idea throughout the University and convincing the key sponsors to contribute funds to get the survey off the ground. With funding assured for the first year, planning began in June 1994. After completing 19 rounds of SOSS, there was a brief period of inactivity between the Fall of 1999 and the Winter of 2001 when, for budgetary reasons, no rounds of SOSS were conducted. However, with the appointment of Dr. Carol Weissert as the 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 extend 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 32 was budgetary preferences to deal with the state's fiscal crisis, how colleges and universities should address funding cutbacks, volunteering and charitable giving, and health care coverage.

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 <u>Working Group</u> for the Summer 2003 survey was comprised of:

Dr. Douglas Roberts, Director, IPPSR, MSU

Dr. Brian D. Silver, Dept. of Political Science, MSU

Dr. Mark Wilson Dept. of Geography, MSU

Ms. Debra Darling, Institute for Health Care Studies, MSU

Dr. Denise Holmes, Institute for Health Care Studies, MSU

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2003 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 News Bureau.

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. Respondents' households were selected using list-assisted random-digit dial sampling procedures. 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-30, a total of 4,945 phone numbers were used. The working phone rate was 76.4%.

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 stratification 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.

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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 MSUEREGN was constructed to fold Detroit proportionately into the Southeast region within that variable. A new weighting variable (MSUEWT) was constructed to represent Detroit proportionately correctly within the southeast MSUEREGN.

Since the sample was drawn disproportionately across 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 <u>and</u> 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.

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

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

      where n is the number of cases within the region or the total sample and P is the proportion of cases giving a particular response and Q is 1-P. While this may vary from question to question depending on the pattern of answers, the largest margin 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:

REGION	Number of Cases	Margin of Sampling Error
Upper Peninsula	46	$\pm$ 14.6%
Northern Lower Peninsula	103	$\pm$ 9.7%
West Central	205	$\pm$ 6.9%
East Central	161	$\pm$ 7.7%
Southwest	161	$\pm$ 7.7%
Southeast	191	$\pm$ 7.1%
Detroit	123	$\pm$ 8.9%
Statewide Total	990	$\pm$ 3.1%

8. FIELD PROCEDURES

      CATI System. Interviews were conducted using the Computer Assisted Telephone Interviewing system (CATI) of IPPSR's Office for Survey Research (OSR). OSR uses the CASES (version 4.3) 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 65 different interviewers were involved in data collection on the 31th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on October 27, 2003, and continued through the December 2, 2003.

When interviewers successfully contacted a household, the study procedures required them to randomly select an adult from among those residing in the household to be the respondent. The Trohldahl-Carter technique was used as the mechanism for choosing a respondent within each household.

Telephone numbers were called across times of the day and days of the week. If after a minimum of six 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 one or two additional tries. In the case contact was established, the number would continue to be tried until the interview was completed, the interview was refused, or the case was determined to be ineligible or incapable.

The average interview lasted approximately 16.8 minutes (standard deviation= 4.2).

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 990 interviews were completed (including 3 partial completed interviews that were sufficiently nearly complete to include). The overall completion rate among eligible households for the study was 41.6%.[1]

Of those completing the interview, the mean number of calls required was 4.8 (s.d. = 4.08) and the median number of phone calls required was 3. Interviewers made a total of 37,757 calls to complete the 990 interviews.

The refusal rate was 21.6%.

9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

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

10. DATA FORMAT AND ARCHIVING

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[1]   This is based on computation and classification coding developed by the advisory team for SOSS. Since then, the American Association of Public Opinion Research has published Standard Definitions as a guide to developing more nearly standard formulas for computing response rates, cooperation rates, refusal rates, and contact rates. Using AAPOR's formula RR4, the response rate for SOSS-32 was 33.02%, the refusal rate (REF2) was 33.6%, the cooperation rate was 49.5%, and the contact rate was 91.1%.

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

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 32, SUMMER, 2003 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 (Fall, 2003)

>CONSENT< [loc 0/550]

 Before we begin let me tell you that this interview is completely 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 don't
 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>

>core< [allow 4][copy core in core]
>corestart< [allow 4]
>corestop< [allow 4][copy nonp in nonp]
>nonp<[allow 4]
>nonpstart<[allow 4]
>nonpstop< [allow 4]
>budget< [allow 4] [copy budget in budget]
>budgetstart< [allow 4]
>budgetstop< [allow 4]
>educ< [allow 4] [copy educ in educ]
>educstart< [allow 4]
>educstop< [allow 4]
>health< [allow 4] [copy health in health]
>healthstart< [allow 4]
>healthstop< [allow 4]
>demo< [allow 4][copy demo in demo]
>demostart< [allow 4]
>demostop< [allow 4]

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

>letter< [allow 1][#inputloc 1/139] 0 no letter/unlisted
         [copy letter in letter]
                                     1 generic letter
                                     2 enhanced letter
                                     3 enhanced letter w/ insert

>listed< [allow 1][#inputloc 1/141] 1=listed 2=unlisted
         [copy listed in listed]

>CC1< [#settime corestart]
    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 DOWN ............................3
            STAY ABOUT THE SAME.................5 @

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

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

>CC5<
    [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]


>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

>SEC4<
  All in all, how concerned are you that the United States might suffer
  another terrorist attack in the next 3 months?

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

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

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

>PO2<
 How would you rate the way Jennifer Granholm is performing her job as
 Michigan's governor?

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

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

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

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


>B11<
  How would you rate the public colleges and universities in Michigan
  generally?

  (Would you say they are generally excellent, good, fair, or poor?)

  [yellow]IWER:  Examples of public colleges and universities: U of M,
  MSU, Wayne State, Western Michigan, Central Michigan[n].

            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



>B1b< [#settime corestop][#settime budgetstart][if RAND ge <49> goto fund][define
<m><1>][define <r><2>][define <s><3>][define <c><4>][define <p><5>]
 As you may know, because of the slow economy, the state budget in Michigan
 is in deficit.

 Of all the things that the state could do to address the budget deficit,
 which [green]one[n] of the following should the state government do [green]first[n]?

 [if RAND le <20>]
 Reduce Medicaid spending, which is health care for low income or needy
 people, reduce revenue sharing to local governments, which is money given to
 local governments to support police and fire protection, street and road
 maintenance, and other administration, reduce aid to local schools, reduce
 aid to colleges and universities, or reduce prison spending by releasing
 prisoners early?
                      REDUCE MEDICAID ......................m
                      REDUCE STATE REVENUE SHARING...........r
                      REDUCE AID TO SCHOOLS..................s
                      REDUCE AID TO COLLEGES.................c
                      CUT PRISON SPENDING....................p

 [endif]
 [if RAND ge <21> and RAND le <40>]
 Reduce revenue sharing to local governments, which is money given to
 local governments to support police and fire protection, street and road
 maintenance, and other administration, reduce aid to local schools, reduce
 aid to colleges and universities, reduce prison spending by releasing
 prisoners early or reduce Medicaid spending, which is health care for low
 income or needy people?

                      REDUCE STATE REVENUE SHARING...........r
                      REDUCE AID TO SCHOOLS..................s
                      REDUCE AID TO COLLEGES.................c
                      CUT PRISON SPENDING....................p
                      REDUCE MEDICAID ......................m

 [endif]
 [if RAND ge <41> and RAND le <60>]
 Reduce aid to local schools, reduce aid to colleges and universities,
 reduce prison spending by releasing prisoners early, reduce Medicaid
 spending, which is health care for low income or needy people, or reduce
 revenue sharing to local governments, which is money given to local
 governments to support police and fire protection, street and road
```

```
  maintenance, and other administration?

                  REDUCE AID TO SCHOOLS..................s
                  REDUCE AID TO COLLEGES................c
                  CUT PRISON SPENDING...................p
                  REDUCE MEDICAID ......................m
                  REDUCE STATE REVENUE SHARING..........r

 [endif]
 [if RAND ge <61> and RAND le <79>]
 Reduce aid to colleges and universities, reduce prison spending by
 releasing prisoners early, reduce Medicaid spending, which is health care
 for low income or needy people, reduce revenue sharing to local governments,
 which is money given to local governments to support police and fire
 protection, street and road maintenance, and other administration, or
 reduce aid to local schools?

                  REDUCE AID TO COLLEGES................c
                  CUT PRISON SPENDING...................p
                  REDUCE MEDICAID ......................m
                  REDUCE STATE REVENUE SHARING..........r
                  REDUCE AID TO SCHOOLS.................s

 [endif]
 [if RAND ge <80>]
 Reduce prison spending by releasing prisoners early, reduce Medicaid
 spending, which is health care for low income or needy people, reduce
 revenue sharing to local governments, which is money given to local
 governments to support police and fire protection, street and road
 maintenance, and other administration, reduce aid to local schools or
 reduce aid to colleges and universities.

                  CUT PRISON SPENDING...................p
                  REDUCE MEDICAID ......................m
                  REDUCE STATE REVENUE SHARING..........r
                  REDUCE AID TO SCHOOLS.................s
                  REDUCE AID TO COLLEGES................c

 [endif]
                      DO NOT KNOW.................8  @
                      REFUSED/NO ANSWER............9

        [@] <m> <r> <s> <c> <i> <p>
            <8> DO NOT KNOW[missing] <9> REFUSED[missing]
            [default goto B3a]
>fund<
  As you may know, because of the slow economy, the state budget in Michigan
  is in deficit.

