METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-30]

SPRING 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 30 was internet use, e-commerce, and land use.

3. STRUCTURE OF THE QUESTIONNAIRE

The questionnaires for each round of the survey are designed by a different set of principal investigators, who are faculty and students at MSU. Each survey instrument consists of three main parts: a demographic core, a non-demographic core, and the main substantive theme or themes.

The demographic core contains questions on the social background and status of the respondents (age, sex, education, employment status and occupation, size of city, marital status, number of children, size of household, income, ethnic identity, etc.). This bloc of questions is repeated in each round, though more detailed questions on some of the dimensions might be included in certain rounds.

The non-demographic core contains additional questions that are repeated in every round of the survey in order to gauge broad shifts in the economic, social, and political orientations and status of the population. These include questions about consumer confidence, self-identification on a liberal-conservative scale, partisan identification, assessments of presidential performance and gubernatorial performance, and other issues.

Together the demographic and non-demographic core of the questionnaire take an average of about 5 minutes of interviewing time to complete.

The remainder of the interview is timed to last an average of 15 minutes, so that on average the interviews take about 20 minutes of the respondent's time.

The questionnaire consists almost entirely of closed-ended questions. Verbatim responses are used and open-ended coding are required for occupation as well as for questions about the most important issues facing the state or the community.

A word of caution is in order on the use of the data. Because of the inclusion of question-order and question-wording experiments, the codebook for the survey, containing the raw or weighted

frequency distribution of responses, may be difficult to interpret and must be used carefully. Often, alternative variants of questions will be combined into composite measures in the final data that are distributed, but the original questions also remain in the codebook and data set. Although the OSR will do its best to document such situations, it is the responsibility of the data users and analysts, not of the OSR, to assure that the appropriate variants of questions are used in analyses and reports. A copy of the CATI interview program with the skip patterns indicated by "[goto ...]" commands and "[if ...]" commands accompanies the codebook to help clarify the paths particular respondents would take through the interview.

4. MANAGEMENT AND ORGANIZATION

IPPSR. The overall SOSS program is directed by **Dr. Brian Silver,** SOSS Director (Department of Political Science). Overall responsibility for the execution and management of the SOSS rests with the Office for Survey Research (OSR) of the Institute for Public Policy and Social Research. The Principal OSR staff for SOSS consists **Dr. Larry Hembroff**, Survey Director and Methodologist, **Karen Clark**, Programmer and Project Manager, and **Kathy Cusick** (manager of interviewing operations for SOSS).

The OSR staff is responsible for the technical work of designing the CATI computer program, training and supervising interviewers, selection and administration of the sample, coding of data, and preparation of the final data set and documentation. In addition, the OSR staff works with and advises the principal investigators and other researchers in the design of the sample and the survey instrument. However, final approval of the survey and sample designs rest with the principal investigators, not the OSR staff.

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

The Working Group for the Winter 2003 survey was comprised of:

Dr. Carol Weissert, Director, IPPSR, MSU

Dr. Darren W. Davis, Dept. of Political Science and Program on Public Opinion and Political Participation, MSU

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

Dr. Hairong Li, Dept. of Advertising, 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.

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 and adjusts the proportions of cases across regions. **For developing statewide results**, the user should use the data weighted by STATEWT. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the

data weighted by ADJWT. **To compare directly the MSUE regions**, the data should be weighted by MSUEWT.

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

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

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

where n is the number of cases within the region or the total sample and P is the proportion of cases giving a particular response and Q is 1-P. While this may vary from question to question depending on the pattern of answers, the largest margin 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	61	$\pm$ 12.7%
Northern Lower Peninsula	86	$\pm$ 10.6%
West Central	200	$\pm$ 6.9%
East Central	145	$\pm$ 8.2%
Southwest	144	$\pm$ 8.2%
Southeast	191	$\pm$ 7.1%
Detroit	148	$\pm$ 8.1%
Statewide Total	975	$\pm$ 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 89 different interviewers were involved in data collection on the 30th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on April 25, 2003, and continued through the June 16, 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 18.1 minutes.

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

Completion Rate. A total of 975 interviews were completed (including 6 partial completed interviews that were sufficiently nearly complete to include). Of the completed interviews, 127 were completed with households that had initially refused to participate but which were later persuaded to complete the interview. The overall completion rate among eligible households for the study was 40.5%.[1]

Of those completing the interview, the mean number of calls required was 5.4 (s.d. = 4.3) and the median number of phone calls required was 5. Interviewers made a total of 37,910 calls to complete the 975 interviews.

The refusal rate was 21.9%.

9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

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

10. DATA FORMAT AND ARCHIVING

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

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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-30 was 30.3%, the refusal rate (REF2) was 33.6%, the cooperation rate was 47.4%, and the contact rate was 86.1%.

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 30, SPRING, 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 (Spring, 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. Ashir Kumar, 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>

>month< [allow 12] [copy month in month]
          [if MON eq <04>][store <January> in month][endif]
          [if MON eq <05>][store <February> in month][endif]
          [if MON eq <06>][store <March> in month][endif]
>landuse<   [allow 2] [copy landuse in landuse]
>lstart<   [allow 4] [copy lstart in lstart]
>lstop<   [allow 4] [copy lstop in lstop]
>internet< [allow 2] [copy internet in internet]
>istart<   [allow 4] [copy istart in istart]
>istop<   [allow 4] [copy istop in istop]
>terror<   [allow 2] [copy terror in terror]
>tstart<   [allow 4] [copy tstart in tstart]
>tstop<   [allow 4] [copy tstop in tstop]
>ID1< [allow 5][loc 18/1][#store csid in ID1] [copy ID1 in ID1]
>R1< [allow 1][#preset <1>] [copy R1 in R1]
>cnty< [allow 5][#inputloc 1/23] [copy cnty in cnty]
>regn< [allow 1][#inputloc 1/29] [copy regn in regn]
                                      1 upper pen
                                      2 northern
                                      3 west central
                                      4 east central
                                      5 southwest
                                      6 southeast
                                      7 Detroit

>random1< [allow 1][#inputloc 1/136] [copy random1 in random1] -4
>listed< [allow 1][#inputloc 1/140] [copy listed in listed] 1=listed 2=unlisted

>CC1<
     I'd like to start by asking you a few questions about how things are
     going for Michigan residents in general.

     Would you say that you (and your family living there) are
     [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]
        [default goto B1]
>PO2< [if PO2 eq <>][store <7> in PO2][endif]
 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
         <7> QUESTION NOT ASKED <8> DO NOT KNOW[missing] <9>[missing] REFUSED


>PO1<
   Overall, how would you rate the way George W. Bush is performing his job
   as President?

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

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

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


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




>SEC4< [settime tstart]

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

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

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

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

>CG2<
   How much responsibility do you [green]personally[n] believe the United
   States bears for the hatred that led to the 9/11 terrorist attacks?
```

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

                    A LOT.........................1 @
                    SOME..........................2
                    A LITTLE......................3
                    NONE AT ALL...................4
                       DO NOT KNOW.................8
                       REFUSED/NO ANSWER...........9
          [@]<1> A LOT <2> SOME <3> A LITTLE [goto us] <4> NONE AT ALL [goto us]
             <8>[missing] DON'T KNOW[goto us]    <9>[missing] REFUSED[goto us]


>CG2a<

  When you say the United State bears responsibility for the hatred that led
  to the 9/11 attacks, what do you have in mind?


  [yellow]IWER: USE THIS PROBE: "Is there any thing else you had in mind?"[n]

           SPECIFY.........................0 @a

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

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

            NO OTHERS MENTIONED........95
            DO NOT KNOW...............98

        [@a] <0> [#specify]
                <98> DO NOT KNOW[missing][goto us] <99> REFUSED [missing][goto us]
        [@b] <0> [#specify] <95>NO OTHERS MENTIONED
                <98> DO NOT KNOW[missing] <99> REFUSED [missing]
             REFUSED/NO ANSWER..........99

>us<

 Next, I have a couple of questions about the United States' role in world
 affairs.

 [nodata] @

>rotate1< [if random1 eq <1> goto US13]
          [if random1 eq <2> goto US15]
          [if random1 eq <3> goto US16]

>US13<
  Do you think it will be better for the future if the United States takes
  an [green]active part[n] in world affairs, or if the United States [green]stays
out[n] of
  world affairs?

        ACTIVE PART IN WORLD AFFAIRS..........1 @
        STAYS OUT OF WORLD AFFAIRS............3
        DEPENDS ON THE SITUATION (VOL)........5

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

     [@]<1> ACTIVE PART IN WORLD AFFAIRS <3> STAYS OUT OF WORLD AFFAIRS
        <5> DEPENDS ON SITUATION  <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>rot1a< [if random1 eq <2> goto IS1]

>US15<
  If there is a dangerous situation somewhere in the world, do you think the
  United States should first try to get other countries to help, such as through the
  United Nations, [green]or[n] should the United States first try dealing with these
  situations on its own?
```

```
      GET OTHER COUNTRIES TO HELP...............1  @

      DEALING WITH SITUATIONS ON ITS OWN........3

      DEPENDS ON SITUATION......................5

      US SHOULD DO NOTHING/
      STAY OUT OF AFFAIRS (VOLUNTEERS)..........7

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

  [@] <1> GET OTHER COUNTRIES TO HELP <3> DEALING WITH SITUATIONS ON ITS OWN
      <5> DEPENDS ON SITUATION (VOLUNTEERS)
      <7> US SHOULD DO NOTHING/STAY OUT OF AFFAIRS (VOLUNTEERS)
      <8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot1b< [if random1 eq <3> goto IS1]

>US16<
  All in all, what kind of leadership role should the United States play in
  the world?

  Should it be the single world leader, should it play a shared leadership
  role, or should it [green]not[n] play any leadership role?

             SINGLE WORLD LEADER.................1 @
             SHARED LEADERSHIP ROLE..............3
             NO LEADERSHIP ROLE..................5

             DEPENDS ON SITUATION (VOLUNTEERED)...7

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

  [@]<1> SINGLE WORLD LEADER <3> SHARED LEADERSHIP ROLE
     <5> NO LEADERSHIP ROLE
     <7> DEPENDS ON SITUATION
     <8> DO NOT KNOW [missing] <9> REFUSED [missing]

>rot1c< [if random1 ge <2> goto US13]

>IS1<

  In the dispute between Israel and the Palestinians, which side do you
  sympathize with more ---- Israel or the Palestinians?

             ISRAEL......................1 @
             PALESTINE...................5

             NEITHER/BOTH................7

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

             REFUSED...................9

  [@] <1> ISRAEL[goto i1]   <5> PALESTINE [goto i1]
      <7> NEITHER/BOTH
      <8> DO NOT KNOW [missing] <9> REFUSED [missing]


>isflup<

  If you had to choose, which side do you sympathize with more, Israel
  or the Palestinians?

             ISRAEL......................1 @
             PALESTINE...................5

             NEITHER/BOTH................7
```

