

METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY
STATE OF THE STATE SURVEY
[MSU SOSS-38]

Spring 2005 Round

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August, 2005

NOTE TO THE READER

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

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

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1. PURPOSE OF SURVEY

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

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

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

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

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

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

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

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

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

2. CALENDAR

People's experiences and the public mood change not only from year to year but also with the seasons. It is important to establish baselines for understanding what is a "normal" seasonal fluctuation and what is a more permanent change. For this reason, SOSS is conducted at regular quarterly intervals. Roughly one-fourth of the questions are repeated in each quarterly round.

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

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

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

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

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

From time to time, SOSS may depart from this thematic plan when particular sponsorship or pressing issues make it necessary or desirable. The focus of SOSS 38 was the charitable giving and volunteer activities of Michigan households, ratings of Michigan's public schools and familiarity with charter schools, and U.S. relations with African countries.

3. STRUCTURE OF THE QUESTIONNAIRE

The questionnaires for each round of the survey are designed by a different set of principal investigators, who are faculty and students at MSU. Each survey

instrument consists of three main parts: a demographic core, a non-demographic core, and the main substantive theme or themes.

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

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

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

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

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

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

4. MANAGEMENT AND ORGANIZATION

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

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

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

The Working Group for the Spring 2005 survey was comprised of:

Mark Wilson, Professor, Dept. of Geography, MSU

David Plank, Professor of Education, Director, Education Policy Center, MSU

Mammadou Dian Bah, Hubert H. Humphrey Fellow, MSU

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2005 series of surveys:

Organizations

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

Michigan State University

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

6. DISSEMINATION OF RESULTS

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

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

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

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

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

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

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

7. SAMPLE DESIGN

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

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

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

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

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

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, we have elected to continue using the original regional configuration as the basis for the stratified sampling design of each survey. We 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 is to reduce costs, increase response rates, and shorten the field period needed to complete each survey. The revised strategy is similar to that used on the University of Michigan's Survey of Consumer Attitudes. A portion of the sample of interviews is derived from a new random-digit dial sample of phone numbers in the state. The details of this are described below. The other portion of the sample of completed interviews (roughly 40%) is derived from re-interviews of individuals who had been interviewed in the previous round of SOSS and who had agreed to be re-contacted. Roughly 90% of all respondents in each round of SOSS agree to be re-contacted. Re-interviewing individuals who constituted a representative random sample of the state's adults should still constitute a representative random sample several months later if adjustments for any non-response are made. Limiting the portion of SOSS-38's sample of completed interviews derived from re-interviews with SOSS-37 participants to less than half of the total number of SOSS-38 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-38 were selected using list-assisted random-digit dial sampling procedures. Those being re-interviewed had been sampled and selected in this same manner when they were first recruited to participate in the previous round of SOSS. Ordinarily, the initial sample of randomly generated telephone numbers is purchased from Survey Sampling, Inc (SSI). SSI begins the process of generating phone numbers with the list of all working area code and phone number exchange combinations. In the case of this study, this universe was constrained to include only those that are active in the state of Michigan. From within this list of possible phone numbers, SSI eliminates those banks of numbers represented by the 4-digit suffix that are known to be unused or are known to be used only by institutions. To improve the efficiency of the calling, we have begun to have SSI stratify this sampling frame into two strata initially, one comprised of all phone numbers that are listed in phone directories, and the other comprised of all phone numbers that are not listed in directories but which are members of banks in which at least one phone number is listed. We then request that SSI over-sample phone numbers from the listed stratum. Telephone numbers are selected at random in proportion to the number of households in each county from all those numbers remaining as possible numbers until the total number of numbers needed within a particular geographic grouping of counties is obtained.

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

To determine the total number of telephone numbers to have SSI generate in order to achieve the desired sample sizes within regions of the state, OSR divided the number of completed interviews desired by the product of (a) the proportion of numbers expected to be working household numbers (the Hit Rate), (b) the proportion of household numbers that would contain an eligible respondent (the Eligibility Rate), and (c) the proportion of households with eligible respondents who would complete the interview in the time period available (the Completion Rate). For SOSS-38, a total of 4,322 phone numbers were used, 550 in the re-contact segment and 3,772 in the new RDD segment. The working phone rate across the two segments was 71.7% (91.5% in the re-contact segment, 68.8% in the new RDD segment).

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

The typical sampling design for SOSS calls for approximately 150 interviews from the East Central Region, the Southwest Region, and the combined Upper Peninsula and Northern Lower Peninsula Regions. Approximately two hundred interviews are to be completed in the West Central Region and the Southeast Region. And approximately 150 interviews are to be completed from the City of Detroit. The total sample size is to be approximately 1,000.

Sample Weights. Because of the split sample approach, we have weighted each segment, i.e., the re-interview segment and the new RDD segment) separately and then combined them into a single file. Each segment is weighted to be representative of the geographic regions and the state as a whole. The details for weighting each segment are provided below.

Because of the stratification (i.e., geographic strata, listed vs. not-listed phone number strata) and the unequal sampling rates across the strata, it is necessary to use "weights" to bring the characteristics of the sample into line with those of each region, or with those of the state as a whole (depending on the purpose of the analysis). Accordingly, the data files contain weights for the 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 had an equal probability of selection or is represented in the data set as having had equal probabilities of being selected. However, since households with multiple phone lines have more chances of being selected into the sample than those with only one phone line, this source of unequal chances has to be adjusted for in analyzing the data. Consequently, the interview included a question asking respondents how many separate phone numbers the household has. In the event of item non-response, the number of phone lines was assumed to be one. Each case was

then weighted by the reciprocal of the number of phone numbers and then adjusted so that the total number of cases matched the actual number of completed interviews. In the data set this weight is named PHWT.

Similarly, an adult in a two-adult household would have half the chance of being selected to be interviewed as would the only adult in a single adult household. This, too, requires adjustment to correct for unequal probabilities of selection. The interview included a question as to the number of persons 18 years of age or older living in the household. In the event of item non-response, the household was assumed to have only one adult. Each case was then weighted by the inverse of its probability of selection within the household, or by the number of adults in the household. This was then also adjusted so that the total number of weighted cases matched the actual number of completed interviews. In the data set, this weight is named ADLTWT.

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

For the State of the State Survey, cases were weighted so that the proportions of white males, African American males, Other Racial Group males, white females, African American females, and Other Racial Group females in the sample for each region matched the proportions each of these groups represent in the adult population of each 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 continued to be a separate stratum to this point, but a new variable MSUEREGN was constructed to fold Detroit proportionately into the Southeast region within that variable. A new weighting variable (MSUEWT) was constructed to represent Detroit proportionately correctly within the southeast MSUEREGN.

Since the sample was drawn disproportionately across 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. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the data weighted by ADJWT. **To compare directly the original MSUE regions**, the data should be weighted by MSUEWT.

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 grouping (including Detroit as a separate region) in a variable MSUE2005. The race x sex x age profile of the sample (weighted by adlwt) 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:

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

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

<u>REGION</u>	<u>Number of Cases</u>	<u>Margin of Sampling Error</u>
Upper Peninsula	57	± 13.1%
Northern Lower Peninsula	83	± 10.8%
West Central	195	± 7.0%
East Central	141	± 8.3%
Southwest	154	± 7.9%
Southeast	203	± 6.9%
<u>Detroit</u>	<u>116</u>	<u>+ 9.1%</u>
Statewide Total	949	± 3.2%

8. FIELD PROCEDURES

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

The CASES software enables the interview to be fully programmable. The software integrates both closed-ended questions and open-ended questions. The software allows interviewers to record notes along with responses to closed questions. By default, the software moves directly from one item to the next in the sequence unless specific program commands are inserted to direct the execution path elsewhere. Different skip commands can be associated with separate responses to the same questions. For example, the interview can be directed to a separate battery of follow-up responses if the respondent answers "<1> YES" to a question on smoking cigarettes, and to an entirely different series of questions if the respondent answers "<5> NO." Commands can also be inserted between questions to direct the interview to a particular battery of questions based on the combination of responses to two or more previously answered questions. The programming features minimize the opportunities

for many errors since inappropriate questions will not be asked and, as a result, appreciably less editing is necessary after the interview.

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

Experienced interviewers received approximately two hours of study specific training to acquaint them with the study protocols, the interview instrument, and the objectives of the various questions. New interviewers were also given this information as a part of their training. Approximately 42 different interviewers were involved in data collection on the 38th State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on May 28 and continued through the July 18, 2005.

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

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

The average interview lasted approximately 16.5 minutes (standard deviation=5.5) with a median of 15 minutes.

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

Completion Rate. A total of 949 interviews were completed. The overall completion rate among eligible households for the study was 46.4% (37.6% in the new RDD segment and 76.2% in the re-contact segment).¹

Of those completing the interview, the mean number of calls required was 4.0 (4.22 among the re-contact cases and 3.90 among the new RDD cases). Interviewers made a total of 25,266 calls to complete the 949 interviews.

The refusal rate was 16.7%.

9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

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

10. DATA FORMAT AND ARCHIVING

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

¹ This is based on computation and classification coding developed by the advisory team for SOSS. Since then, the American Association of Public Opinion Research has published Standard Definitions as a guide to developing more nearly standard formulas for computing response rates, cooperation rates, refusal rates, and contact rates. Using AAPOR's formula RR4, the response rate for SOSS-38 was 42.9%, the refusal rate (REF2) was 14.6%, the cooperation rate was 74.67%, and the contact rate was 88.3%.

11. APPENDIX

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

Weighting Program for 2000 Census Profile of Michigan (MSUSOSS 38
Spring, 2005 MSUE Regions)

Table 1. Phone Lines

Table 2. Number of Adults in Household

Table 3. Adjustment for Over-Sampled Counties

Table 4. Weighting for Race and Gender within Regions

Table 5. Weighting by Age within Region

Table 6. Weighting to fold Detroit into Southeast Region

Table 7. Weighting across Regions for Statewide Estimates

Table 8. Weighting by Race

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

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

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

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

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

12. QUESTIONNAIRE (Spring, 2005)

>CONSENT< [loc 0/550]

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

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

[yellow]READ ONLY IF NECESSARY:

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

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

[@] <1> CONSENT READ AND RECORDED

>education< [allow 4] [copy education in education]
>educstart< [allow 4] [copy educstart in educstart]
>educstop< [allow 4] [copy educstop in educstop]
>edstart1< [allow 4] [copy edstart1 in edstart1]
>edstop1< [allow 4] [copy edstop1 in edstop1]
>educ2< [allow 4] [copy educ2 in educ2]

>volunteer< [allow 4] [copy volunteer in volunteer]
>volstart< [allow 4] [copy volstart in volstart]
>volstop< [allow 4] [copy volstop in volstop]
>silver< [allow 4] [copy silver in silver]
>startsilver< [allow 4] [copy startsilver in startsilver]
>stopsilver< [allow 4] [copy stopsilver in stopsilver]

>ID1< [allow 5][loc 18/1][#store csid in ID1][copy ID1 in ID1]
>R1< [allow 1][#preset <1>] [copy R1 in R1]
>cnty< [allow 5][#inputloc 1/23][copy cnty in cnty]
>regn< [allow 1][#inputloc 1/29][copy regn in regn]

- 1 upper pen
- 2 northern
- 3 west central
- 4 east central
- 5 southwest
- 6 southeast
- 7 Detroit

>listed< [allow 1][#inputloc 1/120][copy listed in listed] 1=listed 2=unlisted
>random1< [allow 1][#inputloc 1/30][copy random1 in random1] random number

>CC1<

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

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

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

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

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

>CC2<

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

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

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

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

>CC3<

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

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

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

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

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

>CC4<

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

GO UP.....1
GO DOWN3
STAY ABOUT THE SAME.....5 @

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

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

>CC5<

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

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

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

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

>CC6<

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

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

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

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

>P01<

The next few questions are about our elected officials and different levels of government.

