METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-33]

Spring 2004 Round

Prepared by:

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NOTE TO THE READER

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

For the benefit of sponsors, consumers and users of SOSS data, we have prepared this guide to the purpose, design, methods, and content of the survey. Please address questions or comments to:

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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 33 was the most important problem for state government to address, the performance of and trust in government, term limits, land use policy options, factors affecting the attractiveness of cities, re-assessment of Proposal A which changed the property tax structure and funding of Michigan’s public education system, and internet access and 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 2004 survey was comprised of:

- Douglas Roberts, Director, IPPSR, MSU
- Brian D. Silver, Dept. of Political Science, MSU
- Rex LaMore, Dept. of Urban and Regional Planning, MSU
- Faron Supanich-Goldner, Dept. of Urban Affairs, MSU
- Carol Weissert, LeRoy Collins Eminent Scholar Chair, Dept. of Political Science, Florida State University
- Larry A. Hembroff, Survey Director, OSR-IPPSR, MSU
- Mark Wilson, Dept. of Geography, MSU
- Karen Clark, SOSS Project Manager, OSR-IPPSR, MSU
5. FUNDING

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

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

Michigan State University
Office of the Provost
Office of the Vice President for Research and Graduate Studies
Office of the Vice Provost for University Outreach
College of Communication Arts & Sciences
College of Human Ecology
College of Human Medicine
College of Osteopathic Medicine
College of Social Science
Department of Economics
Department of Political Science
Department of Psychology
Department of Radiology
Department of Sociology
MSU Institute for Children Youth and Families
Managed Care Institute
Institute for Public Policy and Social Research
Legislative Leadership Program
Michigan Agricultural Experiment Station
MSU Extension
School of Criminal Justice
School of Labor and Industrial Relations
School of Social Work
6. DISSEMINATION OF RESULTS

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

Each round of the survey has an identified set of Principal Investigators (PI's) who have priority in access to the data for that round but also certain obligations. The PI's are responsible for preparing and conducting a press briefing based on results of the survey within one week of the end of the field date. IPPSR’s outreach and design staff assist in this effort, working with MSU University Relations.

The PI's have exclusive right to prepare scientific papers for publication from the data for that survey for a period of six months after the end of the field date.

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

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

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

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

7. SAMPLE DESIGN

The referent population is the non-institutionalized, English-speaking adult population of Michigan age 18 and over. Since the survey was conducted by telephone, only persons who lived in households that had telephones had a chance of being interviewed.
**Stratification.** To assure representation of major regions within Michigan, the sample was stratified into six regions, each consisting of a set of contiguous counties, plus the City of Detroit. The grouping of counties corresponds to that used by MSU Extension with Detroit separated out from the Southeast region.

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

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

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

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

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

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

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

7. **Detroit City**

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

**Sampling.** 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-33, a total of 5,767 phone numbers were used. The working phone rate was 75.3%.

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 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:
\[ \text{Confidence Interval} = 1.96 \sqrt{\frac{PQ}{n-1}} \]

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 \( Q = 1 - P \). While this may vary from question to question depending on the pattern of answers, the largest margin error would occur when \( P = 0.5 \) and \( Q = 0.5 \). Therefore, the margins of error for each region and the total statewide sample can be estimated as:

<table>
<thead>
<tr>
<th>REGION</th>
<th>Number of Cases</th>
<th>Margin of Sampling Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Peninsula</td>
<td>54</td>
<td>± 13.5%</td>
</tr>
<tr>
<td>Northern Lower Peninsula</td>
<td>86</td>
<td>± 10.6%</td>
</tr>
<tr>
<td>West Central</td>
<td>196</td>
<td>± 7.0%</td>
</tr>
<tr>
<td>East Central</td>
<td>151</td>
<td>± 8.0%</td>
</tr>
<tr>
<td>Southwest</td>
<td>147</td>
<td>± 8.1%</td>
</tr>
<tr>
<td>Southeast</td>
<td>186</td>
<td>± 7.2%</td>
</tr>
<tr>
<td>Detroit</td>
<td>120</td>
<td>± 9.0%</td>
</tr>
<tr>
<td>Statewide Total</td>
<td>940</td>
<td>± 3.2%</td>
</tr>
</tbody>
</table>

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 72 different interviewers were involved in data collection on the 33rd State of the State Survey.


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 nine call attempts, no contact had been made with someone at the number, the call schedule for that case was reviewed by a supervisor to see that it had been tried across a variety of time periods. If it had not, the supervisor would re-release the number for additional calling in time periods that had not been tried. If, after additional calls were made, still no contact was made, the number was retired as
a non-working number. If the review of the case indicated that it had been tried at various times and days, the supervisor might finalize the case as non-working or might release it for up to six additional tries. In the case contact was established, the number would continue to be tried until a total of 15 attempts were made or the interview was completed, the interview was refused, or the case was determined to be ineligible or incapable.

The average interview lasted approximately 25.2 minutes (standard deviation=5.8).

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 940 interviews were completed. The overall completion rate among eligible households for the study was 33.5%.\(^1\) Interviews were completed with 55% of the households in which there was sufficient cooperation to randomly select a respondent.

Of those completing the interview, the mean number of calls required was 4.2 (s.d. = 3.7). Interviewers made a total of 38,587 calls to complete the 940 interviews.

The refusal rate was 25.0%.

\(^1\) 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-33 was 26.4%, the refusal rate (REF2) was 38.3%, the cooperation rate was 40.9%, and the contact rate was 87.6%.
9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

a. Methodological Report
b. Questionnaire (included in Methodological Report)
c. Codebook (included in separate file)
d. SPSS portable data file (in separate file)

10. DATA FORMAT AND ARCHIVING

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

11. APPENDIX

a. Map of the MSU Extension Regions

b. Demographic Data in MSU State of the State Survey: MSUE Regions

   Weighting Program for 2000 Census Profile of Michigan (MSUSOSS 33 Winter, 2004 MSUE Regions)

   Table 1. Phone Lines
   Table 2. Number of Adults in Household
   Table 3. Adjustment for Over-Sampled Counties
   Table 4. Weighting for Race and Gender within Regions
   Table 5. Weighting by Age within Region
   Table 6. Weighting to fold Detroit into Southeast Region
   Table 7. Weighting across Regions for Statewide Estimates
   Table 8. Weighting by Race
### Demographic Data in MSU State of the State Survey: MSU Extension Regions

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

* The population used to determine this indicator is all adults above the age of 15
** The population used to determine this indicator is all adults above the age of 25

Source: Census of Population and Housing, 1980 and 1990. Table by staff of Michigan Databases
12. QUESTIONNAIRE (Fall, 2003)
Before we begin let me tell you that this interview is voluntary. Let me also tell you that this interview is completely confidential. Your privacy will be protected to the maximum extent allowable by law. Should we come to any question that makes you feel too uncomfortable or you do not want to answer, just let me know and we can go on to the next question.

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

[Yellow] READ ONLY IF NECESSARY:

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

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

[@]<1>

>core< [allow 4]
>corestop< [allow 4]
>trust< [allow 4] [copy trust in trust]
>truststart< [allow 4]
>truststop< [allow 4]
>demostart< [allow 4]
>demostop< [allow 4]
>cmdemo< [allow 4] [copy demo in demo]
>termstart< [allow 4]
>termstop< [allow 4]
>mapstart< [allow 4]
>mapstop< [allow 4]
>propAstart< [allow 4]
>propAstop< [allow 4]
>propa< [allow 4] [copy propa in propa]
>istart< [allow 4]
>istop< [allow 4]
>internet< [allow 4] [copy internet in internet]
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>ID1< [allow 5] [loc 18/1] [copy csid in ID1] [copy ID1 in ID1]
>R1< [allow 1] [copy R1 in R1]
>random< [allow 1] [copy random in random]
>cnty< [allow 5] [copy cnty in cnty]
>regn< [allow 1] [copy regn in regn]
  1 upper pen
  2 northern
  3 west central
  4 east central
  5 southwest
  6 southeast
  7 Detroit

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

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

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

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
Twelve months from now, do you expect the unemployment situation in this country to be better than, worse than, or about the same 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

Now turning to business conditions in your community, do you think that during the next twelve months your community will have good times financially, or bad times financially?

- GOOD TIMES: 1
- BAD TIMES: 3
- NEITHER GOOD NOR BAD; MEDIOCRE: 5
- DO NOT KNOW: 8
- REFUSED/NO ANSWER: 9

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

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

How much responsibility do you personally believe the United
State bears for the hatred that led to the 9/11 terrorist attacks?
Would you say a lot of responsibility, some, a little, or none at all?

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

>PO2<
How would you rate the way Jennifer Granholm is performing her job as Michigan's governor?
Would you say excellent, good, fair, or poor?

EXCELLENT.......................1
GOOD............................2
FAIR............................3
POOR............................4
DO NOT KNOW.................8
REFUSED/NO ANSWER..........9
[@] EXCELLENT <2> GOOD <3> FAIR <4> POOR
<8> DO NOT KNOW[missing] <9>[missing] REFUSED

>p18<  [settime corestop][settime truststart]
In general, do you approve or disapprove of the way the state legislature (in Lansing) has been handling its job?

