

*METHODOLOGICAL REPORT*

MICHIGAN STATE UNIVERSITY  
STATE OF THE STATE SURVEY  
[MSU SOSS-50]

Fall 2008 Round

*Prepared by:*

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## **NOTE TO THE READER**

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

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

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# 1. PURPOSE OF SURVEY

Dr. Jack H. Knott, former Director of the Institute for Public Policy and Social Research [IPPSR], made the Michigan State University State of the State survey [MSU SOSS] a reality by promoting the idea throughout the University and convincing the key sponsors to contribute funds to get the survey off the ground. With funding assured for the first year, planning began in June 1994. After completing 19 rounds of SOSS, there was a brief period of inactivity between the Fall of 1999 and the Winter of 2001 when, for budgetary reasons, no rounds of SOSS were conducted. However, with the appointment of Dr. Carol Weissert as the Director of IPPSR in the Fall of 2000, there was a resurgence of both interest and funding for the resumption of SOSS as a longitudinal survey of the state's adult population on policy-relevant issues.

SOSS is a quarterly survey of the citizens of Michigan. It employs Computer Assisted Telephone Interviewing (CATI) technology to interview a stratified random sample of Michigan citizens. Conducted by the Office for Survey Research, a division of the Institute for Public Policy and Social Research, SOSS was inaugurated in October 1994.

Although dozens of surveys are conducted in Michigan every year, none is designed to provide a regular systematic monitoring of the public mood in major regions of the state. SOSS is designed to fill this information gap. SOSS has five principal objectives.

**1. To Provide Information about Citizen Opinion on Critical Issues.** In keeping with MSU's role as the premier Land Grant University in the United States, MSU seeks to inform the public about the state of the state. Although statistics from censuses, public records, programs, and services provide important information about the state of the state, there is no substitute for gathering information directly from the citizens. By conducting a State of the State survey at regular intervals, IPPSR hopes to monitor the public's mood about important aspects of Michigan's public life. This information should be useful not only to citizens at large but also to policy-makers in the public sector and to other groups and organizations that take an active interest in the state of the state of Michigan.

By disseminating this information through the mass media and in special studies, IPPSR hopes to provide baselines for assessing change in the people's sources of satisfaction and dissatisfaction with the quality of life, the performance of public institutions, the impact and efficacy of public policy, and the opinions about various aspects of life in Michigan, such as confidence in the economy and the climate for business, protection of the environment, freedom from crime, family life, and the vitality of ethnic groups and communities.

**2. To Provide Data for Scientific and Policy Research by MSU faculty.**

MSU's faculty will use the data from the State of the State Survey to address a wide variety of issues in public policy. What are the factors associated with the declining levels of confidence in governmental institutions? To what extent does social and economic status affect tolerance and mutual trust between ethnic and racial groups? Are subjective perceptions of environmental quality related to "objective" measures of environmental quality in Michigan's counties? These are only a few examples of the types of questions that the principal researchers will address using the SOSS results. To serve the interests of a wider scientific community, the SOSS data is deposited in an international data archive.

**3. To Provide Useful Information for Programs and Offices at MSU.** IPPSR has conducted a wide variety of studies for the use of MSU administrators and faculty. SOSS will also develop data for such internal use as well as provide data for use by the MSU Extension, the Vice Provost for University Outreach, and other offices. Generally, the Winter rounds of the survey will assess the public image of higher educational institutions, which will be useful to many offices at MSU.

**4. To Develop Survey Methods.** The computer-assisted telephone interviewing (CATI) technology lends itself to experiments in question wording, question order, and formatting of response categories. By varying the wording and sequences of questions and responses, the investigators can study the sensitivity of answers to the format of questions. Although survey research demands creative skills and remains to some extent an "art," the scientific study of survey methods is a well established discipline. Contributing to the scientific literature on survey methods is an important goal of the OSR; hence, a variety of experiments are built into some of the survey instruments.

**5. To Provide Opportunities for Student Training and Research.** Data from SOSS will be made directly available to professors and students for use in instruction and research in classes at MSU. The availability of up-to-date information on public opinion and individual perceptions and experiences of the Michigan population will increase the sense of immediacy and relevancy of educational projects.

## **2. CALENDAR**

People's experiences and the public mood change not only from year to year but also with the seasons. It is important to establish baselines for understanding what is a "normal" seasonal fluctuation and what is a more permanent change. For

this reason, SOSS is conducted at regular quarterly intervals. Roughly one-fourth of the questions are repeated in each quarterly round.

SOSS has seasons itself, however, by focusing the main theme of each round of the survey on topics that correspond with the annual cycle of major events in Michigan and at Michigan State University. In general, the intended cycle is as follows:

**Fall.** The Fall round in even-numbered years focuses on elections, political participation, and political attitudes and orientations. In odd-numbered years, the Fall round tends to focus on health and the environment.

**Winter.** The Winter round in each year focuses on the state of the state of Michigan, in particular on the performance of governmental institutions at all levels, on the subjective quality of life of Michigan's citizens (satisfaction with public education, work, protection from crime, environmental preservation, and so forth), and on the desire for reform in Michigan's political economy. This information should help to inform the public discussion around the time of the Governor's annual budget message. In addition, questions on the public's perceptions of Michigan's higher educational institutions should help to inform public discussion around the time of the annual "State of MSU" address by the President of the University.

**Spring.** The Spring round has as its main theme the state of Michigan families, the role and status of women, and the status of children. Assessments of public opinion concerning issues of women's rights, the status of children, and related issues will help to inform policy debates.

**Summer.** The Summer round focuses primarily on the state of ethnic Michigan, i.e., the vitality and diversity of Michigan's ethnic and racial communities. SOSS assesses the strength of ethnic ties and identities, perceptions of various ethnic groups (tolerance, stereotyping), and experiences of intolerance or discrimination. In addition, the extent of attachment to and vitality of wider communities (towns and cities) is an important mark of the quality of life in Michigan.

From time to time, SOSS may depart from this thematic plan when particular sponsorship or pressing issues make it necessary or desirable. Beyond the core set of interview items, SOSS-50 focused on respondents' views regarding a proposal to change the legal drinking age, the quality and financing of Michigan's highways, and the expansion of public transportation, including a proposed commuter rail system in the state. It included questions regarding the respondents' efforts to reduce energy consumption. It included questions regarding

the respondents' food shopping practices and attitudes, especially regarding farmers' markets and locally grown foods. It also included a lengthy section of questions regarding individuals in the Michigan National Guard and their families, particular regarding familiarity with the extent and challenges of their service, lengths of deployment, and the social, financial, and medical support they should receive.

### 3. STRUCTURE OF THE QUESTIONNAIRE

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

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

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

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

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

The questionnaire consists almost entirely of closed-ended questions. Verbatim responses are used and open-ended coding are required for these questions.

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

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

#### 4. MANAGEMENT AND ORGANIZATION

**IPPSR.** In the summer of 2007, IPPSR Director Dr. Douglas Roberts named **Dr. Charles Ballard** (Department of Economics) as the overall Director of the SOSS program, replacing **Dr. Brian Silver** (Department of Political Science) who had served as the SOSS Director since its beginning in 1994. Overall responsibility for the execution and management of the SOSS rests with the Office for Survey Research (OSR) of the Institute for Public Policy and Social Research. The Principal OSR staff for SOSS consists of **Dr. Larry Hembroff**, Survey Director and Methodologist, **Karen Clark**, Programmer and Project Manager, and the Director of Survey Operations **Linda Stork**.

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

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

The Working Group for the Fall 2008 survey included:

**Dr. Ken Boyer**, Professor, Economics, Department Of Supply Chain  
Management, Michigan State University

**Dr. Stan Kaplowitz**, Professor, Department of Sociology , Michigan State University

**Dr. Rick Lyles**, Professor, Civil & Environmental Engineering , Michigan State University

**Dr. Adrian Blow**, Assist. Professor, Family & Child Ecology , Michigan State University

**Dr. Barbara Ames**, Professor, Family & Child Ecology , Michigan State University

**Dr. Janet Bokemeier**, Chair, Professor, Department of Sociology , Michigan State University

**Dr. David Conner**, Research Specialist, Department of Community, Agriculture, Recreation, and Resource Studies , Michigan State University

**Dr. Susan Smalley**, Outreach Specialist, Director, Department of Community, Agriculture, Recreation, and Resource Studies , Michigan State University

## 5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2008 series of surveys:

### Organizations

Area Agencies on Aging Association of Michigan

Aspen Institute

Community Foundation for Southeastern Michigan

C. S. Mott Group for Sustainable Food Systems

Dept. of Political Science, Florida State University

Dept. of Political Science, Tufts University

Nonprofit Michigan Project

University of Michigan

United Way of Michigan

State of Michigan

Department of Military Veteran Affairs

Gerald R. Ford School of Public Policy, University of Michigan

Muhlenberg College  
The Center for Michigan  
Michigan Department of Information Technology, Bureau of  
Strategic Policy

Michigan State University

Applied Policy Grants Initiative  
Center for Health Care Studies  
Center for Health Promotion and Disease Prevention  
College of Communication Arts & Sciences  
College of Human Ecology  
College of Human Medicine  
College of Osteopathic Medicine  
College of Social Science  
Department of Economics  
Department of Political Science  
Department of Psychology  
Department of Radiology  
Department of Sociology  
Education Policy Institute  
Institute for Public Policy and Social Research  
Julian Samora Research Institute  
Land Use Policy Institute  
Legislative Leadership Program  
Managed Care Institute  
Michigan Agricultural Experiment Station  
MSU Extension  
MSU Institute for Children Youth and Families  
Office of the Provost  
Office of the Vice President for Research and Graduate Studies  
Office of the Vice Provost for University Outreach  
School of Criminal Justice  
School of Labor and Industrial Relations  
School of Social Work

## **6. DISSEMINATION OF RESULTS**

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

Each round of the survey has an identified set of Principal Investigators (PI's) who have priority in access to the data for that round but also certain obligations. The PI's have exclusive right to prepare scientific papers for publication from the data for that survey for a period of six months after the end of the field date.

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

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

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

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

## 7. SAMPLE DESIGN

The referent population is the non-institutionalized, English-speaking adult population of Michigan age 18 and over. Since the survey was conducted by telephone, only persons who lived in households that had landline telephones had a chance of being interviewed.

**Stratification.** To assure representation of major regions within Michigan, the sample was stratified into six regions, each consisting of a set of contiguous counties, plus the City of Detroit. The grouping of counties corresponds to that used by MSU Extension prior to July 2005 with Detroit separated out from the Southeast region.

The six regions are defined as follows (counties listed within regions):

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

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

In July 2005, the MSU Extension reconfigured its regions from six to five. The only region that did not change in terms of the counties comprising it was the Upper Peninsula. The new regional configuration is as follows:

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

Region 2 North: Emmet, Cheboygan, Presque Isle, Alpena, Montmorency, Otsego, Charlevoix, Leelanau, Benzie, Grand Traverse, Kalkaska, Crawford, Oscoda, Alcona, Iosco, Antrim, Manistee, Missaukee.

Region 3 Central: Kent, Ottawa, Gratiot, Montcalm, Newaygo, Midland, Isabella, Mecosta, Oceana, Bay, Arenac, Gladwin, Clare, Osceola, Lake, Mason, Ogemaw, Roscommon, Wexford.

Region 4 Southwest: Lenawee, Hillsdale, Branch, St Joseph, Cass, Berrien, Jackson, Calhoun, Kalamazoo, Van Buren, Ingham, Eaton, Barry, Allegan, Shiawassee, Clinton, Ionia, Muskegon.

Region 5 Southeast: Monroe, Wayne, Washtenaw, Livingston, Oakland, Macomb, St Clair, Lapeer, Genesee, Sanilac, Saginaw, Tuscola, Huron.

Particularly for purposes of maintaining the longitudinal value of the State of the State Survey data sets, OSR elected to continue using the original regional configuration as the basis for the stratified sampling design of each survey. OSR will continue to calculate caseweights that will allow generalizations to these regions that take full advantage of the disproportionate sampling design. However, to maintain the utility of the SOSS data sets for MSU Extension purposes, as of SOSS 38, we have constructed a variable (MSUE2005r5) aggregating counties into the new MSUE regional groupings and have constructed a separate set of caseweights appropriate for these regions.

**Sampling**. Until SOSS-35, all previous respondents were derived only from random-digit dial samples. Beginning with SOSS-35, a change was made in the sampling strategy for the State of the State Surveys. The overall intent of the change was to reduce costs, increase response rates, and shorten the field period needed to complete each survey. The revised strategy is similar to that used on the University of Michigan's Survey of Consumer Attitudes. A portion of the sample of interviews is derived from a new random-digit dial sample of phone numbers in the state. The details of this are described below. The other portion of the sample of completed interviews (roughly 40%) is derived from re-interviews of individuals who had been interviewed in the previous round of SOSS and who had agreed to be re-contacted. Roughly 90% of all respondents in each round of SOSS agree to be re-contacted. Re-interviewing individuals who constituted a representative random sample of the state's adults should still constitute a representative random sample several months later if adjustments for any non-response are made. Limiting the portion of SOSS-50's sample of completed interviews derived from re-interviews with SOSS-49 participants to less than half of the total number of SOSS-50 interviews ensures that there should be sufficient numbers of respondents who will be willing to be re-contacted and will be reachable for the next round of SOSS. In addition to the three benefits listed above as reasons for making the change in sampling strategy, having a portion of each round of SOSS derived from re-interviews with individuals from a previous round enables a part of the SOSS sample to constitute a panel so that change can be measured at the individual level from quarter to quarter – a distinct benefit.

Respondents' households newly enlisted to participate for SOSS-49 were selected using list-assisted random-digit dial sampling procedures. Those being re-

interviewed had been sampled and selected in this same manner when they were first recruited to participate in the previous round of SOSS. Ordinarily, the initial sample of randomly generated telephone numbers is purchased from Survey Sampling, Inc (SSI). SSI begins the process of generating phone numbers with the list of all working area code and phone number exchange combinations. In the case of this study, the universe was constrained to include only those telephone numbers that are active in the state of Michigan. From within this list of possible phone numbers, SSI eliminates those banks of numbers represented by the 4-digit suffix that are known to be unused or are known to be used only by institutions. To improve the efficiency of the calling, we have begun to have SSI stratify this sampling frame into two strata initially, one comprised of all phone numbers that are listed in phone directories, and the other comprised of all phone numbers that are not listed in directories but which are members of banks in which at least one phone number is listed. We then request that SSI over-sample phone numbers from the listed stratum. Telephone numbers are selected at random in proportion to the number of households in each county from all those remaining telephone numbers until the quantity needed within a particular geographic grouping of counties is obtained.

As a final step, SSI screens the phone numbers generated. The resulting sample is then checked against SSI's database of business phone numbers and checked for known disconnected numbers. Ordinarily, these numbers are removed from the sample and not called.

To determine the total number of telephone numbers to have SSI generate in order to achieve the desired sample sizes within regions of the state, OSR divided the number of completed interviews desired by the product of (a) the proportion of numbers expected to be working household numbers (the Hit Rate), (b) the proportion of household numbers that would contain an eligible respondent (the Eligibility Rate), and (c) the proportion of households with eligible respondents who would complete the interview in the time period available (the Completion Rate). For SOSS-50, 7,5569 phone numbers were used, 558 in the re-contact segment and 6,998 in the new RDD segment. The working phone number rate was 91.4% in the re-contact segment and 73.6% in the new RDD segment.

The sampling design for the State of the State Survey is a stratified sample based on regions of the state with the regions sampled somewhat disproportionate to the actual sizes of the populations within each region. The purpose of the stratification is to assure a sufficient minimum number of respondents from each of the strata to permit detailed analysis.

The typical sampling design for SOSS calls for approximately 150 interviews from the East Central Region, the Southwest Region, and the combined Upper

Peninsula and Northern Lower Peninsula Regions. Approximately 200 interviews are to be completed in the West Central Region and the Southeast Region. And approximately 150 interviews are to be completed from the City of Detroit. The total sample size is to be approximately 1,000.

**Sample Weights.** Because of the split sample approach, we have weighted each segment regarding selection probabilities and then combined them into a single file. The combined data file is then weighted to be representative of the geographic regions and the state as a whole. The details for weighting each segment are provided below.

Because of the stratification (i.e., geographic strata, listed vs. not-listed phone number strata) and the unequal sampling rates across the strata, it is necessary to use "weights" to bring the characteristics of the sample into line with those of each region, or with those of the state as a whole (depending on the purpose of the analysis). Accordingly, the data files contain weights for the original six MSU Extension regions, for the new Extension regions, as well as for the state as a whole.

As indicated above, the initial frame was stratified into listed numbers and not-listed numbers in 1+ banks and then listed numbers were over-sampled. Other information from SSI indicates that 65% of households with phones have listed numbers. An initial weight, listwt, was constructed to adjust representation of listed and unlisted numbers in the data file so that listed numbers comprised only 65% of all data records.

To construct the remaining weights, characteristics of the population of the regions were drawn from 2000 census data. To make generalizations about individuals' views and behaviors, it is necessary to ensure that each respondent in a survey sample has an equal probability of selection or is represented in the data set as having had equal probabilities of being selected. However, since households with multiple phone lines have more chances of being selected into the sample than those with only one phone line, this source of unequal chances has to be adjusted for in analyzing the data. Consequently, the SOSS interview included a question asking respondents how many separate phone numbers the household has. In the event of item non-response, the number of phone lines was assumed to be one. Each case was then weighted by the reciprocal of the number of phone numbers and then adjusted so that the total number of cases matched the actual number of completed interviews. In the data set this weight is named PHWT.