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

>P02<

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< [#settime startsilver]

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[goto NQ1]
<4> NOT CONCERNED AT ALL[goto NQ1]
<8>[missing][goto NQ1] DON'T KNOW <9>[missing][goto NQ1] REFUSED

>SEC4a<

What is causing you to be concerned about the possibility of another terrorist attack?

[yellow]IWER: PROBE WITH: "Anything else?" [n]

CONCERNS: 1st MENTION.....0 @a
CONCERNS: 2nd MENTION.....0 @b

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

[@a] <0> CONCERNS: SPECIFY[#specify]
<98> DO NOT KNOW[missing] <99> REFUSED[missing]
[@b] <0> CONCERNS: SPECIFY[#specify] <90>
<98> DO NOT KNOW[missing] <99> REFUSED[missing]

>NQ1< [#settime stopsilver]

The next couple of questions are about the United State's relationship with other countries. There are 55 African countries. Can you give me the name of the African country that you are the most familiar with?

1..ALGERIA	14..COTE D'IVORIE	27..LIBERIA	45.SOMALIA
2..ANGOLA	15..DJIBOUTI	28..LIBYA	46.S. AFRICA
3..BENIN	16..EQYPT	29..MADAGASCAR	47 SUDAN
4..BOTSWANA	17..EQUATORIAL GUINEA	30..MALAWI	48.SWAZILAND
5..BURKINA FASO	18..ERITREA	31..MAURITANIA	49.TANZANIA
6..BURUNDI	19..ETHIOPIA	32..MAURITIUS	50.TOGO
7..CAMEROON	20..GABON	33..MOROCCO	51.TUNISIA
8..CAPE VERDE	21..GAMBIA	34..MONZAMBIQUE	52.UGANDA
9..CENTRAL AFRICAN REP	22..GHANA	35..NAMIBIA	53.W. SAHARA
10..CHAD	23..GUINEA	36..NIGER	54.ZAMBIA
11..COMOROS	24..GUINEA-BISSAAU	37..NIGERIA	55.ZIMBABWE
12..CONGO (BRAZZAVILLE)	25..KENYA	38..REUNION	
13..CONGO (DRC,ZAIRE)	26..LESOTHO	39..RWANDA	
		40..SAO TOME & PRINCIPE	
90..NAMED COUNTRY NOT IN AFRICA		41..SENEGAL	
98..DO NOT KNOW/NOT SURE		43..SEYCHELLES	
99..REFUSED		44..SIERRA LEONE	@

[@] <1-55> <90> NAMED COUNTRY NOT IN AFRICA 0 AFRICAN COUNTRY[#specify]
<98> DO NOT KNOW[missing] <99> REFUSED [missing]

>NQ2<

In general, should the US Government, through the use of incentives, encourage US companies to do more, about the same, or less business (trade) with African countries?

[yellow]IWER: USE THIS PROBE: "Incentives include tax breaks and subsidies for US businesses." [n]

MORE BUSINESS1 @
THE SAME AMOUNT.....3
LESS BUSINESS5

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

[@] <1> MORE BUSINESS <3> THE SAME AMOUNT OF BUSINESS <5> LESS BUSINESS
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>NQ3<

Africa is often seen as a continent of civil wars, famine, starvation,
and HIV epidemics.

Are you also aware that many African countries produce oil and export it
to the US?

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

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

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

>NQ4<

In order to meet its oil needs, should the US Government, through the use
of incentives, encourage US companies to do more, about the same, or
less business (trade) with African countries?

[yellow]IWER: USE THIS PROBE: "Incentives include tax breaks and subsidies
for US businesses." [n]

MORE BUSINESS1 @
THE SAME AMOUNT.....3
LESS BUSINESS5

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

[@] <1> MORE BUSINESS <3> THE SAME AMOUNT OF BUSINESS <5> LESS BUSINESS
<8> DO NOT KNOW[missing] <9> REFUSED [missing]

>ta1< [#settime volstart]

This next section is about charitable giving and volunteering.

I would like to read you some statements about charitable organizations
and have you tell me to what extent you agree or disagree with each.

The need for charitable organizations is greater now than five years ago.

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

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

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

[@] <1> STRONGLY AGREE <2> SOMEWHAT AGREE <3> SOMEWHAT DISAGREE
<4> STRONGLY DISAGREE

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

>ta2<

Charitable organizations are more effective now in providing services than
they were five years ago.

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

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

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

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

>ta3<

I place a low degree of trust in charitable organizations.

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

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

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

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

>ta4<

Most charitable organizations are honest and ethical in their use of donated funds.

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

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

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

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

>ta5<

Generally, charitable organizations play a major role in making our communities better places to live.

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

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

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

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

>ta6<

On the whole, charitable organizations do not do a very good job in helping those who need help.

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

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

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

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

>v1<

Now, thinking about your [green]own[n] charitable giving . . .

Did you or members of your family or household contributed money, property, or both to a charity or non-profit organization last year, that is in 2004?

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

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

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

>N2<

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

A church, synagogue, or other place of worship?

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

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

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

>N3<

Social services agencies or organizations?

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

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

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

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

>N4<

The United Way?

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

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

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

>N5<

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

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

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

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

>N6<

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

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

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

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

>N7<

Faith-based organizations? (Such as organizations that run nursing homes, hospices, missions, soup kitchens or summer camps for children).

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

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

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

>N8<

Community foundations?

[yellow]IWER: USE IF NECESSARY:

A community foundation is an organization that collects money and uses it for the good of the community -- Community Foundation of Southwest Michigan[n]

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

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

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

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

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

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

[yellow]IWER: IF DON'T KNOW ABOUT OTHER'S GIVING IN HOUSEHOLD PRBOE: "Well, then approximately what do you contribute each year?"[n]

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

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

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

>v4<

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

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

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

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

>v5<

Next, I have some questions about volunteer activities.

[green]Last year, [green]that is, in 2004[n], did you volunteer for any type of organization?

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

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

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

>V3<

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

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

DO NOT KNOW.....8

REFUSED.....9

[@] <1> YES <5> NO[goto av1]
<8> DO NOT KNOW[missing][goto av1] <9> REFUSED [missing][goto av1]

>pastvol<

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

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

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

[@] 0 OTHER: SPECIFY[#specify]

<1> TOO BUSY/NO TIME <2> KIDS NO LONGER INVOLVED <3> LAZY/UNMOTIVATED
<4> HEALTH REASONS/ILLNESS/DISABILITY <5> AGE/TOO OLD <6> NO LONGER INTERESTED
<7> ORGANIZATION DEFUNCT <97> OTHER: MISCELLANEOUS
<8> CHOOSE NOT TO/PERSONAL CHOICE
<98> DO NOT KNOW[missing] <99> REFUSED[missing]
[default goto av1]

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

On average, approximately how many hours do you volunteer in a
[green]month[n]?

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

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

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

>V4a<

Next, I would like to list some different areas in which people do
volunteer activities. Please tell me in which, if any, of the following
areas you volunteered last year (that is, in 2004)?

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

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

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

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

>V5a<

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

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

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

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

>V6a<

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

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

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

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

>V7a<

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

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

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

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

>V8a<

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

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

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

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

>V10a<

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

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

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

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

>V12a<

A political organization or campaign (such as the Democratic or Republican parties)?

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

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

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

>V13a<

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

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

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

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

>volpref<

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

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

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

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

>volopp<

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

WORD OF MOUTH/FAMILY/FRIENDS.....1 @
KIDS INVOLVED IN ACTIVITY.....2
CHURCH.....3
SCHOOL/PRESCHOOL.....4
ALREADY INVOLVED WITH ORGANIZATION/
PROGRAM.....5
WORK/JOB.....6
MEDIA - TV, RADIO, NEWSPAPER.....7
MAILINGS/FLYERS SENT IN MAIL.....8
INTERNET.....9
SOCIAL SERVICE ORGANIZATION.....10

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

[@] <1> WORD OF MOUTH/FAMILY/FRIENDS <2> KIDS INVOLVED IN ACTIVITY
<3> CHURCH/RELIGIOUS ORGANIZATION <4> SCHOOL/PRESCHOOL
<5> ALREADY INVOLVED WITH ORGANIZATION/PROGRAM <6> WORK/JOB
<7> MEDIA -TV, RADIO, NEWSPAPER <8> MAILINGS/FLYERS SENT IN MAIL
<9> INTERNET <10> SOCIAL SERVICE ORGANIZATION
<97> MISCELLANEOUS <98> DO NOT KNOW <99> REFUSED

>v8<

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

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

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

[@] <1> MORE[goto av1] <3> LESS <5> ABOUT THE SAME[goto av1]
<8> DO NOT KNOW[missing][goto av1] <9> REFUSED [missing][goto av1]

>volless<

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

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

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

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

>av1< [if v1 eq <5> and v5 eq <5> goto w1]

Next, for each of the following, please tell me how much each has influenced your decision to volunteer or give to charity.

Your family?

Would you say they have influenced your decision to volunteer or give to charity a great deal, some, a little or none at all?

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

NOT APPLICABLE/NO FAMILY.....7

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

[@] <1> A GREAT DEAL <2> SOME <3> A LITTLE <4> NONE AT ALL
<7> NOT APPLICABLE/NO FAMILY <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>av2<

Your friends?

(Would you say they have influenced your decision to volunteer or give to charity a great deal, some, a little or none at all?)

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

NOT APPLICABLE/NO FRIENDS.....7

DO NOT KNOW.....8

REFUSED.....9

[@] <1> A GREAT DEAL <2> SOME <3> A LITTLE <4> NONE AT ALL
<7> NOT APPLICABLE/NO FRIENDS <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>av3<

Your school or the school that your children or neighborhood children attend?

(Would you say it has influenced your decision to volunteer or give to charity a great deal, some, a little or none at all?)

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

NOT APPLICABLE/NO CHILDREN.....7

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

[@] <1> A GREAT DEAL <2> SOME <3> A LITTLE <4> NONE AT ALL
<7> NOT APPLICABLE/NO CHILDREN <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>av4<

Your co-workers or supervisor?

(Would you say they have influenced your decision to volunteer or give to charity a great deal, some, a little or none at all?)