  It now looks like the overall state budget will have to be cut by [green]another[n]
  5 percent.  For each of the following areas, please tell me if you think
  each should be cut by [green]more[n] than 5 percent, [green]less[n] than
  5 percent, or just 5 percent.

    [nodata] @

>rot< [if RAND le <19> goto fund2a]  0-19
      [if RAND le <39> goto fund2b] 20-39
      [if RAND le <59> goto fund2c] 40-59
      [if RAND le <79> goto fund2d] 60-79
      [if RAND le <99> goto fund2e] 80-99


>fund2a<

  K through 12 education.

  (Should this be cut by [green]more[n] than 5 percent, [green]less[n] than
   5 percent, or just 5 percent?)
```

```
                      MORE THAN 5 PERCENT...............1 @
                      LESS THAN 5 PERCENT...............3
                      JUST BY 5 PERCENT.................5

                      NONE AT ALL (VOLUNTEERED).........7

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

    [@] <1> MORE THAN 5 PERCENT  <3> LESS THAN 5 PERCENT  <5> JUST 5 PERCENT
        <7> NONE AT ALL
        <8> DO NOT KNOW [missing]  <9> REFUSED[missing]

>rota< [if RAND ge <20> and RAND le <39>][goto B3a][endif]

>fund2b<

  Higher education (which includes colleges and universities.)

  (Should this be cut by [green]more[n] than 5 percent, [green]less[n] than
   5 percent, or just 5 percent?)

                      MORE THAN 5 PERCENT...............1 @
                      LESS THAN 5 PERCENT...............3
                      JUST BY 5 PERCENT.................5

                      NONE AT ALL (VOLUNTEERED).........7

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

    [@] <1> MORE THAN 5 PERCENT  <3> LESS THAN 5 PERCENT  <5> JUST 5 PERCENT
        <7> NONE AT ALL
        <8> DO NOT KNOW [missing]  <9> REFUSED[missing]

>rotb< [if RAND ge <40> and RAND le <59>][goto B3a][endif]

>fund2c<

  Prisons and corrections.

  (Should this be cut by [green]more[n] than 5 percent, [green]less[n] than
   5 percent, or just 5 percent?)

                      MORE THAN 5 PERCENT...............1 @
                      LESS THAN 5 PERCENT...............3
                      JUST BY 5 PERCENT.................5

                      NONE AT ALL (VOLUNTEERED).........7

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

    [@] <1> MORE THAN 5 PERCENT  <3> LESS THAN 5 PERCENT  <5> JUST 5 PERCENT
        <7> NONE AT ALL
        <8> DO NOT KNOW [missing]  <9> REFUSED[missing]

>rotc< [if RAND ge <60> and RAND le <79>][goto B3a][endif]

>fund2d<

  Medicaid, (which is health care for low income or needy people).

  (Should this be cut by [green]more[n] than 5 percent, [green]less[n] than
   5 percent, or just 5 percent?)

                      MORE THAN 5 PERCENT...............1 @
                      LESS THAN 5 PERCENT...............3
                      JUST BY 5 PERCENT.................5
```

```
                 NONE AT ALL (VOLUNTEERED).........7

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

     [@] <1> MORE THAN 5 PERCENT  <3> LESS THAN 5 PERCENT  <5> JUST 5 PERCENT
         <7> NONE AT ALL
         <8> DO NOT KNOW [missing]  <9> REFUSED[missing]

>rotd< [if RAND ge <80> and RAND le <99>][goto B3a][endif]

>fund2e<

  State revenue sharing (which supports local governments).

  (Should this be cut by [green]more[n] than 5 percent, [green]less[n] than
   5 percent, or just 5 percent?)

                    MORE THAN 5 PERCENT...............1 @
                    LESS THAN 5 PERCENT...............3
                    JUST BY 5 PERCENT.................5

                    NONE AT ALL (VOLUNTEERED).........7

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

     [@] <1> MORE THAN 5 PERCENT  <3> LESS THAN 5 PERCENT  <5> JUST 5 PERCENT
         <7> NONE AT ALL
         <8> DO NOT KNOW [missing]  <9> REFUSED[missing]

>rote< [if RAND ge <20>][goto fund2a][endif]

>B3a< [if RAND le <49> goto B3b]

  In order to cut the cost of running prisons, some states have used
  early release of prisoners who are already scheduled to be released.

  Would you favor or oppose the early release of prisoners as a way to
  reduce the state budget deficit?

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

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

        [@]<1> FAVOR <5> OPPOSE
        <8> DO NOT KNOW[missing] <9> REFUSED[missing]
        [default goto B12]
>B3b<

  One possibility for reducing state budget deficits is to use early
  release of prisoners who are already scheduled to be released.

  Would you favor or oppose the early release of prisoners as a way to
  reduce the state budget deficit?

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

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


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

>B12< [#settime budgetstop][#settime educstart]

  Now, thinking about higher education in Michigan . . .

  Overall, how important a role do you think the state's public colleges and
  universities play in [bold]improving the state's economy[n] -- would you say
  a very important role, somewhat important role, not a very important role,
  or no role at all?

          VERY IMPORTANT ROLE..............1 @
          SOMEWHAT IMPORTANT ROLE.........2
          NOT VERY IMPORTANT ROLE.........3
          NO ROLE AT ALL..................4

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

  [@] <1> VERY IMPORTANT ROLE <2> SOMEWHAT IMPORTANT ROLE <3> NOT VERY IMPORTANT
ROLE
       <4> NO ROLE AT ALL
       <8> DONT KNOW [missing] <9> REFUSED[missing]

>B14<

  At public colleges and universities, the State of Michigan currently pays
  [green]a little less than half[n] the cost of each in-state student's
  education, while the student pays for most of the rest as tuition.

  As costs continue to rise, should the state pay a larger portion of the
  cost of each student's education to keep tuition more affordable
  [bold]or[n] should each student pay higher tuition?

          STATE PAY LARGER PORTION............1 @
          STUDENTS PAY HIGHER TUITION.........5

          FUNDING SHOULD REMAIN THE SAME......3
          UNIVERSITIES SHOULD CUT COSTS/
                            EXPENSES.......4

          MISCELLANEOUS: OTHER...............7

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

    [@] <1> STATE PAY LARGER PORTION <5> STUDENTS PAY HIGHER TUITION
         <3> FUNDING SHOULD REMAIN THE SAME <4> UNIVERSITIES SHOULD CUT COSTS
         <7> MISCELLANEOUS: OTHER
          0 OTHER (R VOLUNTEERS,SPECIFY)[#specify]
         <8> DONT KNOW[missing] <9> REFUSED[missing]

>fund3a<

  Should state colleges and universities reduce their costs by increasing
  class size and limiting enrollment -- or should the state increase funding
  so state colleges and universities can keep class sizes down and maintain
  or increase enrollment?

          COLLEGES INCREASE CLASS SIZE...........1 @
          INCREASE STATE FUNDING/KEEP CLASS 5

          UNIVERSITIES SHOULD CUT COSTS/
                            EXPENSES..........4

          MISCELLANEOUS: OTHER...................7

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

```
      [@]  <1>  CUT FUNDING <5>  INCREASE FUNDING     <4> UNIVERSITIES SHOULD CUT
COSTS/REDUCE SPENDING
          0  OTHER (R VOLUNTEERS,SPECIFY)[#specify]  <7> MISCELLANEOUS: OTHER
          <8>  DONT KNOW[missing] <9>  REFUSED[missing]


>v1<  [#settime educstop][#settime nonpstart]

   This next section is about charitable giving and volunteering.

   Have you or members of your family or household contributed money,
   property, or both to a charity or non-profit organization [green]this[n]
   year, that is, [green]since January 2003?[n]

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

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

           [@] <1> YES <5> NO [goto v5]
               <8> DO NOT KNOW[missing][goto v5] <9> REFUSED [missing][goto v5]

>N2<

     I am going to name some charitable organizations.  Please tell me if you
     or a member of your family contributes to that type of organization.

      A church, synagogue, or other, religious organization?

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

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

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

>N3<

     Social services agencies or organizations?

     (Such as social programs for women and children or health care services)

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

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

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

>N4<

     The United Way?

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

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

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

>N5<

     Youth or children's organizations such as Girl Scouts, Boy Scouts, or 4-H?
```

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

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

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

>N6<

    Education organizations, such as schools, pre-schools, or daycares?

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

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

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

>N8<

    Community foundations?

    [yellow]IWER: USE IF NECESSARY:  A community foundation is a organization
                                     that collects money and uses it for the
                                     good of the community -- Community
                                     Foundation of Southwest Michigan[n]

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

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

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

>N9<    [define <d><99998>][define <r><99999>]

    Approximately how much do you and/or other family members contribute to
    charitable organizations each year?

    [yellow]IWER USE IF NECESSARY:  Please include all cash donations, and
                                    donations of goods and services[n]

          TOTAL CONTRIBUTIONS................. $1 - 10,000 @

                      DO NOT KNOW..........d
                      REFUSED.............r

      [@] <1-10000> TOTAL CONTRIBUTIONS
           <d> DO NOT KNOW [missing]  <r> REFUSED [missing]

>v4<

    Do you think that your household has or will contribute more, less, or
    about the same this year as you did last year?