Similarly, an adult in a two-adult household would have half the chance of being selected to be interviewed as would the only adult in a single adult household. This, too, requires adjustment to correct for unequal probabilities of selection. The

interview included a question as to the number of persons 18 years of age or older living in the household. In the event of item non-response, the household was assumed to have only one adult. Each case was then weighted by the inverse of its probability of selection within the household, or by the number of adults in the household. This was then also adjusted so that the total number of weighted cases matched the actual number of completed interviews. In the data set, this weight is named ADLTWT.

At this point, the adjustment was intended primarily to facilitate accurate weighting to adjust for non-response based on age, gender, and race within SOSS regions. It is common for some groups of individuals to be more difficult to reach or more likely to refuse in RDD (random-digit dialing) surveys. For making generalizations about the population from which the sample was drawn, the accuracy of the results can be distorted by these non-response patterns. Consequently, it is common to weight cases in the sample to adjust for non-response. This is accomplished by weighting each case so that cases of each type appear in the sample proportionately to their representation in the general population.

For the State of the State Survey, cases are weighted so that the proportions of white males, African American males, other racial group males, white females, African American females, and other racial group females in the sample for each region matched the proportions each of these groups represent in the adult population of each of the original MSU Extension regions and the City of Detroit based on the 2000 Census. In the data set, this weighting factor is named RACGENCT. Furthermore, within each of the original MSU Extension regions and the city of Detroit, the cases were additionally weighted so that the proportion of cases falling into each of the following age groups matched the proportions in the 1990 Census for each region: 18 - 24 years old, 25 - 29, 30 - 39, 40 - 49, 50 - 59, 60 - 64, and 65 or older. In the data set, this weighting factor is named AGEWT (since rounding and missing data sometimes result in the weighted number of cases differing slightly from the actual number, AGEWT is adjusted slightly with ADJWT to ensure that the number of cases for each region in the weighted data set is the same as the actual number of interviews completed). Detroit continues to be a separate stratum to this point, but a new variable MSUEREGN was constructed to fold Detroit proportionately into the Southeast region within that variable. A new weighting variable (MSUEWT) was constructed to represent Detroit proportionately correctly within the southeast MSUEREGN.

Since the sample was drawn disproportionately across the original six MSUE regions of the state (with Detroit in the Southeast region), statewide estimates of the citizenry's opinions require post-stratification weights to adjust for the over-sampling of some regions and the under-sampling of others. Thus each

case was weighted so that the proportion of cases from each region in the total sample matched the proportion of adults from the corresponding region in the state's population based on 2000 Census data. The weighting factor for this post-stratification weighting in the data set is named STATEWT.

It is important to note that these weight factors were constructed sequentially and build on the earlier steps. Thus, AGEWT weights cases adjusting for the number of phone lines, the number of adults in the household, the number of respondents from each county, the gender x race category proportions within the region, and the age category proportions within regions. STATEWT weights cases by all of those adjustments implied by AGEWT and adjusts the proportions of cases across regions. **For developing statewide results**, the user should use the data weighted by STATEWT and select only those cases for which the value of the variable SAMPLE is less than 3. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the data weighted by ADJWT, again selecting only cases for which SAMPLE is less than 3. **To compare directly the original MSUE regions**, the data should be weighted by MSUEWT and cases selected for which SAMPLE is less than 3.

As we noted above, beginning with SOSS-38, we have constructed an alternative set of weights based on the new MSU Extension regions. To identify regions, we grouped cases based on the respondent's county of residence into one of six regional groupings (including Detroit as a separate region) in a variable named MSUE2005. The race x sex x age profile of the sample (weighted by adltwt) was then compared to the corresponding profile in the 2000 U.S. Census for each region and the city of Detroit. For this comparison, respondents' ages were collapsed into one of four categories: 18-29, 30-44, 45-64, and 65 or older. This variable is labeled AGE4. A weight value (NEWADJWT) was calculated for each case that is intended to adjust the cases within each region to match the race x sex x age profile while keeping Detroit separate from the new Southeast Extension region. Another region variable (MSUE2005r5) was constructed representing only the five new Extension regions with Detroit included in the Southeast region and then an additional weighting adjustment was made for cases in the Southeast region so that Detroit cases were proportionately represented within the region and the total number of weighted cases in each region equaled the actual number of interviews. This weight variable, **MSUE2005WT**, should be used when the new Extension regions are to be compared to each other. **NEWADJWT** should be used if the new Extension regions are to be compared to each other with Detroit separated out for comparison to other regions of the state.

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

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

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

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

<u>REGION</u>	<u>Number of Cases</u>	<u>Margin of Sampling Error</u>
Upper Peninsula	69	± 11.9%
Northern Lower Peninsula	84	± 10.8%
West Central	195	± 7.0%
East Central	148	± 8.1%
Southwest	142	± 8.3%
Southeast	186	± 7.2%
Detroit	129	± 8.7%
Statewide Total	953	± 3.2%

## 8. FIELD PROCEDURES

**CATI System.** Interviews were conducted using the Computer Assisted Telephone Interviewing system (CATI) of IPPSR's Office for Survey Research (OSR). OSR uses the CASES (version 4.3.7) software for its CATI system. CASES was developed by the University of California–Berkeley, the U.S. Census Bureau, and the U.S. Department of Agriculture. In a CATI system, the completed interview is scripted and then programmed so that, when executed from a computer workstation, each question or instruction is presented on the computer screen in order to the interviewer. The program then indicates what numeric codes or text the interviewer is allowed to enter as responses to each of the questions. When entered, the responses are stored directly into the data set for the study.

The CASES software enables the interview to be fully programmable. The software integrates both closed-ended questions and open-ended questions. The software allows interviewers to record notes along with responses to closed questions. By default, the software moves directly from one item to the next in the sequence unless specific program commands are inserted to direct the execution path elsewhere. Different skip commands can be associated with separate responses to the same questions. For example, the interview can be directed to a separate battery of follow-up questions if the respondent answers "<1> YES" to a question on smoking cigarettes, and to an entirely different series of questions if the respondent answers "<5> NO." Commands can also be inserted between questions to direct the interview to a particular battery of questions based on the combination of responses to two or more previously answered questions. The programming features minimize the opportunities for many errors since inappropriate questions will not be asked and, as a result, appreciably less editing is necessary after the interview.

**Interviewers and Interviewer Training.** New interviewers received approximately 15 hours of training, including a shift of practice interviewing. Each interviewer trainee received a training manual with instructions on techniques and procedures, copies of all relevant forms, and descriptions of operations. The OSR telephone interviewing training package was developed using "General Interviewing Techniques: A Self-Instructional Workbook for Telephone and Personal Interviewer Training", authored by P. J. Guenzel, T. R. Berckmans, and C. F. Cannell (1983) of the Survey Research Center, Institute for Social Research, University of Michigan.

Experienced interviewers received approximately two hours of study specific training to acquaint them with the study protocols, the interview instrument, and the objectives of the various questions. New interviewers were also given this information as a part of their training. Approximately 54 different interviewers were involved in data collection on the 50th State of the State Survey.

**Field Period and Respondent Selection in Household.** Interviewing began on October 13, 2008 and continued through December 29, 2008.

In the portion of the sample that involved re-interviewing respondents from the previous SOSS, interviewers asked to speak with that person when they contacted the household. When interviewers successfully contacted a household in the new RDD portion of the sample, the study procedures required them to randomly select an adult from among those residing in the household to be the respondent. The Trohldal-Carter technique was used as the mechanism for choosing a respondent within each household.

Telephone numbers were called across times of the day and days of the week. If after a minimum of nine call attempts, no contact had been made with someone at the number, the call schedule for that case was reviewed by a supervisor to see that it had been tried across a variety of time periods. If it had not, the supervisor would re-release the number for additional calling in time periods that had not been tried. If, after additional calls were made, still no contact was made, the number was retired as a non-working number. If the review of the case indicated that it had been tried at various times and days, the supervisor might finalize the case as non-working or might release it for up to six additional tries. In the case contact was established, the number would continue to be tried until a total of 12 attempts were made or the interview was completed, the interview was refused, or the case was determined to be ineligible or incapable.

The average interview lasted approximately 27.0 minutes (standard deviation= 5.7) with a median of 27.0 minutes. In the case of an initial refusal, numbers were called back after eight days (although this was shortened as the end of the field period neared). Efforts were made to persuade initially reluctant respondents to complete the interview.

Completion Rate. A total of 953 interviews was completed, 303 with participants re-contacted from the SOSS-49 survey and 707 with new RDD participants. Nineteen additional interviews were completed but excluded because of technical errors. The overall completion rate among eligible households for the study was 26.0% (20.6% in the new RDD segment and 65.9% in the re-contact segment).<sup>1</sup>

Of those completing the interview, the mean number of calls required was 3.6 (3.4 among the re-contact cases and 3.5 among the new RDD cases). Interviewers made a total of 43,498 calls to complete the 953 interviews.

The refusal rate was 30.0%.

---

<sup>1</sup> 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-50 was 23.2%, the refusal rate (REF2) was 35.9%, the cooperation rate was 39.3%, and the contact rate was 91.2%.

## 9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

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

## **10. DATA FORMAT AND ARCHIVING**

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

## **11. APPENDIX**

## Demographic Data in MSU State of the State Survey: MSU Extension Regions

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

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

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

**Source: Census of Population and Housing, 1980 and 1990. Table by staff of Michigan Databases**

**12. QUESTIONNAIRE (Spring, 2008)**

>CONSENT< [loc 0/550]

Before we begin, let me tell you that this interview is completely voluntary. You may end your participation at any time. Information collected for this study will be kept confidential to the extent allowed by local, state and federal law, and no reference will be made in any oral or written report that would link you individually to the study.

Should we come to any question that makes you feel too uncomfortable or you do not want to answer, just let me know and we can go on to the next question. While there is no direct benefit to you personally for participating in this research, results from this research may produce benefits to the people of the State of Michigan.

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

[yellow] READ AS NECESSARY:[n]

(If you have any questions about this research, please contact the project manager, Karen Clark at the Office for Survey Research at Michigan State University at 517.353.1764 or by email at clarkk@msu.edu. If you have any questions or concerns about your role and rights as a research participant, or would like to register a complaint about this study, you may contact, anonymously if you wish, the Michigan State University Human Research Protection Program, at 517-355-2180, Fax 517-432-4503, or e-mail irb@msu.edu or regular mail at 202 Olds Hall, MSU, East Lansing, MI 48824).

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

[@]<1>

>roads< [allow 4] [copy roads in roads]  
>roadst< [allow 4] [copy roadst in roadst]  
>roadsp< [allow 4] [copy roadsp in roadsp]

>trant1< [allow 4] [copy trant1 in trant1]  
>trant1st< [allow 4] [copy trant1st in trant1st]  
>trant1sp< [allow 4] [copy trant1sp in trant1sp]

>trant2< [allow 4] [copy trant2 in trant2]  
>trant2st< [allow 4] [copy trant2st in trant2st]  
>trant2sp< [allow 4] [copy trant2sp in trant2sp]

>mil< [allow 4] [copy mil in mil]  
>milst< [allow 4] [copy milst in milst]  
>milsp< [allow 4] [copy milsp in milsp]

>farm< [allow 4] [copy farm in farm]  
>farmst< [allow 4] [copy farmst in farmst]  
>farmsp< [allow 4] [copy farmsp in farmsp]

>msue< [allow 4] [copy msue in msue]  
>msuest< [allow 4] [copy msuest in msuest]  
>msuesp< [allow 4] [copy msuesp in msuesp]

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

6 southeast  
7 Detroit

>newreg5< [allow 1]

>random1< [allow 1][#inputloc 1/122] 1-3 [copy random1 in random1]

>random2< [allow 1][#inputloc 1/124] 1-4 [copy random2 in random2]

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

>CC1<

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

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

BETTER OFF.....1  
ABOUT THE SAME (R PROVIDED).....2  
WORSE OFF.....3 @

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

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

>CC2<

Now looking ahead, do you think that [bold]a year from now[n], you (and your family living there) will be [bold]better off[n] financially or [bold]worse off[n] financially?

BETTER OFF.....1  
ABOUT THE SAME (R PROVIDED).....3  
WORSE OFF.....5 @

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

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

>CC3<

How would you rate your household's overall financial situation these days?

Would you say it is excellent, good, just fair, not so good, or poor?

EXCELLENT.....1  
GOOD.....2  
JUST FAIR.....3  
NOT SO GOOD.....4  
POOR.....5 @

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

[@]<1> EXCELLENT <2> GOOD <3> JUST FAIR <4> NOT SO GOOD <5> POOR  
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>CC4<

During the [bold]next twelve months[n], do you think the rate of inflation in this country will go up, will go down, or will stay about the same as it was in the [bold]past 12 months[n]?

GO UP.....1 @  
GO DOWN .....3

STAY ABOUT THE SAME.....5

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

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

>CC5<

[bold]Twelve months from now[n], do you expect the unemployment situation in this country to be [bold]better than[n], worse than, or [bold]about the same[n] as it was in the last 12 months?

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

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

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

>CC6<

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

GOOD TIMES.....1 @  
BAD TIMES.....3  
NEITHER GOOD NOR BAD; MEDIOCRE  
STAY THE SAME(R PROVIDED).....5

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

[@]<1> GOOD TIMES <3> BAD TIMES <5> NEITHER  
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>PO1<

The next few questions are about our elected officials.

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

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

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

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

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

>PO2<

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

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

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

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

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

>SEC4<

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

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

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

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

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

>drink< [define <f><1>][define <o><2>]

Recently, a number of university presidents across the U.S. proposed lowering the legal drinking age from 21 to 18 years of age. There are a number of reasons people have given for and against doing this.

[if random2 eq <1>]

Some argue [bold]against[n] lowering the drinking age to 18 because they think that 18-20 year olds aren't mature enough, experienced enough, or it would increase the number of drunk drivers on the road and make it easier for other younger high school students to get access to alcohol.

Others argue [bold]for[n] lowering the drinking age to 18 because they think that if 18 year olds are old enough to vote, to serve in the military, or to drive, they should be old enough to drink. Also, since surveys indicate that most 18-20 year olds already drink, the increase in the number of drinkers would be relatively small.

If it were up to you, would you favor or oppose lowering the legal drinking age from 21 to 18 years of age?

FAVOR.. .....f  
OPPOSE.....o

[endif]

[if random2 eq <2>]

Some argue [bold]for[n] lowering the drinking age to 18 because they think that if 18 year olds are old enough to vote, to serve in the military, or to drive, they should be old enough to drink. Also, since surveys indicate that most 18-20 year olds already drink, the increase in the number of drinkers would be relatively small.

Others argue [bold]against[n] lowering the drinking age to 18 because they think 18-20 year olds aren't mature enough, experienced enough, or that it

would increase the number of drunk drivers on the road and make it easier for other younger high school students to get access to alcohol.

If it were up to you, would you oppose or favor lowering the legal drinking age from 21 to 18 years of age?

OPPOSE.....o  
FAVOR.....f

[endif]

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

[@] <f> FAVOR [goto drink1] <o> OPPOSE [goto drink2]  
<8> DO NOT KNOW[goto roads1] <9> REFUSED[goto roads1]

>drink1<

What is the [bold]main reason[n] you would [bold]favor[n] lowering the drinking age?

ALREADY DRINKING/DECRIMINALIZE IT (MAKE IT LEGAL)...1 @  
VOTE/GO TO WAR/ETC SHOULD BE ABLE TO DRINK.....2  
REDUCE DRINKING/HARMFUL DRINKING/BINGE DRINKING.....3  
GENERATION MORE RESPONSIBLE/TEACH RESPONSIBLE  
DRINKING EARLIER AGE.....4  
MISCELLANEOUS: OTHER.....90

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

[@] 0 REASON: FAVOR [#specify] <1> ALREADY DRINKING/DECRIMINALIZED IT  
<2> VOTE/GO TO WAR/DRIVE, ETC - SHOULD BE ABLE TO DRINK <3> REDUCE HARMFUL DRINKING  
<4> GENERATION MORE RESPONSIBLE/TEACH RESPONSIBLE DRINKING EARLIER  
<90> MISCELLANEOUS  
<98> DO NOT KNOW [missing] <99> REFUSED [missing]  
[default goto roads1]

>drink2<

What is the [bold]main reason[n] you would [bold]oppose[n] lowering the drinking age?

NOT MATURE ENOUGH TO HANDLE ALCOHOL.....1 @  
(i.e lack judgement, experience, common sense)  
CAUSE MORE ACCIDENTS/DEATHS.....2  
(i.e drunk drivers, etc)  
ABUSE ALCOHOL (i.e. BINGE DRINKING, ETC).....3  
EASIER FOR YOUNGER PEOPLE/HIGH SCHOOL STUDENTS  
TO GET ALCHOL.....4  
NEGATIVE EFFECTS OF ALCOHOL ON HEATH/SOCIETY...5  
(i.e alcoholism, disease)  
ALREADY AT 18 ONCE, DID NOT WORK.....6  
MISCELLANEOUS: OTHER.....0

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

[@] 0 <1> NOT MATURE ENOUGH TO HANDLE ALCOHOL <2> CAUSE MORE ACCIDENTS/DEATHS

<3> ABUSE ALCOHOL <4> EASIER FOR YOUNGER PEOPLE GET ALCOHOL/HIGH SCHOOL STUDENTS  
<5> NEGATIVE EFFECTS OF ALCOHOL ON SOCIETY <6> ALREADY AT 18 ONCE DID NOT WORK  
<90> MISCELLANEOUS: OTHER  
[#specify]  
<98> DO NOT KNOW [missing] <99> REFUSED [missing]

>drink3<

Would you favor or oppose lowering the legal drinking age to 19 instead of 18?