APPROVE...................... 1
DISAPPROVE....................5
DO NOT KNOW...............8
REFUSED/NO ANSWER.........9
[@] APPROVE <5> DISAPPROVE
<8>[missing] DON'T KNOW <9>[missing] REFUSED

>P4a<
There are many issues that the governor and legislature (in Lansing) could spend time dealing with this session. Of all the issues they could work on, which issue do you think is the most important for them to focus on?

ECONOMY, BUSINESS, ENCOURAGE BUSINESS GROWTH ........1  8a FIRST MENTION
JOBS, UNEMPLOYMENT, EMPLOYMENT, MORE WORK, WAGES.......2  8b SECOND MENTION
JOB TRAINING/JOB RE-TRAINING.................................17
HEALTH CARE, MEDICAL CARE, MENTAL HEALTH, ETC.........3
CRIME, SAFETY, DRUGS, VIOLENCE, LAW AND ORDER, PRISONS......4
QUALITY EDUCATION, QUALITY SCHOOLS, STANDARDS, MEAPS........21
SCHOOL FUNDING/EDUCATION FINANCES..........................5
TEACHER TESTING/ACCOUNTABILITY................................19
POVERTY, POOR PEOPLE, HOMELESS PEOPLE, SOCIAL PROGRAMS/HOUSING...6
WELFARE, WELFARE REFORM, ETC.................................7
TAXES, PROPERTY TAXES, TAX REFORM/CUTTING TAXES............8
SENIOR CITIZEN ISSUES, PRESCRIPTION DRUG COVERAGE...........9
REDUCE BUDGETS, REDUCE SIZE OF GOVERNMENT, RESTRICT GOVERNMENT.22
REDUCE WASTE/ELECTION REFORM/TERM LIMITS....................10
MORAL ISSUES, ABORTION, GAY/LESBIAN RIGHTS, FAMILY VALUES....11
FOREIGN POLICY, WORLD AFFAIRS, DEFENSE........................12
People have different ideas about how much they can trust government to do what is right. These ideas don’t refer to Democrats or Republicans in particular, but just to the government in general. We want to see how you feel about this for each of the levels of government.

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

NEARLY ALWAYS OR MOST OF THE TIME.......1 @  
SOME OF THE TIME..........................2  
Seldom....................................3  
ALMOST NEVER............................4  
DO NOT KNOW.........................8  
REFUSED/NO ANSWER.................9

NEARLY ALWAYS OR MOST OF THE TIME <2> SOME OF THE TIME 
Seld eomost of the time, seldom, or almost never?

NEARLY ALWAYS OR MOST OF THE TIME.......1 @  
SOME OF THE TIME..........................2  
Seldom.......................................3  
ALMOST NEVER...............................4  
DO NOT KNOW.........................8  
REFUSED/NO ANSWER.................9

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

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

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

The next few questions are about term limits.

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

Do you approve or disapprove of these term limits?

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

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

Thinking about the performance of your own representative and senator, would you say that term limits have made their performance better than before, worse than before, or about the same as before term limits came into effect?

BETTER THAN BEFORE TERM LIMITS .......1  
WORSE THAN BEFORE TERM LIMITS ........2  
ABOUT THE SAME AS BEFORE TERM LIMITS .3  

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

Should term limits continue without change, with longer terms permitted, or should term limits be eliminated?

CONTINUE WITHOUT CHANGE .................1  
CONTINUE WITH LONGER TERMS ..............2  
TERM LIMITS ELIMINATED .....................3
How many years are state representatives in Michigan allowed to serve under the state's term limit restrictions?

YEARS ALLOWED TO SERVE.........0 - 20 @
MORE THAN 20 YEARS...........90

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

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

Because of term limits, more people from middle and low income backgrounds have been able to get elected to the Michigan Legislature.

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

Because of term limits, women and minorities have been able to get elected to the legislature in greater numbers.

(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

Legislators are influenced more now by special interest groups and lobbyists than they were before term limits.
Legislators now are more interested in what constituents think about issues than they were before term limits.

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

<table>
<thead>
<tr>
<th>Agree Level</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly Agree</td>
<td>1 @</td>
</tr>
<tr>
<td>Somewhat Agree</td>
<td>2</td>
</tr>
<tr>
<td>Somewhat Disagree</td>
<td>3</td>
</tr>
<tr>
<td>Strongly Disagree</td>
<td>4</td>
</tr>
<tr>
<td>Do Not Know</td>
<td>8</td>
</tr>
<tr>
<td>Refused</td>
<td>9</td>
</tr>
</tbody>
</table>

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

Next, I have a few questions about land use in Michigan. Land use refers to the use of land for residential, commercial, industrial, agricultural, and recreational purposes. I would like to read you some policy proposals concerning land use and have you tell me to what extent you would support or oppose each.

[if random le <4>]
The first is, state resources should be directed for redevelopment of existing commerce centers rather than for the development of undeveloped areas.
[endif]
[if random ge <5>]
The first is, state resources should be directed for the development of undeveloped areas rather than for the redevelopment of existing commerce centers.
[endif]

[yellow]USE THIS DEFINITION: Commerce Centers are communities with larger populations that already have the infrastructure (roads, transportation systems) to support development. [n]

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

<table>
<thead>
<tr>
<th>Support Level</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly Support</td>
<td>1 @</td>
</tr>
<tr>
<td>Somewhat Support</td>
<td>2</td>
</tr>
<tr>
<td>Somewhat Oppose</td>
<td>3</td>
</tr>
<tr>
<td>Strongly Oppose</td>
<td>4</td>
</tr>
</tbody>
</table>
The state government should create financial and other incentives so that affordable housing is less concentrated in central cities and more available throughout all communities in a region.

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

- STRONGLY SUPPORT
- SOMEWHAT SUPPORT
- SOMEWHAT OPPOSE
- STRONGLY OPPOSE
- DO NOT KNOW
- REFUSED

When building or remodeling, school districts in Michigan should be required to conform to local government's existing master plans for development.

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

- STRONGLY SUPPORT
- SOMEWHAT SUPPORT
- SOMEWHAT OPPOSE
- STRONGLY OPPOSE
- DO NOT KNOW
- REFUSED

Next, I have a couple of questions about local government which includes cities, villages, and townships.

Do you think neighboring local governments should be consolidated as a way to save money or to improve efficiency?

- YES
- DEPENDS: R VOLUNTEERS
- NO

Should the state government provide financial incentives to local governments
Do you feel you have enough information about land use issues to form opinions about proposed legislation or regulations concerning land use in Michigan?

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

[θ] <1> YES <5> NO <3> DEPENDS: R VOLUNTEERS
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>land4a<

Where do you get information about land use issues?

NEWSPAPERS, MAGAZINES, PERIODICALS, JOURNALS......................................1 @
NEWSLETTERS, PAMPHLETS, FLYERS.........................................................2
TELEVISION, RADIO..................................................................................3
INTERNET.................................................................................................4
ENVIRONMENTAL GROUPS........................................................................5
(convention clubs, farm bureau)
GOVERNMENT (DEQ, state, local gov, zoning........................................6
planning meetings)
MSU, COOPERATIVE EXTENSION...............................................................7
WORD OF MOUTH, FAMILY, FRIENDS.........................................................8
EXPERIENCE, WORK..................................................................................9
MISCELLANEOUS..97
DO NOT KNOW....98
REFUSED........99

[θ] 0 [#specify]
<1> NEWSPAPERS, MAGAZINES, PERIODICALS, JOURNALS <2> NEWSLETTERS, PAMPHLETS,
FLYERS
<3> TELEVISION, RADIO <4> INTERNET <5> ENVIRONMENTAL GROUPS <6> GOVERNMENT
<7> MSU, COOPERATIVE EXTENSION <8> WORD OF MOUTH, FAMILY, FRIENDS
<9> EXPERIENCE, WORK <97> MISCELLANEOUS <98> DO NOT KNOW[missing] <99>
REFUSED[missing]
[default goto landuse]

>land4b<

What kinds of information would you like to have about land use issues?

DEVELOPMENT PLANS/PROPOSALS..............................................1 @
(use of property, how land is used, decided to be used, etc)
LAND USE RESTRICTIONS.................................................................2
ZONING LAWS.....................................................................................3
ENVIRONMENTAL IMPACT/ISSUES.........................................................4
LAND USE/TAXES..................................................................................5
URBAN SPRAWL....................................................................................6
GENERAL INFORMATION ABOUT LAND USE,
WHAT IT IS, BACKGROUND INFORMATION........................................7
LAND USE - RECREATION.....................................................................8
LAND USE - NATURAL AREAS..............................................................9
BROCHURES/LITERATURE/NEWSLETTERS, ETC..90
People have different reasons for choosing a place to live. How important are each of the following to you in choosing a place to live?