              MORE..........................1 @
              LESS..........................3
              ABOUT THE SAME................5

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

          [@] <1> MORE <3> LESS <5> ABOUT THE SAME
```

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

>v5<

  [green]This[n] year, that is, [green]since January 2003[n], have you volunteered for
  any type of organization?

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

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

          [@] <1> YES[goto voltime] <5> NO[goto V3]
              <8> DO NOT KNOW[missing][goto V3] <9> REFUSED [missing][goto V3]

>V3<

   Have you [green]ever[n] been involved in any volunteer activities?

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

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

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

>pastvol<

   What is the [u]main[n] reason why you are no longer volunteering?

          TOO BUSY/NO TIME/WORK................1 @
          KIDS NO LONGER INVOLVED.............2
          LAZY/UNMOTIVATED....................3
          HEALTH REASONS/ILLNESS/DISABILITY....4
          AGE/TOO OLD.........................5
          NO LONGER INTERESTED................6
          ORGANIZATION NO LONGER ACTIVE........7
          CHOOSE NOT TO/PERSONAL CHOICE........8
          LACK TRANSPORTATION.................9
          FINANCIAL REASONS..................10
          DISILLUSIONED WITH VOLUNTEERING.....11

                  MISCELLANEOUS...90
                  DO NOT KNOW.....98
                  REFUSED........99

        [@]   0 OTHER: SPECIFY[#specify]

        <1> TOO BUSY/NO TIME <2> KIDS NO LONGER INVOLVED <3> LAZY/UNMOTIVATED
        <4> HEALTH REASONS/ILLNESS/DISABILITY <5> AGE/TOO OLD <6> NO LONGER
INTERESTED
        <7> ORGANIZATION DEFUNCT 97 OTHER: MISCELLANEOUS
        <8> CHOOSE NOT TO/PERSONAL CHOICE   <9-15> <90>
           <98> DO NOT KNOW[missing] <99> REFUSED[missing]
           [default goto govgive]

>voltime< [define <d><998>][define <r><999>]

  Approximately how many hours did you volunteer in the past [green]month[n]?

          TOTAL HOURS LAST MONTH......... 0 - 500 HOURS @

                  DO NOT KNOW..........d

```
                REFUSED..............r

     [@] <0-500> HOURS
          <d> DO NOT KNOW [missing]  <r> REFUSED [missing]

>V4a<

  Next, I would like to list some different areas in which people do
  volunteer activities.  Please tell me in which, if any, of the following
  areas you have done some volunteer work this year (that is, since
  January 2003?)

  A health organization, (such as the Red Cross, a hospital or a clinic?)

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

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

          [@] <1> YES <5> NO
              <8> DO NOT KNOW[missing] <9> REFUSED [missing]
>V5a<

  An educational organization, (such as a school, daycare, pre-school?)

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

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

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

>V6a<

  A religious organization (such as a church, deacon, religious education
  teacher)?

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

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

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

>V7a<

  A human service organization, (such as a homeless shelter, shelter for
  battered women, soup kitchen, food co-op, Habitat for Humanity?)

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

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

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

>V8a<

 An environmental organization (such as Greenpeace, recycling groups, etc)?

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

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

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

>V10a<

  Arts or cultural organizations (such as a museum, art gallery, theatre,
  etc)?

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

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

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


>V12a<

  A political organization or campaign?

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

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

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

>V13a<

 A youth development organization (such as Girl Scouts, Boy Scouts, or
 coaching athletics).

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

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

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

>volpref<

  Thinking about the organizations that you volunteer with, do you volunteer
  on a weekly or monthly basis, volunteer for specific or special events, or
  both?

                VOLUNTEER ON A WEEKLY/MONTHLY BASIS.....1 @
                VOLUNTEER SPECIFIC OR SPECIAL EVENTS....3
                BOTH: ................................5

                        DO NOT KNOW.............8
                        REFUSED.................9
  [@] <1>  VOLUNTEER ON A WEEKLY/MONTHLY BASIS <3> VOLUNTEER SPECIFIC OR SPECIAL
EVENTS....3
      <5>  BOTH
      <8> DO NOT KNOW[missing] <9> REFUSED [missing]

>volopp< [allow int 2]

  Where do you find out about volunteer opportunities available in your
  community?
```

```
        WORD OF MOUTH/FAMILY/FRIENDS............1  @
        KIDS INVOLVED IN ACTIVITY..............2
        CHURCH.................................3
        SCHOOL/PRESCHOOL.......................4
        ALREADY INVOLVED WITH ORGANIZATION/
          PROGRAM..............................5
        WORK/JOB...............................6
        MEDIA - TV, RADIO, NEWSPAPER...........7
        MAILINGS/FLYERS SENT IN MAIL...........8
        INTERNET...............................9
        SOCIAL SERVICE ORGANIZATION...........10
        ASKED BY SOMEONE TO VOLUNTEER.........11
               MISCELLANEOUS...90
               DO NOT KNOW.....98
               REFUSED........99

        [@]  0 OTHER: SPECIFY[#specify]  <1-15> <90>
            <98> DO NOT KNOW[missing]  <99> REFUSED[missing]
```

>v8<

  Do you think that you have or will volunteer more, less, or about the
  same this year as you did last year?

```
        MORE........................1 @
        LESS........................3
        ABOUT THE SAME..............5


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

        [@] <1> MORE[goto govgive] <3> LESS <5> ABOUT THE SAME[goto govgive]
            <8> DO NOT KNOW[missing][goto govgive] <9> REFUSED [missing][goto
govgive]
```

>volless<

  Why are you volunteering less or planning to volunteer less this year
  than last?

```
        TOO BUSY/NO TIME/WORK................1  @
        KIDS NO LONGER INVOLVED.............2
        LAZY/UNMOTIVATED....................3
        HEALTH REASONS/ILLNESS/DISABILITY....4
        AGE/TOO OLD.........................5
        NO LONGER INTERESTED................6
        ORGANIZATION NO LONGER ACTIVE........7
        CHOOSE NOT TO/PERSONAL CHOICE.......8

               MISCELLANEOUS...97
               DO NOT KNOW.....98
               REFUSED........99

        [@]  0 OTHER: SPECIFY[#specify]
        <1> TOO BUSY/NO TIME <2> KIDS NO LONGER INVOLVED <3> LAZY/UNMOTIVATED
        <4> HEALTH REASONS/ILLNESS/DISABILITY  <5> AGE/TOO OLD  <6> NO LONGER
INTERESTED
        <7> ORGANIZATION DEFUNCT  <97> OTHER: MISCELLANEOUS  <8> CHOOSE NOT TO/PERSONAL
CHOICE
        <98> DO NOT KNOW[missing]  <99> REFUSED[missing]
```

>govgive<

 Thinking about giving and volunteering in general,

 As you may know, both the federal and state government allow tax deductions
 for certain charitable contributions.

Do you think tax incentives for charitable contributions should be
increased, decreased, or kept the same as now?

```
        INCREASED.........................1 @
        DECREASED.........................3
        STAY THE SAME AS NOW..............5

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

        [@] <1> INCREASED <3> DECREASED  <5> STAY THE SAME AS NOW
            <8> DO NOT KNOW[missing] <9> REFUSED [missing]
```

>govvol<

If you could get a similar tax incentive for doing volunteer work in your
community would this increase your willingness to volunteer or would it
make little or no difference in the amount you volunteer?

```
        INCREASE WILLINGNESS..............1 @
        MAKE LITTLE OR NO DIFFERENCE......5

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

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

>highreq<

Should volunteering be a requirement for graduation for all Michigan high
school students?

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

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

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

>mentor1<

How familiar are you with the term "mentor"?

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

```
          VERY FAMILIAR.................... 1 @
          SOMEWHAT FAMILIAR.................2
          NOT VERY FAMILIAR................3
          NOT FAMILIAR AT ALL..............4

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

[@] <1> VERY FAMILIAR <2> SOMEWHAT FAMILIAR <3> NOT VERY FAMILIAR
    <4> NOT FAMILIAR AT ALL [goto mentor3]
    <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>mentor2<

  Have you ever been a mentor?

  [yellow] IWER: USE THIS DEFINITION: "A mentor is a trusted advisor and
  helper to an inexperienced person".[n]

```
        YES..........................1 @
```

```
        NO..........................5

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

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


>mentor3<

  If a statewide mentoring program were created, how likely is it that you
  would be a mentor to a young person in Michigan in the future?

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

  [yellow] IWER: USE THIS DEFINITION:  "A mentor is a trusted advisor and
  helper to an inexperienced person".[n]

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

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

[@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> SOMEWHAT UNLIKELY
    <4> VERY UNLIKELY
    <8>[missing] DON'T KNOW <9>[missing] REFUSED

>I1<[loc 19/1] [#settime nonpstop][#settime healthstart]

  The next part of our research is 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 CD1]
            <8> DO NOT KNOW [goto CD1][missing] <9> REFUSED [missing][goto CD1]


>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

        OTHER: SPECIFY......................0

                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 CD1]
>I2<
  Does your [green]primary[n] or [green]main health[n] care coverage come
  from Medi[green]care[n], Medi[green]caid[n], another government health
  insurance program, from a plan provided through an employer or union,
  or from an individually purchased private insurance plan?