FAVOR.....1 @  
OPPOSE.....2  
  
DO NOT KNOW...8  
REFUSED .....9

[@]<1> FAVOR <2> OPPOSE  
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

[default goto roads1]

>roads1< [settime roadst][undefine <f>][undefine <o>]

Next, I have some questions about Michigan roads.

Overall, how would you rate the condition of Michigan's roads?

Would you say excellent, good, fair or poor?

EXCELLENT.....1 @  
GOOD.....2  
FAIR.....3  
POOR.....4  
  
DO NOT KNOW...8  
REFUSED .....9

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

>roads2<

Some technical studies have evaluated Ohio roads as being smoother than Michigan roads. The largest source of road funds in Michigan comes from a 19 cent per gallon state tax on gasoline.

If Michigan were to try to bring its roads up to the same smoothness standards as Ohio, how much more beyond the current 19 cents per gallon tax would you be willing to pay to do this?

NONE, WOULD NOT PAY ANY MORE TAX.....0 @  
.01 - .99 CENTS.....01 - 99  
  
DO NOT KNOW.....998  
REFUSED .....999

[@] <0> NONE, WOULD NOT PAY ANY MORE IN TAX <01-99> CENT INCREASE  
<998> DO NOT KNOW[missing] <999> REFUSED [missing]

>undef<

>roads3< [define <g><1>][define <r><2>][define <t><3>]

Next, I'm going to read you [bold]three methods[n] other states use to raise money for road repairs. Each method raises about the same amount of money.

Which of the following do you think would be the [bold]best[n] way for Michigan to raise additional money for road repairs?

[if random1 eq <1>]

Raising the gasoline tax from 19 to 21 cents per gallon, raising vehicle registration fees by 10%, or charging a toll averaging a half cent per mile to drive on Michigan freeways?

RAISING GASOLINE TAX 19 TO 21 CENTS.....g  
RAISING VEHICLE REGISTRATION FEES.....r  
CHARGING A TOLL ON MI EXPRESSWAYS.....t

[endif]

[if random1 eq <2>]

Raising vehicle registration fees by 10%, charging a toll averaging a half cent per mile to drive on Michigan freeways, or raising the gasoline tax from 19 to 21 cents per gallon?

RAISING VEHICLE REGISTRATION FEES.....r  
CHARGING A TOLL ON MI EXPRESSWAYS.....t  
RAISING GASOLINE TAX 19 TO 21 CENTS.....g

[endif]

[if random1 ge <3>]

Charging a toll averaging a half cent per mile to drive on Michigan freeways, raising the gasoline tax from 19 to 21 cents per gallon, or raising vehicle registration fees by 10%?

CHARGING A TOLL ON MI EXPRESSWAYS.....t  
RAISING GASOLINE TAX 19 TO 21 CENTS.....g  
RAISING VEHICLE REGISTRATION FEES.....r

[endif]

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

[@] <g> RAISING GASOLINE TAX 19-21 CENTS  
<r> RAISING VEHICLE REGISTRATION FEES  
<t> CHARGING A TOLL ON MI EXPRESSWAYS  
<8> DO NOT KNOW[missing][goto best] <9> REFUSED [missing][goto best]

>roads4<

[if roads3 eq <1>]

Of the two remaining methods, which one do think is the [bold]next best[n] way to raise additional money for road repairs?

Raising vehicle registration fees by 10% or charging a toll averaging a half cent per mile to drive on Michigan expressways?

RAISING VEHICLE REGISTRATION FEES.....r  
CHARGING A TOLL ON MI EXPRESSWAYS.....t

[endif]

[if roads3 eq <2>]

Of the two remaining methods, which one do think is the [bold]next best[n] way to raise additional money for road repairs?

Raising the gasoline tax from 19 to 21 cents per gallon or charging a toll averaging a half cent per mile to drive on Michigan expressways?

RAISING GASOLINE TAX 19 TO 21 CENTS.....g  
CHARGING A TOLL ON MI EXPRESSWAYS.....t

[endif]

[if roads3 eq <3>]

Of the two remaining methods, which one do think is the [bold]next best[n] way to raise additional money for road repairs?

Raising the gasoline tax from 19 to 21 cents per gallon or raising vehicle registration fees by 10%?

RAISING GASOLINE TAX 19 TO 21 CENTS.....g  
RAISING VEHICLE REGISTRATION FEES.....r

[endif]

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

[@] <g> RAISING GASOLINE TAX 19-21 CENTS  
<r> RAISING VEHICLE REGISTRATION FEES  
<t> CHARGING A TOLL ON MI EXPRESSWAYS  
<8> DO NOT KNOW[missing][goto best] <9> REFUSED [missing][goto best]

>best< [allow 1]  
>2ndbest< [allow 1]  
>3rdbest< [allow 1]

>trans11< [undefine <g>][undefine <r>][undefine <t>][settime roadsp][settime trant1st]

Next, I have some questions about public transportation.

Public transportation is generally funded through a combination of fares paid by users and tax dollars from the government.

What percentage of funding for public transportation do you think should come from [bold]tax dollars[n]?

PERCENTAGE FUNDING FROM TAX DOLLARS.....0 - 100 @

DO NOT KNOW.....998  
REFUSED .....999

[@] <0-100> PERCENT FUNDING FROM TAX DOLLARS  
<998> DO NOT KNOW[missing] <999> REFUSED

>trans12< [define <h><1>][define <p><2>][define <r><3>]

I'm going to read you three different ways that the state could spend money set aside for transportation. Please tell me which [bold]one[n] should be the [bold]state's top priority[n].

[if random1 eq <3>]

Expanding the current highway system, improving public transportation within metropolitan areas, or establishing a high speed rail system between metropolitan areas?

EXPANDING THE CURRENT HIGHWAY SYSTEM.....h  
IMPROVING PUBLIC TRANSPORTATION .....p  
ESTABLISHING HIGH SPEED RAIL SYSTEMS.....r

[endif]

[if random1 eq <2>]

Improving public transportation within metropolitan areas, establishing a high speed rail system between metropolitan areas, or expanding the current highway system?

IMPROVING PUBLIC TRANSPORTATION .....p  
ESTABLISHING HIGH SPEED RAIL SYSTEMS.....r  
EXPANDING THE CURRENT HIGHWAY SYSTEM.....h

[endif]

[if random1 eq <1>]

Establishing a high speed rail system between metropolitan areas, expanding the current highway system, or improving public transportation within metropolitan areas?

ESTABLISHING HIGH SPEED RAIL SYSTEMS.....r  
EXPANDING THE CURRENT HIGHWAY SYSTEM.....h  
IMPROVING PUBLIC TRANSPORTATION .....p

[endif]

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

[@] <h> EXPANDING THE CURRENT HIGHWAY SYSTEM <p> EXPANDING THE CURRENT BUS SYSTEMS  
<r> ESTABLISHING HIGH SPEED RAIL SYSTEMS  
<8> DO NOT KNOW[missing][goto prior1] <9> REFUSED[missing][goto prior1]

>trans13<

What should be the state's [bold]second[n] priority?

[if trans12 eq <1>]  
Improving public transportation within metropolitan areas or  
establishing a high speed rail system between metropolitan areas?

IMPROVING PUBLIC TRANSPORTATION .....p  
ESTABLISHING HIGH SPEED RAIL SYSTEMS.....r

[endif]

[if trans12 eq <2>]  
Expanding the current highway system or establishing a high speed rail  
system between metropolitan areas?

EXPANDING THE CURRENT HIGHWAY SYSTEM.....h  
ESTABLISHING HIGH SPEED RAIL SYSTEMS.....r

[endif]

[if trans12 eq <3>]  
Expanding the current highway system or improving public transportation  
within metropolitan areas?

EXPANDING THE CURRENT HIGHWAY SYSTEM.....h  
IMPROVING PUBLIC TRANSPORTATION .....p

[endif]

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

[@] <h> EXPANDING THE CURRENT HIGHWAY SYSTEM <p> EXPANDING THE CURRENT BUS SYSTEMS  
<r> ESTABLISHING HIGH SPEED RAIL SYSTEMS  
<8> DO NOT KNOW[missing][goto prior1] <9> REFUSED[missing][goto prior1]

>prior1< [allow 1]

>prior2< [allow 1]

>prior3< [allow 1]

>trans15< [undefine <h>][undefine <p>][undefine <r>]

Next, please tell me to what extent you agree or disagree with each of the  
following statements about transportation.

It is better for Michigan's economy to improve public transportation than  
to lower taxes.

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

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

STRONGLY DISAGREE.....5

DO NOT KNOW....8

REFUSED.....9

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

>trans16<

Life on earth will continue without major disruptions only if we take immediate and drastic action to reduce global climate change.

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

STRONGLY AGREE.....1 @

SOMEWHAT AGREE.....2

NEITHER AGREE/DISAGREE.....3

SOMEWHAT DISAGREE.....4

STRONGLY DISAGREE.....5

DO NOT KNOW....8

REFUSED.....9

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

>trans17<

Which of the following have you done in the past year to reduce your use of energy?

Combined running errands thus eliminating trips around town?

YES.....1 @

NO .....5

DO NOT KNOW...8

REFUSED.....9

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

>trans18<

Switched some of your light bulbs to fluorescent light bulbs?

YES.....1 @

NO .....5

DO NOT KNOW...8

REFUSED.....9

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

>skip< [if regn le <2>][goto mill][endif]

[if cnty eq <26101> or cnty eq <26105> or cnty eq <26085> or cnty eq <26133>][goto mill][endif]

[if cnty eq <26107> or cnty eq <26035> or cnty eq <26073> or cnty eq <26051>][goto mill][endif]

[if cnty eq <26111> or cnty eq <26011> or cnty eq <26017> or cnty eq <26157>][goto mill][endif]

[if cnty eq <26151> or cnty eq <26063>][goto mill][endif]

>trans22<

There has been some discussion of expanding existing and/or creating a new commuter rail service between a few metropolitan areas in Michigan.

If there was a commuter rail service available between a few metropolitan cities would you use this service?

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

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

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

>trans23< [loc 19/1]

Between what two cities would you [bold]most likely[n] use a commuter rail line?

[r]IWER: ENTER THE NAME OF THE CITIES VERBATIM, DO NOT ADD ////[n]

FIRST CITY @a

SECOND CITY @b

[@a][allow 25]  
[@b][allow 25]

>trans24<

Realistically, about how many times per month you would be likely to use a new or improved commuter rail service between the cities you just mentioned?

TIMES PER MONTH .....0 - 31 @

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

[@] <0-31> TIMES PER MONTH  
<98> DO NOT KNOW[missing] <99> REFUSED[missing]

>mil1< [settime trant1sp][settime milst]

The next set of questions focus on the members of Michigan's national guard who are currently serving and those who have returned from service in Afghanistan and Iraq.

Thinking about the men and women who have been deployed, what percentage do you think are [bold]married[n]?

[yellow]IWER: PROBE DON'T KNOW, WITH' "Your best estimate is fine." [n]

PERCENTAGE MARRIED.....0 - 100 @

DO NOT KNOW....998  
REFUSED.....999

[@] <0-100> PERCENTAGE MARRIED  
<998> DO NOT KNOW[missing] <999> REFUSED[missing]

>mil2<

What percentage do you think are [bold]parents[n]?

[yellow]IWER: PROBE DON'T KNOW, WITH' "Your best estimate is fine." [n]

PERCENTAGE PARENTS.....0 - 100 @

DO NOT KNOW.....998

REFUSED.....999

[@] <0-100> PERCENTAGE PARENTS

<998> DO NOT KNOW[missing] <999> REFUSED[missing]

>mil3<

What percentage do you think are [bold]college graduates?[n]

[yellow]IWER: PROBE DON'T KNOW, WITH' "Your best estimate is fine." [n]

PERCENTAGE COLLEGE GRADS.....0 - 100 @

DO NOT KNOW.....998

REFUSED.....999

[@] <0-100> PERCENTAGE COLLEGE GRADUATES

<998> DO NOT KNOW[missing] <999> REFUSED[missing]

>mil4<

What do you think is their average age?

[yellow]IWER: PROBE DON'T KNOW, WITH' "Your best estimate is fine." [n]

AVERAGE AGE.....18-65 @

DO NOT KNOW.....98

REFUSED.....99

[@] <18-65> AVERAGE AGE

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

>mil5<

What do you think is the average length of deployment [bold]in months[n]?

[yellow]IWER: PROBE DON'T KNOW, WITH' "Your best estimate is fine." [n]

AVERAGE DEPLOYMENT.....0-48 @

DO NOT KNOW.....98

REFUSED.....99

[@] <0-48> MONTHS

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

>mil6<

Do you know any member of the Michigan National Guard who has been deployed to a combat zone (such as Iraq or Afghanistan) since January of 2001?

YES.....1 @

NO.....5

DO NOT KNOW...8

REFUSED .....9

[@] <1> YES <5> NO[goto mil7]  
<8> DO NOT KNOW[missing][goto mil7] <9> REFUSED[missing][goto mil7]

>mil6a<

Is this person a member of your immediate family, a close friend,  
a co-worker, or a neighbor or an acquaintance?

- MEMBER IMMEDIATE FAMILY.....1 @
- A CLOSE FRIEND.....2
- A CO-WORKER.....3
- NEIGHBOR OR AN AQUAINTANCE.....4  
(associate, friend of friend, etc)
- COMBINATION.....5
- EXTENDED FAMILY (cousins, uncles, etc.6
  
- MISCELLANEOUS: OTHER....7
- DO NOT KNOW.....8
- REFUSED .....9

[@] <1> MEMBER IMMEDIATE FAMILY <2> A CLOSE FRIEND <3> A CO-WORKER  
<4> NEIGHBOR OR AN AQUAINTANCE <5> COMBINATION 0 OTHER: SPECIFY  
[#specify] <7> MISCELLANEOUS1 OTHER <6> EXTENDED FAMILY  
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>mil7<

The next couple of questions are about parents who are also members of the  
Michigan National Guard.

In your opinion, should [bold]both[n] parents be deployed at the same time?

- YES.....1 @
- NO .....5
  
- DO NOT KNOW...8
- REFUSED.....9

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

>mil8<

Should [bold]single parents[n] be deployed?

- YES.....1 @
- NO .....5
  
- DO NOT KNOW...8
- REFUSED.....9

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

>mil9<

Who should be primarily responsible for providing social and emotional  
support to the children of deployed parents?

Should it be other family members, schools, the community, or the military.

- OTHER FAMILY MEMBERS.....1 @
- SCHOOL.....2
- COMMUNITY.....3
- MILITARY.....4

COMBINATION.....5

CHURCHES/SOCIAL SERVICE AGENCIES,  
ETC.....6

MISCELLANEOUS: OTHER....7

DO NOT KNOW.....8

REFUSED .....9

[@] <1> OTHER FAMILY MEMBERS <2> SCHOOL <3> COMMUNITY <4> MILITARY  
<5> COMBINATION 0 OTHER: SPECIFY[#specify] <6> CHURCHES/SOCIAL SERVICE AGENCIES  
<7> MISCELLANEOUS: OTHER  
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mil10<

Which of the following do you think is needed most by national guard members returning home from combat in Iraq or Afghanistan?

Is it emotional support, medical care, financial support, or employment assistance?

EMOTIONAL SUPPORT.....1 @

MEDICAL CARE.....2

FINANCIAL SUPPORT.....3

EMPLOYMENT ASSISTANCE.....4

DO NOT KNOW.....8

REFUSED.....9

[@] <1> EMOTIONAL SUPPORT <2> MEDICAL CARE <3> FINANCIAL SUPPORT  
<4> EMPLOYMENT ASSISTANCE  
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>mil11<

Who do you think is [bold]primarily[n] responsible for helping national guard members successfully return home to their families, jobs, and communities?

Would you say the federal government, the state government, the communities where they live, or their families?

FEDERAL GOVERNMENT.....1 @

STATE GOVERNMENT.....2

THE COMMUNITY .....3

FAMILIES.....4

(i.e. individual)

NATIONAL GUARD.....6

COMBINATION.....5

MISCELLANEOUS.....7

DO NOT KNOW.....8

REFUSED.....9

[@] <1> FEDERAL GOVERNMENT <2> STATE GOVERNMENT <3> THE COMMUNITY <4> FAMILIES/INDIVIDUAL  
<5> NATIONAL GUARD UNIT <7> MISCELLANEOUS: OTHER  
<6> COMBINATION 0 OTHER: SPECIFY[#specify]  
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mil12<

Next, I have some questions about Michigan National Guard members who are injured while serving in a combat zone.

When a member of the Michigan National Guard suffers a [bold]physical[n] injury, such as amputation, a severe burn, or head trauma while serving in a combat zone, who should be responsible for providing the care

they need to recover?

- FEDERAL GOVERNMENT.....1 @
- STATE GOVERNMENT.....2
- THE COMMUNITY .....3
- FAMILIES.....4  
(i.e. individual)
- NATIONAL GUARD.....6
- COMBINATION.....5
- MISCELLANEOUS.....7
- DO NOT KNOW.....8
- REFUSED.....9

[@] <1> FEDERAL GOVERNMENT <2> STATE GOVERNMENT <3> THE COMMUNITY <4> FAMILIES/INDIVIDUAL  
 <6> NATIONAL GUARD UNIT <7> MISCELLANEOUS: OTHER  
 <5> COMBINATION 0 OTHER: SPECIFY[#specify]  
 <8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mil14<

If a national guard member sustains a [bold]physical[n] injury in the line of duty, should tax dollars . .