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

NOT APPLICABLE/DO NOT WORK.....7

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

[@] <1> A GREAT DEAL <2> SOME <3> A LITTLE <4> NONE AT ALL
<7> NOT APPLICABLE/DO NOT WORK <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>av5<

Your church, synagogue, or another religious organization?

(Would you say it has influenced your decision to volunteer or give to charity a great deal, some, a little or none at all?)

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

NOT APPLICABLE/DON'T ATTEND CHURCH...7

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

[@] <1> A GREAT DEAL <2> SOME <3> A LITTLE <4> NONE AT ALL
<7> NOT APPLICABLE/DO NOT ATTEND CHURCH <8> DO NOT KNOW[missing] <9> REFUSED[missing]

>w1< [loc 19/1]

The next questions are about estate planning.

Do you currently have a will?

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

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

[@] <1> YES [goto w2] <5> NO
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>w1a<

Do you plan to establish a will within the next year?

YES.....1 @
NO5

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

[@] <1> YES <5> NO
<8> DO NOT KNOW [missing] <9> REFUSED [missing]
[default goto e1a]

>w2<

Have you ever made a monetary gift, (that is made a contribution)
to the endowment fund of a charity?

YES.....1 @
NO5

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

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

>w3< [if w1a ge <5> goto e1a]

Does your current will include any provisions for making any kind
of monetary contributions to a charity?

YES.....1 @
NO5

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

[@] <1> YES <5> NO[goto e1a]
<8> DO NOT KNOW [missing][goto e1a] <9> REFUSED [missing][goto e1a]

>w4<

Is it to the charity's endowment fund?

YES.....1 @
NO5

DO NOT KNOW.....8

REFUSED.....9

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

>ela< [#settime volstop]#time educstart]

The next few questions are about education and Michigan schools.

Students are often given the grades, A, B, C, D, and F as well as a plus or minus to indicate the quality of their work. Suppose the public schools in Michigan were graded in the same way.

What grade would you give the [green]state's[n] public schools?

A+.....	1	C+.....	7
A	2	C.....	8
A-	3	C-.....	9
B+	4	D+.....	10
B	5	D.....	11
B-.....	6	D-.....	12
F.....	13	@	

DO NOT KNOW.....98

REFUSED.....99

[@]<1> A+ <2> A <3> A- <4> B+ <5> B <6> B- <7> C+ <8> C <9> C-
<10> D+ <11> D <12> D- <13> F <98>[missing] DON'T KNOW
<99>[missing] REFUSED

>elb<

Suppose the public schools in your community were graded in the same way.

What grade would you give [green]your local[n] public schools?

A+.....	1	C+.....	7
A	2	C.....	8
A-	3	C-.....	9
B+	4	D+.....	10
B	5	D.....	11
B-.....	6	D-.....	12
F.....	13	@	

DO NOT KNOW.....98

REFUSED.....99

[@]<1> A+ <2> A <3> A- <4> B+ <5> B <6> B- <7> C+ <8> C <9> C-
<10> D+ <11> D <12> D- <13> F <98>[missing] DON'T KNOW
<99>[missing] REFUSED

>E3<

The next few questions are about Charter Schools.

How familiar are you with the concept of Charter Schools?

Would you say you are very familiar, somewhat familiar, not very familiar, or not familiar at all with the concept of Charter Schools?

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

DO NOT KNOW.....8

REFUSED.....9

[@] <1> VERY FAMILIAR <2> SOMEWHAT FAMILIAR <3> NOT VERY FAMILIAR
<4> NOT FAMILIAR AT ALL[goto E4]
<8> DO NOT KNOW[missing][goto E4] <9> REFUSED [missing][goto E4]

>E3a< [define <t><1>][define <n><2>][define <f><3>][define <4>]

Where do you get most of your information about Charter Schools?

[if random1 eq <1>]

From TV and radio, newspapers, friends or neighbors, brochures from local Charter Schools, or some other source?

TV AND RADIO.....t
NEWSPAPERS/PUBLICATIONS.....n
FRIENDS/FAMILY/NEIGHBORS.....f
BROCHURES FROM CHARTERS.....b

[endif]

[if random1 eq <2>]

From newspapers, friends or neighbors, brochures from local Charter schools, TV and radio, or some other source?

NEWSPAPERS/PUBLICATIONS.....n
FRIENDS/FAMILY/NEIGHBORS.....f
BROCHURES FROM CHARTERS.....b
TV AND RADIO.....t

[endif]

[if random1 eq <3>]

From friends or neighbors, brochures from local Charter schools, TV and radio, newspapers, or from some other source?

FRIENDS/FAMILY/NEIGHBORS.....f
BROCHURES FROM CHARTERS.....b
TV AND RADIO.....t
NEWSPAPERS/PUBLICATIONS.....n

[endif]

[if random1 eq <4>]

From brochures from local Charter schools, TV and radio, newspapers, friends or neighbors, or from some other source?

BROCHURES FROM CHARTERS.....b
TV AND RADIO.....t
NEWSPAPERS/PUBLICATIONS.....n
FRIENDS/FAMILY/NEIGHBORS.....f

[endif]

TEACHERS/SCHOOL OFFICIALS,ETC..5
MULTIPLE SOURCES.....6
MISCELLEANOUS.....7 @

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

[@]<t> TELEVISION AND RADIO <n> NEWSPAPERS <f> FRIENDS OR NEIGHBORS
 BROCHURES FROM LOCAL CHARTER SCHOOLS
<5> TEACHERS/SCHOOL OFFICIALS, ETC <6> MULTIPLE SOURCES <7> MISCELLANEOUS
0 OTHER SOURCE[#specify]
<8> DO NOT KNOW [missing] <9> REFUSED [missing]

>E3b<

Which of these terms [green]best[n] describes Charter Schools?

[if random1 le <2>]

Are Charter Schools public schools, private schools, or something else (neither private nor public)?

[endif]

[if random1 ge <3>]

Are Charter Schools private schools, public schools, or something else (neither private nor public).

[endif]

PUBLIC SCHOOLS..... 1 @
PRIVATE SCHOOLS.....5

SOMETHING ELSE.....7

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

[@] <1> PUBLIC SCHOOLS <5> PRIVATE SCHOOLS <7> SOMETHING ELSE
<8> DO NOT KNOW[missing] <9> REFUSED[missing]

>E4<

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

Do you favor or oppose charter schools in Michigan?

FAVOR.....1 @
INDIFFERENT:(VOLUNTEERED RESPONSE).3
OPPOSE.....5

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

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

>CD1< [#settime educstop]

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

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

[@]<1> MALE <5> FEMALE

>CD2<

In what year were you born?

Year.....19 @

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

[@] <00-87> <d,r>[missing]

>CD3<

What is the highest level of education you have completed?

DID NOT GO TO SCHOOL0
GRADE.....1-11
HIGH SCHOOL GRADUATE OR GED HOLDER.....12
COLLEGE (ONE TO THREE YEARS).....13-15
COLLEGE GRADUATE (FOUR YEARS)16
SOME POST GRADUATE17
GRADUATE DEGREE.....18
TECHNICAL/JUNIOR COLLEGE GRADUATE.....20 @

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

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

>CD5a<

Are you of Hispanic, Latino, or Spanish origin?

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

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

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

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

What is your race?

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

y/n/d/r

White?.....@a
African American or Black?.....@b
Hawaiian or other Pacific Islander?....@c
Asian?.....@d
American Indian or Alaska Native?.....@e

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

>CD6<

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

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

NONE; NO RELIGIOUS GROUP.....0 @
CATHOLIC; ROMAN CATHOLIC, ORTHODOX.....1
ISLAMIC/MUSLIM.....2
JEWISH.....3
PROTESTANT.....4
(baptist, methodist, christian reformed, lutheran, presbyterian
weslyan, episcopalian, "christian"
OTHER NON-CHRISTIAN (Hindu, Buddhist, ...5
(taoists, witches, etc)
OTHER CHRISTIAN7
OTHER: UNABLE TO CLASSIFY.....8

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

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

>CD7<

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

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

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

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

[if CD7@a eq <1>]

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

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

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

[endif]

[if CD7@a eq <7>]

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

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

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

[endif]

[if CD7@a eq <4>]

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

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

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

[endif]

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

>partyid< [allow 1]

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

>P17<

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

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

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

[if P17@a eq <1>]

Would you consider yourself very conservative or somewhat conservative?

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

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

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

Would you consider yourself 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
OTHER0 @

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

[@]<1> MARRIED <2> DIVORCED <3> SEPARATED <4> WIDOWED <5> MEMBER UNMARRIED COUPLE
<6> SINGLE NEVER BEEN MARRIED 0 [#specify] <8> 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< [#settime edstart1]

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

CHILDREN.....0-7 @

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

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

>CD12<

How many of the children in your household are between the ages of 5 and 17?

CHILDREN.....0-7 @

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

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

>attend1< [if CD12 ge <2> goto attend2]

Does your child attend . . .

A Michigan public school, a private or religious school, a charter school, an alternative school, a home-based school, or are they not in school?

A MICHIGAN PUBLIC SCHOOL.....1 @
A PRIVATE OR RELIGIOUS SCHOOL.....2
A CHARTER SCHOOL.....3
AN ALTERNATIVE SCHOOL.....4
A HOME-BASED SCHOOL.....5
NOT IN SCHOOL.....6

[@] <1> A MICHIGAN PUBLIC SCHOOL <2> A PRIVATE OR RELIGIOUS SCHOOL
<3> A CHARTER SCHOOL <4> AN ALTERNATIVE SCHOOL <5> A HOME-BASED SCHOOL

<6> NOT IN SCHOOL
<8> DO NOT KNOW[missing] <9> REFUSED [missing]
[default goto CD15]

>attend2< [define <y><1>][define <n><5>][define <d><8>][define <r><9>]
[open attend2][optional all][default answer <n> all]

Which type of school do your children attend?

(A Michigan public school, a private or religious school, a charter school,
an alternative school, a home based school, or are they not in school)?

[yellow]IWER: RECORD WHICH SCHOOLS BY HITTING 'y' FOR YES, THE DEFAULT
ANSWER IS 'n'[n]

y/n/d/r
a Michigan public school?.....@a
a private or religious school?.....@b
a charter school?.....@c
an alternative school?.....@d
a home based school?.....@e
not in school?.....@f

[@a]<y,n> MICHIGAN PUBLIC SCHOOL <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@b]<y,n> A PRIVATE OR RELIGIOUS SCHOOL <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@c]<y,n> A CHARTER SCHOOL <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@d]<y,n> AN ALTERNATIVE SCHOOL <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@e]<y,n> A HOME BASED SCHOOL <d> DO NOT KNOW[missing] <r> REFUSED [missing]
[@f]<y,n> NOT IN SCHOOL <d> DO NOT KNOW[missing] <r> REFUSED [missing]

>CD15< [#settime edstop1]

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
MISCELLANEOUS.....90
DON'T KNOW.....98
REFUSED.....99

[@] 0 [#specify] <1> WORK FULL TIME <2> WORK PART TIME <3> WORK AND GO TO SCHOOL
<4> IN THE ARMED FORCES] <5> JOB, DID NOT WORK LAST WEEK <6> UNEMPLOYED
<7> RETIRED <8> SCHOOL FULL-TIME <9> HOMEMAKER <10> DISABLED
<98> DO NOT KNOW [missing]<90> MISCELLANEOUS <99> REFUSED [missing]

>UN1< [if CD15 ge <6> goto UN2]

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

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

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

>UN2<

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

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

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

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

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

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

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

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

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

>inca<

To get a picture of people's financial situations, we'd like to know the general [green]range of incomes[n] of all households we interview. This is for statistical analysis purposes and your answers will be kept strictly confidential. Now, thinking about your [green]household's[n] total annual income from all sources (including your job), did your household receive \$30,000 or more in 2004?