  [yellow]MEDICARE IS PRIMARILY INSURANCE FOR THE ELDERLY & DISABLED[n]
   [green]MEDICAID IS FOR POOR ADULTS AND CHILDREN[n]

  [cyan]IF R STATES A NAME OF A PLAN SUCH AS BLUE CROSS/BLUE CARE NETWORK/
        PHP/AETNA, PLEASE ASK" "Do you have this through your employer or
        do you pay for the premiums on your own?[n]

        MEDICARE..........................1 @
        MEDICAID..........................2
        ANOTHER GOVERNMENT PROGRAM.........3
          (champus, any US government program)
        PLAN PROVIDED THROUGH EMPLOYER.....4
          (includes: parent/spouse employer/union/retirement)

        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 @
           (includes: parent/spouse employer/union/retirement)

          INDIVIDUAL SUPPLEMENTAL INSURANCE PAID ON OWN...2
          MEDICAID, OR OTHER GOVERNMENT INSURANCE........3

              MISCELLANEOUS.................97
              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]  <97> MISCELLANEOUS: OTHER

      <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[goto if2]
       <9> REFUSED[goto if2]


>I2c<

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

          LESS THAN ONE YEAR..................0  @
          YEARS .........................1 - 90

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

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


>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   FIRST MENTION.... @a
    CANCER COVERAGE...................2   SECOND MENTION....@b
    NURSING HOME COVERAGE............3
    HOSPITALIZATION..................4
    EYE EXAMS/GLASSES................5
    SHORT/LONG TERM DISABILITY.......6
    DENTAL COVERAGE..................7
    FULL MEDICAL COVERAGE/EVERYTHING..8
    CO-PAYS.........................10

    MISCELLANEOUS: OTHER.............97

        NO MORE MENTION........95
        DO NOT KNOW............98
        REFUSED................99

   [@a]   0 SPECIFY [#specify]
         <1> PRESCRIPTION DRUG COVERAGE <2> CANCER COVERAGE <3> NURSING HOME COVERAGE
         <4> HOSPITALIZATION <5> EYE EXAMS/GLASSES <6> SHORT/LONG TERM DISABILITY
         <7> DENTAL COVERAGE <8> FULL COVERAGE/EVERYTHING
         <97> MISCELLANEOUS: OTHER   <10> CO-PAYS
         <98> DO NOT KNOW[goto if2] <99>
          DO NOT KNOW[goto if2]
   [@b]   0 SPECIFY [#specify] <95> NO MORE MENTIONED [goto if2]
         <98> DO NOT KNOW[goto if2] <99> DO NOT KNOW[goto if2]
         <1> PRESCRIPTION DRUG COVERAGE <2> CANCER COVERAGE <3> NURSING HOME COVERAGE
         <4> HOSPITALIZATION <5> EYE EXAMS/GLASSES <6> SHORT/LONG TERM DISABILITY
         <7> DENTAL COVERAGE <8> FULL COVERAGE/EVERYTHING
         <97> MISCELLANEOUS: OTHER   <10> CO-PAYS

>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> and I2a ge <5>][goto CD1][endif]
       [if I2 eq <4> or I2 eq <5>][goto I3][endif]
       [if I2a eq <1>][goto I3][endif]
       [goto CD1]

>I3<

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

    AARP.......................5        MESSA.....................18 @
    AETNA......................1        MCARE.....................19
    AFLAC......................6        MUTUAL OF OMAHA...........20
    AMERICAN COMMUNITY.........7        OMNICARE..................21
    AMERICAN SECURITY..........8        PHP- PHYSICAL HEALTH PLAN..22
    BANKERS LIFE...............9        PPO - GENERAL.............23
    BLUE CROSS/BLUE SHIELD.....2        PPOM - GENERAL............24
    BLUE CARE NETWORK..........3        PREFERRED CHOICES.........25
    CARE CHOICES..............10        PRIORITY HEALTH...........26
    CAREMARK..................11        PRUDENTIAL................27
    CIGNA (signa).............12        STANDARD HEALTH AND LIFE...28
    COMMUNITY BLUE............13        STATE FARM................29
    CONNECT CARE..............14        UNITED HEALTH CARE........30
    FORTRESS HEALTH CARE......15        WELLNESS PLAN.............31
    GOLDEN RULE...............16        WEYCO.....................32
    HEALTH ALLIANCE PLAN (HAP)...4
    HEALTH PLUS...............17        MISCELLANEOUS: OTHER......90
    ASR..33  NGS..34   HMO-GENERAL...35  UNABLE TO CLASSIFY.......39
    SELF-FUNDED..40    UNICARE...36
                    DO NOT KNOW.......98
                    REFUSED..........99

  [@] <1> AETNA <2> BLUE CROSS/BLUE SHIELD <3> BLUE CARE NETWORK
      <5> AARP <18>  MESSA  <19> MCARE <6> AFLAC <20> MUTUAL OF OMAHA
      <7> AMERICAN COMMUNITY <21> OMNICARE <8>  AMERICAN SECURITY <22> PHP- PHYSICAL
HEALTH PLAN
      <9> BANKERS LIFE <23> PPO - GENERAL <24> PPOM - GENERAL
      <25> PREFERRED CHOICES <10> CARE CHOICES <26>  PRIORITY HEALTH
      <11> CAREMARK <27> PRUDENTIAL <12>  CIGNA (signa) <28> STANDARD HEALTH AND LIFE
      <13> COMMUNITY BLUE <29> STATE FARM <14>  CONNECT CARE <30> UNITED HEALTH CARE
      <15> FORTRESS HEALTH CARE <31>  WELLNESS PLAN  <16> GOLDEN RULE <32>  WEYCO
      <17> HEALTH PLUS <90>  MISCELLANEOUS: OTHER  <33-40>
      <4> HEALTH ALLIANCE PLAN OF MICHIGAN  0 SPECIFY[#specify]
      <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> REFUSED[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 CD1]

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

            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]


>CD1<    [#settime healthstop][#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

        [@] <00-85> <d,r>[missing]

>CD3<
     What is the highest level of education you have completed?

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

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

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

```
>CD5a<
  Are you of Hispanic, Latino, or Spanish origin?

        YES-HISPANIC/LATINO/SPANISH ORIGIN..........1

        NO-[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
    ISLAMIC/MUSLIM..........................2
    JEWISH..................................3
    PROTESTANT..............................4
      (baptist, methodist, christian reformed, lutheran, presbyterian
      weslyan, episcopalian, "christian"
    OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5
      (taoists, withces, etc)
    OTHER CHRISTIAN.........................7 @
      (mormon, LDS, quakers,mennonite,
        Jehovah Witness, unitarian, universalists)
    UNABLE TO CLASSIFY......................8

                  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]
          <8> UNABLE TO CLASSIFY
              <98> DO NOT KNOW [missing] <99> REFUSED[missing]


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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

>P17<
    Generally speaking, do you think of yourself as a conservative, a
    moderate, or a liberal?

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

```
                LIBERAL.............................7 @a


                OTHER...............................0

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

            [if P17@a eq <1>]

    Would you consider yourself very conservative or somewhat conservative?

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

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

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

    Would you consider yourself to be very liberal or somewhat liberal?

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

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

            [if P17@a eq <4>]

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

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

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

>ideology<  [allow 1]
        [if P17@b eq <1>][store <1> in ideology][endif]  1 very conservative
        [if P17@b eq <2>][store <2> in ideology][endif]  2 somewhat
            conservative
        [if P17@a eq <8>][store <8> in ideology][endif]  3 lean conservative
        [if P17@a eq <9>][store <9> in ideology][endif]   4 middle
        [if P17@c eq <6>][store <6> in ideology][endif]   5 lean liberal
        [if P17@c eq <7>][store <7> in ideology][endif]   6 somewhat liberal
        [if P17@d eq <3>][store <3> in ideology][endif]   7 very liberal
        [if P17@d eq <4>][store <4> in ideology][endif]
        [if P17@d eq <5>][store <5> in ideology][endif]
>CD8<

    What is your marital status?