Pay for all medical and rehabilitative services?

- YES.....1 @
- NO .....5
- DO NOT KNOW...8
- REFUSED.....9

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

>mil15<

(If a national guard member sustains a [bold]physical[n] injury in the line of duty, should tax dollars . .)

Provide financial support that is equal to his or her previous wages?

- YES.....1 @
- NO .....5
- DO NOT KNOW...8
- REFUSED.....9

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

>mil13<

When a member of the Michigan National Guard suffers from an [bold]emotional injury[n], such as depression, post-traumatic stress syndrome, or substance abuse, caused by their deployment, who should be responsible for providing the care they need to recover?

- FEDERAL GOVERNMENT.....1 @
- STATE GOVERNMENT.....2
- THE COMMUNITY .....3
- FAMILIES.....4  
(i.e. individual)
- NATIONAL GUARD.....6
- COMBINATION.....5
- MISCELLANEOUS.....7

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

[@] <1> FEDERAL GOVERNMENT <2> STATE GOVERNMENT <3> THE COMMUNITY <4> FAMILIES/INDIVIDUAL  
<6> NATIONAL GUARD UNIT <7> MISCELLANEOUS: OTHER  
<5> COMBINATION 0 OTHER: SPECIFY[#specify]  
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>mil16<

If a national guard member sustains an [bold]emotional[n] injury  
as a result of their deployment to a combat zone, should tax  
dollars . .

Pay for all medical and rehabilitative services?

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

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

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

>mil17<

(If a national guard member sustains an [bold]emotional[n] injury  
as a result of their deployment to a combat zone, should tax  
dollars . .)

Provide financial support that is equal to his or her previous wages?

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

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

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

>mil18<

Would you support or oppose a state tax increase if the revenue generated  
would be used specifically to provide resources and support for returning  
national guard men and women and their families?

SUPPORT.....1 @  
OPPOSE.....5

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

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

>FM1< [loc 20/1][settime milsp][settime farmst][if adult eq <1> goto FM2]

Next, I have some questions about your food purchases.

How often do you do the [bold]food shopping[n] for your household?

Would you say always, sometimes, rarely or never?

ALWAYS.....1 @  
SOMETIMES.....2  
RARELY.....3

NEVER.....4

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

[@] <1> ALWAYS <2> SOMETIMES <3> RARELY  
<4> NEVER[goto L1a] <8> DO NOT KNOW [missing] <9>REFUSED [missing][goto L1a]

>FM2<

[if adult eq <1>]  
Next, I have some questions about your food purchases.  
[endif]

A farmer's market is a place where a group of farmers come together,  
usually once a week, to sell their farm products.

In the last year, have you shopped at a farmer's market?

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

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

[@]<1>YES <5>NO[goto FM5a] <8>DO NOT KNOW [missing] [goto FM5a]  
<9> REFUSED[missing] [goto FM5a]

>FM3<

Thinking back to the beginning of September, about how many times did  
you shop at a farmer's market?

TIMES SHOPPED.....0-15 @  
16 OR MORE TIMES.....16

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

[@]<0>[goto FM5a] <1-15> TIMES SHOPPED <16> 16 OR MORE TIMES SHOPPED  
<98>DO NOT KNOW[missing] <99> REFUSED[missing]

>FM4<

Thinking about your last trip to a farmer's market in September, about how  
much did you spend?

DOLLARS SPENT.....0-500 @  
\$501 OR MORE.....501

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

[@] <0-60000> [input format enter right < . >]  
<d><99998> DO NOT KNOW[missing] <r><99999> REFUSED[missing]

>FM5a<

We are interested in learning the reasons why people shop or do not shop at  
farmer's markets.

How important are each of the following in your decision whether or not to  
shop at a farmer's market?

Getting good value for your money?

(Would you say very important, somewhat important, not very important or  
not important at all in deciding whether or not to shop at a farmer's

market?)

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]

>FM5b<

In your decision whether or not to shop at a farmer's market,  
how important is it . . .

that you get [bold]top quality[n] products?

(Would you say very important, somewhat important, not very important or  
not important at all in deciding whether or not to shop at a farmer's  
market?)

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]

>FM5c<

In your decision whether or not to shop at a farmer's market,  
how important is it . . .

that there is a [bold]large variety[n] of products available?

(Would you say very important, somewhat important, not very important or  
not important at all in deciding whether or not to shop at a farmer's  
market?)

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]

>FM5d<

(In your decision whether or not to shop at a farmer's market, how  
important is it . . .)

that the [bold]location[n] is convenient?

(Would you say very important, somewhat important, not very important or  
not important at all in deciding whether or not to shop at a farmer's

market?)

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]

>FM5e<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that the [bold]hours[n] of operation are convenient?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5f<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that you have the ability to do all your shopping at one location?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5g<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that the products being sold support local farms?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5h<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that you can get information from the vendor about where or how the food was grown?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5i<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that there is a welcoming atmosphere?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5j<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that there is a large variety of antibiotic or hormone free products?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5k<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that there is a large variety of [bold]organic or pesticide free[n] products?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM5l<

(In your decision whether or not to shop at a farmer's market, how important is it . . .)

that the food is handled in a manner that minimizes the chances of food borne disease?

(Would you say very important, somewhat important, not very important or not important at all in deciding whether or not to shop at a farmer's market?)

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]

>FM6a< [if FM2 eq <1>][goto FM7a][endif]

To what extent do you agree or disagree with each of the following statements about shopping for food.

I feel loyal to the places where I shop for food.

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

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

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

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

>FM6b<

I would feel comfortable shopping at a farmer's market.

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

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

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

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

>FM6c<

Farmer's markets have higher quality food than the place where I  
usually shop for food.

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

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

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

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

>FM6d<

I feel like I would be getting my money's worth at the farmer's market.

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

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

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

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> NEITHER AGREE/DISAGREE  
<4> SOMEWHAT DISAGREE <5> STRONGLY DISAGREE

<8> DO NOT KNOW [missing] <9> REFUSED [missing]  
[default goto L1a]

>FM7a<

Thinking about the farmer's market you [bold]shop at most often[n], please tell me how strongly you agree or disagree with the following statements.

The farmer's market I shop at most often is open on convenient days and at convenient times for me.

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

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

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

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

>FM7b<

The farmer's market (I shop at most often) is easy to get to.

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

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

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

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

>FM7c<

I can use my preferred payment method at the farmer's market (I shop at most often).

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

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

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

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

>FM7d<

There are some products I normally use that are available at the farmer's market (I shop at most often), but I prefer to purchase them elsewhere.

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

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

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

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

>FM7e<

The farmer's market (I shop at most often) has adequate supplies of items I want to buy.

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

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

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

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

>L1a< [settime farmsp][settime msuest]

Next, I have a few questions about locally grown food.

People in Michigan may have different ideas about what locally grown food means. Which one of the following best describes your definition of locally grown food?

Locally grown food must be grown by a farmer the person knows, grown in the county a person lives, grown within 100 miles of a person's home, must be grown in Michigan, or grown in the Great Lakes region?

- MUST BE GROWN BY FARMER PERSON KNOWS.....1 @
- MUST BE GROWN IN THE COUNTY PERSON LIVES..2
- MUST BE GROWN WITHIN A 100 MILES OF HOME..3
- MUST BE GROWN IN MICHIGAN.....4
- MUST BE GROWN IN GREAT LAKES REGION.....5

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

[@]  
 <1> MUST BE GROWN BY FARMER PERSON KNOWS <2> MUST BE GROWN IN THE COUNTY PERSON LIVES  
 <3> MUST BE GROWN WITHIN A 100 MILES OF HOME <4> MUST BE GROWN IN MICHIGAN  
 <5> MUST BE GROWN IN GREAT LAKES REGION  
 <8> DO NOT KNOW[missing] <9> REFUSED [missing]

>L2a< [if FM1 ge <4> goto L2c]

We're interested in learning about where you get your fresh fruits and vegetables.

Thinking back to your food purchases during September 2008, how many times did you purchase fresh fruit and vegetables at . . .

a supermarket, a convenience or grocery store or food co-op?

NONE.....0 @
TIMES .....1 -25
DO NOT KNOW ...98
REFUSED .....99

[@] <0> NONE <1-25> SUPERMARKET/CONVENIENCE STORE <90> NEVER, DID NOT PURCHASE AT ALL <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>L2b<

(During September 2008), how many times did you purchase fruits and vegetables at a . . .

A farm stand or roadside stand where one farmer sells products or at a CSA?

[yellow]DEFINITION: A CSA is community supported agriculture where people buy a share of a farmer's production.[n]

NONE.....0 @
TIMES .....1 -25
DO NOT KNOW ...98
REFUSED .....99

[@] <0> NONE <1-25> FARM STANDS/CSA <90> NEVER, DID NOT PURCHASE AT ALL <98> DO NOT KNOW[missing] <99> REFUSED [missing]

>L2c<

During September 2008, did you get any of your fresh fruits and/or vegetables through your own or a friend's or relative's garden?

YES.....1 @
NO .....5
DO NOT KNOW...8
REFUSED.....9

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

>L3<

During September 2008, did you purchase or were you given any foods you think of as being locally grown?

IWER USE THIS DEFINITION: Locally grown foods can include things like fruits and vegetables, as well as, meats, eggs, beans, flour, honey, maple syrup, dairy and other products.

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

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

>L5a<

I'm going to read you some statements about locally grown food. For each, please tell me to what extent you agree or disagree with with each statement.

Locally grown food costs too much.

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

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

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

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

>L5b<

Locally grown foods are available at the places I like to shop.

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

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

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

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

>L5c<

It doesn't matter to me if my food is locally grown.

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

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

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

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

>L5d<

I would buy more locally grown foods if they were easier to identify at the store.

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

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

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

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

>L5e<

I don't have the time to shop for locally grown foods.

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

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

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

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

>L6e<

I cannot find the kinds of locally grown foods I want, when I want them.

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

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

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

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

>L6f<

There are some kinds of locally grown foods I don't use because I don't know how to prepare or cook them.

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

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

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

>CD1< [settime msuesp]

Finally, I have a few background questions.

MAKE SURE YOU RECORD THIS CORRECTLY: IF YOU ARE UNSURE ASK.

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

[@]<1> MALE <5> FEMALE

>CD2<

In what year were you born?

YEAR BORN.....19\_\_ @

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

[@] <00-90> YEAR OF BIRTH <98> DO NOT KNOW[missing]  
<99> REFUSED [missing]

>CD3<

What is the highest level of education you have completed?

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

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

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

>CD5a<

Are you of Hispanic, Latino, or Spanish origin?

YES-HISPANIC/LATINO/SPANISH ORIGIN.....1  
NO-[bold]NOT[n] HISPANIC/LATINO/SPANISH ORIGIN.....5 @

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

[@] <1> YES, HISPANIC <5> NO, NOT HISPANIC <8,9>[missing]

>CD4a< [define <y><1>][define <n><5>][default answer <n> all][define <d><8>]  
[define <r><9>]

What is your race?

y/n/d/r

White?.....@a  
African American or Black?.....@b

Hawaiian or other Pacific Islander?....@c  
Asian?..... @d  
American Indian or Alaska Native?.....@e  
Other: specify.....@f

[@a]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]  
[@b]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]  
[@c]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]  
[@d]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]  
[@e]<y>YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]  
[@f]<y>[#specify]YES <n> NO <d> DO NOT KNOW[missing] <r> REFUSED [missing]

>CD6<

What is the religious group which you feel most closely represents your religious views?

(Is it Catholic, Islamic, Jewish, Protestant, some other religion, or no religion)?

NONE; NO RELIGIOUS GROUP.....0 @  
CATHOLIC; ROMAN CATHOLIC, ORTHODOX.....1  
ISLAMIC/MUSLIM.....2  
JEWISH.....3  
PROTESTANT.....4  
(Baptist, Methodist, Christian reformed, Lutheran, Presbyterian  
Wesleyan, Episcopalian, "Christian"  
OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5  
(Taoists, witches, etc)  
OTHER CHRISTIAN.....7  
(Mormon, LDS, 7th Day Adventist, Jehovah Witness)  
OTHER: UNABLE TO CLASSIFY.....90  
DON'T KNOW.....98  
REFUSED.....99

[@]<0> NONE <1> CATHOLIC <2> ISLAMIC/MUSLIM <3> JEWISH <4> PROTESTANT  
<5> OTHER NON CHRISTIAN <7> OTHER CHRISTIAN 6 [#specify] <90> OTHER: UNABLE TO  
CLASSIFY  
<8> UNABLE TO CLASSIFY <98> DO NOT KNOW [missing] <99>  
REFUSED[missing]

>CD7<

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

REPUBLICAN.....1  
INDEPENDENT.....4  
DEMOCRAT.....7  
  
ANOTHER PARTY, THIRD PARTY, ETC....0 @a  
  
DO NOT KNOW.....8  
REFUSED.....9

[if CD7@a eq <1>]

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

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

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

[endif]

[if CD7@a eq <7>]

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

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

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

[endif]  
 [if CD7@a eq <4>]

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

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

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

[endif]

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

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

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

CONSERVATIVE.....1  
 MODERATE.....4  
 LIBERAL.....7 @a  
 OTHER.....0

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

[if P17@a eq <1>]

Would you consider yourself very conservative or somewhat conservative?

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

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

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

Would you consider yourself very liberal or somewhat liberal?

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

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

[if P17@a eq <4>]

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

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

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

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

>CD8<

What is your marital status?

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

MARRIED, REMARRIED.....1  
DIVORCED.....2  
SEPARATED.....3  
WIDOWED.....4  
MEMBER OF AN UNMARRIED COUPLE..... 5  
SINGLE, NEVER BEEN MARRIED.....6  
OTHER ..... 0 @

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

[@]<1> MARRIED <2> DIVORCED <3> SEPARATED <4> WIDOWED <5> MEMBER UNMARRIED COUPLE <6> SINGLE NEVER BEEN MARRIED 0 [#specify] <8> DO NOT KNOW[missing] <9> REFUSED[missing]

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

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

ADULTS.....1-10 @

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

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

>CD11<

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

CHILDREN.....0-7 @

DO NOT KNOW.....8

REFUSED.....9

[@]<0> NO CHILDREN <1-7> CHILDREN

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

>CD15<

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

WORK FULL TIME, SELF EMPLOYED FULL TIME.....1 @

WORK PART TIME, SELF EMPLOYED PART TIME.....2

WORK AND GO TO SCHOOL.....3

IN THE ARMED FORCES.....4

HAVE A JOB, BUT NOT AT WORK LAST WEEK.....5

UNEMPLOYED, LAID OFF, LOOK FOR WORK.....6

RETIRED.....7

SCHOOL FULL TIME.....8

HOMEMAKER.....9

DISABLED.....10

SOMETHING ELSE (SPECIFY).....0

DON'T KNOW.....98

REFUSED.....99

[@] 0 [#specify] <1> WORK FULL TIME <2> WORK PART TIME <3> WORK AND GO TO SCHOOL

<4> IN THE ARMED FORCES[goto UN2] <5> JOB, DID NOT WORK LAST WEEK <6> UNEMPLOYED

<7> RETIRED <8> SCHOOL FULL-TIME <9> HOMEMAKER <10> DISABLED

<98> DO NOT KNOW [missing]<97> MISCELLANEOUS <99> REFUSED [missing]

>UN1< [if CD15 ge <6> goto UN2][define <d><998>][define <r><999>]

Are you [bold]currently[n] a member of a union or are you represented by a union?

YES.....1

NO.....5 @

DO NOT KNOW.....8

REFUSED.....9

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

>UN2<

Have you [bold]ever[n] been a member of a union or represented by a union?

YES.....1

NO.....5 @

DO NOT KNOW.....8

REFUSED.....9

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

>UN3< [if CD10 eq <1> goto trans1]

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

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

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

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

NOTE: ASKED ONLY OF THOSE WHO WORK FULL OR PART TIME, GO TO SCHOOL, IN THE ARMED FORCES, OR HAVE A JOB BUT DID NOT WORK LAST WEEK.

>trans1< [loc 21/1][settime trant2st][if CD15 eq <6> or CD15 eq <7> or CD15 ge <9> goto inca]

Next, I have some additional questions about transportation.

How do you [bold]usually[n] get to and from work or school each day?

Do you drive [bold]alone[n], drive or ride with others, take a bus or other form of public transportation, or do you walk or ride a bike?

DRIVE ALONE.....1 @  
DRIVE OR RIDE WITH OTHERS.....2  
BUS/OTHER PUBLIC TRANSPORTATION...3  
WALK OR RIDE A BIKE.....4  
WORK FROM HOME.....5  
OTHER: MISCELLANEOUS.....6

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

[@] <1> DRIVE ALONE <2> DRIVE OR RIDE WITH OTHERS <3> BUS OR OTHER PUBLIC TRANSPORTATION <4> WALK OF RIDE A BIKE 0 OTHER: SPECIFY[#specify] <5> WORK FROM HOME[goto inca] <6> OTHER: MISCELLANEOUS <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>trans2< [undefine <d>][undefine <r>]

Approximately how many miles do you travel [bold]one way[n] to work or school each day?

LESS THAN ONE MILE.....0 @  
1-120 MILES.....1-120

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

[@] <0> LESS THAN ONE MILE <1-120> MILES <d><998> DO NOT KNOW[missing] <r><999> REFUSED [missing]

>trans3<

Approximately how long, in minutes, does it take you to get to work or school [bold]one way[n]?

MINUTES COMMUTE.....1 - 120 @

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

[@] <1-120> MINUTES <d><998> DO NOT KNOW[missing] <r><999> REFUSED [missing]

>trans4< [if trans1 ge <3> goto trans7]

Approximately how many miles per gallon does the car you use to get back and forth to work or school get?