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

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

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

>incb<

Was it less than \$20,000?

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

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

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

>incc<

Was it less than \$10,000?

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

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

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

```

>incd<
    Was it $60,000 or more?
        YES..... 1
        NO.....5 @

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

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

>ince<
    Was it $40,000 or more?
        YES..... 1
        NO.....5 @ ($30,000-39,999)

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

>incf<
    Was it $50,000 or more?
        YES..... 1 ($50,000-59,999)
        NO.....5 @ ($40,000-49,999)

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

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

>incg<
    Was it more than $70,000?
        YES..... 1 ($70,000 or more)
        NO.....5 @ ($60,000-69,999)

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

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

>income< [allow 1]

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

```



```

$30,000-39,999
[if ince eq <5>][store <4> in income][endif] $40,000-49,999
[if incf eq <1>][store <6> in income][endif] $50,000-59,999
[if incf eq <5>][store <5> in income][endif]
[if incg eq <5>][store <7> in income][endif] $60,000-69,999
[if incg eq <1>][store <8> in income][endif] $70,000 or more

```

>CD26<

How many phone lines does your household have, excluding any phone lines that are dedicated fax or computer lines, or 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?

[yellow]IWER: IT IS STANDARD WHEN THE R ASKS FOR A DEFINITION AND ONE IS NOT PROVIDED TO USE "Whatever it means to you"[n]

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> [#specify]
<98> DO NOT KNOW [missing] <99>[missing]

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

What is your zip code?

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

Zip code.....48000-49999 @

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

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

>RI< [loc 20/1]

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

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

DO NOT KNOW.....8

REFUSED.....9

[if RI@a eq <1>]

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

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

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

YES..... 1

NO.....5 @c

[endif]

[if RI@c eq <1>]

What is that number, starting with the area code? @d

[endif]

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

 [@b] [allow 15]

 [@c] <1> YES <5>[goto out]

 [@d] [allow 10][input format <() - >]

>out< [#subtime educstart from educstop into education]
 [#subtime volstart from volstop into volunteer]
 [#subtime startsilver from stopsilver into silver]
 [#subtime edstart1 from edstart1 into educ2]
 [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

ITILE "Michigan State of the State 38".

DATA LIST fixed records=3

FILE='q:\msusos38\productn\list\c-inst\list.dat' /* Replace 'x' with name of your
input data file

```
/1      CASEID 1-5          ID1 1-5 (A)          R1 6 (A)
      cnty 7-11 (A)      regn 12          listed 13
      random1 14        CC1 15          CC2 16
      CC3 17            CC4 18          CC5 19
      CC6 20            PO1 21          PO2 22
      SEC4 23           SEC4a@a 24-25    SEC4a@b 26-27
      NQ1 28-29         NQ2 30          NQ3 31
      NQ4 32            ta1 33          ta2 34
      ta3 35            ta4 36          ta5 37
      ta6 38            v1 39           N2 40
      N3 41             N4 42           N5 43
      N6 44             N7 45           N8 46
      N9 47-51         v4 52           v5 53
      V3 54             pastvol 55-56    voltime 57-59
      V4a 60            V5a 61          V6a 62
      V7a 63            V8a 64          V10a 65
      V12a 66           V13a 67         volpref 68
      volopp 69-70     v8 71           volless 72-73
      av1 74            av2 75          av3 76
      av4 77            av5 78

/2      w1 1             w1a 2           w2 3
      w3 4             w4 5            ela 6-7
      elb 8-9          E3 10           E3a 11
      E3b 12           E4 13           CD1 14
      CD2 15-17        CD3 18-19       CD5a 20
      CD4a@a 21        CD4a@b 22       CD4a@c 23
      CD4a@d 24        CD4a@e 25       CD6 26-27
      CD7@a 28         CD7@b 29       CD7@c 30
      CD7@d 31         partyid 32      P17@a 33
      P17@b 34         P17@c 35       P17@d 36
      ideology 37      CD8 38          CD10 39-40
      CD11 41          CD12 42         attend1 43
      attend2a 44      attend2b 45     attend2c 46
      attend2d 47      attend2e 48     attend2f 49
      CD15 50-51       UN1 52          UN2 53
      UN3 54           inca 55         incb 56
      incc 57          incd 58         ince 59
      incf 60          incg 61         income 62
      CD26 63          X1 64-65       zipcode 66-70

/3      RI@a 1          contacts 28-29 (A) length 30-33 (A)
      idate 34-41 (A)  iwer 42-44 (A)  males 45-46 (A)
      females 47-48 (A)
```

VARIABLE LABELS

```
CASEID 'case identification number' /
ID1 'Case ID' /
R1 'Data Record' /
cnty 'county' /
regn '1 upper pen' /
listed 'Sample' /
random1 'random number' /
CC1 'Past Financial' /
CC2 'Future Financial' /
CC3 'Current Financial' /
CC4 'Inflation Rate' /
CC5 'Unemployment Rate' /
CC6 'Business Conditions' /
PO1 'Bush Approval' /
PO2 'Granhold Approval' /
SEC4 'Concern Terrorism' /
SEC4a@a 'Causes of Concern - 1st Mention' /
```

SEC4a@b 'Causes of Concern - 2nd Mention' /
 NQ1 'African Nation' /
 NQ2 'US Encourage Business' /
 NQ3 'African Oil Producing' /
 NQ4 'US Encourage Business Oil' /
 ta1 'Need Charitable Organization' /
 ta2 'Charitable Organizations More Effective' /
 ta3 'Low Degree Trust' /
 ta4 'Charitable Organizations Honest/Ethical' /
 ta5 'Role Improving Communities' /
 ta6 'Poor Job Delivering Services' /
 v1 'Donate Charity - 2004' /
 N2 'Church, Synagogue/Other Worship' /
 N3 'Social Services Agencies' /
 N4 'The United Way' /
 N5 'Youth or Children's Organizations' /
 N6 'Education Organizations' /
 N7 'Faith-based organizations' /
 N8 'Community Foundations?' /
 N9 'Total Contributions - Dollars' /
 v4 'Contribute More/Less' /
 v5 'Volunteer 2004 (Current)' /
 V3 'Past Volunteer' /
 pastvol 'Reason No Longer Volunteering' /
 voltime 'Hours Volunteer' /
 V4a 'Volunteer - Health Organization' /
 V5a 'Volunteer - Educational Organization' /
 V6a 'Volunteer - Religious Organization' /
 V7a 'Volunteer - Human Service Organization' /
 V8a 'Volunteer - Environmental Organization' /
 V10a 'Volunteer - Arts Cultural Organizations' /
 V12a 'Volunteer - A Political Organization' /
 V13a 'Volunteer - Youth Development Organization' /
 volpref 'Frequency Volunteer' /
 volopp 'Find Volunteer Opporunties' /
 v8 'Volunteer More/Less' /
 volless 'Reasons Volunteer Less' /
 av1 'Influence - Family' /
 av2 'Influence - Friends' /
 av3 'Influence - School' /
 av4 'Influence - Co-workers or Supervisor' /
 av5 'Influence - Church' /
 w1 'Currently Have Will' /
 w1a 'Planning Will' /
 w2 'Gift Endowment Fund' /
 w3 'Will Provisions Charity' /
 w4 'Will Provisions Endowment Fund' /
 e1a 'Rate Schools Statewide' /
 e1b 'Rate Schools Locally' /
 E3 'Familiarity Charter Schools' /
 E3a 'Information Charter Schools' /
 E3b 'Charter School Description' /
 E4 'Favor/Oppose Charter Schools' /
 CD1 'Gender' /
 CD2 'Year Born' /
 CD3 'Education' /
 CD5a 'Ethnicity' /
 CD4a@a 'Causasian' /
 CD4a@b 'African American or Black' /
 CD4a@c 'Hawaiian or other Pacific Islander' /
 CD4a@d 'Asian' /
 CD4a@e 'American Indian or Alaska Native' /
 CD6 'Religion' /
 CD7@a 'Political Affiliation' /
 CD7@b 'Republican' /
 CD7@c 'Democrat' /
 CD7@d 'Independent' /
 partyid 'Political Identification' /
 P17@a 'Political Ideology' /
 P17@b 'Conservative' /

P17@c 'Liberal' /
 P17@d 'Middle' /
 ideology 'Political Ideology' /
 CD8 'Marital Status' /
 CD10 'Adults' /
 CD11 'Children' /
 CD12 'Children 5-17' /
 attend1 'School Attend (Single Child)' /
 attend2a 'Children - Public School' /
 attend2b 'Children - Private or Religious School' /
 attend2c 'Children - Charter School' /
 attend2d 'Children - An Alternative School' /
 attend2e 'Children - Home Based School' /
 attend2f 'Children - Not in School' /
 CD15 'Employment' /
 UN1 'Union Member' /
 UN2 'Past Union Member' /
 UN3 'Union Household' /
 inca '\$35,000 or More' /
 incb 'Less Than \$20,000' /
 incc 'Less than \$10,000' /
 incd '\$60,000 or More' /
 ince '\$40,000 or More' /
 incf '\$50,000 or More' /
 incg '\$70,000 or More' /
 income 'Income' /
 CD26 'Phone Lines' /
 X1 'Community' /
 zipcode 'Zip Code' /
 RI@a 'Recontact' /
 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' /
 SEC4a@a 0 'CONCERNS: SPECIFY' 98 'DO NOT KNOW' 99 'REFUSED' /
 SEC4a@b 0 'CONCERNS: SPECIFY' 98 'DO NOT KNOW' 99 'REFUSED' /
 NQ1 1 'ALGERIA' 2 'ANGOLA' 3 'BENIN' 4 'BOTSWANA' 5 'BURKINA FASO'
 6 'BURUNDI' 7 'CAMEROON' 8 'CAPE VERDE' 9 'CENTRAL AFRICAN REP'
 10 'CHAD' 11 'COMOROS' 12 'CONGO (BRAZZAVILLE)'
 13 'CONGO (DRC,ZAIRE)' 14 'COTE D'IVORIE' 15 'DJIBOUTI'
 16 'EQYPT' 17 'EQUATORIAL GUINEA' 18 'ERITREA' 19 'ETHIOPIA'
 20 'GABON' 21 'GAMBIA' 22 'GHANA' 23 'GUINEA'
 24 'GUINEA-BISSAAU' 25 'KENYA' 26 'LESOTHO' 27 'LIBERIA'
 28 'LIBYA' 29 'MADAGASCAR' 30 'MALAWI' 31 'MAURITANIA'