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

   [@] <1> ISRAEL   <5> PALESTINE
       <7> NEITHER/BOTH
       <8> DO NOT KNOW [missing] <9> REFUSED [missing]


>i1< [settime tstop][settime istart]
 Next, I have some questions about internet use.

 How often, if at all, do you access the Internet, either for the purpose
 of sending e-mail or visiting or browsing the world wide web?

 Would you say daily, 3 to 4 time a week, once a week, a couple of
 times a month, once a month, or a few times a year, or never?

            DAILY.......................1  @
            3 TO 4 TIMES A WEEK.........2
            ONCE A WEEK.................3
            A COUPLE OF TIMES A MONTH...4
            ONCE A MONTH...............5
            A FEW TIMES A YEAR.........6


            NEVER......................7

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

   [@] <1> DAILY <2> 3 TO 4 TIMES A WEEK <3> ONCE A WEEK <4> A COUPLE OF TIMES A MONTH
       <5> ONCE A MONTH <6> A FEW TIMES A YEAR  <7> NEVER [goto lu1]
       <8> DO NOT KNOW[missing][goto lu1] <9> REFUSED [missing][goto lu1]

>i2<

 Do you access the Internet mostly from home, work, school, the library,
 or somewhere else?

            HOME.......................1 @
            WORK.......................2
            SCHOOL.....................3
            LIBRARY....................4

            COMBINATION/HOME & WORK.....5
            SOMEWHHERE ELSE.............0

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

 [@] <1> HOME <2> WORK <3> SCHOOL <4> LIBRARY <5> COMBINATION/HOME & WORK <0>
SOMEWHERE ELSE [#specify]
       <98> DO NOT KNOW [missing] <99> REFUSED [missing]

>ec1<
  Next, I would like to ask you some questions about your use of government
  websites.

  How often do you visit [green]federal[n] government websites?

  [yellow]IWER: USE THIS DEFINITION: "Federal government websites
  include www.firstgov.gov, www.irs.gov, www.doc.gov or any other
  federal agency such as the social security administration.[n]

  Would you say everyday, at least once a week, at least once a month,
  at least once a year, or never?

        EVERYDAY....................1 @
        AT LEAST ONCE A WEEK........2
```

```
          AT LEAST ONCE A MONTH.......3
          AT LEAST ONCE A YEAR........4

          NEVER.......................5

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

          [@] <1> EVERYDAY <2> AT LEAST ONCE A WEEK <3> AT LEAST ONCE A MONTH
              <4> AT LEAST ONCE A YEAR <5> NEVER
              <8> DO NOT KNOW[missing] <9> REFUSED [missing]
>ec2<

  How often do you visit [green]state of Michigan[n] government websites, such as
  www.michigan.gov, www.mi.gov, or any state agency website?

  Would you say everyday, at least once a week, at least once a month,
  at least once a year, or never?

  [yellow]IWER: USE THIS CLARIFICATION: "State agencies would include the
  DNR, the Secretary of State, or the Department of Treasury."[n]

          EVERYDAY....................1 @
          AT LEAST ONCE A WEEK........2
          AT LEAST ONCE A MONTH.......3
          AT LEAST ONCE A YEAR.......4

          NEVER.......................5

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

          [@] <1> EVERYDAY <2> AT LEAST ONCE A WEEK <3> AT LEAST ONCE A MONTH
              <4> AT LEAST ONCE A YEAR <5> NEVER
              <8> DO NOT KNOW[missing] <9> REFUSED [missing]
>ec3<

  How often do you visit [green]local[n] government websites?

  Would you say everyday, at least once a week, at least once a month,
  at least once a year, or never?

  [yellow]IWER: USE THIS DEFINITION: "Local government websites would
  include any city, township, or village government website"[n]

          EVERYDAY....................1 @
          AT LEAST ONCE A WEEK........2
          AT LEAST ONCE A MONTH.......3
          AT LEAST ONCE A YEAR.......4

          NEVER.......................5

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

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

>ec4< [if ec1 ge <5> and ec2 ge <5> and ec3 ge <5> goto ec12a]

 Is your use of government websites primarily for work purposes, for
 personal or family purposes, or for both?

          WORK PURPOSES...............1 @
          PERSONAL PURPOSES...........3
          BOTH EQUALLY................5


          SOMETHING ELSE: OTHER........0
```

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

          [@] <1> WORK PURPOSES <3> PERSONAL PURPOSES
              <5> BOTH <0> SOMETHING ELSE: OTHER [#specify]
              <8> DO NOT KNOW[missing] <9> REFUSED [missing]
```

>ec5<

Have you ever registered with a government website?

[yellow]IWER: USE THIS PROBE IF NECESSARY: By registering we mean did you
post your name or address or anyother personal information directly on
the website)[n].

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

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

      [@] <1> YES  <5> NO
              <8> DO NOT KNOW[missing] <9> REFUSED [missing]
```
>ec6<

Have you ever e-mailed any government official or agency?

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

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

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

>ec7<

Have you ever posted any comments to a government website?

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

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

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

>ec8<

How concerned are you about your [green]privacy[n] when you access a government
website?

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

[yellow]IWER: USE THIS DEFINITION/CLARIFICATION: "By internet privacy we
mean the issue about the proper handling, use, and sharing of personal
information". [n]

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

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

```
     [@] <1> VERY CONCERNED <2> SOMEWHAT CONCERNED <3> NOT VERY CONCERNED
         <4> NOT CONCERNED AT ALL
         <8> DO NOT KNOW[missing] <9> REFUSED [missing]
>ec9<

 How concerned are you with [green]security[n] when you access a government
 website?

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

 [yellow]IWER: USE THIS DEFINITION/CLARIFICATION: "By security, we mean the
 prevention of unauthorized access to information that is maintained on
 computer systems".[n]

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


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

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

>ec10a< [if ec2 ge <5> goto ec12a][define <s><95>]
 Now, I would like to ask you some specific questions about [green]state of Michigan
 government[n] websites.

 In the past [green]three months[n] (that is since [fill month] 2003), how many
 times have you visited state government websites for the purpose of
 obtaining specific information, not just to browse the site?

 [yellow]IWER: USE THIS DEFINITION/CLARIFICATION: "This could include
 looking up phone numbers, office addresses, or viewing on-line publications
 or databases).[n]

         TIMES.............................0-90 @
         MORE THAN 100 TIMES.................91
         MISCELLANEOUS: NEC..................95

         OTHER: SOMETHING ELSE.............s

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

         [@] <0-90> VISITS FOR INFORMATION <91> MORE THAN 100 TIMES <95> MISCELLANEOUS:
NEC
             s [#specify]
             <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>ec10b<
 In the past three months (that is since [fill month] 2003), how many times have
 you visited a state government website to use a service offered or to
 complete a transaction on-line?

 [yellow]IWER: USE THIS DEFINITION/CLARIFICATION: "This could include
 renewing a driver's license, purchasing fishing and hunting licenses,
 or making campground reservations)[n]

         TIMES.............................0-90 @
         MORE THAN 100 TIMES.................91
         MISCELLANEOUS: NEC..................95