[yellow]IWER: PROBE DON'T KNOW ANSWERS, WITH "Your best estimate is fine"[n]

MILES PER GALLON ..... 5-40 @

DO NOT KNOW.....98

REFUSED.....99

[@] <5-40> MILES PER GALLON

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

>trans5<

Approximately how much do you spend to park at work or school?

[yellow]IWER: ENTER THE AMOUNT HERE, DO NOT ENTER A DECIMAL POINT[n]

NOTHING: PARKING IS FREE..0

AMOUNT.....01 - 120.00 @a

[yellow]IWER: ENTER THE UNIT HERE[n]

PER DAY.....1 @b

PER WEEK.....2

PER MONTH.....3

PER YEAR.....4

[@a] <0> PARKING IS FREE [goto trans7] <01-12000> [input format enter right < . >]

[@b] <1> PER DAY <2> PER WEEK <3> PER MONTH <4> PER YEAR

>trans7<

[if trans1 ne <3>]

Is a bus stop or other form of public transportation available within a ten-minute walk from your home?

[endif]

[if trans1 eq <3>]

Is the bus stop within a ten-minute walk from your home?

[endif]

YES.....1 @

NO.....5

DO NOT KNOW...8

REFUSED .....9

[@] <1> YES <5> NO

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

NOTE: ALTERNATIVE WORDING BASED ON RESPONSE TO TRANS9

>trans8< [if trans1 eq <3> goto inca]

[if trans7 eq <1>]

If you were to take the bus or other public transportation to work or school instead driving, how much would you be willing to pay for a round trip fare?

[endif]

[if trans7 ge <5>]

Suppose you could take the bus or other public transportation to work or school instead of driving, how much would you be willing to pay for a round trip fare?  
[endif]

[yellow]IWER: DO NOT ENTER A DECIMIL POINT[n]

FARE FOR PUBLIC TRANSPORTATION..... . 01 - 20.00 @

NOTHING: WOULD NOT TAKE BUS/PUBLIC TRANSIT..0

DO NOT KNOW.....d

REFUSED .....r

[@] <0> NOTHING: WOULD NOT TAKE PUBLIC TRANSIT [goto inca]<1-2000> [input format enter right  
< . >] BUS/PUBLIC FARE  
<d><9998> DO NOT KNOW[missing] <r><9999> REFUSED[missing]

>trans9<

Would you seriously consider taking public transportation to work or school if the door-to-door time was the [bold]same[n] as now?

YES.....1 @

NO .....5

DO NOT KNOW...8

REFUSED.....9

[@] <1> YES <5> NO[goto inca]

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

>trans9a<

Suppose taking public transportation took longer than your current travel time.

How much more time, in minutes, would you be willing to spend getting back and forth to work or school in order for you seriously to consider using public transportation?

TIME MINUTES.....0-120 @

DO NOT KNOW.....r

REFUSED .....d

[@] <0-120> MINUTES <d><998> DO NOT KNOW[missing] <r><999> REFUSED [missing]

>inca< [settime trant2sp]

To get a picture of people's financial situations, we'd like to know the general [bold]range of incomes[n] of all households we interview. This is for statistical analysis purposes and your answers will be kept strictly confidential.

Now, thinking about your [bold]household's[n] total annual income from all sources (including your job), did your household receive \$40,000 or more in 2007?

YES..... 1

NO.....5 @

DO NOT KNOW.....8

REFUSED.....9

[@]<1>YES [goto incd]

<5>NO [goto incb]

<8> DO NOT KNOW [missing][goto income] <9>[missing][goto income]

>incb<

Was it less than \$20,000?

YES..... 1  
NO.....5 @ (\$20,000-29,999)  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>incc<

Was it less than \$10,000?

YES..... 1 (less than \$10,000)  
NO.....5 @ (\$10,000-19,999)  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>incc<

Was it \$60,000 or more?

YES..... 1  
NO.....5 @  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>incc<

Was it \$40,000 or more?

YES..... 1  
NO.....5 @ (\$30,000-39,999)  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>incc<

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 \$100,000?

YES..... 1 (\$100,000 - \$149,999)  
NO.....5 @  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>inch<

Was it more than \$70,000?

YES..... 1  
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]  
[default goto income]

>inci<

Was it more than \$150,000?

YES..... 1  
NO.....5 @ (\$100,000 - 150,000)  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>income< [allow 1]

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

>CD26<

How many **different** phone numbers does your household have, not including cell phones?

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

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

>X1<

Would you say you live in a rural community, a small city or town,  
a suburb, or an urban community?

RURAL COMMUNITY.....1  
SMALL CITY OR TOWN, VILLAGE.....2  
A SUBURB.....3  
URBAN COMMUNITY.....4 @  
  
OTHER: .....0  
  
DO NOT KNOW.....98  
REFUSED/NO ANSWER.....99

[@] <1> RURAL COMMUNITY <2> SMALL CITY, TOWN, VILLAGE <3> A SUBURB  
<4> URBAN COMMUNITY <0> OTHER: SPECIFY [#specify]  
<98> DO NOT KNOW [missing] <99>[missing]

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

What is your zip code?

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

Zip code.....48000-49999 @  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>RI<

In a couple of months, we'd like to re-contact some of the people we've  
spoken with for another interview either in person or on the web.  
Would you be willing to participate again in a couple of months?

YES..... 1  
NO.....5 @  
  
DO NOT KNOW.....8  
REFUSED.....9

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

>RIa< [loc 22/1]

Do you have an email address so that we may contact you to do the survey  
online instead of by phone?

Your email address will be kept confidential and will only be used for  
research purposes.

YES..... 1  
NO, DO NOT WANT TO GIVE

EMAIL ADDRESS OUT .....3  
NO, HAVE NO EMAIL.....5 @

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

[@] <1> YES <5> NO[goto rname] <3>[goto rname]  
<8> DO NOT KNOW[missing][goto rname] <9> REFUSED [missing][goto rname]

>email< [if confirm eq <5>][store <> in email][store <> in confirm][endif]

What is your email address?

EMAIL: @

[@][allow 40]

>confirm<

Let me confirm your email address: [bold][fill email][n]

Is this correct?

[bold]IWER: IF IT IS NOT CORRECT YOU WILL RETURN TO THE EMAIL SCREEN  
TO RE-ENTER THE EMAIL[n]

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

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

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

>rname<

Can I get your first name so we know who to ask for when we re-contact  
you?

NAME: @

[@][allow 20]

>out<

[#subtime roadst from roadsp into roads]  
[#subtime trant1st from trant1sp into trant1]  
[#subtime trant2st from trant2sp into trant2]  
[#subtime milst from milsp into mil]  
[#subtime farmst from farmsp into farm]  
[#subtime msuest from msuesp into msue]  
[goto MOD7]

>contacts< [allow 2]

>length<[allow 4]

>idate< [allow 8]

>iwer< [allow 3]

>males< [allow 2]

>females< [allow 2]



### **13. CODEBOOK**

The codebook is based on telephone interview data set in its ASCII form. A number of additional variables that were constructed during preliminary analyses of the data set are also included in the SPSS system file. Information about these can be examined by looking at the data dictionary in SPSS. This codebook reports frequencies based on the weighted data with the weight variable STATEWT being applied.

## 14. SPSS COMMANDS

TITLE "Michigan State of the State 50".

DATA LIST fixed records=4

FILE="q:\msusos50\productn\rdd\c-inst\rdd50.dat"

```
/1      CASEID 1-5          ID1 1-5 (A)          R1 6 (A)
      cnty 7-11 (A)        regn 12          newreg5 13 (A)
      random1 14 (A)      random2 15 (A)  listed 16
      CC1 17              CC2 18          CC3 19
      CC4 20              CC5 21          CC6 22
      PO1 23              PO2 24          SEC4 25
      drink 26            drink1 27-28    drink2 29-30
      drink3 31          roads1 32      roads2 33-35
      roads3 36          roads4 37      best 38
      best2nd 39         best3rd 40     trans11 41-43
      trans12 44         trans13 45     prior1 46
      prior2 47          prior3 48     trans15 49
      trans16 50         trans17 51     trans18 52
      trans22 53

/2      trans23@a 1-25 (A)  trans23@b 26-50 (A)  trans24 51-52
      mil1 53-55         mil2 56-58     mil3 59-61
      mil4 62-63         mil5 64-65     mil6 66
      mil6a 67          mil7 68        mil8 69
      mil9 70           mil10 71       mil11 72
      mil12 73          mil14 74       mil15 75
      mil13 76          mil16 77       mil17 78
      mil18 79

/3      FM1 1           FM2 2           FM3 3-4
      FM4 5-9          FM5a 10        FM5b 11
      FM5c 12          FM5d 13        FM5e 14
      FM5f 15          FM5g 16        FM5h 17
      FM5i 18          FM5j 19        FM5k 20
      FM5l 21          FM6a 22        FM6b 23
      FM6c 24          FM6d 25        FM7a 26
      FM7b 27          FM7c 28        FM7d 29
      FM7e 30          L1a 31        L2a 32-33
      L2b 34-35        L2c 36        L3 37
      L5a 38           L5b 39        L5c 40
      L5d 41           L5e 42        L6e 43
      L6f 44           CD1 45        CD2 46-47
      CD3 48-49        CD5a 50        CD4a@a 51
      CD4a@b 52        CD4a@c 53     CD4a@d 54
      CD4a@e 55        CD4a@f 56     CD6 57-58
      CD7@a 59         CD7@b 60      CD7@c 61
      CD7@d 62         partyid 63    P17@a 64
      P17@b 65         P17@c 66     P17@d 67
      ideology 68      CD8 69        CD10 70-71
      CD11 72         CD15 73-74    UN1 75
      UN2 76          UN3 77

/4      trans1 1         trans2 2-4     trans3 5-7
      trans4 8-9        trans5@a 10-14  trans5@b 15
      trans7 16         trans8 17-20  trans9 21
      trans9a 22-24    inca 25       incb 26
      incc 27          incd 28       ince 29
      incf 30          incg 31       inch 32
      inci 33          income 34     CD26 35
      X1 36-37         zipcode 38-42  RI 43
      contacts 63-64 (A)  length 65-68 (A)  idate 69-76 (A)
      iwer 77-79 (A)   males 80-81 (A).
```

execute.

VARIABLE LABELS

```
CASEID      'case identification number' /
ID1         'CaseID' /
R1          'Region' /
cnty        'County Code' /
regn        '1 upper pen' /
random1     'Random 1' /
random2     'random 2' /
listed      'Sample Type' /
```

CC1 'Past Financial' /  
 CC2 'Future Financial' /  
 CC3 'Future Financial' /  
 CC4 'Inflation Rate' /  
 CC5 'Unemployment Situtation' /  
 CC6 'Business Conditions' /  
 PO1 'Bush Rating' /  
 PO2 'Granholm Rating' /  
 SEC4 'Terrorism Threat' /  
 drink 'Lowering Drinking Age 18' /  
 drink1 'Reason Favor' /  
 drink2 'Reason Oppose' /  
 drink3 'Lower Drinking Age 19' /  
 roads1 'Condition Michigan Roads' /  
 roads2 'Tax Increase Improve Roads' /  
 roads3 'Best Method - Raise Money Roads' /  
 roads4 'Next Method - Raise Money' /  
 best 'Best Method' /  
 best2nd '2nd Best Method' /  
 best3rd '3rd Best Method' /  
 trans11 'Percent Tax Dollars Fund Pub Trans' /  
 trans12 'Best - Use Transportation Funds' /  
 trans13 '2nd - Use Transportation Funds' /  
 prior1 'Best - Use Transportation Funds' /  
 prior2 '2nd - Use Transportation Funds' /  
 prior3 '3rd - Use Transportation Funds' /  
 trans15 'Improve Transporation - Lower Taxes' /  
 trans16 'Global Warming' /  
 trans17 'Combined Errands' /  
 trans18 'Fluorescent Light Bulbs' /  
 trans22 'Use Comuter Rail System' /  
 trans23@a 'Cities Use System - 1st Mention' /  
 trans23@b 'Cities Use System - 2nd Mention' /  
 trans24 'Times Use Rail System' /  
 mil1 'Guard - Percent Married' /  
 mil2 'Guard - Percent Parents' /  
 mil3 'Guard - Percent College Grads' /  
 mil4 'Guard - Average Age' /  
 mil5 'Guard - Average Deployment' /  
 mil6 'Know Someone Deployed' /  
 mil6a 'How Know Person' /  
 mil7 'Deploy Parents Same Time' /  
 mil8 'Deploy Single Parents' /  
 mil9 'Responsibility Social/Emotional Support Children' /  
 mil10 'Guard - Needed Most' /  
 mil11 'Guard - Assist Succesful Return Home' /  
 mil12 'Responsibility - Physical Injury' /  
 mil14 'Pay Medical/Rehab - Physical Injury' /  
 mil15 'Pay Finacial Support - Physical Injury' /  
 mil13 'Responsibility - Emotional Injury' /  
 mil16 'Pay Medical/Rehab - Emotional Injury' /  
 mil17 'Pay Financial Support - Emotional Injury' /  
 mil18 'Support Tax Increase Military Support' /  
 FM1 'Household Food Shopping' /  
 FM2 'Shop Farmers Market' /  
 FM3 'Times Farmers Market' /  
 FM4 'Dollars Spent Farmers Market' /  
 FM5a 'Farmers Market - Good Value' /  
 FM5b 'Farmers Market - Top Quality Products' /  
 FM5c 'Farmers Market - Large Variety Products' /  
 FM5d 'Farmers Market - Location Convenient' /  
 FM5e 'Farmers Market - Hours Convenient' /  
 FM5f 'Farmers Market - Shop One Location' /  
 FM5g 'Farmers Market - Support Local Farms' /  
 FM5h 'Farmers Market - Information Food Grown' /  
 FM5i 'Farmers Market - Welcoming Atmosphere' /  
 FM5j 'Farmers Market - Hormone/Antibiotic Free' /  
 FM5k 'Farmers Market - Pesticide Free' /  
 FM5l 'Farmers Market - Food Borne Illness' /  
 FM6a 'Loyal Shop Food' /

FM6b 'Comfortable Shopping Farmer''s Market' /  
 FM6c 'Farmers Market Higher Quality Food' /  
 FM6d 'Farmers Market Money''s Worth' /  
 FM7a 'Market Shop - Convenient Times' /  
 FM7b 'Market Shop - Easy Access' /  
 FM7c 'Market Shop - Payment Method' /  
 FM7d 'Market Shop - Product Purchase Elsewhere' /  
 FM7e 'Market Shop - Adequate Supplies' /  
 L1a 'Definition Locally Grown Food' /  
 L2a 'Fresh Fruits/Veg - Supermarket' /  
 L2b 'Fresh Fruits/Veg - Roadside Stand' /  
 L2c 'Fresh Fruits/Veg - Garden' /  
 L3 'Purchase/Given Locally Grown Food' /  
 L5a 'Locally Grown - Costs Too Much' /  
 L5b 'Locally Grown - Available Like Shop' /  
 L5c 'Locally Grown - Does Not Matter' /  
 L5d 'Locally Grown - More Able Indentify' /  
 L5e 'Locally Grown - No Time Shop' /  
 L6e 'Locally Grown - Cannot Find' /  
 L6f 'Locally Grown - Don''t Use Lack Prepare Skills' /  
 CD1 'Sex' /  
 CD2 'Year Born' /  
 CD3 'Education' /  
 CD5a 'Ethnicity' /  
 CD4a@a 'Race - Caucasian' /  
 CD4a@b 'Race - African American or Black' /  
 CD4a@c 'Race - Hawaiian or other Pacific Islander' /  
 CD4a@d 'Race - Asian' /  
 CD4a@e 'Race - American Indian or Alaska Native' /  
 CD4a@f 'Race - Other' /  
 CD6 'Religious Group' /  
 CD7@a 'Poltical Identification' /  
 CD7@b 'Republican' /  
 CD7@c 'Democrat' /  
 CD7@d 'Independent' /  
 partyid 'Political Party Preference' /  
 P17@a 'Political Ideology' /  
 P17@b 'Conservative' /  
 P17@c 'Liberal' /  
 P17@d 'Middle' /  
 ideology 'Degree Liberal-Conservative' /  
 CD8 'Marital Status' /  
 CD10 'Adults' /  
 CD11 'Children' /  
 CD15 'Employment Status' /  
 UN1 'Union Member' /  
 UN2 'Past Union Member' /  
 UN3 'Union Family' /  
 trans1 'Transportation Method Work/School' /  
 trans2 'Miles Travel - Work/School' /  
 trans3 'Minutes Travel - Work/School' /  
 trans4 'Miles Per Gallon' /  
 trans5@a 'Spend Parking' /  
 trans5@b 'Parking Unit' /  
 trans7 'Bus/Public Near Home' /  
 trans8 'Pay Public Transportation' /  
 trans9 'Consider Public Transportation' /  
 trans9a 'Consider Public - More Time' /  
 inca 'Income - More \$40,000' /  
 incb 'Income Less \$20,000' /  
 incc 'Income Less \$10,000' /  
 incd 'Income More \$60,000' /  
 ince 'Income More \$40,000' /  
 incf 'Income More \$50,000' /  
 incg 'income More \$100,000' /  
 inch 'Income More \$70,000' /  
 inci 'Income More \$150,000' /  
 income 'missing' /  
 CD26 'Phone Lines' /  
 X1 'Type Community' /

zipcode 'ZipCode' /  
 RI 'Re-Interview' /  
 contacts 'Contacts' /  
 length 'Interview Length' /  
 idate 'Interview Date' /  
 iwer 'Interviewer' /  
 males 'Number Males' /  
 females 'Number Females' /  
 .