32 'MAURITIUS' 33 'MOROCCO' 34 'MONZAMBIQUE' 35 'NAMIBIA'
 36 'NIGER' 37 'NIGERIA' 38 'REUNION' 39 'RWANDA'
 40 'SAO TOME & PRINCIPE' 41 'SENEGAL' 43 'SEYCHELLES'
 44 'SIERRA LEONE' 45 'SOMALIA' 46 'S. AFRICA' 47 'SUDAN'
 48 'SWAZILAND' 49 'TANZANIA' 50 'TOGO' 51 'TUNISIA' 52 'UGANDA'
 53 'W. SAHARA' 54 'ZAMBIA' 55 'ZIMBABWE'
 90 'NAMED COUNTRY NOT IN AFRICA' 98 'DO NOT KNOW' 99 'REFUSED' /
 NQ2 1 'MORE BUSINESS' 3 'THE SAME AMOUNT OF BUSINESS'
 5 'LESS BUSINESS' 8 'DO NOT KNOW' 9 'REFUSED' /
 NQ3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 NQ4 1 'MORE BUSINESS' 3 'THE SAME AMOUNT OF BUSINESS'
 5 'LESS BUSINESS' 8 'DO NOT KNOW' 9 'REFUSED' /
 ta1 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 ta2 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 ta3 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 ta4 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 ta5 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 ta6 1 'STRONGLY AGREE' 2 'SOMEWHAT AGREE' 3 'SOMEWHAT DISAGREE'
 4 'STRONGLY DISAGREE' 8 'DO NOT KNOW' 9 'REFUSED' /
 v1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N4 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N5 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N6 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N7 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N8 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 N9 1 'TOTAL CONTRIBUTIONS' 10000 'TOTAL CONTRIBUTIONS'
 99998 'DO NOT KNOW' 99999 'REFUSED' /
 v4 1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW' 9 'REFUSED' /
 v5 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 pastvol 1 'TOO BUSY/NO TIME' 2 'KIDS NO LONGER INVOLVED'
 3 'LAZY/UNMOTIVATED' 4 'HEALTH REASONS/ILLNESS/DISABILITY'
 5 'AGE/TOO OLD' 6 'NO LONGER INTERESTED' 7 'ORGANIZATION DEFUNCT'
 8 'CHOOSE NOT TO/PERSONAL CHOICE' 97 'OTHER: MISCELLANEOUS'
 98 'DO NOT KNOW' 99 'REFUSED' /
 voltime 0 'HOURS' 500 'HOURS' 998 'DO NOT KNOW' 999 'REFUSED' /
 V4a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V5a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V6a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V7a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V8a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V10a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V12a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 V13a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 volpref 1 'VOLUNTEER ON A WEEKLY/MONTHLY BASIS'
 3 'VOLUNTEER SPECIFIC OR SPECIAL EVENTS' 5 'BOTH'
 8 'DO NOT KNOW' 9 'REFUSED' /
 volopp 1 'WORD OF MOUTH/FAMILY/FRIENDS' 2 'KIDS INVOLVED IN ACTIVITY'
 3 'CHURCH/RELIGIOUS ORGANIZATION' 4 'SCHOOL/PRESCHOOL'
 5 'ALREADY INVOLVED WITH ORGANIZATION/PROGRAM' 6 'WORK/JOB'
 7 'MEDIA -TV,RADIO, NEWSPAPER' 8 'MAILINGS/FLYERS SENT IN MAIL'
 9 'INTERNET' 10 'SOCIAL SERVICE ORGANIZATION' 97 'MISCELLANEOUS'
 98 'DO NOT KNOW' 99 'REFUSED' /
 v8 1 'MORE' 3 'LESS' 5 'ABOUT THE SAME' 8 'DO NOT KNOW' 9 'REFUSED' /
 volless 1 'TOO BUSY/NO TIME' 2 'KIDS NO LONGER INVOLVED'
 3 'LAZY/UNMOTIVATED' 4 'HEALTH REASONS/ILLNESS/DISABILITY'
 5 'AGE/TOO OLD' 6 'NO LONGER INTERESTED' 7 'ORGANIZATION DEFUNCT'
 8 'CHOOSE NOT TO/PERSONAL CHOICE' 97 'OTHER: MISCELLANEOUS'
 98 'DO NOT KNOW' 99 'REFUSED' /
 av1 1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
 7 'NOT APPLICABLE/NO FAMILY' 8 'DO NOT KNOW' 9 'REFUSED' /
 av2 1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
 7 'NOT APPLICABLE/NO FRIENDS' 8 'DO NOT KNOW' 9 'REFUSED' /

av3 1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
 7 'NOT APPLICABLE/NO CHILDREN' 8 'DO NOT KNOW' 9 'REFUSED' /
 av4 1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
 7 'NOT APPLICABLE/DO NOT WORK' 8 'DO NOT KNOW' 9 'REFUSED' /
 av5 1 'A GREAT DEAL' 2 'SOME' 3 'A LITTLE' 4 'NONE AT ALL'
 7 'NOT APPLICABLE/DO NOT ATTEND CHURCH' 8 'DO NOT KNOW'
 9 'REFUSED' /
 w1 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 w1a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 w2 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 w3 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 w4 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 e1a 1 'A+' 2 'A' 3 'A-' 4 'B+' 5 'B' 6 'B-' 7 'C+' 8 'C' 9 'C-'
 10 'D+' 11 'D' 12 'D-' 13 'F' 98 'DON'T KNOW' 99 'REFUSED' /
 e1b 1 'A+' 2 'A' 3 'A-' 4 'B+' 5 'B' 6 'B-' 7 'C+' 8 'C' 9 'C-'
 10 'D+' 11 'D' 12 'D-' 13 'F' 98 'DON'T KNOW' 99 'REFUSED' /
 E3 1 'VERY FAMILIAR' 2 'SOMEWHAT FAMILIAR' 3 'NOT VERY FAMILIAR'
 4 'NOT FAMILIAR AT ALL' 8 'DO NOT KNOW' 9 'REFUSED' /
 E3a 1 'TV AND RADIO' 2 'NEWSPAPERS/PUBLICATIONS'
 3 'FRIENDS/FAMILY/NEIGHBORS' 4 'BROCHURES FROM CHARTERS'
 5 'TEACHERS/SCHOOL OFFICIALS, ETC' 6 'MULTIPLE SOURCES'
 7 'MISCELLANEOUS' 8 'DO NOT KNOW' 9 'REFUSED' /
 E3b 1 'PUBLIC SCHOOLS' 5 'PRIVATE SCHOOLS' 7 'SOMETHING ELSE'
 8 'DO NOT KNOW' 9 'REFUSED' /
 E4 1 'FAVOR' 3 'INDIFFERENT' 5 'OPPOSE' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD1 1 'MALE' 5 'FEMALE' /
 CD3 0 'DID NOT GO TO SCHOOL' 1 'GRADE' 11 'GRADE'
 12 'HIGH SCHOOL GRAD OR GED' 13 'COLLEGE' 15 'COLLEGE'
 16 'COLLEGE GRADUATE' 17 'SOME POST GRADUATE'
 18 'GRADUATE DEGREE' 20 'TECHNICAL/JUNIOR COLLEGE GRAD'
 98 'DO NOT KNOW' 99 'REFUSED' /
 CD5a 1 'YES, HISPANIC' 5 'NO, NOT HISPANIC' 8 'DO NOT KNOW'
 9 'REFUSED' /
 CD4a@a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD4a@b 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD4a@c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD4a@d 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD4a@e 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD6 0 'NONE' 1 'CATHOLIC' 2 'ISLAMIC/MUSLIM' 3 'JEWISH'
 4 'PROTESTANT' 5 'OTHER NON CHRISTIAN' 7 'OTHER CHRISTIAN' 6'
 8 'UNABLE TO CLASSIFY' 98 'DO NOT KNOW' 99 'REFUSED' /
 CD7@a 1 'REPUBLICAN' 4 'INDEPENDENT' 7 'DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 CD7@b 1 'STRONGLY REPUBLICAN' 2 'NOT VERY STRONG REPUBLICAN'
 8 'DO NOT KNOW' 9 'REFUSED' /
 CD7@c 6 'NOT VERY STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 CD7@d 3 'REPUBLICAN' 4 'NEITHER' 5 'DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 partyid 0 'Other' 1 'STRONG REPUBLICAN' 2 'NOT STRONG REPUBLICAN'
 3 'LEAN REPUBLICAN' 4 'NEITHER' 5 'LEAN DEMOCRAT'
 6 'NOT STRONG DEMOCRAT' 7 'STRONG DEMOCRAT' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P17@a 1 'CONSERVATIVE' 4 'NEITHER' 7 'LIBERAL' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P17@b 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P17@c 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' 8 'DO NOT KNOW'
 9 'REFUSED' /
 P17@d 3 'CLOSER CONSERVATIVE' 4 'IN THE MIDDLE' 5 'CLOSER LIBERAL'
 8 'DO NOT KNOW' 9 'REFUSED' /
 ideology 1 'VERY CONSERVATIVE' 2 'SOMEWHAT CONSERVATIVE'
 3 'LEAN CONSERVATIVE' 4 'MIDDLE' 5 'LEAN LIBERAL'
 6 'SOMEWHAT LIBERAL' 7 'VERY LIBERAL' /
 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 1 'CHILDREN' 7 'CHILDREN' 8 'DO NOT KNOW' 9 'REFUSED' /
 CD12 1 'CHILDREN' 7 'CHILDREN' 8 'DO NOT KNOW' 9 'REFUSED' /

```

attend1 1 'A MICHIGAN PUBLIC SCHOOL' 2 'A PRIVATE OR RELIGIOUS SCHOOL'
3 'A CHARTER SCHOOL' 4 'AN ALTERNATIVE SCHOOL'
5 'A HOME-BASED SCHOOL' 6 'NOT IN SCHOOL' 8 'DO NOT KNOW'
9 'REFUSED' /
attend2a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
attend2b 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
attend2c 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
attend2d 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
attend2e 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /
attend2f 1 'YES' 5 'NO' 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' 90 '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' /
inca 1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incb 1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incc 1 'YES' 5 'NOT' 8 'DO NOT KNOW' /
incd 1 'YES' 5 'NO' 8 'DO NOT KNOW' /
ince 1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incf 1 'YES' 5 'NO' 8 'DO NOT KNOW' /
incg 1 'YES' 5 'NO' 8 'DO NOT KNOW' /
income 1 '$10,000 or less' 2 '$10,000-19,999' 3 '$20,000-29,999'
4 '$30,000-39,999' 5 '$40,000-49,999' 6 '$50,000-59,999'
7 '$60,000-69,999' 8 '$70,000 or more' 98 'DO NOT KNOW'
99 'REFUSED' /
CD26 1 'PHONE NUMBERS' 8 'DO NOT KNOW' /
X1 1 'RURAL COMMUNITY' 2 'SMALL CITY, TOWN, VILLAGE' 3 'A SUBURB'
4 'URBAN COMMUNITY' 98 'DO NOT KNOW' /
zipcode 8 'DO NOT KNOW' 48000 'ZIP CODE' 49999 'ZIP CODE' /
RI@a 1 'YES' 5 'NO' 8 'DO NOT KNOW' 9 'REFUSED' /