         OTHER: SOMETHING ELSE.............s
```

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

        [@] <0-90> VISITS FOR SERVICES
              s  <91> MORE THAN 100 TIMES <95> MICELLANOUS: NEC [#specify]
            <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>ec11a<

  Now, I am going to ask you about topics areas that are available at the
  www.michigan.gov website.  Please tell me if you have ever
  accessed any of the following topic areas on the website.


  Education and career development?

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


      NEVER ACCESSED WWW.MICHIGAN.GOV .......7

                      DO NOT KNOW....8
                      REFUSED........9
      [@]<1> YES <5> NO[goto ec11b]  <7> NEVER ACCESSED WWW.MICHIGAN.STATE.GOV [goto
ec11g]
        <8> DO NOT KNOW [missing][goto ec11b] <9> REFUSED [missing][goto ec11b]

>ec11a1<

 How many times in the past three months have you accessed this topic area?

        TIMES.............................0-90 @
        MORE THAN 100 TIMES.................91
        MISCELLANEOUS: NEC.................95

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

        [@] <0-90> VISITS FOR INFORMATION
              s <91> MORE THAN 100 TIMES  <95> MISCELLANOUS: NEC [#specify]
            <98> DO NOT KNOW[missing] <99> REFUSED [missing]


>ec11b<

  Have you ever visited the topic area  . . .

  Family, health and safety?

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

                      DO NOT KNOW....8
                      REFUSED........9
      [@]<1> YES <5> NO[goto ec11c]
        <8> DO NOT KNOW [missing][goto ec11c] <9> REFUSED [missing][goto ec11c]

>ec11b1<

 How many times in the past three months have you accessed this topic area?

        TIMES.............................0-90 @
        MORE THAN 100 TIMES.................91
        MISCELLANEOUS: NEC.................95

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

        [@] <0-90> VISITS FOR INFORMATION
```

```
                s [#specify] <91> MORE THAN 100 TIMES  <95> MISCELLANEOUS: NEC
            <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>ec11c<

   (Have you ever visited the topic area  . . .)

   Travel, tourism and recreation?

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

                        DO NOT KNOW....8
                        REFUSED........9
         [@]<1> YES <5> NO[goto ec11d]
            <8> DO NOT KNOW [missing][goto ec11d] <9> REFUSED [missing][goto ec11d]

>ec11c1<

  How many times in the past three months have you accessed this topic area?

         TIMES.............................0-90 @
         MORE THAN 100 TIMES.................91
         MISCELLANEOUS: NEC..................95

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

         [@] <0-90> VISITS FOR INFORMATION
               s [#specify]  <91> MORE THAN 100 TIMES <95> MISCELLANEOUS: NEC
              <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>ec11d<
   (Have you ever visited the topic area  . . .)

   Business services?

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

                        DO NOT KNOW....8
                        REFUSED........9
         [@]<1> YES <5> NO[goto ec11e]
            <8> DO NOT KNOW [missing][goto ec11e] <9> REFUSED [missing][goto ec11e]

>ec11d1<

  How many times in the past three months have you accessed this topic area?

         TIMES.............................0-90 @
         MORE THAN 100 TIMES.................91
         MISCELLANEOUS: NEC..................95

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

         [@] <0-90> VISITS FOR INFORMATION
               s [#specify]
             <91> MORE THAN 100 TIMES <95> MISCELLANEOUS: NEC
             <98> DO NOT KNOW[missing] <99> REFUSED [missing]


>ec11e<
   (Have you ever visited the topic area  . . .)

   Michigan government?

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

```
                         DO NOT KNOW....8
                         REFUSED........9
        [@]<1> YES <5> NO[goto ec11f]
           <8> DO NOT KNOW [missing][goto ec11f] <9> REFUSED [missing][goto ec11f]

>ec11e1<

 How many times in the past three months have you accessed this topic area?

         TIMES.............................0-90 @
         MORE THAN 100 TIMES................91
         MISCELLANEOUS: NEC.................95

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

         [@] <0-90> VISITS FOR INFORMATION
                s [#specify]
            <91> MORE THAN 100 TIMES  <95> MISCELLANEOUS: NEC
            <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>ec11f<

 (Have you ever visited the topic area  . . .)

  Licensing, certification and permits?

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

                    DO NOT KNOW....8
                    REFUSED........9
        [@]<1> YES <5> NO[goto ec11g]
           <8> DO NOT KNOW [missing][goto ec11g] <9> REFUSED [missing][goto ec11g]

>ec11f1<

 How many times in the past three months have you accessed this topic area?

         TIMES.............................0-90 @
         MORE THAN 100 TIMES................91
         MISCELLANEOUS: NEC.................95

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

         [@] <0-90> VISITS FOR INFORMATION
                s [#specify]
            <91> MORE THAN 100 TIMES  <95> MISCELLANEOUS: NEC
            <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>ec11g<

 Overall, how satisfied or dissatisfied are you with the information and
 services available on government websites?

 Would you say very satisfied, somewhat satisfied, somewhat dissatisfied
 or very dissatisfied?

         VERY SATISFIED.....................1 @
         SOMEWHAT SATISFIED.................2
         SOMEWHAT DISSATISFIED..............3
         VERY DISSATISFIED..................4

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

     [@] <1> VERY SATISFIED  <2> SOMEWHAT SATISFIED <3>SOMEWHAT DISSATISFIED
         <4> VERY DISSATISFIED
         <8> DO NOT KNOW [missing]<9> REFUSED [missing]
```

```
>ec12a<  [if ec2 le <4> goto ec13a]

 As you may know, on state of Michigan websites you can do many
 transactions, such as renewing your driver's license, purchasing hunting
 and fishing licenses, making reservations at campgrounds and parks,
 getting information about health and safety, and preparing your state income
 tax forms.

 Next time you need to complete a state government transaction, how
 likely is it that you would do it via the web?

 Would you say you would be very likely, somewhat likely, not very likely,
 or not likely at all?

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

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

    [@] <1> VERY LIKELY <2> SOMEWHAT LIKELY <3> NOT VERY LIKELY[goto ec12a2]<4> NOT
LIKELY AT ALL[goto ec12a2]
       <8> DO NOT KNOW[missing][goto ec13a]  <9> REFUASED [missing][goto ec13a]

>ec12a1<

 What services or transactions do you think you would most likely do?

     DRIVERS LISCENSE RENEWAL/ID RENEWAL.......1   FIRST MENTION    @a
     PLATES/REGISTRATION......................2
     TAXES/INCOME TAXES.......................3   SECOND MENTION   @b
     PARK/CAMPING RESERVATIONS.................4
     HUNTING/FISHING LISCENCES................5

     GENERAL INFORMATION LOOKUPS..............6

     MISCELLANEOUS...........................90
          NO OTHERS MENTIONED.......95
          DO NOT KNOW...............98


        [@a] 0
           <1> DRIVERS LISCENSE RENEWAL/ID RENEWAL <2> PLATES/REGISTRATION
           <3> TAXES/INCOME TAXES <4> PARK/CAMPING RESERVATIONS <5> HUNTING/FISHING
LISCENSES
           <6> GENERAL INFORMATION LOOKUPS  <90> MISCELLANEOUS [#specify]
          <95> NO OTHERS MENTIONED <98> DO NOT KNOW[missing] <99> REFUSED [missing]
        [@b] 0  [#specify] <95> NO OTHERS MENTIONED
           <1> DRIVERS LISCENSE RENEWAL/ID RENEWAL <2> PLATES/REGISTRATION
           <3> TAXES/INCOME TAXES <4> PARK/CAMPING RESERVATIONS <5> HUNTING/FISHING
LISCENSES
           <6> GENERAL INFORMATION LOOKUPS  <90> MISCELLANEOUS [#specify]
          <98> DO NOT KNOW[missing] <99> REFUSED [missing]
          REFUSED/NO ANSWER..........99
        [default goto ec13a]
>ec12a2<

 Why would you not use state government websites?

  NOT USER OF INTERNET/LIMITED USE OF WEB...1    FIRST MENTION    @a
  TRUST/CONFIDENTIALITY/SECURITY ISSUES.....2    SECOND MENTION   @b
  RATHER DO IN PERSON/BY MAIL...............3
  UNSURE HOW TO USE WEBSITES................4
  LIMITED SERVICES AVAILABLE ON WEB.........5
  NO NEED/NO INTEREST IN USING WEB..........6
```

```
   TRIED WEB/DID NOT LIKE USING WEB..........7

  MISCELLANEOUS...........................90
           NO OTHERS MENTIONED.......95
           DO NOT KNOW...............98

        [@a] 0 [#specify]
            <1> DRIVERS LISCENSE RENEWAL/ID RENEWAL <2> PLATES/REGISTRATION
            <3> TAXES/INCOME TAXES <4> PARK/CAMPING RESERVATIONS <5> HUNTING/FISHING
LISCENSES
            <6> GENERAL INFORMATION LOOKUPS <7> TRIED WEB/DID NOT LIKE USING WEB C
            <90> MISCELLANEOUS [#specify]
                <98> DO NOT KNOW[missing] <99> REFUSED [missing]
        [@b] 0 [#specify] <95>NO OTHERS
            <1> DRIVERS LISCENSE RENEWAL/ID RENEWAL <2> PLATES/REGISTRATION
            <3> TAXES/INCOME TAXES <4> PARK/CAMPING RESERVATIONS <5> HUNTING/FISHING
LISCENSES
            <6> GENERAL INFORMATION LOOKUPS  <90> MISCELLANEOUS [#specify]
            <98> DO NOT KNOW[missing] <99> REFUSED [missing]
            REFUSED/NO ANSWER..........99

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

>ec13a< [if ec2 eq <5> goto ec14a]

 Next, I would like to read you some statements about the use of government
 websites and have you tell me to what extent you agree or disagree with
 each.

 It is easy to learn how to use government websites.

 Would you say you strongly agree, somewhat agree, somewhat disagree, or
 strongly disagree with the statement?

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

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

   [@]<1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE <4> STRONGLY
DISAGREE
      <8>[missing] DON'T KNOW <9>[missing] REFUSED

>ec13b<

 Government websites are clear and understandable.


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

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

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

   [@]<1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE <4> STRONGLY
DISAGREE
      <8>[missing] DON'T KNOW <9>[missing] REFUSED

>ec13c<

 I have no difficulty using government websites.
```

```
           (Would you say you strongly agree, somewhat agree, somewhat disagree, or
           strongly disagree with the statement?)

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

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

           [@]<1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE <4> STRONGLY
        DISAGREE
                <8>[missing] DON'T KNOW <9>[missing] REFUSED

        >ec14a< [if ec2 le <4> goto lu1]

         Next, I would like to read you some statements about the use of government
         websites and have you tell me to what extent you agree or disagree with
         each.

         Using government websites would enable me to accomplish my tasks more
         effectively.