VALUE LABELS

regn 1 'upper pen' 2 'northern' 3 'west central' 4 'east central'  
 5 'southwest' 6 'southeast' 7 'Detroit' /  
 listed 1 'listed' 2 'unlisted' /  
 CC1 1 'BETTER OFF' 2 'ABOUT THE SAME' 3 'WORSE OFF' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 CC2 1 'BETTER OFF' 3 'ABOUT THE SAME' 5 'WORSE OFF' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 CC3 1 'EXCELLENT' 2 'GOOD' 3 'JUST FAIR' 4 'NOT SO GOOD' 5 'POOR'  
 8 'DO NOT KNOW' 9 'REFUSED' /  
 CC4 1 'GO UP' 3 'GO DOWN' 5 'STAY ABOUT THE SAME' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 CC5 1 'BETTER THAN' 3 'WORSE THAN' 5 'ABOUT THE SAME'  
 8 'DO NOT KNOW' 9 'REFUSED' /  
 CC6 1 'GOOD TIMES' 3 'BAD TIMES' 5 'NEITHER' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 PO1 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 PO2 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 SEC4 1 'VERY CONCERNED' 2 'SOMEWHAT CONCERNED' 3 'NOT VERY CONCERNED'  
 4 'NOT CONCERNED AT ALL' 8 'DON'T KNOW' 9 'REFUSED' /  
 drink 1 'FAVOR' 2 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /  
 drink1 1 'ALREADY DRINKING/DECRIMINALIZED IT'  
 2 'VOTE/GO TO WAR/DRIVE, ETC - SHOULD BE ABLE TO DRINK'  
 3 'REDUCE HARMFUL DRINKING'  
 4 'GENERATION MORE RESPONSIBLE/TEACH RESPONSIBLE DRINKING EARLI'  
 90 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /  
 drink2 1 'NOT MATURE ENOUGH TO HANDLE ALCOHOL'  
 2 'CAUSE MORE ACCIDENTS/DEATHS' 3 'ABUSE ALCOHOL'  
 4 'EASIER FOR YOUNGER PEOPLE GET ALCOHOL/HIGH SCHOOL STUDENTS'  
 5 'NEGATIVE EFFECTS OF ALCOHOL ON SOCIETY'  
 6 'ALREADY AT 18 ONCE DID NOT WORK' 90 'MISCELLANEOUS: OTHER'  
 98 'DO NOT KNOW' 99 'REFUSED' /  
 drink3 1 'FAVOR' 2 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /  
 roads1 1 'EXCELLENT' 2 'GOOD' 3 'FAIR' 4 'POOR' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 roads2 0 'NONE, WOULD NOT PAY ANY MORE IN TAX' 01 'CENT INCREASE'  
 99 'CENT INCREASE' 998 'DO NOT KNOW' 999 'REFUSED' /  
 roads3 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 roads4 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 best 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 best2nd 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 best3rd 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 trans11 0 'PERCENT FUNDING FROM TAX DOLLARS'

100 'PERCENT FUNDING FROM TAX DOLLARS' 998 'DO NOT KNOW'  
 999 'REFUSED' /  
 trans12 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 trans13 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 prior1 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 prior2 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 prior3 1 'RAISING GAS TAX 19-21 CENTS'  
 2 'RAISING VEHICLE REGISTRATION FEES'  
 3 'CHARGING TOLL ON MI EXPRESSWAYS' 8 'DO NOT KNOW' 9 'REFUSED'  
 /  
 trans15 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 trans16 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 trans17 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans18 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans22 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans24 0 'TIMES PER MONTH' 31 'TIMES PER MONTH' 98 'DO NOT KNOW'  
 99 'REFUSED' /  
 mil1 0 'PERCENTAGE MARRIED' 100 'PERCENTAGE MARRIED'  
 998 'DO NOT KNOW' 999 'REFUSED' /  
 mil2 0 'PERCENTAGE PARENTS' 100 'PERCENTAGE PARENTS'  
 998 'DO NOT KNOW' 999 'REFUSED' /  
 mil3 0 'PERCENTAGE COLLEGE GRADUATES'  
 100 'PERCENTAGE COLLEGE GRADUATES' 998 'DO NOT KNOW'  
 999 'REFUSED' /  
 mil4 18 'AVERAGE AGE' 65 'AVERAGE AGE' 98 'DO NOT KNOW' 99 'REFUSED'  
 /  
 mil5 0 'MONTHS' 48 'MONTHS' 98 'DO NOT KNOW' 99 'REFUSED' /  
 mil6 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil6a 1 'MEMBER IMMEDIATE FAMILY' 2 'A CLOSE FRIEND' 3 'A CO-WORKER'  
 4 'NEIGHBOR OR AN AQUAINTANCE' 5 'COMBINATION 0 OTHER: SPECIFY'  
 6 'EXTENDED FAMILY' 7 'MISCELLANEOUS1 OTHER' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 mil7 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil8 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil9 1 'OTHER FAMILY MEMBERS' 2 'SCHOOL' 3 'COMMUNITY' 4 'MILITARY'  
 5 'COMBINATION' 6 'CHURCHES/SOCIAL SERVICE AGENCIES'  
 7 'MISCELLANEOUS: OTHER' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil10 1 'EMOTIONAL SUPPORT' 2 'MEDICAL CARE' 3 'FINANCIAL SUPPORT'  
 4 'EMPLOYMENT ASSISTANCE' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil11 1 'FEDERAL GOVERNMENT' 2 'STATE GOVERNMENT' 3 'THE COMMUNITY'  
 4 'FAMILIES/INDIVIDUAL' 5 'COMBINATION 0 OTHER: SPECIFY'  
 6 'NATIONAL GUARD UNIT' 7 'MISCELLANEOUS: OTHER' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 mil12 1 'FEDERAL GOVERNMENT' 2 'STATE GOVERNMENT' 3 'THE COMMUNITY'  
 4 'FAMILIES/INDIVIDUAL' 5 'COMBINATION 0 OTHER: SPECIFY'  
 6 'NATIONAL GUARD UNIT' 7 'MISCELLANEOUS: OTHER' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 mil14 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil15 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil13 1 'FEDERAL GOVERNMENT' 2 'STATE GOVERNMENT' 3 'THE COMMUNITY'  
 4 'FAMILIES/INDIVIDUAL' 5 'COMBINATION 0 OTHER: SPECIFY'  
 6 'NATIONAL GUARD UNIT' 7 'MISCELLANEOUS: OTHER' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 mil16 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

mil17 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 mil18 1 'SUPPORT' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM1 1 'ALWAYS' 2 'SOMETIMES' 3 'RARELY' 4 'NEVER' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM3 1 'TIMES SHOPPED' 15 'TIMES SHOPPED'  
 16 '16 OR MORE TIMES SHOPPED' 98 'DO NOT KNOW' 99 'REFUSED' /  
 FM5a 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5b 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5c 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5d 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5e 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5f 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5g 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5h 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5i 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5j 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5k 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM5l 1 'VERY IMPORTANT' 2 'SOMEWHAT IMPORTANT' 3 'NOT VERY IMPORTANT'  
 4 'NOT IMPORTANT AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /  
 FM6a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM6b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM6c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM6d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM7a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM7b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM7c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM7d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 FM7e 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
 4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 L1a 1 'MUST BE GROWN BY FARMER PERSON KNOWS'  
 2 'MUST BE GROWN IN THE COUNTY PERSON LIVES'  
 3 'MUST BE GROWN WITHIN A 100 MILES OF HOME'  
 4 'MUST BE GROWN IN' 5 'MUST BE GROWN IN GREAT LAKES REGION'  
 8 'DO NOT KNOW' 9 'REFUSED' /  
 L2a 0 'NONE' 1 'SUPERMARKET/CONVENIENCE STORE'  
 25 'SUPERMARKET/CONVENIENCE STORE'  
 90 'NEVER, DID NOT PURCHASE AT ALL' 98 'DO NOT KNOW'  
 99 'REFUSED' /  
 L2b 0 'NONE' 1 'FARM STANDS/CSA' 25 'FARM STANDS/CSA'  
 90 'NEVER, DID NOT PURCHASE AT ALL' 98 'DO NOT KNOW'  
 99 'REFUSED' /

L2c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
L3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
L5a 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
L5b 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
L5c 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
L5d 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
L5e 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
L6e 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
L6f 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'NEITHER AGREE/DISAGREE'  
4 'SOMEWHAT DISAGREE' 5 'STRONGLY DISAGREE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
CD1 1 'MALE' 5 'FEMALE' /  
CD2 00 'YEAR OF BIRTH' 90 'YEAR OF BIRTH' 98 'DO NOT KNOW'  
99 'REFUSED' /  
CD3 0 'DID NOT GO TO SCHOOL' 1 'GRADE' 11 'GRADE'  
12 'HIGH SCHOOL GRAD OR GED' 13 'COLLEGE' 15 'COLLEGE'  
16 'COLLEGE GRADUATE' 17 'SOME POST GRADUATE'  
18 'GRADUATE DEGREE' 20 'TECHNICAL/JUNIOR COLLEGE GRAD'  
98 'DO NOT KNOW' 99 'REFUSED' /  
CD5a 1 'YES, HISPANIC' 5 'NO, NOT HISPANIC' /  
CD4a@a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
CD4a@b 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
CD4a@c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
CD4a@d 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
CD4a@e 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
CD4a@f 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
CD6 0 'NONE' 1 'CATHOLIC' 2 'ISLAMIC/MUSLIM' 3 'JEWISH'  
4 'PROTESTANT' 5 'OTHER NON CHRISTIAN' 7 'OTHER CHRISTIAN' 6'  
8 'UNABLE TO CLASSIFY' 90 'OTHER: UNABLE TO CLASSIFY'  
98 'DO NOT KNOW' 99 'REFUSED' /  
CD7@a 1 'REPUBLICAN' 4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW'  
9 'REFUSED' /  
CD7@b 1 'STRONGLY REPUBLICAN' 2 'NOT VERY STRONG REPUBLICAN'  
8 'DO NOT KNOW' 9 'REFUSED' /  
CD7@c 6 'NOT VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'  
9 'REFUSED' /  
CD7@d 3 'REPUBLICAN' 4 'NEITHER' 5 'DEMOCRAT' 8 'DO NOT KNOW'  
9 'REFUSED' /  
partyid 0 'OTHER PARTY, OTHER' 1 'STRONG REPUBLICAN'  
2 'NOT STRONG REPUBLICAN' 3 'LEAN REPUBLICAN' 4 'NEITHER'  
5 'LEAN DEMOCRAT' 6 'NOT STRONG DEMOCRAT' 7 'STRONG DEMOCRAT'  
8 'DON'T KNOW' 9 'REFUSED' /  
P17@a 1 'CONSERVATIVE' 4 'NEITHER' 7 'LIBERAL' 8 'DO NOT KNOW'  
9 'REFUSED' /  
P17@b 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE' 8 'DO NOT KNOW'  
9 'REFUSED' /  
P17@c 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DO NOT KNOW'  
9 'REFUSED' /  
P17@d 3 'CLOSER CONSERVATIVE' 4 'IN THE MIDDLE' 5 'CLOSER LIBERAL'  
8 'DO NOT KNOW' 9 'REFUSED' /  
ideology 0 'OTHER' 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE'  
3 'LEAN CONSERVATIVE' 4 'MIDDLE' 5 'LEAN LIBERAL'  
6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DON'T KNOW'  
9 'REFUSED' /  
CD8 1 'MARRIED' 2 'DIVORCED' 3 'SEPARATED' 4 'WIDOWED'  
5 'MEMBER UNMARRIED COUPLE' 6 'SINGLE NEVER BEEN MARRIED'  
8 'DO NOT KNOW' 9 'REFUSED' /  
CD10 1 'ADULTS' 98 'DO NOT KNOW' 99 'REFUSED' /

CD11 0 'NO CHILDREN' 1 'CHILDREN' 7 'CHILDREN' 8 'DO NOT KNOW'  
 9 'REFUSED' /  
 CD15 1 'WORK FULL TIME' 2 'WORK PART TIME' 3 'WORK AND GO TO SCHOOL'  
 4 'IN THE ARMED FORCES' 5 'JOB, DID NOT WORK LAST WEEK'  
 6 'UNEMPLOYED' 7 'RETIRED' 8 'SCHOOL FULL-TIME' 9 'HOMEMAKER'  
 10 'DISABLED' 97 'MISCELLANEOUS' 98 'DO NOT KNOW' 99 'REFUSED' /  
 UN1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 UN2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 UN3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans1 1 'DRIVE ALONE' 2 'DRIVE OR RIDE WITH OTHERS' 3 'BUS OR OTHER'  
 4 'WALK OF RIDE A BIKE' 5 'WORK FROM HOME'  
 6 'OTHER: MISCELLANEOUS' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans2 0 'LESS THAN ONE MILE' 1 'MILES' 120 'MILES' /  
 trans3 1 'MINUTES' 120 'MINUTES' /  
 trans4 5 'MILES PER GALLON' 40 'MILES PER GALLON' 98 'DO NOT KNOW'  
 99 'REFUSED' /  
 trans5@a 0 'PARKING IS FREE' 01 'AMOUNT' 12000 'AMOUNT' /  
 trans5@b 1 'PER DAY' 2 'PER WEEK' 3 'PER MONTH' 4 'PER YEAR' /  
 trans7 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans8 0 'NOTHING: WOULD NOT TAKE PUBLIC TRANSIT' 1 'BUS/PUBLIC FARE'  
 2000 'BUS/PUBLIC FARE' 9998 'DO NOT KNOW' 9999 'REFUSED' /  
 trans9 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 trans9a 0 'MINUTES' 120 'MINUTES' 998 'DO NOT KNOW' 999 'REFUSED' /  
 inca 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 incb 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 incc 1 'YES' 5 'NOT' 8 'DO NOT KNOW' /  
 incd 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 ince 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 incf 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 incg 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 inch 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 inci 1 'YES' 5 'NO' 8 'DO NOT KNOW' /  
 CD26 1 'PHONE NUMBERS' 8 'DO NOT KNOW' /  
 X1 0 'OTHER: SPECIFY' 1 'RURAL COMMUNITY'  
 2 'SMALL CITY, TOWN, VILLAGE' 3 'A SUBURB' 4 'URBAN COMMUNITY'  
 98 'DO NOT KNOW' /  
 zipcode 8 'DO NOT KNOW' 48000 'ZIP CODE' 49999 'ZIP CODE' /  
 RI 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /  
 .

COMMENT md, min and max specifications were translated into the  
 COMMENT 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 PO2 (9,8).  
 MISSING VALUES SEC4 (9,8).  
 MISSING VALUES drink (9,8).  
 MISSING VALUES drink1 (99,98).  
 MISSING VALUES drink2 (99,98).  
 MISSING VALUES drink3 (9,8).  
 MISSING VALUES roads1 (9,8).  
 MISSING VALUES roads2 (999,998).  
 MISSING VALUES roads3 (9,8).  
 MISSING VALUES roads4 (9,8).  
 MISSING VALUES best (9,8).  
 MISSING VALUES 2ndbest (9,8).  
 MISSING VALUES 3rdbest (9,8).  
 MISSING VALUES trans11 (999,998).  
 MISSING VALUES trans12 (9,8).  
 MISSING VALUES trans13 (9,8).  
 MISSING VALUES trans15 (9,8).  
 MISSING VALUES trans16 (9,8).  
 MISSING VALUES trans17 (9,8).  
 MISSING VALUES trans18 (9,8).

MISSING VALUES trans22 (9,8).  
MISSING VALUES trans24 (99,98).  
MISSING VALUES mil1 (999,998).  
MISSING VALUES mil2 (999,998).  
MISSING VALUES mil3 (999,998).  
MISSING VALUES mil4 (99,98).  
MISSING VALUES mil5 (99,98).  
MISSING VALUES mil6 (9,8).  
MISSING VALUES mil6a (9,8).  
MISSING VALUES mil7 (9,8).  
MISSING VALUES mil8 (9,8).  
MISSING VALUES mil9 (9,8).  
MISSING VALUES mil10 (9,8).  
MISSING VALUES mil11 (9,8).  
MISSING VALUES mil12 (9,8).  
MISSING VALUES mil14 (9,8).  
MISSING VALUES mil15 (9,8).  
MISSING VALUES mil13 (9,8).  
MISSING VALUES mil16 (9,8).  
MISSING VALUES mil17 (9,8).  
MISSING VALUES mil18 (9,8).  
MISSING VALUES FM1 (9,8).  
MISSING VALUES FM2 (9,8).  
MISSING VALUES FM3 (99,98).  
MISSING VALUES FM5a (9,8).  
MISSING VALUES FM5b (9,8).  
MISSING VALUES FM5c (9,8).  
MISSING VALUES FM5d (9,8).  
MISSING VALUES FM5e (9,8).  
MISSING VALUES FM5f (9,8).  
MISSING VALUES FM5g (9,8).  
MISSING VALUES FM5h (9,8).  
MISSING VALUES FM5i (9,8).  
MISSING VALUES FM5j (9,8).  
MISSING VALUES FM5k (9,8).  
MISSING VALUES FM5l (9,8).  
MISSING VALUES FM6a (9,8).  
MISSING VALUES FM6b (9,8).  
MISSING VALUES FM6c (9,8).  
MISSING VALUES FM6d (9,8).  
MISSING VALUES FM7a (9,8).  
MISSING VALUES FM7b (9,8).  
MISSING VALUES FM7c (9,8).  
MISSING VALUES FM7d (9,8).  
MISSING VALUES FM7e (9,8).  
MISSING VALUES L1a (9,8).  
MISSING VALUES L2a (99,98).  
MISSING VALUES L2b (99,98).  
MISSING VALUES L2c (9,8).  
MISSING VALUES L3 (9,8).  
MISSING VALUES L5a (9,8).  
MISSING VALUES L5b (9,8).  
MISSING VALUES L5c (9,8).  
MISSING VALUES L5d (9,8).  
MISSING VALUES L5e (9,8).  
MISSING VALUES L6e (9,8).  
MISSING VALUES L6f (9,8).  
MISSING VALUES CD2 (99,98).  
MISSING VALUES CD3 (99,98).  
MISSING VALUES CD5a (9,8).  
MISSING VALUES CD4a@a (9,8).  
MISSING VALUES CD4a@b (9,8).  
MISSING VALUES CD4a@c (9,8).  
MISSING VALUES CD4a@d (9,8).  
MISSING VALUES CD4a@e (9,8).  
MISSING VALUES CD4a@f (9,8).  
MISSING VALUES CD6 (99,98).  
MISSING VALUES CD7@a (9,8).  
MISSING VALUES CD7@b (9,8).  
MISSING VALUES CD7@c (9,8).