```

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

```

MISSING VALUES CC1 (9,8).
MISSING VALUES CC2 (9,8).
MISSING VALUES CC3 (9,8).
MISSING VALUES CC4 (9,8).
MISSING VALUES CC5 (9,8).
MISSING VALUES CC6 (9,8).
MISSING VALUES PO1 (9,8).
MISSING VALUES PO2 (9,8).
MISSING VALUES SEC4 (9,8).
MISSING VALUES SEC4a@a (99,98).
MISSING VALUES SEC4a@b (99,98).
MISSING VALUES NQ1 (99,98).
MISSING VALUES NQ2 (9,8).
MISSING VALUES NQ3 (9,8).
MISSING VALUES NQ4 (9,8).
MISSING VALUES ta1 (9,8).
MISSING VALUES ta2 (9,8).
MISSING VALUES ta3 (9,8).
MISSING VALUES ta4 (9,8).
MISSING VALUES ta5 (9,8).
MISSING VALUES ta6 (9,8).
MISSING VALUES v1 (9,8).
MISSING VALUES N2 (9,8).
MISSING VALUES N3 (9,8).
MISSING VALUES N4 (9,8).
MISSING VALUES N5 (9,8).
MISSING VALUES N6 (9,8).
MISSING VALUES N7 (9,8).
MISSING VALUES N8 (9,8).
MISSING VALUES v4 (9,8).
MISSING VALUES v5 (9,8).
MISSING VALUES V3 (9,8).

```

MISSING VALUES pastvol (99,98).
MISSING VALUES V4a (9,8).
MISSING VALUES V5a (9,8).
MISSING VALUES V6a (9,8).
MISSING VALUES V7a (9,8).
MISSING VALUES V8a (9,8).
MISSING VALUES V10a (9,8).
MISSING VALUES V12a (9,8).
MISSING VALUES V13a (9,8).
MISSING VALUES volpref (9,8).
MISSING VALUES volopp (99,98).
MISSING VALUES v8 (9,8).
MISSING VALUES volless (99,98).
MISSING VALUES av1 (9,8).
MISSING VALUES av2 (9,8).
MISSING VALUES av3 (9,8).
MISSING VALUES av4 (9,8).
MISSING VALUES av5 (9,8).
MISSING VALUES w1 (9,8).
MISSING VALUES w1a (9,8).
MISSING VALUES w2 (9,8).
MISSING VALUES w3 (9,8).
MISSING VALUES w4 (9,8).
MISSING VALUES e1a (99,98).
MISSING VALUES e1b (99,98).
MISSING VALUES E3 (9,8).
MISSING VALUES E3a (9,8).
MISSING VALUES E3b (9,8).
MISSING VALUES E4 (9,8).
MISSING VALUES CD3 (99,98).
MISSING VALUES CD5a (9,8).
MISSING VALUES CD6 (99,98).
MISSING VALUES CD7@a (9,8).
MISSING VALUES CD7@b (9,8).
MISSING VALUES CD7@c (9,8).
MISSING VALUES CD7@d (9,8).
MISSING VALUES partyid (9,8).
MISSING VALUES P17@a (9,8).
MISSING VALUES P17@b (9,8).
MISSING VALUES P17@c (9,8).
MISSING VALUES P17@d (9,8).
MISSING VALUES CD8 (9,8).
MISSING VALUES CD10 (99,98).
MISSING VALUES CD11 (9,8).
MISSING VALUES CD12 (9,8).
MISSING VALUES attend1 (9,8).
MISSING VALUES CD15 (99,98).
MISSING VALUES UN1 (9,8).
MISSING VALUES UN2 (9,8).
MISSING VALUES UN3 (9,8).
MISSING VALUES inca (9,8).
MISSING VALUES incb (9,8).
MISSING VALUES incc (9,8).
MISSING VALUES incd (9,8).
MISSING VALUES ince (9,8).
MISSING VALUES incf (9,8).
MISSING VALUES incg (9,8).
MISSING VALUES income (99,98).
MISSING VALUES CD26 (9,8).
MISSING VALUES X1 (99,98).
MISSING VALUES RI@a (9,8).

15. WEIGHTING COMMANDS

RE-CONTACT SEGMENT

```
compute newregn2=0.
if (cnty=26049 or cnty=26087 or cnty=26091 or cnty=26093 or cnty=26099 or cnty=26115)newregn2=6.
if (cnty=26125 or cnty=26147 or cnty=26161 or cnty=26163)newregn2=6.
if (cnty=26021 or cnty=26023 or cnty=26025 or cnty=26027 or cnty=26045)newregn2=5.
if (cnty=26059 or cnty=26065 or cnty=26075 or cnty=26077 or cnty=26149)newregn2=5.
if (cnty=26159)newregn2=5.

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

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

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

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

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

*recode regn (sysmis=99).
*if (regn=99 and id1 ge 70000)regn=7.
*if (regn=99 and newregn2=6)regn=newregn2.
if (regn ne newregn2)regn=newregn2.
compute list37=listed.
freq var=regn list37.

weight off.
compute listwt=1.
if (list37=2)listwt=4.130.
if (list37=1 or list37=3)listwt=0.7102.
weight by listwt.
freq var=listed regn.

*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=1.1044*listwt.
if (cd26 eq 2)phwt=0.5522*listwt.
if (cd26 eq 3)phwt=0.3681*listwt.
if (cd26 eq 4)phwt=0.2761*listwt.
if (cd26 eq 5)phwt=0.2209*listwt.
if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
  VARIABLES=cd26 cd10.

compute adults=cd10.
freq var=adults.

missing values cd10 ().

recode cd10 (sysmis=1).
```

```

compute adults=cd10.
* This adjusts weight by number of adults in the household.
compute adlwt=phwt.
if (adults=1)adlwt=phwt*0.5413.
if (adults=2)adlwt=phwt*1.0826.
if (adults=3)adlwt=phwt*1.6239.
if (adults=4)adlwt=phwt*2.1651.
if (adults=5)adlwt=phwt*1.
if (adults=6)adlwt=phwt*1.
if (adults=7)adlwt=phwt*1.
if (adults=8)adlwt=phwt*1.
if (adults=9)adlwt=phwt*1.
if (adults=10)adlwt=phwt*1.
if (adults=98 or adults=99) adlwt=phwt*.5413.
weight by adlwt.
freq var=adults.

FREQUENCIES
  VARIABLES=cd1 cd2.

compute age=0.
if (cd2 lt 87)age=104-cd2.
if (cd2 ge 87 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 998)age=0.
*if (age=17)age=18.
if (age le 0)age=0.
if (age ge 18 and age lt 25)agecat=1.
if (age ge 25 and age lt 30)agecat=2.
if (age ge 30 and age lt 40)agecat=3.
if (age ge 40 and age lt 50)agecat=4.
if (age ge 50 and age lt 60)agecat=5.
if (age ge 60 and age lt 65)agecat=6.
if (age ge 65)agecat=7.
if (age le 17)agecat=9.
missing values age (0)/agecat (9).

value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
  4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.

freq var=agecat.
freq var=regn.

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

freq var=listed.
compute adj1=adlwt* 1.00.
weight by adj1.
compute ovrsamwt=adj1.
compute roundwt=10*ovrsamwt.
weight by roundwt.

CROSSTABS
  /TABLES=cd1 by imprace BY regn

```

```
/FORMAT= AVALUE NOINDEX BOX LABELS TABLES
/CELLS= COUNT.

* This weights cases by gender, imprace and region.
compute racgenct=ovrsamwt.
if (imprace eq 1 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*0.9542.
if (imprace eq 2 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*0.2901.
if (imprace eq 1 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.2438.
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.2932.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.0793.
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*0.9032.
if (imprace eq 2 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.5955.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.4685.
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.7063.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.3516.

if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.7169.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.7359.
if (imprace eq 1 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.4087.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*0.3983.

if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.0549.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*7.0892.
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.5717.
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.8636.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*2.3135.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*0.9709.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.9741.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.1713.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.9122.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.5548.
if (imprace eq 3 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*1.1973.

if (imprace eq 1 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*0.7626.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.3775.
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*0.6936.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.9013.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.0059.

compute racgenct=racgenct*1.024337.
weight by racgenct.
weight off.
CROSSTABS
  /TABLES=cd1 by imprace BY regn
  /FORMAT= AVALUE NOINDEX BOX LABELS TABLES
  /CELLS= COUNT tot.
compute roundwt=racgenct*10.
weight by roundwt.
crosstab tables=agecat by regn/cells count.

compute agewt=racgenct.
if (agecat eq 1 and regn eq 1)agewt=racgenct*1.
if (agecat eq 2 and regn eq 1)agewt=racgenct*1.
if (agecat eq 3 and regn eq 1)agewt=racgenct*3.0507.
if (agecat eq 4 and regn eq 1)agewt=racgenct*0.4051.
if (agecat eq 5 and regn eq 1)agewt=racgenct*0.4651.
if (agecat eq 6 and regn eq 1)agewt=racgenct*2.4456.
if (agecat eq 7 and regn eq 1)agewt=racgenct*2.4017.
```

```
if (agecat eq 1 and regn eq 2)agewt=racgenct*5.2271.
if (agecat eq 2 and regn eq 2)agewt=racgenct*1.
if (agecat eq 3 and regn eq 2)agewt=racgenct*2.8966.
if (agecat eq 4 and regn eq 2)agewt=racgenct*1.3419.
if (agecat eq 5 and regn eq 2)agewt=racgenct*0.9070.
if (agecat eq 6 and regn eq 2)agewt=racgenct*0.1743.
if (agecat eq 7 and regn eq 2)agewt=racgenct*1.1935.

if (agecat eq 1 and regn eq 3)agewt=racgenct*9.4487.
if (agecat eq 2 and regn eq 3)agewt=racgenct*6.8908.
if (agecat eq 3 and regn eq 3)agewt=racgenct*3.7514.
if (agecat eq 4 and regn eq 3)agewt=racgenct*0.9459.
if (agecat eq 5 and regn eq 3)agewt=racgenct*0.4074.
if (agecat eq 6 and regn eq 3)agewt=racgenct*0.8908.
if (agecat eq 7 and regn eq 3)agewt=racgenct*0.6884.

if (agecat eq 1 and regn eq 4)agewt=racgenct*2.2413.
if (agecat eq 2 and regn eq 4)agewt=racgenct*3.9897.
if (agecat eq 3 and regn eq 4)agewt=racgenct*0.9176.
if (agecat eq 4 and regn eq 4)agewt=racgenct*0.6821.
if (agecat eq 5 and regn eq 4)agewt=racgenct*0.7269.
if (agecat eq 6 and regn eq 4)agewt=racgenct*2.3335.
if (agecat eq 7 and regn eq 4)agewt=racgenct*1.0543.

if (agecat eq 1 and regn eq 5)agewt=racgenct*7.8973.
if (agecat eq 2 and regn eq 5)agewt=racgenct*1.0877.
if (agecat eq 3 and regn eq 5)agewt=racgenct*1.5531.
if (agecat eq 4 and regn eq 5)agewt=racgenct*0.4557.
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.9577.
if (agecat eq 6 and regn eq 5)agewt=racgenct*0.6550.
if (agecat eq 7 and regn eq 5)agewt=racgenct*1.7313.

if (agecat eq 1 and regn eq 6)agewt=racgenct*5.2108.
if (agecat eq 2 and regn eq 6)agewt=racgenct*3.4196.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.5990.
if (agecat eq 4 and regn eq 6)agewt=racgenct*0.5130.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.7999.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.4440.
if (agecat eq 7 and regn eq 6)agewt=racgenct*1.8297.

if (agecat eq 1 and regn eq 7)agewt=racgenct*3.2400.
if (agecat eq 2 and regn eq 7)agewt=racgenct*1.0793.
if (agecat eq 3 and regn eq 7)agewt=racgenct*1.1568.
if (agecat eq 4 and regn eq 7)agewt=racgenct*0.8162.
if (agecat eq 5 and regn eq 7)agewt=racgenct*0.4362.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.9977.
if (agecat eq 7 and regn eq 7)agewt=racgenct*2.7028.
weight by agewt.
compute roundwt=agewt*10.
weight by roundwt.
freq var=regn.
weight off.
freq var=regn.

compute adjwt=agewt.
*The following command adjusts the number of cases in each region
back to the actual number interviewed.
compute adjwt=agewt.
if (regn=1)adjwt=agewt*1.11801.
if (regn=2)adjwt=agewt*1.11538.
if (regn=3)adjwt=agewt*1.05263.
if (regn=4)adjwt=agewt*1.16090.
if (regn=5)adjwt=agewt*0.89385.
if (regn=6)adjwt=agewt*1.07317.
if (regn=7)adjwt=agewt*0.84175.
weight by adjwt.
freq var=regn.

weight off.

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