[0] 0 [#specify]
<1> DEVELOPMENT PLANS/PROPOSALS <2> LAND USE RESTRICTIONS <3> ZONING LAWS
<4> ENVIRONMENTAL IMPACT/ISSUES <5> LAND USE/TAXES <6> URBAN SPRAWL
<7> GENERAL INFORMATION ABOUT LAND USE/BACKGROUND INFORMATION
<8> LAND USE - RECREATION <9> LAND USE - NATURAL AREAS
<90> BROCHURES/LITERATURE/NEWSLETTERS, ETC <97> MISCELLANEOUS
<98> DO NOT KNOW [missing] <99> REFUSED [missing]

How important is it in choosing a place to live that it is near where friends and family live?

[0] 0 [#specify]
<1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

How important is it in choosing a place to live that it is a place with a strong sense of community?

[0] 0 [#specify]
<1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <9> REFUSED [missing]
DO NOT KNOW....8
REFUSED.........9
[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <9> REFUSED [missing]
>rot2<  [if random eq <3> or random eq <4>][goto propA][endif]
>land7c<
[r]IWER: IF THIS IS THE FIRST QUESTION THAT YOU ARE READING MAKE
SURE THAT YOU READ THE INTRODUCTION THAT IS IN PARENTHESES! [n]
(How important is it in choosing a place to live that)
you can walk the streets without fear of crime?
(Would you say very important, somewhat important, not very important,
not important at all?)

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

DO NOT KNOW....8
REFUSED.........9
[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <9> REFUSED [missing]
>rot3<  [if random eq <5> goto propA]
>land7d<
[r]IWER: IF THIS IS THE FIRST QUESTION THAT YOU ARE READING MAKE
SURE THAT YOU READ THE INTRODUCTION THAT IS IN PARENTHESES! [n]
(How important is it in choosing a place to live that)
there are many different kinds of job opportunities?
(Would you say very important, somewhat important, not very important,
not important at all?)

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

DO NOT KNOW....8
REFUSED.........9
[@] <1> VERY IMPORTANT <2> SOMEWHAT IMPORTANT <3> NOT VERY IMPORTANT
<4> NOT IMPORTANT AT ALL
<8> DO NOT KNOW [missing] <9> REFUSED [missing]
>rot4<  [if random eq <6>][goto propA][endif]
>land7e<
[r]IWER: IF THIS IS THE FIRST QUESTION THAT YOU ARE READING MAKE
SURE THAT YOU READ THE INTRODUCTION THAT IS IN PARENTHESES! [n]
(How important is it in choosing a place to live that)
there is a good "nightlife", (such as bars, clubs, and dancing)?
(Would you say very important, somewhat important, not very important,
not important at all?)
VERY IMPORTANT....................1 @
SOMETHING IMPORTANT................2
NOT VERY IMPORTANT..................3
NOT IMPORTANT AT ALL...............4

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

[8] <1> VERY IMPORTANT <2> SOMETHING IMPORTANT <3> NOT VERY IMPORTANT <4> NOT IMPORTANT AT ALL <9> REFUSED [missing]

>rot5< [if random eq <7>][goto propA][endif]

>land7f<

[r]IWER: IF THIS IS THE FIRST QUESTION THAT YOU ARE READING MAKE
SURE THAT YOU READ THE INTRODUCTION THAT IS IN PARENTHESES! [n]

(How important is it in choosing a place to live that)
the community welcomes diversity.

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

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

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

[8] <1> VERY IMPORTANT <2> SOMETHING IMPORTANT <3> NOT VERY IMPORTANT <4> NOT IMPORTANT AT ALL <9> REFUSED [missing]

>rot6< [if random ge <8> goto propA]

>land7g<

[r]IWER: IF THIS IS THE FIRST QUESTION THAT YOU ARE READING MAKE
SURE THAT YOU READ THE INTRODUCTION THAT IS IN PARENTHESES! [n]

(How important is it in choosing a place to live that)
there are quality schools in the area.

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

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

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

[8] <1> VERY IMPORTANT <2> SOMETHING IMPORTANT <3> NOT VERY IMPORTANT <4> NOT IMPORTANT AT ALL <9> REFUSED [missing]

>rot7< [if random ge <2> goto land7a]

>propA< [#settime propAstart][#settime landstop]
Now, I have some questions about school funding. Before 1994, the operating
funds for public schools in Michigan came primarily from local property taxes. As a result, per pupil spending differed greatly from one community to another.

In 1994, both Democrats and Republicans voted to change the way schools are funded and let voters choose between two different funding proposals.

Proposal A amended Michigan's constitution to greatly reduce property taxes as a source of funds for schools and placed a limit on annual increases in property value assessments. To replace the funding needed for schools, the sales tax was increased from 4% to 6% and all schools received the same minimum amount of funding per pupil from the state.

If Proposal A had not been passed by voters, Proposal B would have automatically gone into effect. It would have reduced property taxes but would not have limited assessment increases. It would have replaced funding for schools by increasing the state income tax to 6%. All schools would still have received the same minimum amount of funding per pupil.

In 1994, voters chose Proposal A, to reduce property taxes, limit assessments increases and fund public schools through an increase in the sales tax. Since then, the state gives each school district a fixed minimum
level of funding for each pupil enrolled. This has increased each year so that currently the schools receive a minimum of $6,700 per pupil from the state. Some communities can still add to this from local tax sources.

Has this approach to funding increased, reduced, or made no difference in the educational opportunities or the quality of education available for children in your community?

INCREASED EDUCATIONAL OPPORTUNITIES.......1 @
REduced EDUCATIONAL OPPORTUNITIES.........3
NO DIFFERENCE IN OPPORTUNITIES.............5
DO NOT KNOW...................8
REFUSED ....................9

[@] <1> INCREASED EDUCATIONAL OPPORTUNITIES <3> REDUCED EDUCATIONAL OPPORTUNITIES
<5> NO DIFFERENCE IN OPPORTUNITIES
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>propA3<

In your opinion is the current minimum per pupil funding level, $6,700 per pupil per year, too high, too low, or about right to provide the educational opportunities needed by Michigan's children?

TOO HIGH........................1 @
TOO LOW..........................3
ABOUT THE RIGHT AMOUNT..........5
DO NOT KNOW....8
REFUSED........9

[@] <1> TOO HIGH <3> TOO LOW <5> ABOUT THE RIGHT AMOUNT
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>propA4< [define <p><1>][define <s><3>][define <i><5>]

If the level of funding were to be increased, the state would have to find additional sources of revenue to provide the funds.

[if random le 3]
Would you prefer that the additional funding be generated by an increase in property taxes, an increase in the sales tax, an increase in the income tax, or something else?

INCREASE PROPERTY TAXES............p
INCREASE SALES TAXES..................s
INCREASE INCOME TAX..................i

[endif]
[if random ge 4 and random le 6]
Would you prefer that the additional funding be generated by an increase in the sales tax, an increase in the income tax, an increase in property taxes, or something else?

INCREASE SALES TAXES.................s
INCREASE INCOME TAX..................i
INCREASE PROPERTY TAXES............p

[endif]
[if random ge 7]
Would you prefer that the additional funding be generated by an increase in the income tax, an increase in property taxes, an increase in the sales tax, or something else?

INCREASE INCOME TAX..................i
INCREASE PROPERTY TAXES............p
INCREASE SALES TAXES...............s

[endif]

CUT OTHER BUDGET AREAS..............7 @ SALES/INCOME TAX COMBINED.....12
LOTTERY/CASINOS/GAMBLING.............8 SALES/PROPERTY TAXES COMBINED.13
EMPLOYMENT/BUSINESS TAXES.............9 INCOME/PROPERTY TAX..............14
CIGARETTE/ALCOHOL TAXES.........10     ALL THREE TAXES COMBINED......15
NO NEED FOR INCREASE.................11
MISCELLANEOUS...........97  DO NOT KNOW/UNSURE....98  REFUSED............99

[@] <p> INCREASE PROPERTY TAXES <s> INCREASE SALES TAX <i> INCREASE INCOME TAX
<7> CUT OTHER BUDGET AREAS 0 OTHER: COMBINATION [#specify]
<8> LOTTERY/CASINOS/GAMBLING <9> EMPLOYMENT/BUSINESS TAXES
<10> CIGARETTE/ALCOHOL TAXES <11> NO NEED FOR INCREASE <12> SALES/INCOME TAX
COMBINED
<br><13> SALES/PROPERTY TAXES COMBINED <14> INCOME/PROPERTY TAX
<br><15> ALL THREE TAXES COMBINED   <97> MISCELLANEOUS
<br><98> DO NOT KNOW[missing] <99> REFUSED[missing]

>propA5<

If the funding level were to be increased through property taxes, it
could be accomplished [green]either[n] by increasing the number of mils
school districts are allowed to levy, or by eliminating the limit on the
amount of the annual increase in property value assessments that are allowed.

If you had to choose, which would you prefer, to allow an increase in the
property tax millage for schools or to remove the limit on assessment
increases?