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

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

```
            WIDOWED..............................4

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

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

        [@]<1> MARRIED <2> DIVORCED <3> SEPARATED <4> WIDOWED <5> MEMBERT UNMARRIED
COUPLE
        <6> SINGLE NEVER BEEN MARRIED   0 [#specify] <8,9>[missing]


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

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

            ADULTS..............................1-10 @

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


>CD11<

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


            CHILDREN....................0-7 @

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

        [@]<0>[goto CD15]
           <1-7> CHILDREN
           <8> DO NOT KNOW [missing] <9> REFUSED [missing]

>I4<   How many of the children living in your household have any type of
       health insurance coverage?

            CHILDREN....................0-7 @

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

        [@] <0-7> CHILDREN
           <8> DO NOT KNOW [missing] <9> REFUSED [missing]


>CD15<
  We are interested in learning about the different ways people may earn
  their living.  Last week, were you working full-time, part-time, going
  to school, a home-maker 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
            HOME-MAKER.....................................9
            DISABLED.......................................10
            SOMETHING ELSE (SPECIFY).......................0 @
```

```
                 MISCELLANEOUS: OTHER............97
                 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]  <97> OTHER:
MISCELLANEOUS




>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 2002?

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

                 DO NOT KNOW............8
                 REFUSED...............9
        [@]<1>YES [goto incd]
           <5>NO [goto incb]
           <8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]
>incb<
    Was it less than $20,000?

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

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

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

>incc<

   Was it less than $10,000?

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

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

>incd<

   Was it $60,000 or more?

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

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

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

>ince<
   Was it $40,000 or more?

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

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

>incf<
   Was it $50,000 or more?

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

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

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

>incg<
   Was it more than $70,000?

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

                      DO NOT KNOW...........8
```

```
                              REFUSED................9

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

>income<  [allow 1]

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

>CD26<
       How many [green]different[n] phone numbers does your household have?

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

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


>X1< [loc 20/1]
    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]


>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 if it would only take 10 minutes or less?

                  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

                  [endif]
                  [@a]<1> YES <5> NO [goto out] <8> DO NOT KNOW[goto out] <9> REFUSED
[goto out]
                  [@b] [allow 15]


>out< [#settime demostop]

      [#subtime corestart from corestop into core]
      [#subtime nonpstart from nonpstop into nonp]
      [#subtime budgetstart from budgetstop into budget]
      [#subtime educstart from educstop into educ]
      [#subtime healthstart from healthstop into health]
      [#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 32".

       DATA LIST fixed file='Q:\msusos32\productn\c-inst\soss32.dat' records=3
        /1      ID1  1-5   (A)
                R1   6     (A)
               cnty  7-11  (A)
                regn 12         letter 13        listed 14              CC1 15
                CC2 16            CC3 17            CC4 18              CC5 19
                CC6 20            PO1 21           SEC4 22              PO2 23
                B11 24            B1b 25         fund2a 26           fund2b 27
              fund2c 28         fund2d 29         fund2e 30              B3a 31
                B3b 32            B12 33            B14 34           fund3a 35
                 v1 36             N2 37             N3 38               N4 39
                 N5 40             N6 41             N8 42             N9 43-47
                 v4 48             v5 49             V3 50          pastvol 51-52
            voltime 53-55         V4a 56            V5a 57              V6a 58
                V7a 59            V8a 60           V10a 61             V12a 62
               V13a 63         volpref 64         volopp 65-66           v8 67
            volless 68-69      govgive 70         govvol 71          highreq 72
            mentor1 73         mentor2 74        mentor3 75
        /2       I1  1             I1a  2            I1b  3-4             I2  5-6
                I2a  7           I2aa  8-9           I2b 10              I2c 11-12
                I2d 13          I2e@a 14-15        I2e@b 16-17            I7 18
                 I3 19-20          I3a 21            I12 22              I15 23
                 I5 24             I6 25             I8 26               I17 27
                CD1 28            CD2 29-31          CD3 32-33          CD5a 34
             CD4a@a 35         CD4a@b 36         CD4a@c 37           CD4a@d 38
             CD4a@e 39            CD6 40-41        CD7@a 42            CD7@b 43
              CD7@c 44          CD7@d 45         partyid 46           P17@a 47
              P17@b 48          P17@c 49          P17@d 50          ideology 51
                CD8 52           CD10 53-54         CD11 55              I4 56
               CD15 57-58         UN1 59            UN2 60              UN3 61
               inca 62           incb 63           incc 64             incd 65
               ince 66           incf 67           incg 68           income 69
               CD26 70
        /3       X1  1-2      zipcode  3-7         RI@a  8         contacts 24-25 (A)
             length 26-29 (A)
              idate 30-37 (A)
               iwer 38-40 (A)
              males 41-42 (A)
            females 43-44 (A)
          .

       VARIABLE LABELS
          ID1        'case id number'
          cnty       'County'
          regn       'Region'
          letter     'Type of Letter'
          listed     'Type of Sample'
          CC1        'Past Financial'
          CC2        'Future Financial'
          CC3        'Current Financial'
          CC4        'Inflation Rate'
          CC5        'Unemployment'
          CC6        'Business Conditions'
          PO1        'Bush Approval'
          SEC4       'Terrorist Attack'
          PO2        'Granholm Approval'
          B11        'Rate Colleges'
          B1b        'Budget - Do First'
          fund2a     'Cut K through 12 Education'
          fund2b     'Cut Higher Education'
          fund2c     'Cut Prisons and Corrections'
          fund2d     'Cut Medicaid'
          fund2e     'Cut State Revenue Sharing'
```

```
B3a        'Early Release - Cut Cost Prisons'
B3b        'Early Release - Reduce Spending'
B12        'Role Universities'
B14        'Tuition Percentage'
fund3a     'Tuition vs Cuts'
v1         'Contribute Charity Last Year'
N2         'Contribute - Church'
N3         'Contribute - Social Services Agencies'
N4         'Contribute - United Way'
N5         'Contribute - Youth Organizations'
N6         'Contribute - Education Organizations'
N8         'Contribute - Community Foundations'
N9         'Value Contributions'
v4         'Contribution Amount Change'
v5         'Volunteer Last Year'
V3         'Ever Volunteer'
pastvol    'Reason Not Volunteering'
voltime    'Hours Volunteer Last Month'
V4a        'Volunteer - Health Organization'
V5a        'Volunteer - Educational Organization'
V6a        'Volunteer - A Religious Organization'
V7a        'Volunteer - Human Service Organization'
V8a        'Volunteer - Environmental Organization'
V10a       'Volunteer - Arts Cultural Organizations'
V12a       'Volunteer - Political Organization'
V13a       'Volunteer - Youth Development Organization'
volpref    'Type Volunteering'
volopp     'Volunteer Opportunities'
v8         'Volunteer Change'
volless    'Reason Volunteer Less'
govgive    'Tax Incentives'
govvol     'Tax Incentive Volunteering'
highreq    'Volunteering Graduation Requirement'
mentor1    'Familiar Term Mentor'
mentor2    'Ever Been Mentor'
mentor3    'Likelihood Mentor'