         Would you say you strongly agree, somewhat agree, somewhat disagree, or
         strongly disagree with the statement?

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

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

           [@]<1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE <4> STRONGLY
        DISAGREE
                <8>[missing] DON'T KNOW <9>[missing] REFUSED

        >ec14b<

         Government websites could make it easier for me to do transactions with
         different government agencies.

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

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

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

           [@]<1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE <4> STRONGLY
        DISAGREE
                <8>[missing] DON'T KNOW <9>[missing] REFUSED
        >ec14c<

         I would find government websites useful.

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

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

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

    [@]<1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE <4> STRONGLY
DISAGREE
        <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>lu1< [settime istop][settime lstart]

 Next, I have a few questions about land use in Michigan. Land use refers to
 the use of land for purposes such as residential, commercial, industrial,
 agriculture, and recreation.

 One land use issue is that of urban sprawl. Urban sprawl is the process of
 residential and commercial development spreading out into undeveloped areas
 or agricultural areas.

 How concerned are you about urban sprawl in the county or region in which
 you live?

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

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

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

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

>lu2<

 How concerned are you about urban sprawl in the State of Michigan as a
 whole?

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

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

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

>lu3<

 How much planning and regulation should there be concerning land use?

 Should there be more than there is now, less than there is now, or about
 the same as now?

```
        MORE THAN THERE IS NOW..............1 @
        LESS THAN THERE IS NOW.............3
        ABOUT THE SAME AS NOW..............5

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

   [@] <1> MORE THAN THERE IS NOW  <3> LESS THAN THERE IS NOW <5> ABOUT THE SAME AS NOW
       <8> DO NOT KNOW [missing]  <9> REFUSED [missing]
```

>lu4<

 How much of a role do you think the state should play in land use

planning and regulation?

Should it play a greater role than it does now, less of a role than it does
now, or should the state's role remain at its current level.

```
        GREATER ROLE THAN NOW...............1 @
        LESS OF A ROLE THAN NOW.............3
        ROLE REMAIN AT CURRENT LEVEL.......5

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

   [@] <1> MORE THAN THERE IS NOW <3> LESS THAN THERE IS NOW <5> ABOUT THE SAME AS NOW
       <8> DO NOT KNOW [missing] <9> REFUSED [missing]

>lu4a<
 There have been several suggestions on how best to approach land use
 issues between state and local government. I'd like to read you
 a couple of suggestions and have you tell me to what extent you agree or
 disagree with each.

 State government should encourage local governments to work together to
 develop coordinated land use plans to manage growth.

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

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

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

   [@] <1> STRONGLY SUPPORT <2> SOMEWHAT SUPPORT <3> SOMEWHAT OPPOSE <4> STRONGLY
OPPOSE
       <8> DO NOT KNOW[missing] <9> REFUSED [missing]
>lu4b<

 State government should use financial incentives to encourage
 cooperation between local units of government on land use decisions.

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

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

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

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

>lu4c<

 Local units of government should coordinate their land use planning
 on a regional scale.

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

 [yellow]IWER: USE THIS DEFINITION: "By region we mean within your county and

```
 neighboring counties".[n]

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

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

  [@] <1> STRONGLY SUPPORT[goto lu5b] <2> SOMEWHAT SUPPORT[goto lu5b] <3> SOMEWHAT
OPPOSE <4> STRONGLY OPPOSE
      <8> DO NOT KNOW[missing][goto lu6]  <9> REFUSED [missing][goto lu6]

>lu5a<

  Would you still feel that way if regional cooperation would cut
  administrative costs and improve efficiency in delivery of services?


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

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

    [@] <1> YES  <5> NO
        <8> DO NOT KNOW[missing] <9> REFUSED [missing]
        [default goto lu6]

>lu5b<

   Would you still feel that way if regional cooperation did not make the
   government any more efficient or reduce costs?

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

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

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

>lu6<

  In your opinion, do private property owners have an absolute right to
  develop or use their land as they see fit?

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

        IT DEPENDS..............7

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

    [@] <1> YES  <5> NO  <7> IT DEPENDS
        <8> DO NOT KNOW[missing] <9> REFUSED [missing]

>lu7a<

  Next, I am going to read to you several ways in which the government
  currently regulates the use of private property. Please tell me to
  what extent you support or oppose each.


  Restricting development to protect environmentally sensitive areas.

  Would you say you strongly support, somewhat support, somewhat oppose, or
```

```
   strongly oppose this?

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

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

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


>lu7b<

  Acquiring private property for public use such as building a highway or
  placing power lines.

  Would you say you strongly support, somewhat support, somewhat oppose, or
  strongly oppose this?

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

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

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

>lu7c<

  Restricting development to protect farmland.

  Would you say you strongly support, somewhat support, somewhat oppose, or
  strongly oppose this?

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

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

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


>lu7d<

  Making it easier for cities to redistribute property where taxes have
  not been paid.

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

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

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

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

>lu8<

  On a scale of 1 to 5 where 1 means you are not informed at all and 5 means
  you are very informed, how informed would you say you are concerning land
  use issues in Michigan?

                    NOT INFORMED AT ALL.............1 @
                                          2 - 4
                    VERY INFORMED..................5

                         DO NOT KNOW.......8
                         REFUSED..........9
         [@]<1> NOT INFORMED AT ALL <2-4> <5> VERY INFORMED
            <8> DO NOT KNOW[missing]  <9> REFUSED [missing]



>CD1<    [settime lstop]

   Now, 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    BAPTIST..........4
    ISLAMIC/MUSLIM..........................2     METHODIST.......4
    JEWISH..................................3     LUTHERAN........4
    PROTESTANT..............................4     EPISCOLPALIAN....4
    OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5
    OTHER ,.................................6
    OTHER CHRISTIAN - 7TH DAY ADVENTIST, ETC.7
    OTHER - NEC (NO WHERE ELSE CLASSIFIED)...8 @

                  DON'T KNOW.....................98
                  REFUSED........................99
          [yellow]A HELP SCREEN IS AVAILABLE BY HITTING 'h'[n]

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


>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

              [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

              [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
              [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<
  Next, I have just a couple of questions about you and your family.

  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 CD15]
     Including yourself, how many individuals who are 18 years of age or

```
    older live in your household?

            ADULTS...............................1>10 @

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


>CD15<
  We are interested in learning about the different ways people may earn
  their living.  Last week, were you working full-time, part-time, going
  to school, a 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 @

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

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




>UN1< [if CD15 ge <6> goto UN2]
  Are you [green]currently[n] a member of a union or are you represented by
  a union?

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

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

>UN2<
    Have you [green]ever[n] been a member of a union or represented by a union?

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

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

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

>UN3<
    Is anyone else in your household a member of a union or represented by a
    union?

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

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

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


>inca<
  To get a picture of people's financial situations, we'd like to know the
  general [green]range of incomes[n] of all households we interview.  This is
  for statistical analysis purposes and your answers will be kept strictly
  confidential.  Now, thinking about your [green]household's[n] total annual
  income from all sources (including your job), did your household receive
  $30,000 or more in 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<
   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]
             <h>[etc <h>][help defcomm]



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

          What is your zip code?


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


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

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

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

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

>RI<
     In a couple of months, we'd like to recontact some of the people we've spoken
     with for a shorter interview. Would you be willing to participate again in a
     couple of months 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< [subtime lstart from lstop into landuse]
      [subtime istart from istop into internet]
      [subtime tstart from tstop into terror]
      [goto MOD7]

>B1< [if RAND ge <50> goto B1b][define <m><1>][define <r><2>][define <s><3>][define
<c><4>][define <p><5>]
 As you may know 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, reduce revenue sharing to local governments,reduce
```

aid to local schools, reduce aid to colleges, or reduce prison spending by
releasing prisoners early?

[yellow]USE THESE DEFINTIONS: Revenue sharing to local governments is giving state
tax
dollars to local governments to support police and fire protection, street
and road maintenance, and other services such as parks, recreation and
administration. Medicaid is health care for low income and needy people[n]

                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, reduce aid to local schools,
 reduce aid to colleges, reduce prison spending by releasing prisoners
 early, or reduce medicaid spending?

 [yellow]USE THESE DEFINTIONS: Revenue sharing to local governments is giving state
tax
 dollars to local governments to support police and fire protection, street
 and road maintenance, and other services such as parks, recreation and
 administration. Medicaid is health care for low income and needy people[n]

                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, reduce prison spending
 by releasing prisoners early, reduce medicaid spending or reduce revenue
 sharing to local governments?

 [yellow]USE THESE DEFINTIONS: Revenue sharing to local governments is giving state
tax
 dollars to local governments to support police and fire protection, street
 and road maintenance, and other services such as parks, recreation and
 administration. Medicaid is health care for low income and needy people[n]

                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, reduce prison spending by releasing prisoners early,
 reduce medicaid spending, reduce revenue sharing to local governments or
 reduce aid to local schools?

 [yellow]USE THESE DEFINTIONS: Revenue sharing to local governments is giving state
tax
 dollars to local governments to support police and fire protection, street
 and road maintenance, and other services such as parks, recreation and
 administration. Medicaid is health care for low income and needy people[n]

                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, reduce revenue sharing to local governments, reduce aid to local
schools, or reduce aid to colleges?

[yellow]USE THESE DEFINTIONS: Revenue sharing to local governments is giving state
tax
 dollars to local governments to support police and fire protection, street
 and road maintenance, and other services such as parks, recreation and
 administration. Medicaid is health care for low income and needy people[n]

                  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 PO2]


>B1b< [define <m><1>][define <r><2>][define <s><3>][define <c><4>][define <p><5>]
 As you may know 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, 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, 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, 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, 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.