[yellow]IWER: "A mil is a tax unit which is 1/1000 of a dollar, or 1/10 of
one cent"
"An assessment is the process by which a local unit of
government uses to determine the value of a home".[n]

ALLOW INCREASE IN PROPERTY TAX MILLAGE......1 @
REMOVE THE LIMIT ON ASSESSMENT INCREASES....5

DO NOT KNOW.................8
REFUSED................9
[@] <1> INCREASE IN PROPERTY TAX MILLAGE <5> REMOVE LIMIT ON ASSESSMENT INCREASES
<br><8> DO NOT KNOW[missing] <9> REFUSED[missing]

>i1< [#settime propAstop][#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[goto i2b] <2> [goto i2b]3 TO 4 TIMES A WEEK <3> [goto i2b]ONCE A
WEEK <4> [goto i2b]A COUPLE OF TIMES A MONTH
<br><5> [goto i2b]ONCE A MONTH <6>[goto i2b] A FEW TIMES A YEAR <7> NEVER
<br><8> DO NOT KNOW [missing][goto i2b] <9> REFUSED [goto i2b][missing]

>i1a<
Why haven't you used the Internet?

DO NOT OWN COMPUTER/NO COMPUTER........1 @
DON'T KNOW HOW USE COMPUTER/GET ON-LINE..2
TOO MUCH JUNK ON INTERNET...............3
DON'T TRUST INTERNET/SECURITY ISSUES.....4
TOO EXPENSIVE.............................5
NO USE FOR IT/NO INTEREST/NO NEED.......6
NO INTERNET ACCESS.......................7
MISCELLANEOUS............................97
DO NOT KNOW.............................98
REFUSED.................................99

[0] 0 [#specify]   <1> DO NOT OWN COMPUTER/NO COMPUTER  <2> DON'T KNOW HOW USE
COMPUTER/GET ON-LINE <3> TOO MUCH JUNK ON INTERNET
<4> DON'T TRUST INTERNET/SECURITY ISSUE <5> TOO EXPENSIVE <6> NO USE FOR IT/NO
INTEREST/NO NEED <7> NO INTERNET ACCESS
<97> MISCELLANEOUS <98> DO NOT KNOW[missing] <99> REFUSED [missing]
[default goto I5a]

>12b<

About how long (in months or years) have you been using the Internet?

6 MONTHS OR LESS.....................1 @
7 - 11 MONTHS (LESS THAN 1 YEAR)..2
ONE YEAR (1) .........................3
2 - 3 YEARS .........................4
MORE THAN 3 YEARS ..................5
DO NOT KNOW.........................8
REFUSED..............................9

[0] <1> 6 MONTHS OR LESS <2> 7-11 MONTHS <3> ONE YEAR <4> 2-3 YEARS
<5> MORE THAN 3 YEARS <8> DO NOT KNOW <9> REFUSED

>QH13<

How would you rate your ability to use the Internet?

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

EXCELLENT.............................1 @
GOOD.................................2
FAIR.................................3
POOR.................................4
DO NOT KNOW.........................8
REFUSED/NO ANSWER....................9

[0] <1> EXCELLENT <2> GOOD <3> FAIR <4> POOR
<8> DO NOT KNOW[missing] <9>[missing] REFUSED

>12c<

How much time each week do you spend on-line?

4 HOURS OR LESS ......................1 @
5 - 9 HOURS...........................2
10 - 14 HOURS.........................3
15 - 19 HOURS..........................4
MORE THAN 20 HOURS...............5
DO NOT KNOW.........................8
REFUSED..............................9

[0] <1> 4 HOURS OR LESS <2> 5 - 9 HOURS <3> 10 - 14 HOURS
From which of the following locations do you access the Internet?

\[y/n/d/r\]

Home? ....................... @a
Work? ....................... @b
School? ................... @c
The library? .............. @d
Somewhere else? .......... @e

[@a] <y><n><d><r>
[@b] <y><n><d><r>
[@c] <y><n><d><r>
[@d] <y><n><d><r>
[@e] <y><n><d><r>

During an average week, what percentage of time do you access the Internet from the following locations?

\[y/n/d/r\]

Your home? ................. 0 - 100% @a
Work? ..................... 0 - 100% @b
School? ................... 0 - 100% @c
The library? .............. 0 - 100% @d
Other places? ............. 0 - 100% @e
What form of Internet access do you have from home? Do you have a
dial-up modem, ISDN, cable, DSL, or some other form of access?

[yellow]IWER: "ISDN is another form of dial-up but is faster than a 56 bit
modem, and it requires a special modem, provided through
local telephone company."

"DSL - Digital Subscriber Line, is high-speed internet
connection, through your local telephone company.

"Cable - Is an internet connection through your cable
television provider". [n]

DIAL UP MODEM................1 @
ISDN.................................2
CABLE................................3
DSL..................................4

OTHER.........................0
COMBINATION...............5
NONE.........................90
DO NOT KNOW..............98
REFUSED....................99

[@] <1> DIAL-UP MODEM <2> ISDN <3> CABLE[goto QH18] <4> DSL [goto QH18] 0 OTHER:
SPECIFY[#specify]
<98> DO NOT KNOW [missing] <99> REFUSED [missing] <5> COMBINATION <90> NONE

>QH2b<

How likely are you to gain high-speed access, such as DSL or Broadband,
in the coming year?

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

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

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

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

>QH18<

Next, I would like to ask you some questions about e-mail.

Do you use e-mail?

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

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

[@] <1> YES[goto QH19] <5> NO [goto QH21]
<8> DO NOT KNOW[goto QH24][missing] <9> REFUSED [goto QH24][missing]

>QH18A< [define d<9998>][define r<9999>][define t<1001>]

Altogether, about how many e-mails do you receive in an average week,
not counting unsolicited junk (spam) e-mails?

Please don't count mail that you don't read, but all the messages
you read and might reply to that you have received at any e-mail
addresses you have.

NUMBER OF E-MAILS ..................0 - 1000 @
MORE THAN 1000 .....................t

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

[@] <0-1000> NUMBER OF e-mailS <t> MORE THAN 1000
<d> DO NOT KNOW[missing] <r> REFUSED [missing]

>QH18Ba<
And how many e-mails do you send in an average week?

NUMBER OF E-MAILS ..................0 - 1000 @
MORE THAN 1000 .....................t

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

[@] <0-1000> NUMBER OF e-mailS <t> MORE THAN 1000
<d> DO NOT KNOW[missing] <r> REFUSED [missing]

>QH19<
On average, how often do you check your e-mail?

Every hour or more often, several times a day, about once a day, a few

EVERY HOUR OR MORE OFTEN.........1 @
SEVERAL TIMES A DAY...............2
ABOUT ONCE A DAY..................3
A FEW TIMES EACH WEEK/NOT EVERY DAY..4
ABOUT ONCE A WEEK..................5
LESS THAN ONCE A WEEK.............6

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

[@] <1> EVERY HOUR OR MORE OFTEN <2> SEVERAL TIMES A DAY <3> ABOUT ONCE A DAY
<4> A FEW TIMES EACH WEEK/NOT EVERY DAY <5> ABOUT ONCE A WEEK
<6> LESS THAN ONCE A WEEK
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>QH24<
Do you use "instant messaging" over the Internet, that is, when you and
other people can communicate with each other simultaneously instead of
waiting for e-mails to be sent and received?

(Such as AOL instant messenger, MSN, Yahoo)

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

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

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

>i4a< [if QH18 ge <5> and QH24 ge <5> goto i6]

About what percentage of your time on-line do you spend communicating
with family, friends, or work related contacts?
PERCENTAGE .............0-100% @
DO NOT KNOW...d
REFUSED........r

[8] <0-100> PERCENTAGE
<d>[missing] <r> [missing]

>i4b<

How has using Internet communication (e-mail, chat) affected your relationship with your family and friends?
Has it strengthened your relationship, weakened your relationship, or has there been no change in your relationship with your family and friends.

STRENGTHEN RELATIONSHIP................1 @
WEAKENED RELATIONSHIP..................2
NO CHANGE IN RELATIONSHIP..............3
DO NOT KNOW....................8
REFUSED.....................9

[8] <1> STRENGTHEN RELATIONSHIPS <2> WEAKENED RELATIONSHIP <3> NO CHANGE IN RELATIONSHIP
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto i6]

>i4c<

How has using Internet communication (e-mail, chat) affected your relationship with your friends?
Has it strengthened your relationship, weakened your relationship, or has there been no change in your relationship with your friends.

STRENGTHEN RELATIONSHIP..............1 @
WEAKENED RELATIONSHIP.................2
NO CHANGE IN RELATIONSHIP.........3
DO NOT KNOW...................8
REFUSED....................9

[8] <1> STRENGTHEN RELATIONSHIPS <2> WEAKENED RELATIONSHIP <3> NO CHANGE IN RELATIONSHIP
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto i6]

>i6<

Do you shop on-line?