CASEID     'case identification number'
I1         'Have Health Insurance'
I1a        'Covered Medicaid'
I1b        'Reason Lost Medicaid Coverage'
I2         'Type Medical Insurance'
I2a        'Supplemental Insurance'
I2aa       'Type Supplemental Insurance'
I2b        'Medicaid/Medicare Coverage'
I2c        'Length Insurance Coverage'
I2d        'Special Insurance Coverage'
I2e@a      'Coverage - 1st Mention'
I2e@b      'Coverage - 2nd Mention'
I7         'Medicare HMO'
I3         'Name Private Plan'
I3a        'Family Coverage'
I12        'Choice Plans'
I15        'Important Cost Plan'
I5         'Primary Physician'
I6         'Approve Referrals'
I8         'Prescription Drug Coverage'
I17        'Switch Plans'
CD1        'Sex'
CD2        'Year Born'
CD3        'Education'
CD5a       'Ethnicity'
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'
CD7@a      'Political Affiliation'
CD7@b      'Republican'
CD7@c      'Democrat'
```

```
    CD7@d     'Independent'
    partyid   'Party ID'
    P17@a     'Political Ideology'
    P17@b     'Conservative'
    P17@c     'Liberal'
    P17@d     'Moderate'
    ideology  'Political Ideology'
    CD8       'Marital Status'
    CD10      'Adults'
    CD11      'Children'
    I4        'Children Health Insurance'
    CD15      'Employment Status'
    UN1       'Union Member'
    UN2       'Past Union Member'
    UN3       'Union Family'
    inca      'Income $30,000 or More'
    incb      'Less $20,000'
    incc      'Less $10,000'
    incd      'More $60,000?'
    ince      '$40,000 or More'
    incf      '$50,000 or More'
    incg      'More $70,000'
    income    'Income'
    CD26      'Phone Lines'
    X1        'Community'
    zipcode   'Zip Code'
    RI@a      'Re-Interview'
    contacts  'Contacts'
    length    'Interview Legth'
    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'/
    letter    0 'no letter/unlisted' 1 'generic letter' 2 'enhanced letter'
              3 'enhanced letter w/ insert'/
    listed    1 'listed' 2 'unlisted'/
    CC1       1 'BETTER OFF' 2 'ABOUT THE SAME' 3 'WORSE OFF' 8 'DO NOT KNOW'
              9 'REFUSED'/
    CC2       1 'BETTER OFF' 3 'ABOUT THE SAME' 5 'WORSE OFF' 8 'DO NOT KNOW'
              9 'REFUSED'/
    CC3       1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'
              8 'DO NOT KNOW' 9 'REFUSED'/
    CC4       1 'GO UP' 3 'GO DOWN' 5 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'
              9 'REFUSED'/
    CC5       1 'BETTER THAN' 5 'ABOUT THE SAME' 3 'WORSE THAN'
              8 'DO NOT KNOW' 9 'REFUSED'/
    CC6       1 'GOOD TIMES' 3 'BAD TIMES' 5 'NEITHER' 8 'DO NOT KNOW'
              9 'REFUSED'/
    PO1       1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
              9 'REFUSED'/
    SEC4      1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
              3 'NOT VERY CONCERNED' 4 'NOT CONCERNED AT ALL' 8 'DON''T KNOW'
              9 'REFUSED'/
    PO2       1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
              9 'REFUSED'/
    B11       1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
              9 'REFUSED'/
    B1b       1 'REDUCE MEDICAID SPENDING' 2 'REDUCE STATE REVENUE SHARING'
              3 'REDUCE AID TO SCHOOLS K-12' 4 'REDUCE AID TO COLLEGES'
              5 'CUT PRISON SPENDING' 8 'DO NOT KNOW' 9 'REFUSED'/
    fund2a    1 'MORE THAN 5 PERCENT' 3 'LESS THAN 5 PERCENT'
              5 'JUST 5 PERCENT' 7 'NONE AT ALL' 8 'DO NOT KNOW' 9 'REFUSED'/
    fund2b    1 'MORE THAN 5 PERCENT' 3 'LESS THAN 5 PERCENT'
              5 'JUST 5 PERCENT' 7 'NONE AT ALL' 8 'DO NOT KNOW' 9 'REFUSED'/
    fund2c    1 'MORE THAN 5 PERCENT' 3 'LESS THAN 5 PERCENT'
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                 5 'JUST 5 PERCENT' 7 'NONE AT ALL' 8 'DO NOT KNOW' 9 'REFUSED'/
fund2d      1 'MORE THAN 5 PERCENT' 3 'LESS THAN 5 PERCENT'
                 5 'JUST 5 PERCENT' 7 'NONE AT ALL' 8 'DO NOT KNOW' 9 'REFUSED'/
fund2e      1 'MORE THAN 5 PERCENT' 3 'LESS THAN 5 PERCENT'
                 5 'JUST 5 PERCENT' 7 'NONE AT ALL' 8 'DO NOT KNOW' 9 'REFUSED'/
B3a         1 'FAVOR' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
B3b         1 'FAVOR' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED'/
B12         1 'VERY IMPORTANT ROLE' 2 'SOMEWHAT IMPORTANT ROLE'
                 3 'NOT VERY IMPORTANT ROLE' 4 'NO ROLE AT ALL' 8 'DONT KNOW'
                 9 'REFUSED'/
B14         1 'STATE PAY LARGER PORTION' 5 'STUDENTS PAY HIGHER TUITION'
                 3 'FUNDING SHOULD REMAIN THE SAME'
                 4 'UNIVERSITIES SHOULD CUT COSTS' 7 'MISCELLANEOUS: OTHER'
                 8 'DONT KNOW' 9 'REFUSED'/
fund3a      1 'CUT FUNDING' 5 'INCREASE FUNDING'
                 4 'UNIVERSITIES SHOULD CUT COSTS/REDUCE SPENDING'
                 7 'MISCELLANEOUS: OTHER' 8 'DONT KNOW' 9 'REFUSED'/
v1          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N2          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N3          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N4          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N5          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N6          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N8          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
N9          1 'TOTAL CONTRIBUTIONS' 10000 'TOTAL CONTRIBUTIONS'
                 99998 'DO NOT KNOW' 99999 'REFUSED'/
v4          1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW'
                 9 'REFUSED'/
v5          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V3          1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
pastvol     1 'TOO BUSY/NO TIME' 2 'KIDS NO LONGER INVOLVED'
                 3 'LAZY/UNMOTIVATED' 4 'HEALTH REASONS/ILLNESS/DISABILITY'
                 5 'AGE/TOO OLD' 6 'NO LONGER INTERESTED'
                 7 'ORGANIZATION DEFUNCT' 90 'OTHER: MISCELLANEOUS'
                 8 'CHOOSE NOT TO/PERSONAL CHOICE' 9 'LACK TRANSPORTATION'
                 10 'FINANCIAL REASONS' 11 'DISILLUSIONED WITH VOLUNTEERING'
                 98 'DO NOT KNOW' 99 'REFUSED'/
voltime     0 'HOURS' 500 'HOURS' 998 'DO NOT KNOW' 999 'REFUSED'/
V4a         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V5a         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V6a         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V7a         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V8a         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V10a        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V12a        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
V13a        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
volpref     1 'VOLUNTEER ON A WEEKLY/MONTHLY BASIS'
                 3 'VOLUNTEER SPECIFIC OR SPECIAL EVENTS' 5 'BOTH'
                 8 'DO NOT KNOW' 9 'REFUSED'/
volopp      1 'WORD OF MOUTH/FAMILY/FRIENDS' 2 'KIDS INVOLVED IN ACTIVITY'
                 3 'CHURCH' 4 'SCHOOL/PRESCHOOL'
                 5 'ALREADY INVOLVED WITH ORGANIZATION/PROGRAM' 6 'WORK/JOB'
                 7 'MEDIA - TV, RADIO, NEWSPAPER'
                 8 'MAILINGS/FLYERS SENT IN MAIL' 9 'INTERNET'
                 10 'SOCIAL SERVICE ORGANIZATION'
                 11 'ASKED BY SOMEONE TO VOLUNTEER' 90 'MISCELLANEOUS'
                 98 'DO NOT KNOW' 99 'REFUSED'/
v8          1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW'
                 9 'REFUSED'/
volless     1 'TOO BUSY/NO TIME' 2 'KIDS NO LONGER INVOLVED'
                 3 'LAZY/UNMOTIVATED' 4 'HEALTH REASONS/ILLNESS/DISABILITY'
                 5 'AGE/TOO OLD' 6 'NO LONGER INTERESTED'
                 7 'ORGANIZATION DEFUNCT' 97 'OTHER: MISCELLANEOUS'
                 8 'CHOOSE NOT TO/PERSONAL CHOICE' 98 'DO NOT KNOW' 99 'REFUSED'/
govgive     1 'INCREASED' 3 'DECREASED' 5 'STAY THE SAME AS NOW'
                 8 'DO NOT KNOW' 9 'REFUSED'/
govvol      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
highreq     1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
mentor1     1 'VERY FAMILIAR' 2 'SOMEWHAT FAMILIAR' 3 'NOT VERY FAMILIAR'
                 4 'NOT FAMILIAR AT ALL' 8 'DON''T KNOW' 9 'REFUSED'/
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mentor2    1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
mentor3    1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'SOMEWHAT UNLIKELY'
           4 'VERY UNLIKELY' 8 'DON''T 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'
           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' 97 'MISCELLANEOUS: OTHER'
           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 DRUG COVERAGE' 2 'CANCER COVERAGE'
           3 'NURSING HOME COVERAGE' 4 'HOSPITALIZATION'
           5 'EYE EXAMS/GLASSES' 6 'SHORT/LONG TERM DISABILITY'
           7 'DENTAL COVERAGE' 8 'FULL COVERAGE/EVERYTHING' 10 'CO-PAYS'
           97 'MISCELLANEOUS: OTHER' 98 'DO NOT KNOW' 99 'REFUSED'/
I2e@b      95 'NO MORE MENTIONED' 98 'DO NOT KNOW' 99 'REFUSED'
           1 'PRESCRIPTION DRUG COVERAGE' 2 'CANCER COVERAGE'
           3 'NURSING HOME COVERAGE' 4 'HOSPITALIZATION'
           5 'EYE EXAMS/GLASSES' 6 'SHORT/LONG TERM DISABILITY'
           7 'DENTAL COVERAGE' 8 'FULL COVERAGE/EVERYTHING'
           97 'MISCELLANEOUS: OTHER'/