MISSING VALUES CD7@d (9,8).  
MISSING VALUES P17@a (9,8).  
MISSING VALUES P17@b (9,8).  
MISSING VALUES P17@c (9,8).  
MISSING VALUES P17@d (9,8).  
MISSING VALUES CD8 (9,8).  
MISSING VALUES CD10 (99,98).  
MISSING VALUES CD11 (9,8).  
MISSING VALUES CD15 (99,98).  
MISSING VALUES UN1 (9,8).  
MISSING VALUES UN2 (9,8).  
MISSING VALUES UN3 (9,8).  
MISSING VALUES trans1 (9,8).  
MISSING VALUES trans4 (99,98).  
MISSING VALUES trans7 (9,8).  
MISSING VALUES trans9 (9,8).  
MISSING VALUES inca (9,8).  
MISSING VALUES incb (9,8).  
MISSING VALUES incc (9,8).  
MISSING VALUES incd (9,8).  
MISSING VALUES ince (9,8).  
MISSING VALUES incf (9,8).  
MISSING VALUES incg (9,8).  
MISSING VALUES inch (9,8).  
MISSING VALUES inci (9,8).  
MISSING VALUES CD26 (9,8).  
MISSING VALUES X1 (99,98).  
MISSING VALUES RI (9,8).

## **15. WEIGHTING COMMANDS**

**RE-CONTACT SEGMENT**

```
compute sample=1.
*compute sample=2.
*if (imprace40 ge 1)sample=1.
value labels sample 1 'S49 re-interviews' 2 'S50 fresh RDD'.
freq var=sample.

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

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

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

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

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

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

value labels regn newregn2 1 'UP' 2 'N. LP' 3 'W. Central' 4 'E. Central' 5 'Southwest' 6
'Southeast' 7 'Detroit'.
freq var=newregn2.
crosstab table=regn by newregn2.

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

if (regn ne newregn2)regn=newregn2.
*compute listed=2.
*compute list49=0.
freq var=regn listed.

weight off.
compute listwt=1.
if (listed=2)listwt=4.65.
if (listed=1 or listed=3)listwt=0.7029.
weight by listwt.
freq var=listwt regn.

compute tempwt=listwt*10.
weight by tempwt.
*weight off.
missing values cd26 ().
freq var=cd26.
```

```
recode cd26 (sysmis=9).

*   This weights households by number of phone lines.

compute phwt=listwt.
if (cd26 eq 1 or cd26 ge 8)phwt=1.0318*listwt.
if (cd26 eq 2)phwt=0.5159*listwt.
if (cd26 eq 3)phwt=0.3439*listwt.
if (cd26 eq 4)phwt=0.2579*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.

FREQUENCIES
  VARIABLES= CD10 cd26 .

compute roundwt=10*phwt.
weight by roundwt.
freq var=cd10.

missing values cd10 ().

recode cd10 (sysmis=1).
compute adults=cd10.

freq var=adults cd10.
*   This adjusts weight by number of adults in the household.

compute adltwt=phwt.

if (cd10=1)adltwt=phwt*0.5580.
if (cd10=2)adltwt=phwt*1.1161.
if (cd10=3)adltwt=phwt*1.6741.
if (cd10=4)adltwt=phwt*2.2322.
if (cd10=5)adltwt=phwt*1.
if (cd10=6)adltwt=phwt*3.3483.
if (cd10=7)adltwt=phwt*1.
if (cd10=8)adltwt=phwt*4.4644.
if (cd10=9)adltwt=phwt*1.
if (cd10=10)adltwt=phwt*1.
if (cd10=98 or adults=99) adltwt=phwt*.5580.

weight by adltwt.

freq var=cd10.

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

*compute sample=1.
compute sample=2.
*if (imprace40 ge 1)sample=1.
value labels sample 1 'S49 re-interviews' 2 'S50 fresh RDD'.
freq var=sample.

compute newreg2=0.
if (cnty=26049 or cnty=26087 or cnty=26091 or cnty=26093 or cnty=26099 or
cnty=26115)newreg2=6.
if (cnty=26125 or cnty=26147 or cnty=26161 or cnty=26163)newreg2=6.
if (cnty=26021 or cnty=26023 or cnty=26025 or cnty=26027 or cnty=26045)newreg2=5.
if (cnty=26059 or cnty=26065 or cnty=26075 or cnty=26077 or cnty=26149)newreg2=5.
if (cnty=26159)newreg2=5.

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

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

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

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

value labels regn newregn2 1 'UP' 2 'N. LP' 3 'W. Central' 4 'E. Central' 5 'Southwest' 6
'Southeast' 7 'Detroit'.
freq var=newregn2.
crosstab table=regn by newregn2.

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

if (regn ne newregn2)regn=newregn2.
*compute listed=2.
compute list49=0.
freq var=regn listed.

weight off.
compute listwt=1.
if (listed=2)listwt=5.6167.
if (listed=1 or listed=3)listwt=0.6932.
weight by listwt.
freq var=listed regn.

compute tempwt=listwt*10.
weight by tempwt.
*weight off.
missing values cd26 ().
freq var=cd26.

recode cd26 (sysmis=9).

* This weights households by number of phone lines.

compute phwt=listwt.
if (cd26 eq 1 or cd26 ge 8)phwt=1.0347*listwt.
if (cd26 eq 2)phwt=0.5173*listwt.
if (cd26 eq 3)phwt=0.3449*listwt.
if (cd26 eq 4)phwt=1*listwt.
if (cd26 eq 5)phwt=1*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.

FREQUENCIES
  VARIABLES= cd10 cd26.

compute roundwt=10*phwt.
weight by roundwt.
freq var=cd10.

missing values cd10 ().

recode cd10 (sysmis=1).
compute adults=cd10.
```

```
freq var=adults cd10.
* This adjusts weight by number of adults in the household.

compute adlwt=phwt.

if (cd10=1)adlwt=phwt*0.5004.
if (cd10=2)adlwt=phwt*1.0007.
if (cd10=3)adlwt=phwt*1.5011.
if (cd10=4)adlwt=phwt*2.0015.
if (cd10=5)adlwt=phwt*2.5019.
if (cd10=6)adlwt=phwt*3.0022.
if (cd10=7)adlwt=phwt*3.5026.
if (cd10=8)adlwt=phwt*1.
if (cd10=9)adlwt=phwt*1.
if (cd10=10)adlwt=phwt*1.
if (cd10=98 or adults=99) adlwt=phwt*.5004.

weight by adlwt.

freq var=cd10.

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

FREQUENCIES
  VARIABLES=cd1 cd2.

missing values cd2 ().
temporary.
select if (cd2=99 and sample=1).
freq var=id1.

compute age=0.
if (cd2 le 90)age=108-cd2.
*if (cd2 gt 88 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 98)age=0.
if (age=17)age=18.
if (age le 0)age=0.
if (age ge 18 and age lt 25)agecat=1.
if (age ge 25 and age lt 30)agecat=2.
if (age ge 30 and age lt 40)agecat=3.
if (age ge 40 and age lt 50)agecat=4.
if (age ge 50 and age lt 60)agecat=5.
if (age ge 60 and age lt 65)agecat=6.
if (age ge 65)agecat=7.
if (age le 17)agecat=9.
if (age eq 107)agecat=9.
missing values age (0)/agecat (9).
value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
  4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.

freq var=age.

freq var=agecat .
freq var=regn .

compute rac3=0.
compute multrace=0.
count mult2=cd4a@a to cd4a@e(1).
if (mult2=0 and cd5a=1)rac3=1.
if (cd4a@a=1 and mult2=1)rac3=1.
if (cd4a@b=1 and mult2=1)rac3=2.
if (cd4a@c=1 and mult2=1)rac3=3.
if (cd4a@d=1 and mult2=1)rac3=4.
if (cd4a@e=1 and mult2=1)rac3=5.
```

```
if (mult2 gt 1 and cd4a@e=1) races=5.
if (mult2 gt 1 and cd4a@d=1) races=4.
if (mult2 gt 1 and cd4a@c=1) races=3.
if (mult2 gt 1 and cd4a@b=1) races=2.
recode races (1=1) (2=2) (3,4,5=3) into rac3.
value labels races 1 'white' 2 'black' 3 'hawaiian, PI'
  4 'asian' 5 'indian'/rac3 1 'white' 2 'black' 3 'other'.
missing values rac3 ().
compute imprace=rac3.
if (imprace=0 and regn=7) imprace=2.
if (imprace=0 and regn lt 7) imprace=1.
value labels imprace 1 'white' 2 'black' 3 'other'.
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.
compute roundwt=ovrsamwt*10.
weight by roundwt.
```

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

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

```
if (imprace eq 1 and cd1 eq 1 and regn eq 1) racgenct=ovrsamwt*1.7811.
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*2.7631.
if (imprace eq 1 and cd1 eq 5 and regn eq 1) racgenct=ovrsamwt*0.6488.
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*2.7930.
```

```
if (imprace eq 1 and cd1 eq 1 and regn eq 2) racgenct=ovrsamwt*1.2590.
if (imprace eq 2 and cd1 eq 1 and regn eq 2) racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 2) racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 2) racgenct=ovrsamwt*0.8432.
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*0.2896.
```

```
if (imprace eq 1 and cd1 eq 1 and regn eq 3) racgenct=ovrsamwt*1.0200.
if (imprace eq 2 and cd1 eq 1 and regn eq 3) racgenct=ovrsamwt*0.8654.
if (imprace eq 3 and cd1 eq 1 and regn eq 3) racgenct=ovrsamwt*4.5203.
if (imprace eq 1 and cd1 eq 5 and regn eq 3) racgenct=ovrsamwt*0.9253.
if (imprace eq 2 and cd1 eq 5 and regn eq 3) racgenct=ovrsamwt*3.7319.
if (imprace eq 3 and cd1 eq 5 and regn eq 3) racgenct=ovrsamwt*4.6745.
```

```
if (imprace eq 1 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*1.1818.
if (imprace eq 2 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*0.5866.
if (imprace eq 3 and cd1 eq 1 and regn eq 4) racgenct=ovrsamwt*1.2114.
if (imprace eq 1 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*1.0116.
if (imprace eq 2 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*2.3964.
if (imprace eq 3 and cd1 eq 5 and regn eq 4) racgenct=ovrsamwt*0.0791.
```

```
if (imprace eq 1 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*1.1973.
if (imprace eq 2 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*5.4103.
if (imprace eq 3 and cd1 eq 1 and regn eq 5) racgenct=ovrsamwt*0.7798.
if (imprace eq 1 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.8782.
```

```
if (imprace eq 2 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*0.5349.
if (imprace eq 3 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*1.0868.

if (imprace eq 1 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*0.7309.
if (imprace eq 2 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*11.3224.
if (imprace eq 3 and cd1 eq 1 and regn eq 6) racgenct=ovrsamwt*0.3891.
if (imprace eq 1 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*1.2761.
if (imprace eq 2 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*5.2438.
if (imprace eq 3 and cd1 eq 5 and regn eq 6) racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*0.3987.
if (imprace eq 2 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*1.1059.
if (imprace eq 3 and cd1 eq 1 and regn eq 7) racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*0.6027.
if (imprace eq 2 and cd1 eq 5 and regn eq 7) racgenct=ovrsamwt*1.3270.
if (imprace eq 3 and cd1 eq 5 and regn eq 5) racgenct=ovrsamwt*1.
```

weight by racgenct.

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

```
compute roundwt=racgenct*10.
weight by roundwt.
crosstab tables=agecat by regn/cells count.
```

```
compute agewt=racgenct.
if (agecat eq 1 and regn eq 1) agewt=racgenct*3.6759.
if (agecat eq 2 and regn eq 1) agewt=racgenct*1.7165.
if (agecat eq 3 and regn eq 1) agewt=racgenct*18.4987.
if (agecat eq 4 and regn eq 1) agewt=racgenct*1.2670.
if (agecat eq 5 and regn eq 1) agewt=racgenct*0.9001.
if (agecat eq 6 and regn eq 1) agewt=racgenct*0.4061.
if (agecat eq 7 and regn eq 1) agewt=racgenct*0.4944.

if (agecat eq 1 and regn eq 2) agewt=racgenct*2.0443.
if (agecat eq 2 and regn eq 2) agewt=racgenct*1.1576.
if (agecat eq 3 and regn eq 2) agewt=racgenct*1.8908.
if (agecat eq 4 and regn eq 2) agewt=racgenct*1.2964.
if (agecat eq 5 and regn eq 2) agewt=racgenct*0.9216.
if (agecat eq 6 and regn eq 2) agewt=racgenct*0.5239.
if (agecat eq 7 and regn eq 2) agewt=racgenct*0.6598.

if (agecat eq 1 and regn eq 3) agewt=racgenct*2.1804.
if (agecat eq 2 and regn eq 3) agewt=racgenct*1.2059.
if (agecat eq 3 and regn eq 3) agewt=racgenct*2.1062.
if (agecat eq 4 and regn eq 3) agewt=racgenct*1.3189.
if (agecat eq 5 and regn eq 3) agewt=racgenct*0.6938.
if (agecat eq 6 and regn eq 3) agewt=racgenct*0.5720.
if (agecat eq 7 and regn eq 3) agewt=racgenct*0.5480.
if (agecat eq 1 and regn eq 4) agewt=racgenct*0.8877.
if (agecat eq 2 and regn eq 4) agewt=racgenct*2.4243.
if (agecat eq 3 and regn eq 4) agewt=racgenct*2.0658.
if (agecat eq 4 and regn eq 4) agewt=racgenct*1.2057.
if (agecat eq 5 and regn eq 4) agewt=racgenct*0.7062.
if (agecat eq 6 and regn eq 4) agewt=racgenct*0.5072.
if (agecat eq 7 and regn eq 4) agewt=racgenct*0.8358.

if (agecat eq 1 and regn eq 5) agewt=racgenct*1.7464.
if (agecat eq 2 and regn eq 5) agewt=racgenct*1.9140.
if (agecat eq 3 and regn eq 5) agewt=racgenct*3.7716.
if (agecat eq 4 and regn eq 5) agewt=racgenct*1.6249.
if (agecat eq 5 and regn eq 5) agewt=racgenct*0.4674.
if (agecat eq 6 and regn eq 5) agewt=racgenct*0.4222.
```