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

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

[8] <1> YES <5> NO [goto HEA05a]
<8> DO NOT KNOW[missing][goto HEA05a] <9> REFUSED [missing][goto HEA05a]

>i6a<

Has shopping on-line caused you to shop more often at local stores, less often at local stores, or about the same as before you started shopping on line?

MORE OFTEN.............................1 @
LESS OFTEN............................2
ABOUT THE SAME.....................3
Next, I have some questions about accessing health or medical information on line.

Have you ever looked on-line for information about a specific disease or medical procedure?

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

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

[?] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto HEA05g]

(Have you ever looked on line for information about)

exercise or fitness?

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

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

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

(Have you ever looked on line for information about)

prescription or over the counter drugs?

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

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

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

(Have you ever looked on line for information about)

a particular doctor or hospital?

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

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

[?] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
Have you ever looked on line for information about health insurance, including Medicare or Medicaid?

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

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

[?] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto HEA06]

Have you ever looked on line for information about Medicare or Medicaid?

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

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

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

How often do you use the Internet to look for these types of health or medical advice or information?

Would you say every day, several times a week, several times a month, every few months, or less often than that?

EVERY DAY.........................1 @
SEVERAL TIMES A WEEK..............2
SEVERAL TIMES A MONTH.............3
EVERY FEW MONTHS.................4
LESS OFTEN THAN THAT............5

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

[?] <1> EVERY DAY <2> SEVERAL TIMES A WEEK <3> SEVERAL TIMES A MONTH
<4> EVERY FEW MONTHS <5> LESS OFTEN THAN THAT
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

Do you ever send or receive e-mails about health or medical issues with any doctors or health professionals?

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

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

[?] <1> YES <5> NO [goto HEA12]
<8> DO NOT KNOW[missing][goto HEA12] <9> REFUSED [missing][goto HEA12]

How useful to you is e-mail for communicating about health or medical issues with doctors or health professionals?

Very useful, somewhat useful, not too useful, or not at all useful?
Overall, do you think the Internet has improved the health and medical information and services you receive or has the Internet not improved that information and services?

YES, Internet HAS IMPROVED..............1 @
NO, Internet HAS NOT IMPROVED............5

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

Internet use does not affect my quality of life.

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

[8] <1> STRONGLY AGREE <2> SOMewhat AGREE <3> SOMewhat DISAGREE
<4> STRONGLY DISAGREE
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
All Michigan residents should be able to access the Internet.

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

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

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

MALE <1> FEMALE <5>

In what year were you born?

Year..................19 @

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

In what year were you born?

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

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

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
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

What is the religious group which you feel most closely represents your religious views?
(Is it Catholic, Islamic, Jewish, Protestant, some other religion, or no religion)?

NONE; NO RELIGIOUS GROUP..........0
CATHOLIC; ROMAN CATHOLIC, ORTHODOX..1
ISLAMIC/MUSLIM........................2
JEWISH..................................3
PROTESTANT............................4
(Baptist, Methodist, Christian Reformed, Lutheran, Presbyterian Wesleyan, Episcopalian, "Christian"
OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5
(Taoists, witches, etc)
OTHER CHRISTIAN..................7 @
(Mormon, LDS, Quakers, Mennonite, Jehovah Witness, Unitarian-Universalists)
UNABLE TO CLASSIFY...............8

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

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
Would you call yourself a strong Republican or not a very strong Republican?

STRONG REPUBLICAN...............1
NOT A VERY STRONG REPUBLICAN.....2 @b
DO NOT KNOW.....................8
REFUSED.........................9

Would you call yourself a strong Democrat or not a very strong Democrat?

STRONG DEMOCRAT.................7
NOT A VERY STRONG DEMOCRAT......6 @c
DO NOT KNOW.....................8
REFUSED.........................9

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

REPUBLICAN....................3
NEITHER (R PROVIDED)...............4
DEMOCRAT.......................5 @d
DO NOT KNOW.....................8
REFUSED.........................9

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

CONSERVATIVE.....................1
MODERATE.........................4
LIBERAL...........................7 @a
OTHER.............................0
DO NOT KNOW.....................8
REFUSED.........................9

[if P17@a eq <1>]

Would you consider yourself very conservative or somewhat conservative?

   VERY CONSERVATIVE.................1
   SOMEWHAT CONSERVATIVE...............2 @b
   DO NOT KNOW.........................8
   REFUSED..............................9

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

Would you consider yourself very liberal or somewhat liberal?

   VERY LIBERAL.......................7
   SOMEWHAT LIBERAL...................6 @c
   DO NOT KNOW.........................8
   REFUSED..............................9
[endif]
@if P17@a eq <4>

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

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

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

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

What is your marital status?

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

   MARRIED, REMARRIED....................1
   DIVORCED..............................2
   SEPARATED..............................3
   WIDOWED................................4
   MEMBER OF AN UNMARRIED COUPLE.......5
   SINGLE, NEVER BEEN MARRIED................6
   OTHER ..................................0 @
   DON'T KNOW.........................8
   REFUSED..............................9

[@]<1> MARRIED <2> DIVORCED <3> SEPARATED <4> WIDOWED <5> MEMBER UNMARRIED COUPLE
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

We are interested in learning about the different ways people may earn their living. Last week, were you working full-time, part-time, going to school, a homemaker or something else?

WORK FULL TIME, SELF EMPLOYED FULL TIME........1
WORK PART TIME, SELF EMPLOYED PART TIME..........2
WORK AND GO TO SCHOOL...........................3
IN THE ARMED FORCES.............................4
HAVE A JOB, BUT NOT AT WORK LAST WEEK...........5
UNEMPLOYED, LAID OFF, LOOK FOR WORK.............6
RETIRED....................................7
SCHOOL FULL TIME................................0
HOMEMAKER..................................9
DISABLED....................................10

SOMETHING ELSE (SPECIFY)........................0 @

MISCELLANEOUS............................97
DON'T KNOW..............................98

REFUSED..............................99

Does the Internet allow you to work from home?

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

NO.......................................5

Do the Internet allow you to work from home where you live?

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

NO.......................................5

Would the ability to work from home via the Internet change where you lived?

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

NO.......................................5
DO NOT KNOW......8
REFUSED.........9

[0] <1> YES <5> NO
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>retire1< [#settime i2stop][#settime land2start]

[if CD15 ne <7>]
Have you given any thought to where you will live after you retire?
[endif]
[if CD15 eq <7>]
Are you considering living somewhere else either all of the time or
part of the time during your retirement?
[endif]

YES.................................1 @
YES, ALREADY LIVE SOMEWHERE ELSE....3
NO.................................5

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

[0] <1> YES <3> YES, ALREADY LIVE SOMEWHERE ELSE [goto retire4] <5> NO[goto UN1]
<8> DO NOT KNOW [missing][goto UN1] <9> REFUSED [missing][goto UN1]

>retire2<

Do you expect to live in the same community you do now, a different
community in Michigan, in another state, or in another country?

SAME COMMUNITY AS NOW..............1 @
A DIFFERENT COMMUNITY IN MICHIGAN....2
IN ANOTHER STATE......................3
IN ANOTHER COUNTRY....................4

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

[0] <1> SAME COMMUNITY AS NOW[goto UN1] <2> A DIFFERENT COMMUNITY IN MICHIGAN[goto UN1]
<3> IN ANOTHER STATE <4> IN ANOTHER COUNTRY
<8> DO NOT KNOW [missing][goto UN1] <9> REFUSED [missing][goto UN1]

>retire3<

[if retire2 eq <3>]
In which state are you planning on living?
[endif][if retire2 eq <4>]
In which country are you planning on living?
[endif]

ALABAMA.....1 ARIZONA.....10 KANSAS.....20 BRAZIL......30 @
GEORGIA.....2 CALIFORNIA.11 MISSOURI...21 COSTA RICA..31
KENTUCKY....3 COLORADO...12 WISCONSIN..22 DOMINICAN...32
N CAROLINA..4 NEW MEXICO.13 JAMAICA.....33
S CAROLINNE..5 OREGON......14
TENNESSEE...6 TEXAS.......15
FLORIDA.....7
SO. STATE...9 SW STATE...19 MIDWEST STATE.29 CARRIBEAN....39

OTHER CONTINENT.................40
OTHER COUNTRY....................41

MISCELLENAOUS.........97
DO NOT KNOW/NOT SURE....98
REFUSED.................99
What other state or country do you live in part of the year?

ALABAMA.....1 ARIZONA.....10 KANSAS.....20 BRAZIL......30 ▲
GEORGIA.....2 CALIFORNIA.11 MISSOURI...21 COSTA RICA.31
KENTUCKY....3 COLORADO...12 WISCONSIN..22 DOMINICAN...32
N CAROLINA..4 NEW MEXICO.13 JAMAICA.....33
S CAROLINE..5 OREGON......14
TENNESSEE....6 TEXAS.......15
FLORIDA.....7 SW STATE....19 MIDWEST STATE.29 CARRIBEAN....39
OTHER CONTINENT..................40
OTHER COUNTRY...............41

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

Are you currently a member of a union or are you represented by a union?