                   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 PO2]


>contacts< [equiv icomplete position 4][allow 2]
>length<[allow 4]
>idate< [allow 8]
>iwer< [allow 3]
>final<  [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 30".

DATA LIST fixed records=4
  FILE='d:\soss30\new5.dat'
 /1          CASEID 1-5           ID1 1-5 (A)          R1 6 (A)
            cnty 7-11 (A)         regn 12         random1 13 (A)
             listed 14            CC1 15              CC2 16
              CC3 17              CC4 18              CC5 19
              CC6 20              PO2 21              PO1 22
             SEC4 23              CG2 24          CG2a@a 25-26
          CG2a@b 27-28           US13 29             US15 30
             US16 31              IS1 32            isflup 33
               i1 34             i2 35-36             ec1 37
              ec2 38              ec3 39              ec4 40
              ec5 41              ec6 42              ec7 43
              ec8 44              ec9 45          ec10a 46-47
          ec10b 48-49            ec11a 50          ec11a1 51-52
            ec11b 53           ec11b1 54-55          ec11c 56
          ec11c1 57-58           ec11d 59          ec11d1 60-61
            ec11e 62           ec11e1 63-64          ec11f 65
          ec11f1 66-67           ec11g 68           ec12a 69
         ec12a1@a 70-71       ec12a1@b 72-73      ec12a2@a 74-75
         ec12a2@b 76-77
 /2          ec13a 7             ec13b 8             ec13c 9
            ec14a 10            ec14b 11            ec14c 12
              lu1 13              lu2 14              lu3 15
              lu4 16             lu4a 17             lu4b 18
             lu4c 19             lu5a 20             lu5b 21
              lu6 22             lu7a 23             lu7b 24
             lu7c 25             lu7d 26              lu8 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          CD15 55-56            UN1 57
              UN2 58              UN3 59             inca 60
             incb 61             incc 62             incd 63
             ince 64             incf 65             incg 66
           income 67            CD26 68             X1 69-70
          zipcode 71-75
 /3          RI@a 7               B1 23              B1b 24
 /4         iwer1 1            iwer2@a 2           iwer2@b 3
          iwer2@c 4           iwer2@d 5           iwer2@e 6
            iwer3 7           iwer4@a 8           iwer4@b 9
          contacts 13-14 (A)   length 15-18 (A)
            idate 19-26 (A)        final 30-31 (A)


    .


VARIABLE LABELS
   CASEID    'case identification number' /
   ID1       'Case Identification Number' /
   R1        'Data Record I' /
   cnty      'County' /
   regn      'Region' /
   random1   'Random Digit' /
   listed    'Phone Number Type' /
   CC1       'Past Financial' /
   CC2       'Future Financial' /
   CC3       'Current Financial' /
   CC4       'Inflation Rate' /
   CC5       'Unemployment Situtation' /
   CC6       'Business Conditions' /
```

```
PO2        'Granholm Rating' /
PO1        'Bush Rating' /
SEC4       'Terrorist Attack' /
CG2        'Responsibility Terrorism' /
CG2a@a     'Responsibility - 1st Mention' /
CG2a@b     'Responsibility - 2nd Mention' /
US13       'US Role World Affairs' /
US15       'Approach World Situations' /
US16       'Leadership Role' /
IS1        'Israeli - Palestinians' /
isflup     'Israeli - Palestinians - Follow Up' /
i1         'Internet Use' /
i2         'Access Internet' /
ec1        'Federal Government Websites' /
ec2        'Michigan Government Websites' /
ec3        'Local Government Websites' /
ec4        'Use Government Websites' /
ec5        'Registered Government Website' /
ec6        'E-mailed Government Official' /
ec7        'Posted Comments' /
ec8        'Concerned Privacy' /
ec9        'Concerned Security' /
ec10a      'State - Information Visits' /
ec10b      'State - Specific Transaction' /
ec11a      'Visit Education - Career' /
ec11a1     'Times - Education - Career' /
ec11b      'Visit - Family, Health, Safety' /
ec11b1     'Times - Family, Health, Safety' /
ec11c      'Visit Travel, Tourism, Recreation' /
ec11c1     'Time - Travel, Tourism, Recreation' /
ec11d      'Visit - Business Services' /
ec11d1     'Times - Business Services' /
ec11e      'Visit - Michigan Government' /
ec11e1     'Time - Michigan Government' /
ec11f      'Visit  - Liscensing, Certification, Permits' /
ec11f1     'Times - Liscensing, Certification, Permits' /
ec11g      'Satisfaction State Websites' /
ec12a      'Likely Use State Websites' /
ec12a1@a   'Services Likely Use - 1st Mention' /
ec12a1@b   'Services Likely Use - 2nd Mention' /
ec12a2@a   'Non-Users - 1st Mention' /
ec12a2@b   'Non-Users - 2nd Mention' /
ec13a      'Users - Ease of Learning' /
ec13b      'Users - Clear and Understandable' /
ec13c      'Users - No Difficulty' /
ec14a      'Non-Users - Increase Efficency' /
ec14b      'Non-Users - Easier Transactions' /
ec14c      'Non-Users - Useful' /
lu1        'Concern Local Sprawl' /
lu2        'Concern Sprawl State Michigan' /
lu3        'Amount Land Use Planning' /
lu4        'Role State Planning' /
lu4a       'Encourage Local Government Cooperation' /
lu4b       'Financial Incentives' /
lu4c       'Regional Planning' /
lu5a       'Regional Planning - Followup Version 1' /
lu5b       'Regional Planning - Followup Version 2' /
lu6        'Absolute Right - Private Property Owners' /
lu7a       'Protect Sensitive Areas' /
lu7b       'Property for Public Use' /
lu7c       'Protecting Farmland' /
lu7d       'Redistribute Property' /
lu8        'Knowledge Land Use' /
CD1        'Gender' /
CD2        'Year Born' /
CD3        'Education' /
CD5a       'Ethncity' /
CD4a@a     'Caucasian' /
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    'Political Identification' /
    P17@a      'Political Ideology' /
    P17@b      'Conservative' /
    P17@c      'Liberal' /
    P17@d      'Middle' /
    ideology   'Political Ideology' /
    CD8        'Marital Status' /
    CD10       'Adults' /
    CD15       'Employment Status' /
    UN1        'Union Member' /
    UN2        'Past Union Member' /
    UN3        'Union HH' /
    inca       '$35,000 or More' /
    incb       'Less Than $20,000' /
    incc       'Less than $10,000' /
    incd       '$60,000 or More' /
    ince       '$40,000 or More' /
    incf       '$50,000 or More' /
    incg       '$70,000 or More' /
    income     'Income' /
    CD26       'Phone Lines' /
    X1         'Community' /
    zipcode    'Zip Code' /
    RI@a       'Re-Interview' /
    B1         'Budget Version I' /
    B1b        'Budget Version II' /
    iwer1      'Interviewer Ethnicity' /
    iwer2@a    'Interviewer Caucasian' /
    iwer2@b    'Interviewer African American or Black' /
    iwer2@c    'Interviewer Hawaiian Pacific Islander' /
    iwer2@d    'Interviewer Asian' /
    iwer2@e    'Interviewer American Indian Alaska Native' /
    iwer3      'Iwer gender' /
    iwer4@a    'R Cooperation' /
    iwer4@b    'R Interest' /
    contacts   'Contacts' /
    length     'Interview Length' /
    idate      'Interview Date' /
    iwer       'Interviewer' /
    .

VALUE LABELS
    regn       1 'upper pen' 2 'northern' 3 'west central' 4 'east central'
               5 'southwest' 6 'southeast' 7 'Detroit' /
    listed     1 'LISTED' 2 'UNLISTED' /
    CC1        1 'BETTER OFF' 2 'ABOUT THE SAME' 3 'WORSE OFF' 8 'DO NOT KNOW'
               9 'REFUSED' /
    CC2        1 'BETTER OFF' 3 'ABOUT THE SAME' 5 'WORSE OFF' 8 'DO NOT KNOW'
               9 'REFUSED' /
    CC3        1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'
               8 'DO NOT KNOW' 9 'REFUSED' /
    CC4        1 'GO UP' 3 'GO DOWN' 5 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'
               9 'REFUSED' /
    CC5        1 'BETTER THAN' 3 'WORSE THAN' 5 'ABOUT THE SAME'
               8 'DO NOT KNOW' 9 'REFUSED' /
    CC6        1 'GOOD TIMES' 3 'BAD TIMES' 5 'NEITHER' 8 'DO NOT KNOW'
               9 'REFUSED' /
    PO2        1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
               9 'REFUSED' /
    PO1        1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'
               9 'REFUSED' /
    SEC4       1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED' 3 'NOT VERY CONCERNED'
               4 'NOT CONCERNED AT ALL' 8 'DON''T KNOW' 9 'REFUSED' /
```