```

value labels msueregn 1 'UP' 2 'North LP' 3 'W. Central' 4 'E. Central'
                    5 'Southwest' 6 'Southeast Urban'.
freq var=msueregn.

compute msuewt=adjwt.
if (reg=7)msuewt=adjwt*0.3715.
if (reg=6)msuewt=adjwt*1.4761.
weight by msuewt.
freq var=msueregn.

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

compute statewt=msuewt.
if (msueregn eq 1)statewt=msuewt*0.6606.
if (msueregn eq 2)statewt=msuewt*0.6924.
if (msueregn eq 3)statewt=msuewt*0.7195.
if (msueregn eq 4)statewt=msuewt*0.5385.
if (msueregn eq 5)statewt=msuewt*0.7609.
if (msueregn eq 6)statewt=msuewt*1.6581.
*compute statewt=statewt*1.001.
weight by statewt.
freq var=reg msueregn.

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

compute sample=1.
value labels sample 1 'S38 re-interviews' 2 'S38 fresh RDD'.
freq var=sample.

*****.

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

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

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

var labels
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'//
adjl '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'.

```

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

New RDD Segment

```

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

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

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

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

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

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

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

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.
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'.
freq var=msue2005.
weight off.

*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 list37=0.
freq var=regn listed.

weight off.
compute listwt=1.
if (listed=2)listwt=2.5396.
if (listed=1 or listed=3)listwt=0.7539.
weight by listwt.
freq var=listeds regn.

*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=1.1096*listwt.
if (cd26 eq 2)phwt=0.5548*listwt.
if (cd26 eq 3)phwt=0.3699*listwt.
if (cd26 eq 4)phwt=0.2774*listwt.
if (cd26 eq 5)phwt=0.2219*listwt.
```

```

if (cd26 eq 6)phwt=1*listwt.
if (cd26 eq 7)phwt=1*listwt.
weight by phwt.
FREQUENCIES
  VARIABLES=cd26 cd10.

missing values cd10 (.).

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

* This adjusts weight by number of adults in the household.
compute adlwt=phwt.
if (cd10=1)adlwt=phwt*0.5451.
if (cd10=2)adlwt=phwt*1.0902.
if (cd10=3)adlwt=phwt*1.6354.
if (cd10=4)adlwt=phwt*2.1805.
if (cd10=5)adlwt=phwt*2.7256.
if (cd10=6)adlwt=phwt*1.
if (cd10=7)adlwt=phwt*1.
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*.5386.

weight by adlwt.
freq var=cd10.

FREQUENCIES
  VARIABLES=cd1 cd2.

compute age=0.
if (cd2 le 87)age=105-cd2.
if (cd2 gt 87 and cd2 lt 900)age=100+(100-cd2).
if (cd2 ge 998)age=0.
if (age=17)age=18.
if (age le 0)age=0.
if (age ge 18 and age lt 25)agecat=1.

if (age ge 25 and age lt 30)agecat=2.
if (age ge 30 and age lt 40)agecat=3.
if (age ge 40 and age lt 50)agecat=4.
if (age ge 50 and age lt 60)agecat=5.
if (age ge 60 and age lt 65)agecat=6.
if (age ge 65)agecat=7.
if (age le 17)agecat=9.
missing values age (0)/agecat (9).

value labels agecat 1 '18 - 24 Yrs' 2 '25 - 29 Yrs' 3 '30 - 39 Yrs'
  4 '40 - 49 Yrs' 5 '50 - 59 Yrs' 6 '60 - 64 Yrs' 7 '65 or older' 9 'missing'.

freq var=age.

freq var=agecat.
freq var=regn.

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

```

```
missing values rac3 ().
compute imprace=rac3.
if (imprace=0 and regn=7)imprace=2.
if (imprace=0 and regn lt 7)imprace=1.
freq var=imprace.
weight off.
```

```
freq var=listed.
compute adj1=adlwt* 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*1.1549.
if (imprace eq 2 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 1 and regn eq 1)racgenct=ovrsamwt*0.5934.
if (imprace eq 1 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*0.8363.
if (imprace eq 2 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.
if (imprace eq 3 and cd1 eq 5 and regn eq 1)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*1.3851.
if (imprace eq 2 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.3289.
if (imprace eq 3 and cd1 eq 1 and regn eq 2)racgenct=ovrsamwt*0.7035.
if (imprace eq 1 and cd1 eq 5 and regn eq 2)racgenct=ovrsamwt*0.8079.
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*0.8528.

if (imprace eq 1 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*0.9507.
if (imprace eq 2 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.0619.
if (imprace eq 3 and cd1 eq 1 and regn eq 3)racgenct=ovrsamwt*1.1790.
if (imprace eq 1 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*0.9979.
if (imprace eq 2 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.8251.
if (imprace eq 3 and cd1 eq 5 and regn eq 3)racgenct=ovrsamwt*1.

if (imprace eq 1 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*0.9007.
if (imprace eq 2 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.5646.
if (imprace eq 3 and cd1 eq 1 and regn eq 4)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.0564.
if (imprace eq 2 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.5165.
if (imprace eq 3 and cd1 eq 5 and regn eq 4)racgenct=ovrsamwt*1.1618.

if (imprace eq 1 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.8567.
if (imprace eq 2 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*0.8484.
if (imprace eq 3 and cd1 eq 1 and regn eq 5)racgenct=ovrsamwt*1.
if (imprace eq 1 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.1577.
if (imprace eq 2 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.0892.
if (imprace eq 3 and cd1 eq 5 and regn eq 5)racgenct=ovrsamwt*1.1878.

if (imprace eq 1 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.2634.
if (imprace eq 2 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*0.8533.
if (imprace eq 3 and cd1 eq 1 and regn eq 6)racgenct=ovrsamwt*1.9615.
if (imprace eq 1 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.8980.
if (imprace eq 2 and cd1 eq 5 and regn eq 6)racgenct=ovrsamwt*0.4407.
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*0.7996.
if (imprace eq 2 and cd1 eq 1 and regn eq 7)racgenct=ovrsamwt*1.1911.
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*0.8755.
if (imprace eq 2 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.9296.
if (imprace eq 3 and cd1 eq 5 and regn eq 7)racgenct=ovrsamwt*0.9010.
```

```
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*1.4912.
if (agecat eq 2 and regn eq 1)agewt=racgenct*0.4694.
if (agecat eq 3 and regn eq 1)agewt=racgenct*1.7823.
if (agecat eq 4 and regn eq 1)agewt=racgenct*0.8199.
if (agecat eq 5 and regn eq 1)agewt=racgenct*1.3586.
if (agecat eq 6 and regn eq 1)agewt=racgenct*0.6661.
if (agecat eq 7 and regn eq 1)agewt=racgenct*0.9770.

if (agecat eq 1 and regn eq 2)agewt=racgenct*0.6912.
if (agecat eq 2 and regn eq 2)agewt=racgenct*0.7436.
if (agecat eq 3 and regn eq 2)agewt=racgenct*5.5997.
if (agecat eq 4 and regn eq 2)agewt=racgenct*2.3024.
if (agecat eq 5 and regn eq 2)agewt=racgenct*0.7624.
if (agecat eq 6 and regn eq 2)agewt=racgenct*0.5001.
if (agecat eq 7 and regn eq 2)agewt=racgenct*0.7376.

if (agecat eq 1 and regn eq 3)agewt=racgenct*1.3446.
if (agecat eq 2 and regn eq 3)agewt=racgenct*1.3248.
if (agecat eq 3 and regn eq 3)agewt=racgenct*1.7794.
if (agecat eq 4 and regn eq 3)agewt=racgenct*0.7647.
if (agecat eq 5 and regn eq 3)agewt=racgenct*0.7343.
if (agecat eq 6 and regn eq 3)agewt=racgenct*1.5655.
if (agecat eq 7 and regn eq 3)agewt=racgenct*0.7934.

if (agecat eq 1 and regn eq 4)agewt=racgenct*1.6709.
if (agecat eq 2 and regn eq 4)agewt=racgenct*0.4921.
if (agecat eq 3 and regn eq 4)agewt=racgenct*1.0434.
if (agecat eq 4 and regn eq 4)agewt=racgenct*1.3974.
if (agecat eq 5 and regn eq 4)agewt=racgenct*0.6839.
if (agecat eq 6 and regn eq 4)agewt=racgenct*0.9319.
if (agecat eq 7 and regn eq 4)agewt=racgenct*1.2449.

if (agecat eq 1 and regn eq 5)agewt=racgenct*12.9209.
if (agecat eq 2 and regn eq 5)agewt=racgenct*0.6587.
if (agecat eq 3 and regn eq 5)agewt=racgenct*1.1353.
if (agecat eq 4 and regn eq 5)agewt=racgenct*0.7485.
if (agecat eq 5 and regn eq 5)agewt=racgenct*0.8305.
if (agecat eq 6 and regn eq 5)agewt=racgenct*0.8129.
if (agecat eq 7 and regn eq 5)agewt=racgenct*0.9518.