YES..............................1
NO..............................5 ▲

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

Have you ever been a member of a union or represented by a union?

YES..............................1
NO..............................5 ▲

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

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

YES..............................1
NO..............................5 ▲
To get a picture of people's financial situations, we'd like to know the general range of incomes of all households we interview. This is for statistical analysis purposes and your answers will be kept strictly confidential. Now, thinking about your household's total annual income from all sources (including your job), did your household receive $30,000 or more in 2003?

- YES
- NO
- DO NOT KNOW
- REFUSED

Was it less than $20,000?

- YES
- NO
- DO NOT KNOW
- REFUSED

Was it less than $10,000?

- YES
- NO
- DO NOT KNOW
- REFUSED

Was it $60,000 or more?

- YES
- NO
- DO NOT KNOW
- REFUSED

Was it $40,000 or more?

- YES
- NO
- DO NOT KNOW
- REFUSED
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 incf ge <9>][store <9> in income][endif]
    [if incg ge <9>][store <9> in income][endif]
    [if incc eq <1>][store <1> in income][endif]  $10,000 or less
    [if incc eq <5>][store <2> in income][endif]  $10,000>$9,999
    [if incb eq <5>][store <3> in income][endif]  $20,000>$9,999
    [if incb eq <5>][store <3> in income][endif]  $30,000>$9,999
    [if incf eq <1>][store <4> in income][endif]  $40,000>$9,999
    [if incf eq <5>][store <5> in income][endif]  $50,000>$9,999
    [if incg eq <5>][store <7> in income][endif]  $60,000>$9,999
    [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]

>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]

>R<

In a couple of months, we'd like to re-contact some of the people we've
spoken with for a shorter interview. Would you be willing to participate
again in a couple of months if it would only take 10 minutes or less?

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

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

[if RI@a eq <1>]

So we'll know whom to ask for when we call back, could I get your first
name?

R's first name....................... @b

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

>out<  [#settime demostop]

[#subtime corestart from corestop into core]
[#subtime(termstart from termstop into term)]
[#subtime demostart from demostop into demo]
[#subtime(truststart from truststop into trust)]
[#subtime landstart from landstop into land]
[#subtime land2start from land2stop into 2land]
[#subtime propAstart from propAstop into propa]
[#subtime istart from istop into internet]
[#subtime i2start from i2stop into internet2]
[#subtime mpastart from mpastop into mpa]
[goto MOD7]

>fp1<
How closely would you say you follow news about politics and government?

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

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

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

[@] <1> VERY CLOSELY <2> SOMEWHAT CLOSELY <3> NOT VERY CLOSELY
   <4> NOT AT ALL
   <8>[missing] DON'T KNOW <9>[missing] REFUSED
   [default goto w1]
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 33".

DATA LIST file='d:\soss33\soss33.dat' fixed records=3

/1 CASEID 1-5 ID1 1-5 R1 6
random 7 cnty 8-12 regn 13
listed 14 CC1 25 CC2 26 CC3 27
CC4 28 CC5 29 CC6 30 P01 31 SEC4 32
CG2 33 P02 34 p18 35

P4a@a 36-37 P4a@b 38-39 D10 40
D11 41 D12 42 w1 43
w2 44 w3 45 w7 46-47
term1 48 term2 49 term3 50
term4 51 land1 52 land2 53
land3 54 land5a 55 land5b 56
land4 57 land4a 58-59 land4b 60-61
land7a 62 land7b 63 land7c 64
land7d 65 land7e 66 land7f 67
land7g 68 propA1 69-70 propA2 71
propA3 72 propA4 73-74 propA5 75

i1 76 i1a 77-78 i2b 79

QH13 80

/2 i2c 1 i2@b 1 i2@b 2 i2@b 3
i2c 4 i2@b 4 i2@b 5 i2@b 6
i2a@b 7-9 i2a@b 10-12 i2a@b 13-15
i2a@b 16-18 i2a@b 19-21 QH2a 22-23
QH2b 24 QH18 25 QH19 34
QH24 35 i4a 36-39 i4b 40
i6 42 i6a 43 HEA05a 44
HEA05f 45 HEA05g 46 HEA05n 47
HEA05o 48 HEA06 50 HEA11 51
HEA12 52 HEA12 53 I5 54
I5b 55 I5c 56 CD1 57
CD2 58-60 CD3 61-62 CD5a 63
CD4a@a 64 CD4a@b 65 CD4a@c 66
CD4a@d 67 CD4a@e 68 CD4a@f 69-70
CD7@a 71 CD7@b 72 CD7c 73
CD7@d 74 partyid 75 P17a 76
P17@b 77 P17@c 78 P17@d 79

ideology 80

/3 CD8 1 CD10 2-3 CD15 4-5
i7 6 I7a 7 retire1 8
retire2 9 retire2 10-11 retire4 12-13
UN1 14 UN2 15 UN3 16
inca 17 incb 18 incc 19
incd 20 incf 21
income 24 CD26 25
X1 26-27 zipcode 28-32 RI@a 33
fp 49 contacts 50-51 length 52-55
ip 56-63 iwer 64-66 males 67-68