```
CG2        1 'A LOT' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL' 8 'DON''T KNOW'
           9 'REFUSED' /
CG2a@a     0 'MENTION' 98 'DO NOT KNOW' 99 'REFUSED' /
CG2a@b     0 'MENTION' 95 'NO OTHERS MENTIONED' 98 'DO NOT KNOW'
           99 'REFUSED' /
US13       1 'ACTIVE PART IN WORLD AFFAIRS' 3 'STAYS OUT OF WORLD AFFAIRS'
           5 'DEPENDS ON SITUATION' 8 'DO NOT KNOW' 9 'REFUSED' /
US15       1 'GET OTHER COUNTRIES TO HELP'
           3 'DEALING WITH SITUATIONS ON ITS OWN'
           5 'DEPENDS ON SITUATION (VOLUNTEERS)'
           7 'US SHOULD DO NOTHING/STAY OUT OF AFFAIRS (VOLUNTEERS)'
           8 'DO NOT KNOW' 9 'REFUSED' /
US16       1 'SINGLE WORLD LEADER' 3 'SHARED LEADERSHIP ROLE'
           5 'NO LEADERSHIP ROLE' 7 'DEPENDS ON SITUATION' 8 'DO NOT KNOW'
           9 'REFUSED' /
IS1        1 'ISRAEL' 5 'PALESTINE' 7 'NEITHER/BOTH' 8 'DO NOT KNOW'
           9 'REFUSED' /
isflup     1 'ISRAEL' 5 'PALESTINE' 7 'NEITHER/BOTH' 8 'DO NOT KNOW'
           9 'REFUSED' /
i1         1 'DAILY' 2 '3 TO 4 TIMES A WEEK' 3 'ONCE A WEEK'
           4 'A COUPLE OF TIMES A MONTH' 5 'ONCE A MONTH'
           6 'A FEW TIMES A YEAR' 7 'NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
i2         0 'SOMEWHERE ELSE' 1 'HOME' 2 'WORK' 3 'SCHOOL' 4 'LIBRARY'
           5 'COMBINATION/HOME & WORK' 98 'DO NOT KNOW' 99 'REFUSED' /
ec1        1 'EVERYDAY' 2 'AT LEAST ONCE A WEEK' 3 'AT LEAST ONCE A MONTH'
           4 'AT LEAST ONCE A YEAR' 5 'NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
ec2        1 'EVERYDAY' 2 'AT LEAST ONCE A WEEK' 3 'AT LEAST ONCE A MONTH'
           4 'AT LEAST ONCE A YEAR' 5 'NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
ec3        1 'EVERYDAY' 2 'AT LEAST ONCE A WEEK' 3 'AT LEAST ONCE A MONTH'
           4 'AT LEAST ONCE A YEAR' 5 'NEVER' 8 'DO NOT KNOW' 9 'REFUSED' /
ec4        0 'SOMETHING ELSE: OTHER' 1 'WORK PURPOSES'
           3 'PERSONAL PURPOSES' 5 'BOTH' 8 'DO NOT KNOW' 9 'REFUSED' /
ec5        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec6        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec7        1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec8        1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED' 3 'NOT VERY CONCERNED'
           4 'NOT CONCERNED AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
ec9        1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED' 3 'NOT VERY CONCERNED'
           4 'NOT CONCERNED AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
ec10a      0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 92 'MISCELLANEOUS: NEC'
           98 'DO NOT KNOW' 99 'REFUSED' /
ec10b      0 'VISITS FOR SERVICES' 90 'VISITS FOR SERVICES'
           91 'MORE THAN 100 TIMES' 92 'MICELLANOUS: NEC' 98 'DO NOT KNOW'
           99 'REFUSED' /
ec11a      1 'YES' 5 'NO' 7 'NEVER ACCESSED WWW.MICHIGAN.STATE.GOV'
           8 'DO NOT KNOW' 9 'REFUSED' /
ec11a1     0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 95 'MISCELLANOUS: NEC' 98 'DO NOT KNOW'
           99 'REFUSED' /
ec11b      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec11b1     0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 95 'MISCELLANEOUS: NEC'
           98 'DO NOT KNOW' 99 'REFUSED' /
ec11c      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec11c1     0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 95 'MISCELLANEOUS: NEC'
           98 'DO NOT KNOW' 99 'REFUSED' /
ec11d      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec11d1     0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 95 'MISCELLANEOUS: NEC'
           98 'DO NOT KNOW' 99 'REFUSED' /
ec11e      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec11e1     0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 95 'MISCELLANEOUS: NEC'
           98 'DO NOT KNOW' 99 'REFUSED' /
ec11f      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
ec11f1     0 'VISITS FOR INFORMATION' 90 'VISITS FOR INFORMATION'
           91 'MORE THAN 100 TIMES' 95 'MISCELLANEOUS: NEC'
           98 'DO NOT KNOW' 99 'REFUSED' /
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ec11g     1 'VERY SATISFIED' 2 'SOMEWHAT SATISFIED'
          3 'SOMEWHAT DISSATISFIED' 4 'VERY DISSATISFIED' 8 'DO NOT KNOW'
          9 'REFUSED' /
ec12a     1 'VERY LIKELY' 2 'SOMEWHAT LIKELY' 3 'NOT VERY LIKELY'
          4 'NOT LIKELY AT ALL' 8 'DO NOT KNOW' 9 'REFUASED' /
ec12a1@a  1 'DRIVERS LISCENSE RENEWAL/ID RENEWAL' 2 'PLATES/REGISTRATION'
          3 'TAXES/INCOME TAXES' 4 'PARK/CAMPING RESERVATIONS'
          5 'HUNTING/FISHING LISCENSES' 6 'GENERAL INFORMATION LOOKUPS'
          90 'MISCELLANEOUS' 95 'NO OTHERS MENTIONED' 98 'DO NOT KNOW'
          99 'REFUSED' /
ec12a1@b  1 'DRIVERS LISCENSE RENEWAL/ID RENEWAL' 2 'PLATES/REGISTRATION'
          3 'TAXES/INCOME TAXES' 4 'PARK/CAMPING RESERVATIONS'
          5 'HUNTING/FISHING LISCENSES' 6 'GENERAL INFORMATION LOOKUPS'
          90 'MISCELLANEOUS' 95 'NO OTHERS MENTIONED' 98 'DO NOT KNOW'
          99 'REFUSED' /
ec12a2@a  1 'DRIVERS LISCENSE RENEWAL/ID RENEWAL' 2 'PLATES/REGISTRATION'
          3 'TAXES/INCOME TAXES' 4 'PARK/CAMPING RESERVATIONS'
          5 'HUNTING/FISHING LISCENSES' 6 'GENERAL INFORMATION LOOKUPS'
          90 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /
ec12a2@b  1 'DRIVERS LISCENSE RENEWAL/ID RENEWAL' 2 'PLATES/REGISTRATION'
          3 'TAXES/INCOME TAXES' 4 'PARK/CAMPING RESERVATIONS'
          5 'HUNTING/FISHING LISCENSES' 6 'GENERAL INFORMATION LOOKUPS'
          90 'MISCELLANEOUS' 95 'NO OTHERS' 98 'DO NOT KNOW' 99 'REFUSED' /
ec13a     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DON''T KNOW' 9 'REFUSED' /
ec13b     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DON''T KNOW' 9 'REFUSED' /
ec13c     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DON''T KNOW' 9 'REFUSED' /
ec14a     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DON''T KNOW' 9 'REFUSED' /
ec14b     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DON''T KNOW' 9 'REFUSED' /
ec14c     1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
          4 'STRONGLY DISAGREE' 8 'DON''T KNOW' 9 'REFUSED' /
lu1       1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
          3 'NOT CONCERNED AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
lu2       1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED'
          3 'NOT CONCERNED AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
lu3       1 'MORE THAN THERE IS NOW' 3 'LESS THAN THERE IS NOW'
          5 'ABOUT THE SAME AS NOW' 8 'DO NOT KNOW' 9 'REFUSED' /
lu4       1 'MORE THAN THERE IS NOW' 3 'LESS THAN THERE IS NOW'
          5 'ABOUT THE SAME AS NOW' 8 'DO NOT KNOW' 9 'REFUSED' /
lu4a      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu4b      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu4c      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu5a      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
lu5b      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
lu6       1 'YES' 5 'NO' 7 'IT DEPENDS' 8 'DO NOT KNOW' 9 'REFUSED' /
lu7a      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu7b      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu7c      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu7d      1 'STRONGLY SUPPORT' 2 'SOMEWHAT SUPPORT' 3 'SOMEWHAT OPPOSE'
          4 'STRONGLY OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
lu8       1 'NOT INFORMED AT ALL' 5 'VERY INFORMED' 8 'DO NOT KNOW'
          9 'REFUSED' /
CD1       1 'MALE' 5 'FEMALE' /
CD2       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'
          98 'DO NOT KNOW' 99 'REFUSED' /
CD5a      1 'YES, HISPANIC' 5 'NO, NOT HISPANIC' /
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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; NO RELIGIOUS GROUP'
          1 'CATHOLIC; ROMAN CATHOLIC, ORTHODOX' 2 'ISLAMIC/MUSLIM'
          3 'JEWISH' 4 'PROTESTANT' 5 'OTHER NON-CHRISTIAN'
          7 'MORMON, LATTER DAY SAINTS'
          8 'OTHER CHRISTIAN - 7TH DAY ADVENTIST' 98 'DO NOT KNOW'
          99 'REFUSED' /
CD7@a     1 'REPUBLICAN' 4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW'
          9 'REFUSED' /
CD7@b     1 'STRONGLY REPUBLICAN' 2 'NOT VERY STRONG REPUBLICAN'
          8 'DO NOT KNOW' 9 'REFUSED' /
CD7@c     6 'NOT VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'
          9 'REFUSED' /
CD7@d     3 'REPUBLICAN' 4 'NEITHER' 5 'DEMOCRAT' 8 'DO NOT KNOW'
          9 'REFUSED' /
partyid   0 'Other' 1 'strong republican' 2 'not strong rep'
          3 'lean republican' 4 'neither' 5 'lean democrat'
          6 'not strong dem' 7 'strong democrat' 8 'DO NOT KNOW'
          9 'REFUSED' /
P17@a     1 'CONSERVATIVE' 4 'NEITHER' 7 'LIBERAL' 8 'DO NOT KNOW'
          9 'REFUSED' /
P17@b     1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE' 8 'DO NOT KNOW'
          9 'REFUSED' /
P17@c     6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DO NOT KNOW'
          9 'REFUSED' /
P17@d     3 'CLOSER CONSERVATIVE' 4 'IN THE MIDDLE' 5 'CLOSER LIBERAL'
          8 'DO NOT KNOW' 9 'REFUSED' /
ideology  0 'other' 1 'very conservative' 2 'somewhat conservative'
          3 'lean conservative' 4 'middle' 5 'lean liberal'
          6 'somewhat liberal' 7 'very 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' /
CD10      1 'ADULTS' 98 'DO NOT KNOW' 99 'REFUSED' /
CD15      1 'WORK FULL TIME' 2 'WORK PART TIME' 3 'WORK AND GO TO SCHOOL'
          4 'IN THE ARMED FORCES' 5 'JOB, DID NOT WORK LAST WEEK'
          6 'UNEMPLOYED' 7 'RETIRED' 8 'SCHOOL FULL-TIME' 9 'HOMEMAKER'
          10 'DISABLED' 98 'DO NOT KNOW' 99 'REFUSED' /
UN1       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
UN2       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
UN3       1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
inca      1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incb      1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incc      1 'YES' 5 'NOT' 8 'DO NOT KNOW' /
incd      1 'YES' 5 'NO' 8 'DO NOT KNOW' /
ince      1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incf      1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incg      1 'YES' 5 'NO' 8 'DO NOT KNOW' /
income    1 '$10,000 or less' 2 '$10,000-19,999' 3 '$20,000-29,999'
          4 '$30,000-39,999' 5 '$40,000-49,999' 6 '$50,000-59,999'
          7 '$60,000-69,999' 8 '$70,000 or more' 98 'DO NOT KNOW'
          99 'REFUSED' /
CD26      1 'PHONE NUMBERS' 8 'DO NOT KNOW' /
X1        0 'OTHER' 1 'RURAL COMMUNITY' 2 'SMALL CITY OR TOWN, VILLAGE'
          3 'A SUBURB' 5 'URBAN COMMUNITY' 98 'DO NOT KNOW' 99 'REFUSED' /
zipcode   8 'DO NOT KNOW' 48000 'ZIP CODE' 49999 'ZIP CODE' /
RI@a      1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
B1        1 'REDUCE MEDICAID' 2 'REDUCE STATE REVENUE SHARING'
          3 'REDUCE AID TO SCHOOLS' 4 'REDUCE AID TO COLLEGES'
          5 'CUT PRISON SPENDING' 8 'DO NOT KNOW' 9 'REFUSED' /
B1b       1 'REDUCE MEDICAID' 2 'REDUCE STATE REVENUE SHARING'
          3 'REDUCE AID TO SCHOOLS' 4 'REDUCE AID TO COLLEGES'
          5 'CUT PRISON SPENDING' 8 'DO NOT KNOW' 9 'REFUSED' /
iwer1     1 'YES, HISPANIC' 5 'NO, NOT HISPANIC' 9 'MISSING' /
iwer2@a   1 'YES' 5 'NO' 9 'MISSING' /
iwer2@b   1 'YES' 5 'NO' 9 'MISSING' /
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    iwer2@c   1 'YES' 5 'NO' 9 'MISSING' /
    iwer2@d   1 'YES' 5 'NO' 9 'MISSING' /
    iwer2@e   1 'YES' 5 'NO' 9 'MISSING' /
    iwer3     1 'MALE' 5 'FEMALE' 9 'MISSING' /
    iwer4@a   1 'Very cooperative' 2 'Somewhat cooperative'
              3 'Not very cooperative' 4 'Not at all cooperative' 9 'MISSING' /
    iwer4@b   1 'Very interested' 2 'Somewhat interested'
              3 'Not very interested' 4 'Not at all interested' 9 'MISSING' /
    .