if (agecat eq 1 and regn eq 6)agewt=racgenct*2.2530.
if (agecat eq 2 and regn eq 6)agewt=racgenct*1.9268.
if (agecat eq 3 and regn eq 6)agewt=racgenct*1.5508.
if (agecat eq 4 and regn eq 6)agewt=racgenct*1.0715.
if (agecat eq 5 and regn eq 6)agewt=racgenct*0.5326.
if (agecat eq 6 and regn eq 6)agewt=racgenct*0.5316.
if (agecat eq 7 and regn eq 6)agewt=racgenct*0.9195.

if (agecat eq 1 and regn eq 7)agewt=racgenct*0.6101.
if (agecat eq 2 and regn eq 7)agewt=racgenct*1.0617.
if (agecat eq 3 and regn eq 7)agewt=racgenct*1.2402.
if (agecat eq 4 and regn eq 7)agewt=racgenct*1.2342.
if (agecat eq 5 and regn eq 7)agewt=racgenct*1.0671.
if (agecat eq 6 and regn eq 7)agewt=racgenct*0.6318.
if (agecat eq 7 and regn eq 7)agewt=racgenct*1.1426.
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*0.91549.  
if (regn=2)adjwt=agewt*0.86124.  
if (regn=3)adjwt=agewt*1.05351.  
if (regn=4)adjwt=agewt*0.94402.  
if (regn=5)adjwt=agewt*0.93220.  
if (regn=6)adjwt=agewt*1.18364.  
if (regn=7)adjwt=agewt*1.01538.  
*compute adjwt=adjwt*1.001502.  
weight by adjwt.  
freq var=regn.
```

```
weight off.
```

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

```
value labels msueregn 1 'UP' 2 'North LP' 3 'W. Central' 4 'E. Central'  
5 'Southwest' 6 'Southeast Urban'.  
freq var=msueregn.
```

```
compute msuewt=adjwt.  
if (regn=7)msuewt=adjwt*0.4901.  
if (regn=6)msuewt=adjwt*1.2475.  
*compute msuewt=msuewt*0.9986.  
*if (msueregn=6)msuewt=msuewt*0.9949.  
weight by msuewt.  
freq var=msueregn regn cd1.
```

```
compute roundwt=msuewt*10.  
weight by roundwt.
```

```
compute statewt=msuewt.  
if (msueregn eq 1)statewt=msuewt*0.5126.  
if (msueregn eq 2)statewt=msuewt*0.6252.  
if (msueregn eq 3)statewt=msuewt*0.6720.  
if (msueregn eq 4)statewt=msuewt*0.6000.  
if (msueregn eq 5)statewt=msuewt*0.9303.  
if (msueregn eq 6)statewt=msuewt*1.5995.  
*compute statewt=statewt*0.9986.  
weight by statewt.  
freq var=regn msueregn.
```

```
freq var=cd1 cd3 cd5a rac3 cd8 cd10 cd15 income agecat.  
recode cd6 (6=7).  
*freq var=imprace.  
*weight off.  
*freq var=imprace.  
*compute racewt=statewt.  
*if (imprace=1 or imprace=3)racewt=0.80747*statewt.  
*if (imprace=2)racewt=2.277154*statewt.  
*weight by racewt.  
*freq var=imprace.
```

```
compute sample=2.  
value labels sample 1 'S37 re-interviews' 2 'S38 fresh RDD'.
```

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

```
*****.
```

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

```

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

missing values newinc income (0,9).
freq var=newinc.
compute income=newinc.
*****
freq var=length.
if (length lt 10)length=0.
if (length gt 35)length=0.
missing values length (0).

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

*if (cd1=1)statewt=statewt*0.962.
*if (cd1=5)statewt=statewt*1.0382.
weight by statewt.
freq var=cd1 imprace regn.

weight by msuewt.
freq var=cd1.
if (cd1=1)msuewt=msuewt*0.94129.
if (cd1=5)msuewt=msuewt*1.06135.
weight by msuewt.
freq var=cd1 imprace regn.

weight by adjwt.
freq var=cd1.
if (cd1=1)adjwt=adjwt*0.94872.
if (cd1=5)adjwt=adjwt*1.05274.
weight by adjwt.
freq var=cd1 imprace regn.

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

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

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

```



```

var labels
  newregn2 'Alternate coding of cases into regions based on FIPS'/
  listwt 'Weight adjustment for listed vs nonlisted numbers'/
  phwt 'Weight adjustment for number of phone lines to HHL'D'/
  adlwt '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'/
  sample 'Source of case, new RDD or previous SOSS'.

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

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* 3.4006.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 0.8737.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.5172.
if (msue2005=1 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.6996.
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* 2.3852.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 2.7881.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.8533.
if (msue2005=1 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.2846.
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* 0.6061.
if (msue2005=1 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.2387.
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* 0.8005.
if (msue2005=1 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.

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if (msue2005=1 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.4640.
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* 2.52855.
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*3.56769 .
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.79405 .
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*1.041504 .
if (msue2005=2 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 0.505119.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 4.096732.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.585891.
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*0.831985 .
if (msue2005=2 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=2 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 0.112745.
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=2 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 0.7929.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1 .
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.6917.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=2 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

*Region 3.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*0.98295 .
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.702241.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.92202.
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*0.684867 .
if (msue2005=3 and imprace=1 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 3.834658 .
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.12199.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.78649.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.62647.
if (msue2005=3 and imprace=1 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=3 and imprace=2 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.07222 .
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=2 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt* 0.945711.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.181013 .
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=2 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt*1 .

if (msue2005=3 and imprace=3 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=3 and cd1=1 and agecat4=9)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=1)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*1.557806 .
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*1 .
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.
if (msue2005=3 and imprace=3 and cd1=5 and agecat4=9)newregARSwt=ovrsamwt* 1.

* Region 4.
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=1)newregARSwt=ovrsamwt* 2.442674.
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if (msue2005=4 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 0.803288 .
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.617485 .
if (msue2005=4 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.580656 .
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* 1.170563 .
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*0.999262 .
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.818735 .
if (msue2005=4 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*1.136993 .
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*1 .
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*0.489223 .
if (msue2005=4 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*4.21082 .
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*0.984683 .
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*1.2371 .
if (msue2005=4 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1 .
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* 2.70703 .
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1 .
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*1 .
if (msue2005=4 and imprace=3 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.24517 .
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* 2.368084 .
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 2.351147 .
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 1.603307 .
if (msue2005=4 and imprace=3 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*1 .
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* 3.65599 .
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 1.25392 .
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.735667 .
if (msue2005=5 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 1.036494 .
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*1.314533 .
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*1.100184 .
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.630964 .
if (msue2005=5 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.237037 .
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*1.847536 .
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 0.626546 .
if (msue2005=5 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 0.611161 .
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*0.547687 .
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 1.061622 .
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.654601 .
if (msue2005=5 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 0.451776 .
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* 1.591714 .
if (msue2005=5 and imprace=3 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt* 1.581566 .
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*4.355369 .
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*3.259544 .
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* 0.483191 .
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt* 3.086944 .
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.772709 .
if (msue2005=6 and imprace=1 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt*3.224267 .
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*1 .
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 0.339691 .
```

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if (msue2005=6 and imprace=1 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt*0.771677 .
if (msue2005=6 and imprace=1 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt*1.069047 .
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* 0.949941.
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=2)newregARSwt=ovrsamwt*2.824818 .
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=3)newregARSwt=ovrsamwt*0.756627 .
if (msue2005=6 and imprace=2 and cd1=1 and agecat4=4)newregARSwt=ovrsamwt* 2.515536.
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* 1.241601.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt*1.137961 .
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=3)newregARSwt=ovrsamwt* 0.55692.
if (msue2005=6 and imprace=2 and cd1=5 and agecat4=4)newregARSwt=ovrsamwt* 1.191288.
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*2.946972.
if (msue2005=6 and imprace=3 and cd1=5 and agecat4=2)newregARSwt=ovrsamwt* 2.110547.
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*1.003521.
if (msue2005=2)newadjwt=newregarswt*0.94818.
if (msue2005=3)newadjwt=newregarswt*1.083013.
if (msue2005=4)newadjwt=newregarswt*0.932268.
if (msue2005=5)newadjwt=newregarswt*1.157796.
if (msue2005=6)newadjwt=newregarswt*0.950041.
weight by newadjwt.
freq var=msue2005.

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

compute MSUE2005wt=newadjwt.
if (msue2005=5)msue2005wt=newadjwt*1.238726.
if (msue2005=6)msue2005wt=newadjwt*0.48962.
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'.

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

```

```

write Outfile='g:\soss38\SOSS38_wt.dat'
/1      ID1 1-5 (A)          R1 6 (A)
      cnty 7-11          regn 12          listed 13
      random1 14          CC1 15          CC2 16
      CC3 17             CC4 18          CC5 19
      CC6 20             PO1 21          PO2 22
      SEC4 23             SEC4a@a 24-25      SEC4a@b 26-27
      NQ1 28-29          NQ2 30          NQ3 31
      NQ4 32             ta1 33          ta2 34
      ta3 35             ta4 36          ta5 37
      ta6 38             v1 39           N2 40
      N3 41              N4 42          N5 43
      N6 44              N7 45          N8 46
      N9 47-51          v4 52          v5 53
      V3 54              pastvol 55-56    voltime 57-59
      V4a 60             V5a 61          V6a 62
      V7a 63             V8a 64          V10a 65
      V12a 66           V13a 67         volpref 68
      volopp 69-70      v8 71          volless 72-73
      av1 74             av2 75          av3 76
      av4 77             av5 78
/2      w1 1              w2 3
      w3 4              w4 5          ela 6-7
      e1b 8-9           E3 10          E3a 11
      E3b 12            E4 13          CD1 14
      CD2 15-17         CD3 18-19      CD5a 20
      CD4a@a 21         CD4a@b 22      CD4a@c 23
      CD4a@d 24         CD4a@e 25      CD6 26-27
      CD7@a 28          CD7@b 29      CD7@c 30
      CD7@d 31          partyid 32     P17@a 33
      P17@b 34          P17@c 35      P17@d 36
      ideology 37       CD8 38         CD10 39-40
      CD11 41           CD12 42        attend1 43
      attend2a 44       attend2b 45    attend2c 46
      attend2d 47       attend2e 48    attend2f 49
      CD15 50-51        UN1 52         UN2 53
      UN3 54            inca 55        incb 56
      incc 57           incd 58        ince 59
      incf 60           incg 61        income 62
      CD26 63           X1 64-65       zipcode 66-70
/3      RI@a 1          contacts 28-29 (A) length 30-33 (A)
      idate 34-41 (A)   iwer 42-44 (A)  males 45-46 (A)
      females 47-48 (A) races 56 mult2 57 AGECAT 58 ADJWT10 59-64
      MSUEREGRN 65 MSUEWT10 66-72
      STATEWT10 74-79 rac3 81 AGE 82-83 imprace 84 newinc 85 sample 86 msue2005 87 agecat4 88
      newadjwt10 90-96 msue2005wt10 98-104 msue2005r5 105.
execute .

```