females 69-70

VARIABLE LABELS
CASEID 'case identification number' / ID1 'Case ID Number' / R1 'Data Record I' / random 'Random Digit' / cnty 'County' / regn 'Region' / listed 'Sample' / CC1 'Past Financial' / CC2 'Future Financial' / CC3 'Current Financial' /
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' /
<table>
<thead>
<tr>
<th>Survey Item</th>
<th>Response Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>land2</td>
<td>STRONGLY SUPPORT, SOMEWHAT SUPPORT, SOMEWHAT OPPOSE, STRONGLY OPPOSE, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land3</td>
<td>STRONGLY SUPPORT, SOMEWHAT SUPPORT, SOMEWHAT OPPOSE, STRONGLY OPPOSE, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land4</td>
<td>YES, NO, DEPENDS: R VOLUNTEERS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land4a</td>
<td>NEWSPAPERS, MAGAZINES, PERIODICALS, JOURNALS, NEWSLETTERS, PAMPHLETS, FLYERS, TELEVISION, RADIO, MSU, COOPERATIVE EXTENSION, WORD OF MOUTH, FAMILY, FRIENDS, EXPERIENCE, WORK, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land4b</td>
<td>DEVELOPMENT PLANS/PROPOSALS, LAND USE RESTRICTIONS, GENERAL LAWS, ENVIRONMENTAL IMPACT/ISSUES, LAND USE - RECREATION, LAND USE - NATURAL AREAS, BROCHURES/LITERATURE/NEWSLETTERS, ETC, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7a</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7b</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7c</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7d</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7e</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7f</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>land7g</td>
<td>VERY IMPORTANT, SOMEWHAT IMPORTANT, NOT VERY IMPORTANT, NOT IMPORTANT AT ALL, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>propA1</td>
<td>INCREASE PROPERTY TAXES, INCREASE SALES TAX, INCREASE INCOME TAX, LOTTERY MONEY, ALL THREE SOURCES, SALES/INCOME TAX, SALES/PROPERTY TAXES, INCOME/PROPERTY TAX, NONE/NO INCREASE, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>propA2</td>
<td>INCREASED EDUCATIONAL OPPORTUNITIES, REDUCED EDUCATIONAL OPPORTUNITIES, TOO DIFFERENT IN OPPORTUNITIES, TOO HIGH, TOO LOW, ABOUT THE RIGHT AMOUNT, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>propA3</td>
<td>TOO HIGH, TOO LOW, ABOUT THE RIGHT AMOUNT, DO NOT KNOW, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>propA4</td>
<td>INCREASE PROPERTY TAXES, INCREASE SALES TAX, INCREASE INCOME TAX, CUT OTHER BUDGET AREAS, LOTTERY/CASINOS/GAMBLING, EMPLOYMENT/BUSINESS TAXES, CIGARETTE/ALCOHOL TAXES, NO NEED FOR INCREASE, SALES/INCOME TAX, SALES/PROPERTY TAXES, INCOME/PROPERTY TAX, ALL THREE TAXES COMBINED, SALES/PROPERTY TAXES COMBINED, INCOME/PROPERTY TAX, ALL THREE TAXES COMBINED, INCOME/PROPERTY TAX, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>propA5</td>
<td>INCREASE PROPERTY TAX MILLAGE, REMOVE LIMIT ON ASSESSMENT INCREASES, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>i1</td>
<td>DAILY, 3 TO 4 TIMES A WEEK, ONCE A WEEK, A COUPLE OF TIMES A MONTH, ONCE A MONTH, A FEW TIMES A YEAR, NEVER, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>i1a</td>
<td>DO NOT OWN COMPUTER, DO NOT OWN COMPUTER/NO COMPUTER, TOO MUCH JUNK ON INTERNET, DONT KNOW HOW USE COMPUTER/GET ON-LINE, TOO MUCH JUNK ON INTERNET, TOO EXPENSIVE, DONT TRUST INTERNET/SECURITY ISSUE, NO INTERNET ACCESS, MISCELLANEOUS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>i2b</td>
<td>6 MONTHS OR LESS, 7-11 MONTHS, 1 YEAR, 2-3 YEARS, MORE THAN 3 YEARS, DO NOT KNOW, REFUSED</td>
</tr>
<tr>
<td>QH13</td>
<td>EXCELLENT, GOOD, FAIR, POOR, DO NOT KNOW</td>
</tr>
</tbody>
</table>
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 PO1 (9,8).
MISSING VALUES SEC4 (9,8).
MISSING VALUES CG2 (9,8).
MISSING VALUES PO2 (9,8).
MISSING VALUES p18 (9,8).
MISSING VALUES P4a@gmail (99,98).
MISSING VALUES P4a@b (99,98).
MISSING VALUES D10 (9,8).
MISSING VALUES D11 (9,8).
MISSING VALUES D12 (9,8).
MISSING VALUES w1 (9,8).
MISSING VALUES w2 (9,8).
MISSING VALUES w3 (9,8).
MISSING VALUES w7 (99,98).
MISSING VALUES term1 (9,8).
MISSING VALUES term2 (9,8).
MISSING VALUES term3 (9,8).
MISSING VALUES term4 (9,8).
MISSING VALUES land1 (9,8).
MISSING VALUES land2 (9,8).
MISSING VALUES land3 (9,8).
MISSING VALUES land5a (9,8).
MISSING VALUES land5b (9,8).
MISSING VALUES land4 (9,8).
MISSING VALUES land4a (99,98).
MISSING VALUES land4b (99,98).
MISSING VALUES land7a (9,8).
MISSING VALUES land7b (9,8).
MISSING VALUES land7c (9,8).
MISSING VALUES land7d (9,8).
MISSING VALUES land7e (9,8).
MISSING VALUES land7f (9,8).
MISSING VALUES land7g (9,8).
MISSING VALUES propA1 (99,98).
MISSING VALUES propA2 (9,8).
MISSING VALUES propA3 (9,8).
MISSING VALUES propA4 (99,98).
MISSING VALUES propA5 (9,8).
MISSING VALUES i1 (9,8).
MISSING VALUES i1a (99,98).
MISSING VALUES i2b (9,8).
MISSING VALUES QH13 (9,8).
MISSING VALUES i2c (9,8).
MISSING VALUES QH2a (99,98).
MISSING VALUES QH2b (9,8).
MISSING VALUES QH18 (9,8).
MISSING VALUES QH19 (9,8).
MISSING VALUES QH24 (9,8).
MISSING VALUES i4b (9,8).
MISSING VALUES i6 (9,8).
MISSING VALUES i6a (9,8).
MISSING VALUES HEA05a (9,8).
MISSING VALUES HEA05f (9,8).
MISSING VALUES HEA05g (9,8).
MISSING VALUES HEA05n (9,8).
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=26115)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=26121)newregn2=3.
if (cnty=26023 or cnty=26133 or cnty=26139)newregn2=3.
if (cnty=26159)const=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.
freq var=regn listed.
weight off.
compute listwt=1.
if (listed=2)listwt=3.6556.
if (listed=1 or listed=3)listwt=0.7188.
weight by listwt.
freq var=listed regn.
weight off.
compute phwt=1.
* This weights households by number of phone lines.
compute phwt=listwt.
if (cd26 eq 1 or cd26 ge 8)phwr=1.1068*listwt.
if (cd26 eq 2)phwt=0.5534*listwt.
if (cd26 eq 3)phwt=0.3689*listwt.
if (cd26 eq 4)phwt=0.2767*listwt.
if (cd26 eq 5)phwt=0.2214*listwt.
if (cd26 eq 6)phwt=0.1845*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*0.5310.
if (cd10=2)adltwt=phwt*1.0621.
if (cd10=3)adltwt=phwt*1.5931.
if (cd10=4)adltwt=phwt*2.1242.
if (cd10=5)adltwt=phwt*2.6552.
if (cd10=6) adltwt=phwt*3.1862.
if (cd10=7) adltwt=phwt*1.
if (cd10=8) adltwt=phwt*1.
if (cd10=9) adltwt=phwt*1.
if (cd10=10) adltwt=phwt*1.
*if (cd10=98 or cd10=99) adltwt=phwt*.5386.
weight by adltwt.
freq var=cd10.

FREQUENCIES
VARIABLES=cd1  cd2.
compute age=0.
if (cd2 lt 86) age=103-cd2.
if (cd2 ge 86 and cd2 lt 900) age=100+(100-cd2).
if (cd2 ge 998) age=0.
*if (age=17) age=18.
if (age le 0) age=0.
if (age ge 18 and age lt 25) agecat=1.
if (age ge 25 and age lt 30) agecat=2.
if (age ge 30 and age lt 40) agecat=3.
if (age ge 40 and age lt 50) agecat=4.
if (age ge 50 and age lt 60) agecat=5.
if (age ge 60 and age lt 65) agecat=6.
if (age ge 65) agecat=7.
if (age le 17) agecat=9.
missing values age (0)/agecat (9).
value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.

freq var=agecat.
freq var=regn.
compute rac3=0.
compute multrace=0.
count mult2=cd4a@a to cd4a@e(1).
if (mult2=0 and cd5a=1) races=1.
if (cd4a@a=1 and mult2=1) races=2.
if (cd4a@c=1 and mult2=1) races=3.
if (mult2 gt 1 and cd4a@e=1) races=5.
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*1.1623.
if (imprace eq 2 and cd1 eq 1 and regn eq 1) racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 1) racgenct=ovrsamwt*0.3522.
if (imprace eq 1 and cd1 eq 5 and regn eq 1) racgenct=ovrsamwt*0.9809.
if (imprace eq 2 and cd1 eq 5 and regn eq 1) racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 1) racgenct=ovrsamwt*0.5340.
if (imprace eq 1 and cd1 eq 1 and regn eq 2) racgenct=ovrsamwt*1.2673.
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*0.1582.
if (imprace eq 1 and cd1 eq 5 and regn eq 2) racgenct=ovrsamwt*0.9874.
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*0.5753.
if (imprace eq 1 and cd1 eq 1 and regn eq 3) racgenct=ovrsamwt*1.0027.
if (imprace eq 2 and cd1 eq 1 and regn eq 3) racgenct=ovrsamwt*6.4506.
if (imprace eq 3 and cd1 eq 1 and regn eq 3) racgenct=ovrsamwt*0.1302.
if (imprace eq 1 and cd1 eq 5 and regn eq 3) racgenct=ovrsamwt*1.2098.
if (imprace eq 2 and cd1 eq 5 and regn eq 3) racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 3) racgenct=ovrsamwt*0.7886.
if (imprace eq 1 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*0.8778.
if (imprace eq 2 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*0.9322.
if (imprace eq 1 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*1.0214.
if (imprace eq 2 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*3.3638.
if (imprace eq 1 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*1.1377.
if (imprace eq 2 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*3.3266.
if (imprace eq 3 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*0.8718.
if (imprace eq 1 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*1.0024.
if (imprace eq 2 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.5880.
if (imprace eq 3 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.1822.
if (imprace eq 1 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*1.0025.
if (imprace eq 2 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*21.1191.
if (imprace eq 3 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*1.3375.
if (imprace eq 1 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*1.0724.
if (imprace eq 2 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*1.8863.
if (imprace eq 3 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*0.3038.
if (imprace eq 1 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*2.2381.
if (imprace eq 2 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*1.2334.
if (imprace eq 3 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*2.0354.
if (imprace eq 1 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*1.0696.
if (imprace eq 2 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*0.8017.
if (imprace eq 3 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*0.6005.