I7         1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
I3         1 'AETNA' 2 'BLUE CROSS/BLUE SHIELD' 3 'BLUE CARE NETWORK'
           5 'AARP' 18 'MESSA' 19 'MCARE' 6 'AFLAC' 20 'MUTUAL OF OMAHA'
           7 'AMERICAN COMMUNITY' 21 'OMNICARE' 8 'AMERICAN SECURITY'
           22 'PHP- PHYSICAL HEALTH PLAN' 9 'BANKERS LIFE'
           23 'PPO - GENERAL' 24 'PPOM - GENERAL' 25 'PREFERRED CHOICES'
           10 'CARE CHOICES' 26 'PRIORITY HEALTH' 11 'CAREMARK'
           27 'PRUDENTIAL' 12 'CIGNA (signa)'
           28 'STANDARD HEALTH AND LIFE' 13 'COMMUNITY BLUE'
           29 'STATE FARM' 14 'CONNECT CARE' 30 'UNITED HEALTH CARE'
           15 'FORTRESS HEALTH CARE' 31 'WELLNESS PLAN' 16 'GOLDEN RULE'
           32 'WEYCO' 17 'HEALTH PLUS' 40 'SELF-FUNDED PROGRAM' 33 'ASR'
           34 'NGS' 35 'HMO-GENERAL' 36 'UNICARE'
           37 'CONTINENTAL HEALTH CARE' 38 'CONSECO'
           90 'MISCELLANEOUS: OTHER'
           4 'HEALTH ALLIANCE PLAN OF MICHIGAN  0 SPECIFY'
           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'/
CD1        1 'MALE' 5 'FEMALE'/
CD2        82 'YEAR BORN' 998 'DO NOT KNOW' 999 'REFUSED'/
CD3        0 'DID NOT GO TO SCHOOL' 1 'GRADE' 11 'GRADE'
           12 'HIGH SCHOOL GRAD OR GED' 13 'COLLEGE' 15 'COLLEGE'
           16 'COLLEGE GRADUATE' 17 'SOME POST GRADUATE'
           18 'GRADUATE DEGREE' 20 'TECHNICAL/JUNIOR COLLEGE GRAD'
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                98 'DO NOT KNOW' 99 'REFUSED'/
    CD5a        1 'YES, HISPANIC' 5 'NO, NOT HISPANIC'/
    CD4a@a      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
    CD4a@b      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
    CD4a@c      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
    CD4a@d      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
    CD4a@e      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED'/
    CD6         0 'NONE' 1 'CATHOLIC' 2 'ISLAMIC/MUSLIM' 3 'JEWISH'
                4 'PROTESTANT' 5 'OTHER NON CHRISTIAN' 7 'OTHER CHRISTIAN  6'
                8 'UNABLE TO CLASSIFY' 98 'DO NOT KNOW' 99 'REFUSED'/
    CD7@a       1 'REPUBLICAN' 4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW'
                9 'REFUSED'/
    CD7@b       1 'STRONGLY REPUBLICAN' 2 'NOT VERY STRONG REPUBLICAN'
                8 'DO NOT KNOW' 9 'REFUSED'/
    CD7@c       6 'NOT VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT'
                8 'DO NOT KNOW' 9 'REFUSED'/
    CD7@d       3 'REPUBLICAN' 4 'NEITHER' 5 'DEMOCRAT' 8 'DO NOT KNOW'
                9 'REFUSED'/
    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'/
    CD8         1 'MARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'
                5 'MEMBERT UNMARRIED COUPLE' 6 'SINGLE NEVER BEEN MARRIED'
                8 'DO NOT KNOW' 9 'REFUSED'/
    CD10        1 'ADULTS' 98 'DO NOT KNOW' 99 'REFUSED'/
    CD11        1 'CHILDREN' 7 'CHILDREN' 8 'DO NOT KNOW' 9 'REFUSED'/
    I4          0 'CHILDREN' 7 'CHILDREN' 8 'DO NOT KNOW' 9 'REFUSED'/
    CD15        1 'WORK FULL TIME' 2 'WORK PART TIME' 3 'WORK AND GO TO SCHOOL'
                4 'IN THE ARMED FORCES' 5 'JOB, DID NOT WORK LAST WEEK'
                6 'UNEMPLOYED' 7 'RETIRED' 8 'SCHOOL FULL-TIME' 9 'HOMEMAKER'
                10 'DISABLED' 98 'DO NOT KNOW' 99 'REFUSED'
                97 'OTHER: MISCELLANEOUS'/
    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'/
    .


MISSING VALUES  CC1 (9, 8).
MISSING VALUES  CC2 (9, 8).
MISSING VALUES  CC3 (9, 8).
MISSING VALUES  CC4 (9, 8).
MISSING VALUES  CC5 (9, 8).
MISSING VALUES  CC6 (9, 8).
MISSING VALUES  PO1 (9, 8).
MISSING VALUES  SEC4 (9, 8).
MISSING VALUES  PO2 (9, 8).
MISSING VALUES  B11 (9, 8).
MISSING VALUES  B1b (9, 8).
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MISSING VALUES   fund2a (9, 8).
MISSING VALUES   fund2b (9, 8).
MISSING VALUES   fund2c (9, 8).
MISSING VALUES   fund2d (9, 8).
MISSING VALUES   fund2e (9, 8).
MISSING VALUES   B3a (9, 8).
MISSING VALUES   B3b (9, 8).
MISSING VALUES   B12 (9, 8).
MISSING VALUES   B14 (9, 8).
MISSING VALUES   fund3a (9, 8).
MISSING VALUES   v1 (9, 8).
MISSING VALUES   N2 (9, 8).
MISSING VALUES   N3 (9, 8).
MISSING VALUES   N4 (9, 8).
MISSING VALUES   N5 (9, 8).
MISSING VALUES   N6 (9, 8).
MISSING VALUES   N8 (9, 8).
MISSING VALUES   v4 (9, 8).
MISSING VALUES   v5 (9, 8).
MISSING VALUES   V3 (9, 8).
MISSING VALUES   pastvol (99, 98).
MISSING VALUES   V4a (9, 8).
MISSING VALUES   V5a (9, 8).
MISSING VALUES   V6a (9, 8).
MISSING VALUES   V7a (9, 8).
MISSING VALUES   V8a (9, 8).
MISSING VALUES   V10a (9, 8).
MISSING VALUES   V12a (9, 8).
MISSING VALUES   V13a (9, 8).
MISSING VALUES   volpref (9, 8).
MISSING VALUES   volopp (99, 98).
MISSING VALUES   v8 (9, 8).
MISSING VALUES   volless (99, 98).
MISSING VALUES   govgive (9, 8).
MISSING VALUES   govvol (9, 8).
MISSING VALUES   highreq (9, 8).
MISSING VALUES   mentor1 (9, 8).
MISSING VALUES   mentor2 (9, 8).
MISSING VALUES   mentor3 (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   CD2 (999, 998).
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   CD7@a (9, 8).
MISSING VALUES   CD7@b (9, 8).
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MISSING VALUES  CD7@c (9, 8).
MISSING VALUES  CD7@d (9, 8).
MISSING VALUES  P17@a (9, 8).
MISSING VALUES  P17@b (9, 8).
MISSING VALUES  P17@c (9, 8).
MISSING VALUES  P17@d (9, 8).
MISSING VALUES  CD8 (9, 8).
MISSING VALUES  CD10 (99, 98).
MISSING VALUES  CD11 (9, 8).
MISSING VALUES  I4 (9, 8).
MISSING VALUES  CD15 (99, 98).
MISSING VALUES  UN1 (9, 8).
MISSING VALUES  UN2 (9, 8).
MISSING VALUES  UN3 (9, 8).
MISSING VALUES  inca (9, 8).
MISSING VALUES  incb (9, 8).
MISSING VALUES  incc (9, 8).
MISSING VALUES  incd (9, 8).
MISSING VALUES  ince (9, 8).
MISSING VALUES  incf (9, 8).
MISSING VALUES  incg (9, 8).
MISSING VALUES  income (9).
MISSING VALUES  CD26 (9, 8).
MISSING VALUES  X1 (99, 98).
MISSING VALUES  RI@a (9, 8).
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15. WEIGHTING COMMANDS

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compute newregn2=0.
if (cnty=26049 or cnty=26087 or cnty=26091 or cnty=26093 or cnty=26099 or cnty=26115)newregn2=6.
if (cnty=26125 or cnty=26147 or cnty=26161 or cnty=26163)newregn2=6.

if (cnty=26021  or cnty=26023  or cnty=26025  or cnty=26027 or cnty=26045)newregn2=5.
if (cnty=26059  or cnty=26065  or cnty=26075  or cnty=26077 or cnty=26149)newregn2=5.
if (cnty=26159)newregn2=5.

if (cnty=26005  or cnty=26015  or cnty=26067  or cnty=26081 or cnty=26085)newregn2=3.
if (cnty=26101  or cnty=26105  or cnty=26107  or cnty=26117 or cnty=26121)newregn2=3.
if (cnty=26123  or cnty=26127  or cnty=26133  or cnty=26139)newregn2=3.

if (cnty=26011  or cnty=26017  or cnty=26035  or cnty=26037 or cnty=26051)newregn2=4.
if (cnty=26057  or cnty=26063  or cnty=26073  or cnty=26111 or cnty=26145)newregn2=4.
if (cnty=26151  or cnty=26155  or cnty=26157)newregn2=4.

if (cnty=26001  or cnty=26007  or cnty=26009  or cnty=26019 or cnty=26029)newregn2=2.
if (cnty=26031  or cnty=26039  or cnty=26047  or cnty=26055 or cnty=26069)newregn2=2.
if (cnty=26079  or cnty=26089  or cnty=26113  or cnty=26119 or cnty=26129)newregn2=2.
if (cnty=26137  or cnty=26135  or cnty=26141  or cnty=26143 or cnty=26165)newregn2=2.

if (cnty=26003  or cnty=26013  or cnty=26033  or cnty=26041 or cnty=26043)newregn2=1.
if (cnty=26053  or cnty=26061  or cnty=26071  or cnty=26083 or cnty=26095)newregn2=1.
if (cnty=26097  or cnty=26103  or cnty=26109  or cnty=26131 or cnty=26153)newregn2=1.
if (regn=7)newregn2=7.

value labels regn newregn2 1 'UP' 2 'N. LP' 3 'W. Central' 4 'E. Central' 5 'Southwest' 6
'Southeast' 7 'Detroit'.

freq var=listed.

weight off.
compute listwt=1.
if (listed=2)listwt=3.3317.
if (listed=1 or listed=3)listwt=0.7263.
weight by listwt.
freq var=listed regn.

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=1.1048*listwt.
if (cd26 eq 2)phwt=0.5524*listwt.
if (cd26 eq 3)phwt=0.3683*listwt.
if (cd26 eq 4)phwt=0.2762*listwt.
if (cd26 eq 5)phwt=1.0*listwt.
if (cd26 eq 6)phwt=0.1841*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
  VARIABLES=cd26 cd10.

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

*   This adjusts weight by number of adults in the household.
compute adltwt=phwt.
if (cd10=1)adltwt=phwt*0.5386.
if (cd10=2)adltwt=phwt*1.0772.
if (cd10=3)adltwt=phwt*1.6158.
if (cd10=4)adltwt=phwt*2.1543.
if (cd10=5)adltwt=phwt*2.6929.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*1.
if (cd10=10)adltwt=phwt*1.
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*if (cd10=98 or cd10=99) adltwt=phwt*.5386.

weight by adltwt.
freq var=cd10.

FREQUENCIES
  VARIABLES=cd1  cd2.

compute age=0.
if (cd2 lt 86)age=103-cd2.
if (cd2 ge 86 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=regn.

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


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

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


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



*CROSSTABS
  /TABLES=agecat by imprace  by cd1 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*0.8587.
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*1.2153.
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*0.5146.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.9764.