---

```
if (agecat eq 7 and regn eq 5)agewt=racgenct*0.6701.

if (agecat eq 1 and regn eq 6)agewt=racgenct*0.8708.
if (agecat eq 2 and regn eq 6)agewt=racgenct*11.4604.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.8157.
if (agecat eq 4 and regn eq 6)agewt=racgenct*1.5754.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.6324.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.5542.
if (agecat eq 7 and regn eq 6)agewt=racgenct*0.5973.

if (agecat eq 1 and regn eq 7)agewt=racgenct*2.2363.
if (agecat eq 2 and regn eq 7)agewt=racgenct*1.7376.
if (agecat eq 3 and regn eq 7)agewt=racgenct*1.2479.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.1232.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.6211.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.3404.
if (agecat eq 7 and regn eq 7)agewt=racgenct*0.9265.
weight by agewt.

compute roundwt=agewt*10.
weight by roundwt.

freq var=regn

weight off.
freq var=regn.

*The following command adjusts the number of cases in each region
  back to the actual number interviewed.
compute adjwt=agewt.
if (regn=1)adjwt=agewt*1.20841.
if (regn=2)adjwt=agewt*1.42132.
if (regn=3)adjwt=agewt*0.95029.
if (regn=4)adjwt=agewt*1.01999.
if (regn=5)adjwt=agewt*0.96995.
if (regn=6)adjwt=agewt*0.85321.
if (regn=7)adjwt=agewt*1.13059.
*compute adjwt=adjwt*1.001502.
weight by adjwt.
freq var=regn

weight off.
freq var=regn.

recode regn (1=1) (2=2) (3=3) (4=4) (5=5) (6=6) (7=6) into msueregn.

value labels msueregn 1 'UP' 2 'North LP' 3 'W. Central' 4 'E. Central'
  5 'Southwest' 6 'Southeast Urban'.
compute tempwt=10*adjwt.
weight by tempwt.
freq var=msueregn newregn2.

compute msuewt=adjwt.
if (regn=7)msuewt=adjwt*0.3910.
if (regn=6)msuewt=adjwt*1.4224.
weight by msuewt.
freq var=msueregn regn cd1

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

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.4641.
if (msueregn eq 2)statewt=msuewt*0.6430.
if (msueregn eq 3)statewt=msuewt*0.6956.
```

```
if (msueregn eq 4)statewt=msuewt*0.5585.
if (msueregn eq 5)statewt=msuewt*0.9235.
if (msueregn eq 6)statewt=msuewt*1.6430.
*compute statewt=statewt*0.9990.
weight by statewt.
freq var=regn msueregn.

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

*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.
freq var=income.
recode income (sysmis=-9).

do if (sample=1).
missing values inca ().
compute newinc=0.
if (inca=8)newinc=9.
if (inca=9)newinc=0.
if (inca=1)newinc=4.
if (inca=5)newinc=3.
if (incb=1)newinc=2.
if (incc=1)newinc=1.
if (incd=1)newinc=7.
if (inca=1)newinc=5.
if (inca=5)newinc=4.
if (inca=1)newinc=6.
if (inca=5)newinc=5.
if (inca=1)newinc=8.
if (newinc=8 and incd=5)newinc=6.
end if.
missing values income newinc ().
value labels income newinc 1 'LT $10,000' 2 '$10,000 - 19,999' 3 '$20,000 - 29,999'
  4 '$30,000 - 39,999' 5 '$40,000 - 49,999' 6 '$50,000 - 59,999' 7 '$60,000 - 69,999'
  8 '$70,000 or More' 9 'DK' 0 'REF'.
crosstab table=income by newinc.
missing values income newinc ().
recode income (-9=sysmis).

missing values newinc income (0,9).
freq var=newinc.
compute income=newinc.
*if (income=0 and (newinc40 gt 0 and newinc40 lt 9))income=newinc40.
*if (income=9 and (newinc40 gt 0 and newinc40 lt 9))income=newinc40.

do if (sample=2).
missing values inca ().
compute newinc50=99.
if (inca=8)newinc50=98.
if (inca=9)newinc50=99.
if (inca=1)newinc50=4.
if (inca=5)newinc50=3.
```

```

if (incb=1)newinc50=2.
if (incc=1)newinc50=1.
if (incd=1)newinc50=7.
if (ince=1)newinc50=5.
if (incc=5)newinc50=4.
if (incf=1)newinc50=6.
if (incf=5)newinc50=5.
if (inch=1)newinc50=8.
if (incg=1)newinc50=9.
if (inci=1)newinc50=10.
*if (newinc50=8 and incd=5)newinc=6.
end if.
missing values newinc50 (98,99).
value labels newinc50 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 -99,000' 9 '$100,000 - 149,999' 10 '$150,000 or more' 98 'DK' 99 'REF'.
freq var=newinc50.
*missing values income newinc ().
*recode income (-9=syemis).

missing values newinc50 ().
if (sample=1) Soss50INC=newinc49.
recode soss50inc (1=1)(2=2)(3,4=3)(5=4)(6=5)(7=6)(8 thru 10=7)(98=98)(99=99).
value labels soss50inc 1 'LT $10,000' 2 '$10,000 - 19,999' 3 '$20,000 - 39,999'
  4 '$40,000 - 49,999' 5 '$50,000 - 59,999' 6 '$60,000 - 69,999'
  7 '$70,000 or more' 98 'DK' 99 'REF'.
if (sample=1 and soss50inc=0)soss50inc=99.
if (sample=1 and soss50inc=9)soss50inc=98.
if (sample=2 and newinc50=1)soss50inc=1.
if (sample=2 and newinc50=2)soss50inc=2.
if (sample=2 and (newinc50=3 or newinc50=4))soss50inc=3.
if (sample=2 and newinc50=5)soss50inc=4.
if (sample=2 and newinc50=6)soss50inc=5.
if (sample=2 and newinc50=7)soss50inc=6.
if (sample=2 and (newinc50 ge 8 and newinc50 lt 98))soss50inc=7.
if (sample=2 and newinc50 ge 98)soss50inc=newinc50.
missing values soss50inc (98,99).
freq var=soss50inc.

var labels newinc49 'Gathered Income Responses from SOSS-49 interview'/
  newinc50 'Gathered Income Responses from SOSs-50 interview'/
  SOSS50inc 'R Household Income in Categories Consistent Across SOSS49 and 50'.

freq var=income.

freq var=length.
if (length lt 10)length=0.
if (length gt 40)length=0.
missing values length (0).

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

var labels
  newreg2 'Alternate coding of cases into regions based on FIPS'/
  listwt 'Weight adjustment for listed vs nonlisted numbers'/
  phwt 'Weight adjustment for number of phone lines to HHL'D'/
  adltwt 'Weight adjustment for number adults in HHL'D'/
  age 'Rs age calculated from year born (CD2)'/
  agecat 'Rs age in categories'/
  rac3 'Rs race in 3 categories and missing'/
  mult2 'Number racial groups R claims'/
  races 'Rs race in 6 categories'/
  imprace 'Rs race in 3 categories with imputation if missing'/

```

```
adj1 'interim weight adjustment'/
ovrsamwt 'interim weight adjustment'/
racgenct 'Sex x Race x Region weight adjustment'/
agewt 'Age x Region weight adjustment'/
adjwt 'Adjustment to correct rounding errors within region'/
msueregn 'MSU Extension Regions (Detroit in Reg. 6)'/
msuewt 'Weight to fold Detroit into Region 6'/
statewt 'Final weight for statewide analysis'/
newinc 'Alternate gathering of income responses'.
```

\* New weighting for New MSU Extension Regions, start with OVRSAMWT and use age by race by sex within regions.

```
*region 5 Southeast 26115 'Monroe' 26163 'Wayne' 26161 'Washtenaw' 26093 'Livingston'
26125 'Oakland' 26099 'Macomb' 26147 'St Clair' 26087 'Lapeer' 26049 'Genesee'
26151 'Sanilac' 26145 'Saginaw' 26157 'Tuscola' 26063 'Huron'.
```

```
*Region 4 Southwest 26091 'Lenawee' 26059 'Hillsdale' 26023 'Branch' 26149 'St Joseph'
26027 'Cass' 26021 'Berrien' 26075 'Jackson' 26025 'Calhoun' 26077 'Kalamazoo'
26159 'Van Buren' 26065 'Ingham' 26045 'Eaton' 26015 'Barry' 26005 'Allegan'
26155 'Shiawassee' 26037 'Clinton' 26067 'Ionia' 26121 'Muskegon' .
```

```
*Region 3 Central 26081 'Kent' 26139 'Ottawa' 26057 'Gratiot' 26117 'Montcalm'
26123 'Newaygo' 26111 'Midland' 26073 'Isabella' 26107 'Mecosta' 26127 'Oceana'
26017 'Bay' 26011 'Arenac' 26051 'Gladwin' 26035 'Clare' 26133 'Osceola'
26085 'Lake' 26105 'Mason' .
```

```
*Region 2 North 26047 'Emmet' 26031 'Cheboygan' 26141 'Presque Isle' 26007 'Alpena'
26119 'Montmorency' 26137 'Otsego' 26029 'Charlevoix' 26089 'Leelanau'
26019 'Benzie' 26055 'Grand Traverse' 26079 'Kalkaska' 26039 'Crawford'
26135 'Oscoda' 26001 'Alcona' 26069 'Iosco' 26009 'Antrim' 26101 'Manistee'
26113 'Missaukee' 26129 'Ogemaw' 26143 'Roscommon' 26165 'Wexford' .
```

```
*Region 1 Upper Peninsula 26109 'Menominee' 26041 'Delta' 26033 'Chippewa' 26095 'Luce'
26097 'Mackinac' 26153 'Schoolcraft' 26003 'Alger' 26103 'Marquette'
26043 'Dickinson' 26071 'Iron' 26053 'Gogebic' 26013 'Baraga' 26131 'Ontonagon'
26083 'Keweenaw' 26061 'Houghton' .
```

\* NEW MSUE REGION GROUPINGS OF COUNTIES calculations are in Region1-6.xls files of Census for Race folder..

```
compute msue2005=0.
```

```
if (cnty=26109 or cnty=26041 or cnty=26033 or cnty=26095 or cnty=26097 or cnty=26153 or
cnty=26003 or cnty=26103 or cnty=26043 or cnty=26071 or cnty=26053 or cnty=26013 or
cnty=26131 or cnty=26083 or cnty=26061)msue2005=1.
```

```
if (cnty=26047 or cnty=26031 or cnty=26141 or cnty=26007 or cnty=26119 or cnty=26137 or
cnty=26029 or cnty=26089 or cnty=26019 or cnty=26055 or cnty=26079 or cnty=26039 or
cnty=26135 or cnty=26001 or cnty=26069 or cnty=26009 or cnty=26101 or cnty=26113 or
cnty=26129 or cnty=26143 or cnty=26165)msue2005=2.
```

```
if (cnty=26081 or cnty=26139 or cnty=26057 or cnty=26117 or cnty=26123 or cnty=26111 or
cnty=26073 or cnty=26107 or cnty=26127 or cnty=26017 or cnty=26011 or cnty=26051 or
cnty=26035 or cnty=26133 or cnty=26085 or cnty=26105)msue2005=3.
```

```
if (cnty=26091 or cnty=26059 or cnty=26023 or cnty=26149 or cnty=26027 or cnty=26021 or
cnty=26075 or cnty=26025 or cnty=26077 or cnty=26159 or cnty=26065 or cnty=26045 or
cnty=26015 or cnty=26005 or cnty=26155 or cnty=26037 or cnty=26067 or cnty=26121)
msue2005=4.
```

```
if (cnty=26115 or cnty=26163 or cnty=26161 or cnty=26093 or cnty=26125 or cnty=26099 or
cnty=26147 or cnty=26087 or cnty=26049 or cnty=26151 or cnty=26145 or cnty=26157 or
cnty=26063)msue2005=5.
```

```

if (newregn2=7)msue2005=6.

value labels msue2005 1 'Upper Peninsula' 2 'North' 3 'Central' 4 'Southwest' 5
'Southeast' 6 'Detroit'.
freq var=msue2005.

weight off.

weight by statewt.
freq var=msue2005.

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

recode age (18 thru 29=1)(30 thru 44=2)(45 thru 64=3)(65 thru 102=4) (0=9) into agecat4.
value labels agecat4 1 '18-29' 2 '30-44' 3 '45-64' 4 '65+' 9 'missing'.
freq var=agecat4.

CROSSTABS
  /TABLES=agecat4 BY imprace BY CD1 BY msue2005
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

compute newregARSwt=ovrsamwt.
* Region 1.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt*8.3102.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt*10.8089.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt*1.1921.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt*0.8286.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt*1.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt*1.0767.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt*1.4905.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt*0.8176.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt*0.3720.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

if (msue2005=1 and imprace=2 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=2 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

if (msue2005=1 and imprace=3 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 1.0007.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 1.0940.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1 .
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

*Region 2.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt*0.9907.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt*3.4791.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt*0.8750.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt*1.1200.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt*1 .

```



```

if (msue2005=4 and imprace=1 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt*1.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt*1.8254.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt*3.6097.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt*0.4813.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt*0.6470.
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt*1 .

if (msue2005=4 and imprace=2 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 3.8395.
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.8698.
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1 .
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 3.8728.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 0.1862.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1.3466.
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

if (msue2005=4 and imprace=3 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 9.0013.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 0.5144.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 0.4044.
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 1.4239.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 0.4942.
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1 .

* Region 5.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 0.5826.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 3.4516.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 0.6248.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 0.5727.
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 2.3857.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.7995.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 0.8526.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 0.7997.
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt*1 .

if (msue2005=5 and imprace=2 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 1.4903.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.3153.
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.4315.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 5.6155.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

if (msue2005=5 and imprace=3 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt*1.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 0.3374.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 1.9855.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 0.1885.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=5 and imprace=3 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1 .

* Region 6.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 1.7214.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 3.2404.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 0.1379.

```

```

if (msue2005=6 and imprace=1 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 0.8357.
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 0.2692.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 0.4114.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1.0972.
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

if (msue2005=6 and imprace=2 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 4.3254.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 0.9089.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 0.8104.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.5648.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 2.6066.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.6082.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 1.0248.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 0.8820.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

if (msue2005=6 and imprace=3 and cd1=1 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=3) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=1 and agecat4=9) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=1) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=2) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=3) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=4) newregARSwt=ovrsamwt* 1.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=9) newregARSwt=ovrsamwt* 1.

weight by newregarswt.
freq var=msue2005 imprace cd1 agecat4.

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

weight off.
freq var=msue2005.

compute newadjwt=1.
if (msue2005=1) newadjwt=newregarswt*1.1405.
if (msue2005=2) newadjwt=newregarswt*1.4241.
if (msue2005=3) newadjwt=newregarswt*0.9823.
if (msue2005=4) newadjwt=newregarswt*1.0052.
if (msue2005=5) newadjwt=newregarswt*0.9418.
if (msue2005=6) newadjwt=newregarswt*1.1296.
weight by newadjwt.
freq var=msue2005.

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

compute MSUE2005wt=newadjwt.
if (msue2005=5) msue2005wt=newadjwt*1.30141.
if (msue2005=6) msue2005wt=newadjwt*0.44391.
weight by MSUE2005wt.
recode msue2005 (1=1) (2=2) (3=3) (4=4) (5,6=5) into MSUE2005r5.
value labels msue2005r5 1 'UP' 2 'North' 3 'Central' 4 'Southwest' 5 'Southeast'.
freq var=msue2005r5.

var labels msue2005 'New MSU Extension regions plus city of Detroit'/
agecat4 'Respondents age in 4 categories'/
newregARSwt 'preliminary new MSUE region wt'/
newadjwt 'Final adjust weight for new MSUE regions with Detroit separate'/
MSUE2005wt 'Final new MSUE region wt with Detroit in Region 5'/

```

MSUE2005r5 'New MSUE regions (5) with Detroit in region 5'.

```
*recode P4a@a (91=97) (90=99) (36=97).
*recode P4a@b (90=95).
*value labels p4a@a p4a@b 90 'no problems'.
*freq var= p4a@a p4a@b.
*recode a1 (91=97).
```

```
compute adjwt10=adjwt*10000.
compute msuewt10=msuewt*10000.
compute statewt10=statewt*10000.
compute newadjwt10=newadjwt*10000.
compute msue2005wt10=msue2005wt*10000.
*compute racewt=racewt*10000.
```

```
recode FM1 (sysmis=-9).
if (adults=1 and FM1=-9)FM1=1.
freq var=fml.
```

write Outfile='g:\massstoragebackup10062007\sosses\soss50\newsoss50\soss50wt.dat'

```
/1      CASEID 1-5 (A)          ID1 1-5 (A)          R1 6
      cnty 7-11                regn 12                newreg5 13
      random1 14 (A)          random2 15 (A)          listed 16
      CC1 17                  CC2 18                  CC3 19
      CC4 20                  CC5 21                  CC6 22
      PO1 23                  PO2 24                  SEC4 25
      drink 26                drink1 27-28           drink2 29-30
      drink3 31              roads1 32              roads2 33-35
      roads3 36              roads4 37              best 38
      best2nd 39             best3rd 40             trans11 41-43
      trans12 44             trans13 45             prior1 46
      prior2 47              prior3 48             trans15 49
      trans16 50             trans17 51            trans18 52
      trans22 53
/2      trans23@a 1-25 (A)    trans23@b 26-50 (A)    trans24 51-52
      mil1 53-55             mil2 56-58             mil3 59-61
      mil4 62-63             mil5 64-65             mil6 66
      mil6a 67               mil7 68                mil8 69
      mil9 70                mil10 71               mil11 72
      mil12 73              mil14 74               mil15 75
      mil13 76              mil16 77               mil17 78
      mil18 79
/3      FM1 1                FM2 2                  FM3 3-4
      FM4 5-9                FM5a 10                FM5b 11
      FM5c 12                FM5d 13                FM5e 14
      FM5f 15                FM5g 16                FM5h 17
      FM5i 18                FM5j 19                FM5k 20
      FM5l 21                FM6a 22                FM6b 23
      FM6c 24                FM6d 25                FM7a 26
      FM7b 27                FM7c 28                FM7d 29
      FM7e 30                L1a 31                 L2a 32-33
      L2b 34-35              L2c 36                 L3 37
      L5a 38                  L5b 39                 L5c 40
      L5d 41                  L5e 42                 L6e 43
      L6f 44                  CD1 45                 CD2 46-47
      CD3 48-49              CD5a 50                CD4a@a 51
      CD4a@b 52              CD4a@c 53              CD4a@d 54
      CD4a@e 55              CD4a@f 56              CD6 57-58
      CD7@a 59                CD7@b 60              CD7@c 61
      CD7@d 62                partyid 63             P17@a 64
      P17@b 65                P17@c 66              P17@d 67
      ideology 68            CD8 69                 CD10 70-71
      CD11 72                CD15 73-74            UN1 75
      UN2 76                  UN3 77
/4      trans1 1              trans2 2-4             trans3 5-7
```

---

```
      trans4 8-9      trans5@a 10-14      trans5@b 15
      trans7 16      trans8 17-20      trans9 21
      trans9a 22-24      inca 25      incb 26
      incc 27      incd 28      ince 29
      incf 30      incg 31      inch 32
      inci 33      CD26 35
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/5  contacts 1-2      length 3-6      idate 7-14
   iwer 15-17      males 18-19      females 20-21
   races 57      AGECAT 58      ADJWT10 59-64
   MSUEREGN 65      MSUEWT10 66-72
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   msue2005 87      agecat4 88
   newadjwt10 90-96      msue2005wt10 98-104      msue2005r5 105      sample 106 .
execute .
```