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*1.8247.
if (agecat eq 2 and regn eq 1) agewt=racgenct*1.2497.
if (agecat eq 3 and regn eq 1) agewt=racgenct*1.1479.
if (agecat eq 4 and regn eq 1) agewt=racgenct*0.6585.
if (agecat eq 5 and regn eq 1) agewt=racgenct*0.8400.
**SOSS-33: SPSS Weighting Commands**

**Appendix E-14**

**IPPSR - OSR**

if (agecat eq 6 and regn eq 1) agewt = racgenct*1.6730.
if (agecat eq 7 and regn eq 1) agewt = racgenct*1.0754.
if (agecat eq 1 and regn eq 2) agewt = racgenct*0.8749.
if (agecat eq 5 and regn eq 2) agewt = racgenct*0.9352.
if (agecat eq 2 and regn eq 2) agewt = racgenct*1.1736.
if (agecat eq 7 and regn eq 2) agewt = racgenct*0.6032.
if (agecat eq 1 and regn eq 3) agewt = racgenct*0.6416.
if (agecat eq 2 and regn eq 3) agewt = racgenct*2.6737.
if (agecat eq 3 and regn eq 3) agewt = racgenct*1.6510.
if (agecat eq 7 and regn eq 3) agewt = racgenct*0.9445.
if (agecat eq 4 and regn eq 3) agewt = racgenct*0.9073.
if (agecat eq 7 and regn eq 4) agewt = racgenct*0.8480.
if (agecat eq 1 and regn eq 4) agewt = racgenct*0.7388.
if (agecat eq 2 and regn eq 4) agewt = racgenct*1.2212.
if (agecat eq 3 and regn eq 4) agewt = racgenct*1.2974.
if (agecat eq 4 and regn eq 4) agewt = racgenct*0.9698.
if (agecat eq 5 and regn eq 4) agewt = racgenct*0.8264.
if (agecat eq 6 and regn eq 4) agewt = racgenct*0.9479.
if (agecat eq 7 and regn eq 4) agewt = racgenct*1.1645.
if (agecat eq 1 and regn eq 5) agewt = racgenct*2.5716.
if (agecat eq 2 and regn eq 5) agewt = racgenct*1.1092.
if (agecat eq 3 and regn eq 5) agewt = racgenct*1.2571.
if (agecat eq 4 and regn eq 5) agewt = racgenct*0.9480.
if (agecat eq 5 and regn eq 5) agewt = racgenct*0.4979.
if (agecat eq 6 and regn eq 5) agewt = racgenct*0.9479.
if (agecat eq 7 and regn eq 5) agewt = racgenct*1.1906.
if (agecat eq 1 and regn eq 6) agewt = racgenct*0.6648.
if (agecat eq 2 and regn eq 6) agewt = racgenct*0.9475.
if (agecat eq 3 and regn eq 6) agewt = racgenct*1.5252.
if (agecat eq 4 and regn eq 6) agewt = racgenct*1.2939.
if (agecat eq 5 and regn eq 6) agewt = racgenct*0.8007.
if (agecat eq 6 and regn eq 6) agewt = racgenct*0.4678.
if (agecat eq 7 and regn eq 6) agewt = racgenct*1.2647.
if (agecat eq 1 and regn eq 7) agewt = racgenct*2.8977.
if (agecat eq 2 and regn eq 7) agewt = racgenct*2.3554.
if (agecat eq 3 and regn eq 7) agewt = racgenct*1.1808.
if (agecat eq 4 and regn eq 7) agewt = racgenct*0.9603.
if (agecat eq 5 and regn eq 7) agewt = racgenct*0.7491.
if (agecat eq 6 and regn eq 7) agewt = racgenct*0.7710.
if (agecat eq 7 and regn eq 7) agewt = racgenct*0.5717.

weight by agewt.
freq var=regn.
weight off.
freq var=regn.

compute adjwt=agewt.
*The following command adjusts the number of cases in each region back to the actual number interviewed.
compute adjwt=agewt.
if (regn=1) adjwt = agewt*0.98182.
if (regn=2) adjwt = agewt*1.03614.
if (regn=3) adjwt = agewt*0.87892.
if (regn=4) adjwt = agewt*1.00667.
if (regn=5) adjwt = agewt*0.87500.
if (regn=6) adjwt = agewt*1.03333.
if (regn=7) adjwt = agewt*1.39700.
*compute adjwt=adjwt*0.998991.
weight by adjwt.
freq var=regn.
weight off.
recode regn (1=1) (2=2) (3=3) (4=4) (5=5) (6=6) (7=6) into msueregn.
value labels masuregn 1 'UP' 2 'North LP' 3 'W. Central' 4 'E. Central'
5 'Southwest' 6 'Southeast Urban'.
freq var=masuregn.

compute msuewt=adjwt.
if (regn=7)msuewt=adjwt*0.4083.
if (regn=6)msuewt=adjwt*1.3817.
*compute msuewt=msuewt*0.9989.
*if (msueregn=6)msuewt=msuewt*0.9949.
weight by msuewt.
freq var=masuregn.

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.5849.
if (msueregn eq 2)statewt=msuewt*0.6202.
if (msueregn eq 3)statewt=msuewt*0.6825.
if (msueregn eq 4)statewt=msuewt*0.5399.
if (msueregn eq 5)statewt=msuewt*0.8799.
if (msueregn eq 6)statewt=msuewt*1.6681.
*compute statewt=statewt*1.001.
weight by statewt.
freq var=regn masuregn.

freq var=cd1 cd3 cd5a rac3 cd8 cd10 cd15 income agecat.
*freq var=imprace.
*weight off.
*freq var=imprace.
*compute racewt=statewt.
*if (imprace=1 or imprace=3)racewt=0.80747*statewt.
*if (imprace=2)racewt=2.277154*statewt.
*weight by racewt.
*freq var=imprace.

*recode cd11 (sysmis=-9).
*if (cd10 =1 and (age ge 65 and age lt 99))cd11=1.
*if (cd10=1 and age lt 65)cd11=0.
*recode cd11 (-9=99).

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

* This calculates household income categories a different way assigning the case
to the category represented by the last valid (i.e., non-DONT KNOW or REFUSAL)
response obtained: It corrects an error in the storing of the separate income question
responses in the INCOME question in the cati instrument (including an incorrect skip
pattern and also minimizes the number of cases for which missing data values are
stored by utilizing their last valid response.

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 (incf=1)newinc=5.
if (inf=1)newinc=6.
if (incg=1)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 of More' 9 'DK' 0 'REF'.
missing values newinc (0,9).
recode income (-9=sysmis).
freq var=newinc.
*compute income-newinc.
******************************************************
freq var=length.
if (length lt 10) length=0.
compute adjwt=adjwt*10000.
compute msuewt=msuewt*10000.
compute statewt=statewt*10000.
*compute racewt=racewt*10000.

write Outfile='d:\soss33\soss33wt.dat'
/1           CASEID 1-5                 ID1 1-5                    R1 6
random 7               cnty 8-12                 regn 13
listed 14                  CC1 25                 CC2 26
CC3 27                 CC4 28                 CC5 29
CC6 30                  PO1 31                 SEC4 32
CC2 33                 PO2 34                 PHWT 35
P4a@a 36-37             P4@b 38-39                  D10 40
D11 41               D12 42                 w1 43
w2 44                  w3 45                 w7 46-47
term1 48                 term2 49                  term3 50
term4 51                 land1 52                 land2 53
land3 54                 land5a 55                 land5b 56
land4 57                 land4a 58-59               land4b 60-61
land7a 62               land7b 63                 land7c 64
land7d 65                 land7e 66                 land7f 67
land7g 68                 propA1 69-70               propA2 71
propA3 72                 propA4 73-74               propA5 75
i1 76               i1a 77-78               i2b 79
QH13 80
/2                i2c 1               i2d 2                 i2e 6
i2a 4                  i2b 5                 i2c 6
i2a@b 10-12             i2a@c 13-15
i2a@e 19-21             QH2a 22-23
QH2b 24                QH18 25                 QH19 34
QH2c 35                 i4a 36-39               i4b 40
i6 42                 i6a 43                 HEA05a 44
HEA05f 45                 HEA05g 46               HEA05n 47
HEA05o 48                 HEA06 50                 HEA11 51
HEA11a 52                  HEA12 53               HEA13 54
I5b 55                 I5c 56                 CD1 57
CD2 58-60                CD3 61-62               CD5a 63
CD4a@b 64                CD4a@b 65               CD4a@c 66
CD4a@d 67                CD4a@e 68               CD6 69-70
CD7a 71                CD7@b 72                 CD7@c 73
CD7b 74                partyid 75               P17@a 76
P17@b 77                P17@c 78               P17@d 79
ideology 80
/3                CD8 1               CD10 2-3               CD15 4-5
17 6                I7a 7                 retire1 8
retire2 9               retire3 10-11             retire4 12-13
UN1 14                UN2 15                 UN3 16
incd 17                incb 18                 incc 19
incd 20                ince 21                 incf 22
incg 23                income 24               CD26 25
X1 26-27                zipcode 28-32             RI8@ 33
fp1 49                contacts 50-51               length 52-55
idate 56-63               iwer 64-66             males 67-68
females 69-70
/4               races 45              mult2 46              AGECAT 47
ADJWT 49-54
MSUEREGN 55              MSUEWT 56-62
STATEWT 64-69              rac3 71              AGE 72-73
imprace 74               newinc 75          .
execute .

compute adjwt=adjwt/10000.
compute msuewt=msuewt/10000.
compute statewt=statewt/10000.
*compute racewt=racewt/10000.
freq var=regn.
var labels
  newregn2 'Alternate coding of cases into regions based on FIPS' /
listwt 'Weight adjustment for listed vs nonlisted numbers' /
phwt 'Weight adjustment for number of phone lines to HHLD' /
adltwt 'Weight adjustment for number adults in HHLD' /
age 'Rs age calculated from year born (CD2)'/
agecat 'Rs age in categories'/
rac3 'Rs race in 3 categories and missing'/
mult2 'Number racial groups R claims'/
races 'Rs race in 6 categories'/
imprace 'Rs race in 3 categories with imputation if missing'/
adj1 'interim weight adjustment'/
ovrsamwt 'interim weight adjustment'/
ragenct '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'.