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*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.0080.
if (imprace eq 2 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*0.5956.

if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.2377.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.5109.
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.8565.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.9094.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.8211.
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.4800.

if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.5155.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*3.8457.
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*0.7401.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*0.6657.
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*1.3939.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*3.5497.
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*0.7893.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.5378.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.9723.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.0480.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*3.6166.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.0180.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.0455.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.0768.
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.5203

if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.8768.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.7449.
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*0.9312.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.7852.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.2614.

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


crosstab tables=agecat by regn/cells count.

compute agewt=racgenct.
if (agecat eq 1 and regn eq 1)agewt=racgenct*2.2117.
if (agecat eq 2 and regn eq 1)agewt=racgenct*0.3098.
if (agecat eq 3 and regn eq 1)agewt=racgenct*1.6696.
if (agecat eq 4 and regn eq 1)agewt=racgenct*0.8481.
if (agecat eq 5 and regn eq 1)agewt=racgenct*1.5272.
if (agecat eq 6 and regn eq 1)agewt=racgenct*3.0418.
if (agecat eq 7 and regn eq 1)agewt=racgenct*0.8272.

if (agecat eq 1 and regn eq 2)agewt=racgenct*2.7047.
if (agecat eq 2 and regn eq 2)agewt=racgenct*1.
if (agecat eq 3 and regn eq 2)agewt=racgenct*2.1840.
```

```
if (agecat eq 4 and regn eq 2)agewt=racgenct*0.9429.
if (agecat eq 5 and regn eq 2)agewt=racgenct*0.6244.
if (agecat eq 6 and regn eq 2)agewt=racgenct*0.7510.
if (agecat eq 7 and regn eq 2)agewt=racgenct*0.7126.

if (agecat eq 1 and regn eq 3)agewt=racgenct*1.0110.
if (agecat eq 2 and regn eq 3)agewt=racgenct*0.9313.
if (agecat eq 3 and regn eq 3)agewt=racgenct*1.1091.
if (agecat eq 4 and regn eq 3)agewt=racgenct*1.4189.
if (agecat eq 5 and regn eq 3)agewt=racgenct*0.7442.
if (agecat eq 6 and regn eq 3)agewt=racgenct*1.2390.
if (agecat eq 7 and regn eq 3)agewt=racgenct*0.8208.

if (agecat eq 1 and regn eq 4)agewt=racgenct*0.9329.
if (agecat eq 2 and regn eq 4)agewt=racgenct*2.3487.
if (agecat eq 3 and regn eq 4)agewt=racgenct*0.9391.
if (agecat eq 4 and regn eq 4)agewt=racgenct*1.1077.
if (agecat eq 5 and regn eq 4)agewt=racgenct*0.7272.
if (agecat eq 6 and regn eq 4)agewt=racgenct*0.9158.
if (agecat eq 7 and regn eq 4)agewt=racgenct*1.1447.

if (agecat eq 1 and regn eq 5)agewt=racgenct*1.1382.
if (agecat eq 2 and regn eq 5)agewt=racgenct*1.3344.
if (agecat eq 3 and regn eq 5)agewt=racgenct*1.5235.
if (agecat eq 4 and regn eq 5)agewt=racgenct*0.7392.
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.7181.
if (agecat eq 6 and regn eq 5)agewt=racgenct*1.2406.
if (agecat eq 7 and regn eq 5)agewt=racgenct*1.1150.

if (agecat eq 1 and regn eq 6)agewt=racgenct*0.6128.
if (agecat eq 2 and regn eq 6)agewt=racgenct*1.0481.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.4544.
if (agecat eq 4 and regn eq 6)agewt=racgenct*0.9758.
if (agecat eq 5 and regn eq 6)agewt=racgenct*1.1071.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.4916.
if (agecat eq 7 and regn eq 6)agewt=racgenct*1.3407.

if (agecat eq 1 and regn eq 7)agewt=racgenct*1.2500.
if (agecat eq 2 and regn eq 7)agewt=racgenct*1.7418.
if (agecat eq 3 and regn eq 7)agewt=racgenct*2.0838.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.3981.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.6204.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.6236.
if (agecat eq 7 and regn eq 7)agewt=racgenct*0.5489.
weight by agewt.
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*0.86792.
if (regn=2)adjwt=agewt*1.27160.
if (regn=3)adjwt=agewt*0.97156.
if (regn=4)adjwt=agewt*1.03205.
if (regn=5)adjwt=agewt*0.94152.
if (regn=6)adjwt=agewt*0.95025.
if (regn=7)adjwt=agewt*1.07895.
compute adjwt=adjwt*0.998991.
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*0.4088.
if (regn=6)msuewt=adjwt*1.3807.
*compute msuewt=msuewt*1.0009843.
*if (msueregn=6)msuewt=msuewt*1.0009843.
weight by msuewt.
freq var=msueregn.


compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.7232.
if (msueregn eq 2)statewt=msuewt*0.5454.
if (msueregn eq 3)statewt=msuewt*0.6873.
if (msueregn eq 4)statewt=msuewt*0.5333.
if (msueregn eq 5)statewt=msuewt*0.8461.
if (msueregn eq 6)statewt=msuewt*1.7121.
*compute statewt=statewt*1.001.
weight by statewt.

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


* 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 - 59,999'  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).
freq var=newinc.
compute income=newinc.


freq var=length.
if (length lt 10)length=0.

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

write Outfile='q:\msusos32\productn\c-inst\finalwt\soss32wt.dat'
 /1        ID1  1-5  (A)
           R1   6    (A)
          cnty  7-11
          regn 12         letter 13       listed 14         CC1 15
           CC2 16          CC3 17          CC4 18          CC5 19
           CC6 20          PO1 21         SEC4 22          PO2 23
           B11 24          B1b 25       fund2a 26       fund2b 27
        fund2c 28       fund2d 29       fund2e 30          B3a 31
           B3b 32          B12 33          B14 34       fund3a 35
            v1 36           N2 37           N3 38           N4 39
            N5 40           N6 41           N8 42           N9 43-47
            v4 48           v5 49           V3 50      pastvol 51-52
        voltime 53-55       V4a 56          V5a 57          V6a 58
```

```
          V7a 59            V8a 60           V10a 61            V12a 62
          V13a 63        volpref 64        volopp 65-66           v8 67
      volless 68-69      govgive 70        govvol 71         highreq 72
      mentor1 73         mentor2 74        mentor3 75
 /2        I1  1             I1a  2            I1b  3-4            I2  5-6
          I2a  7            I2aa  8-9          I2b 10            I2c 11-12
          I2d 13           I2e@a 14-15       I2e@b 16-17          I7 18
           I3 19-20          I3a 21           I12 22             I15 23
           I5 24             I6 25            I8 26              I17 27
          CD1 28            CD2 29-31        CD3 32-33          CD5a 34
        CD4a@a 35         CD4a@b 36        CD4a@c 37          CD4a@d 38
        CD4a@e 39           CD6 40-41        CD7@a 42          CD7@b 43
        CD7@c 44           CD7@d 45        partyid 46          P17@a 47
        P17@b 48           P17@c 49         P17@d 50        ideology 51
          CD8 52           CD10 53-54        CD11 55             I4 56
         CD15 57-58         UN1 59            UN2 60             UN3 61
         inca 62           incb 63           incc 64            incd 65
         ince 66           incf 67           incg 68          income 69
         CD26 70
 /3        X1  1-2       zipcode  3-7         RI@a  8        contacts 24-25
       length 26-29
        idate 30-37 (A)
         iwer 38-40 (A)
        males 41-42
      females 43-44
          races  45  mult2 46 AGECAT 47 ADJWT 49-54
       MSUEREGN 55  MSUEWT 56-62
        STATEWT 64-69 rac3 71 AGE 72-73   imprace 74  newinc  75  .
execute .


compute adjwt=adjwt/10000.
compute msuewt=msuewt/10000.
compute statewt=statewt/10000.
/10000.
freq var=regn.

var labels
     newregn2 'Alternate coding of cases into regions based on FIPS'/
     listwt 'Weight adjustment for listed vs nonlisted numbers'/
     phwt 'Weight adjustment for number of phone lines to HHLD'/
     adltwt 'Weight adjustment for number adults in HHLD'/
     age 'Rs age calculated from year born (CD2)'/
     agecat  'Rs age in categories'/
     rac3   'Rs race in 3 categories and missing'/
     mult2  'Number racial groups R claims'/
     races  'Rs race in 6 categories'/
     imprace 'Rs race in 3 categories with imputation if missing'/
     adj1 'interim weight adjustment'/
     ovrsamwt 'interim weight adjustment'/
     racgenct 'Sex x Race x Region weight adjustment'/
     agewt  'Age x Region weight adjustment'/
     adjwt 'Adjustment to correct rounding errors within region'/
     msueregn 'MSU Extension Regions (Detroit in Reg. 6)'/
     msuewt 'Weight to fold Detroit into Region 6'/
     statewt 'Final weight for statewide analysis'/
     newinc 'Alternate gathering of income responses'.
```