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

MISSING VALUES  CC1 (9,8).
MISSING VALUES  CC2 (9,8).
MISSING VALUES  CC3 (9,8).
MISSING VALUES  CC4 (9,8).
MISSING VALUES  CC5 (9,8).
MISSING VALUES  CC6 (9,8).
MISSING VALUES  PO2 (9,8).
MISSING VALUES  PO1 (9,8).
MISSING VALUES  SEC4 (9,8).
MISSING VALUES  CG2 (9,8).
MISSING VALUES  CG2a@a (99,98).
MISSING VALUES  CG2a@b (99,98).
MISSING VALUES  US13 (9,8).
MISSING VALUES  US15 (9,8).
MISSING VALUES  US16 (9,8).
MISSING VALUES  IS1 (9,8).
MISSING VALUES  isflup (9,8).
MISSING VALUES  i1 (9,8).
MISSING VALUES  i2 (99,98).
MISSING VALUES  ec1 (9,8).
MISSING VALUES  ec2 (9,8).
MISSING VALUES  ec3 (9,8).
MISSING VALUES  ec4 (9,8).
MISSING VALUES  ec5 (9,8).
MISSING VALUES  ec6 (9,8).
MISSING VALUES  ec7 (9,8).
MISSING VALUES  ec8 (9,8).
MISSING VALUES  ec9 (9,8).
MISSING VALUES  ec10a (99,98).
MISSING VALUES  ec10b (99,98).
MISSING VALUES  ec11a (9,8).
MISSING VALUES  ec11a1 (99,98).
MISSING VALUES  ec11b (9,8).
MISSING VALUES  ec11b1 (99,98).
MISSING VALUES  ec11c (9,8).
MISSING VALUES  ec11c1 (99,98).
MISSING VALUES  ec11d (9,8).
MISSING VALUES  ec11d1 (99,98).
MISSING VALUES  ec11e (9,8).
MISSING VALUES  ec11e1 (99,98).
MISSING VALUES  ec11f (9,8).
MISSING VALUES  ec11f1 (99,98).
MISSING VALUES  ec11g (9,8).
MISSING VALUES  ec12a (9,8).
MISSING VALUES  ec12a1@a (99,98).
MISSING VALUES  ec12a1@b (99,95).
MISSING VALUES  ec12a2@a (99,98).
MISSING VALUES  ec12a2@b (99,95).
MISSING VALUES  ec13a (9,8).
MISSING VALUES  ec13b (9,8).
MISSING VALUES  ec13c (9,8).
MISSING VALUES  ec14a (9,8).
MISSING VALUES  ec14b (9,8).
MISSING VALUES  ec14c (9,8).
MISSING VALUES  lu1 (9,8).
MISSING VALUES  lu2 (9,8).
MISSING VALUES  lu3 (9,8).
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MISSING VALUES  lu4 (9,8).
MISSING VALUES  lu4a (9,8).
MISSING VALUES  lu4b (9,8).
MISSING VALUES  lu4c (9,8).
MISSING VALUES  lu5a (9,8).
MISSING VALUES  lu5b (9,8).
MISSING VALUES  lu6 (9,8).
MISSING VALUES  lu7a (9,8).
MISSING VALUES  lu7b (9,8).
MISSING VALUES  lu7c (9,8).
MISSING VALUES  lu7d (9,8).
MISSING VALUES  lu8 (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).
MISSING VALUES  CD7@c (9,8).
MISSING VALUES  CD7@d (9,8).
MISSING VALUES  partyid (9,8).
MISSING VALUES  P17@a (9,8).
MISSING VALUES  P17@b (9,8).
MISSING VALUES  P17@c (9,8).
MISSING VALUES  P17@d (9,8).
MISSING VALUES  ideology (9,8).
MISSING VALUES  CD8 (9,8).
MISSING VALUES  CD10 (99,98).
MISSING VALUES  CD15 (99,98).
MISSING VALUES  UN1 (9,8).
MISSING VALUES  UN2 (9,8).
MISSING VALUES  UN3 (9,8).
MISSING VALUES  inca (9,8).
MISSING VALUES  incb (9,8).
MISSING VALUES  incc (9,8).
MISSING VALUES  incd (9,8).
MISSING VALUES  ince (9,8).
MISSING VALUES  incf (9,8).
MISSING VALUES  incg (9,8).
MISSING VALUES  income (99,98).
MISSING VALUES  CD26 (9,8).
MISSING VALUES  X1 (99,98).
MISSING VALUES  RI@a (9,8).
MISSING VALUES  B1 (9,8).
MISSING VALUES  iwer1 (9).
MISSING VALUES  iwer2@a (9,8).
MISSING VALUES  iwer2@b (9,8).
MISSING VALUES  iwer2@c (9,8).
MISSING VALUES  iwer2@d (9,8).
MISSING VALUES  iwer2@e (9,8).
MISSING VALUES  iwer3 (9,8).
MISSING VALUES  iwer4@a (9).
MISSING VALUES  iwer4@b (9).
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15. WEIGHTING COMMANDS

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

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

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

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

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

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

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

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

if (regn ne newregn2)regn=newregn2.

weight off.
freq var=listed.
compute listwt=1.
if (listed='2')listwt=3.8778.
if (listed='1' or listed='3')listwt=0.7145.
weight by listwt.
freq regn.


*weight off.
missing values cd26 ().
freq var=cd26.


recode cd26 (sysmis=9).

*    This weights households by number of phone lines.

compute phwt=1.
if (cd26 eq 1 or cd26 ge 8)phwt=1.0922*listwt.
if (cd26 eq 2)phwt=0.5461*listwt.
if (cd26 eq 3)phwt=0.3641*listwt.
if (cd26 eq 4)phwt=0.2730*listwt.
if (cd26 eq 5)phwt=0.2284*listwt.
if (cd26 eq 6)phwt=0.1820*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.

FREQUENCIES
```

```
   VARIABLES=cd26 cd10.


missing values cd10 ().

recode cd10 (sysmis=1).

*   This adjusts weight by number of adults in the household.

compute adltwt=phwt.
if (cd10=1)adltwt=phwt*0.5372.
if (cd10=2)adltwt=phwt*1.0744.
if (cd10=3)adltwt=phwt*1.6116.
if (cd10=4)adltwt=phwt*2.1488.
if (cd10=5)adltwt=phwt*2.6860.
if (cd10=6)adltwt=phwt*1.
if (cd10=7)adltwt=phwt*3.7603.
if (cd10=8)adltwt=phwt*1.
if (cd10=9)adltwt=phwt*1.
if (cd10=10)adltwt=phwt*1.
*if (cd10=98 or cd10=99) adltwt=phwt*.5473.

weight by adltwt.

freq var=cd10.


FREQUENCIES

  VARIABLES=cd1  cd2.

missing values 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=103)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.
count mult2=cd4a@a to cd4a@e(1).
if (mult2=0 and cd5a=1)races=1.
if (cd4a@a=1 and mult2=1)races=1.
if (cd4a@b=1 and mult2=1)races=2.
if (cd4a@c=1 and mult2=1)races=3.
if (cd4a@d=1 and mult2=1)races=4.
if (cd4a@e=1 and mult2=1)races=5.
if (mult2 gt 1 and cd4a@e=1)races=5.
```

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


***********************

freq var=listed.

compute adj1=adltwt* 1.00.

weight by adj1.
compute ovrsamwt=adj1.
*if (listed='1')ovrsamwt=ovrsamwt*1.905735.
*if (listed='3')ovrsamwt=ovrsamwt*0.110155.
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*0.8985.
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*1.0491.
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.0337.
if (imprace eq 2 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.4355.
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*0.2640.


if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.0175.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.9019.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.9257.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.3960.

if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.6217.
```

```
if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.1259.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.7261.
if (imprace eq 3 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.8895.
if (imprace eq 1 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*0.9144.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*0.9427.
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.


if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.9330.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*2.8600.
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.4991.
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.9776.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.5167.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.7834.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.9609.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.8178.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.5350.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.0167.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*4.3296.
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*3.1380.

if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.4916.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.7419.
if (imprace eq 3 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.1714.
if (imprace eq 1 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.2844.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*1.4649.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.5055.
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*1.8910.
if (agecat eq 2 and regn eq 1)agewt=racgenct*0.9713.
if (agecat eq 3 and regn eq 1)agewt=racgenct*1.3595.
if (agecat eq 4 and regn eq 1)agewt=racgenct*1.4503.
if (agecat eq 5 and regn eq 1)agewt=racgenct*0.7914.
if (agecat eq 6 and regn eq 1)agewt=racgenct*1.1559.
if (agecat eq 7 and regn eq 1)agewt=racgenct*0.6130.


if (agecat eq 1 and regn eq 2)agewt=racgenct*1.4530.
if (agecat eq 2 and regn eq 2)agewt=racgenct*0.6476.
if (agecat eq 3 and regn eq 2)agewt=racgenct*1.1407.
if (agecat eq 4 and regn eq 2)agewt=racgenct*1.0693.
if (agecat eq 5 and regn eq 2)agewt=racgenct*0.9891.
if (agecat eq 6 and regn eq 2)agewt=racgenct*0.8965.
if (agecat eq 7 and regn eq 2)agewt=racgenct*0.9216.


if (agecat eq 1 and regn eq 3)agewt=racgenct*1.4144.
if (agecat eq 2 and regn eq 3)agewt=racgenct*1.1788.
if (agecat eq 3 and regn eq 3)agewt=racgenct*1.3103.
if (agecat eq 4 and regn eq 3)agewt=racgenct*1.2066.
if (agecat eq 5 and regn eq 3)agewt=racgenct*0.8834.
if (agecat eq 6 and regn eq 3)agewt=racgenct*0.6934.
if (agecat eq 7 and regn eq 3)agewt=racgenct*0.6431.
```

```
if (agecat eq 1 and regn eq 4)agewt=racgenct*1.6445.
if (agecat eq 2 and regn eq 4)agewt=racgenct*1.2546.
if (agecat eq 3 and regn eq 4)agewt=racgenct*1.5551.
if (agecat eq 4 and regn eq 4)agewt=racgenct*0.9652.
if (agecat eq 5 and regn eq 4)agewt=racgenct*0.7204.
if (agecat eq 6 and regn eq 4)agewt=racgenct*0.7338.
if (agecat eq 7 and regn eq 4)agewt=racgenct*0.8093.


if (agecat eq 1 and regn eq 5)agewt=racgenct*1.1635.
if (agecat eq 2 and regn eq 5)agewt=racgenct*1.4679.
if (agecat eq 3 and regn eq 5)agewt=racgenct*1.5056.
if (agecat eq 4 and regn eq 5)agewt=racgenct*1.2633.
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.5909.
if (agecat eq 6 and regn eq 5)agewt=racgenct*0.4342.
if (agecat eq 7 and regn eq 5)agewt=racgenct*1.1150.

if (agecat eq 1 and regn eq 6)agewt=racgenct*1.0027.
if (agecat eq 2 and regn eq 6)agewt=racgenct*1.2727.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.4059.
if (agecat eq 4 and regn eq 6)agewt=racgenct*1.1927.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.8611.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.8939.
if (agecat eq 7 and regn eq 6)agewt=racgenct*0.6567.


if (agecat eq 1 and regn eq 7)agewt=racgenct*0.9111.
if (agecat eq 2 and regn eq 7)agewt=racgenct*0.8147.
if (agecat eq 3 and regn eq 7)agewt=racgenct*0.8752.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.8683.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.6687.
if (agecat eq 6 and regn eq 7)agewt=racgenct*1.1111.
if (agecat eq 7 and regn eq 7)agewt=racgenct*1.3377.
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*1.01667.
if (regn=2)adjwt=agewt*1.11688.
if (regn=3)adjwt=agewt*1.00503.
if (regn=4)adjwt=agewt*0.96026.
if (regn=5)adjwt=agewt*1.03597.
if (regn=6)adjwt=agewt*0.93171.
if (regn=7)adjwt=agewt*0.99329.
*compute adjwt=adjwt*1.
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*0.3668.
if (regn=6)msuewt=adjwt*1.4907.
*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*0.5371.
if (msueregn eq 2)statewt=msuewt*0.6359.
if (msueregn eq 3)statewt=msuewt*0.6938.
if (msueregn eq 4)statewt=msuewt*0.5852.
if (msueregn eq 5)statewt=msuewt*0.9349.
if (msueregn eq 6)statewt=msuewt*1.5618.

compute statewt=statewt*0.9990.
weight by statewt.
freq var=newregn2 msueregn.

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 - 49,999'  6 '$50,000 - 59,999'  7 '$60,000 -
69,999'
   8 '$70,000 or More'  9 'DK'  0 'REF'.
missing values income newinc (0,9).
freq var=income newinc.
compute income=newinc.


if (length lt 10)length=0.

compute adjwtc=adjwt*10000.
compute msuewtc=msuewt*10000.
compute statewtc=statewt*10000.
freq var=msueregn.

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'/
     adjwtc 'ADJWT x 10000'/
     msuewtc  'MSUEWT x 10000'/
     statewtc  'STATEWT x 10000'.

write Outfile='f:\soss30\finalwt\soss30wt.dat'
 /1        CASEID 1-5           ID1 1-5 (A)              R1 6 (A)
           cnty 7-11            regn 12        random1 13 (A)
              listed 14            CC1 15              CC2 16
                 CC3 17            CC4 18              CC5 19
                 CC6 20            PO2 21              PO1 22
                SEC4 23            CG2 24          CG2a@a 25-26
           CG2a@b 27-28           US13 29             US15 30
              US16 31             IS1 32           isflup 33
                 i1 34          i2 35-36              ec1 37
                ec2 38            ec3 39              ec4 40
                ec5 41            ec6 42              ec7 43
                ec8 44            ec9 45         ec10a 46-47
           ec10b 48-49          ec11a 50         ec11a1 51-52
              ec11b 53        ec11b1 54-55            ec11c 56
           ec11c1 57-58          ec11d 59         ec11d1 60-61
              ec11e 62        ec11e1 63-64            ec11f 65
           ec11f1 66-67          ec11g 68            ec12a 69
           ec12a1@a 70-71     ec12a1@b 72-73    ec12a2@a 74-75
           ec12a2@b 76-77
 /2        ec13a 7              ec13b 8             ec13c 9
           ec14a 10             ec14b 11            ec14c 12
              lu1 13              lu2 14              lu3 15
              lu4 16             lu4a 17             lu4b 18
             lu4c 19             lu5a 20             lu5b 21
              lu6 22             lu7a 23             lu7b 24
             lu7c 25             lu7d 26              lu8 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         CD15 55-56              UN1 57
              UN2 58              UN3 59             inca 60
             incb 61             incc 62             incd 63
             ince 64             incf 65             incg 66
           income 67            CD26 68            X1 69-70
           zipcode 71-75
 /3        RI@a 7                B1 23               B1b 24
 /4        iwer1 1             iwer2@a 2           iwer2@b 3
           iwer2@c 4           iwer2@d 5           iwer2@e 6
           iwer3 7             iwer4@a 8           iwer4@b 9
           contacts 13-14      length 15-18
           idate 19-26         final 30-31
        races  41  mult2 42 AGECAT 43 ADJWTc 44-49
```

```
     MSUEREGN 50  MSUEWTc 51-56
       STATEWTc 57-62 rac3 63 AGE 64-66   imprace 67  .
execute .
```