METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-15]

SUMMER 1998 Round

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NOTE TO THE READER

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

For the benefit of sponsors, consumers and users of SOSS data, we have prepared this guide to the purpose, design, methods, and content of the survey. Because the MSU SOSS is still relatively new, this is one of our early efforts to document the methods employed in it. We welcome your questions as well as suggestions for improvement of this report.

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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.

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 Survey Research Division of the Institute for Public Policy and Social Research, SOSS was inaugurated in October 1994.

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

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

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

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

of a wider scientific community, the SOSS data will be deposited in an international data archive.

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

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

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

January/February. The January/February 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.

May. The May 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.

July. The July round focuses primarily on the state of ethnic Michigan. The Michigan Folklike Festival, held on the MSU campus each summer, seeks to draw attention to 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 15 was on quality of life in communities and families, on childcare and caregiving.

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 (such as more detailed breakdowns by ethnic group in the July round).

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 6 minutes of interviewing time to complete.

The remainder of the interview is timed to last an average of 14 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 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 SRD will do its best to document such situations, it is the responsibility of the data users and analysts, not of the SRD, 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 Survey Research Division (SRD) of the Institute for Public Policy and Social Research. The Principal SRD staff for SOSS consists **Dr. Larry Hembroff**, Survey Methodologist, **Karen Clark**, Programmer and Project Manager, and **Kathy Cusick** (manager of interviewing operations for SOSS).

The SRD 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 SRD staff works with and advises the principal investigators and other researchers in the design of the sample and the survey instrument. However, final approval of the survey and sample designs rest with the principal investigators, not the SRD staff.

SOSS Advisory Committee. The overall design of the SOSS project has been conducted by an Advisory Committee, which consists of representatives of all units at MSU

that have provided financial backing for the survey. Beginning in summer 1994, the Advisory Committee, under the direction of **Dr. Brian Silver** (then Chair of the Department of Political Science), approved the financial plan, principles for distribution and access to the data, the major themes of each survey, and the selection of principal investigators.

Members of the <u>Advisory Committee</u> include:

Dr. Brian Silver, Professor and Survey Director, Survey Research Division, IPPSR

Dr. Charles Atkin, Professor, Dept. of Communication

Dr. Clifford Broman, Associate Professor, Dept. of Sociology

Dr. Dennis Keefe, Assistant Professor, Family and Child Ecology

Dr. Mary Lou McPherson, MSU Extension

Dr. Mark Notman, Assistant Professor, Dept. of Family Medicine

Dr. David Rohde, University Distinguished Professor, Dept. of Political Science; Director, Political Institutions and Public Choice Program, IPPSR

Dr. Lorilee Sandmann, Director of Community Outreach, Office of Vice Provost for University Outreach

Dr. John Schweitzer, Professor, Urban Affairs Programs

Dr. Eileen van Ravenswaay, Professor, Dept. of Agricultural Economics

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

The <u>Working Group</u> for the Summer 1998 survey was comprised of:

Robert J. Griffore, Professor, Dept. of Family and Child Ecology

Marsha T. Carolan, Asst. Professor, Dept. of Family and Child Ecology

Lillian A. Phenice, Professor, Dept. of Family and Child Ecology

Rosemary Walker, Professor, Dept. of Family and Child Ecology

Janet Bokemeier, Professor, Dept. of Sociology and the Michigan Agricultural Experiment Station

Clifford Broman, Assoc. Professor, Dept. of Sociology

Diane Levande, Professor, School of Social Work

Lawrence Schiamberg, Professor, Dept. of Family and Child Ecology

Brian D. Silver, Ph.D., Dept. of Political Science, and Director of SOSS

Karen Clark, Project Manager, Institute for Public Policy and Social
        Research - Survey Research Division

5. FUNDING

The following units on campus have provided funding for SOSS during its second year:

Office of the Provost

Office of the Vice Provost for University Outreach

Agricultural Experiment Station

MSU Extension

College of Communication Arts and Sciences

Department of Radiology

School of Social Work

Department of Sociology

Legislative Leadership Program

Eli Broad College of Business

College of Osteopathic Medicine

College of Social Science

Urban Affairs Programs

Dept. of Political Science

School of Criminal Justice

Julian Samora Research Institute

The Institute for Public Policy and Social Research

6. DISSEMINATION OF RESULTS

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

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

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

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

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

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

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. 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 noninstitutionalized, 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 correspond to that used by MSU Extension with Detroit separated out from the Southeast region.

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

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

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

3. <u>West Central</u> (Allegan, Barry, Ionia, Kent, Lake, Manistee, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola, Ottawa

4. <u>East Central</u> (Arenac, Bay, Clare, Clinton, Gladwin, Gratiot, Huron, Isabella, Midland, Saginaw, Sanilac, Shiawassee, Tuscola

5. <u>Southwest</u> (Berrien, Branch, Calhoun, Cass, Eaton, Hillsdale, Ingham, Jackson, Kalamazoo, St. Joseph, Van Buren)

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

7. <u>Detroit City</u>

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

Sampling. Respondents' households were selected using list-assisted random-digit dial sampling procedures. Ordinarily, the initial sample of randomly generated telephone numbers is purchased from Genesys, Inc. Genesys begins the process of generating phone numbers with the list of all working area code and phone number prefix 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, Genesys 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. 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, Genesys screens the phone numbers generated against directory-based information on the density of banks, i.e., the number of numbers from within a bank that appear in phone directory listings. Since other research has indicated that unlisted numbers are not assigned to separate banks of phone numbers from those that are listed, then Genesys excludes for efficiency purposes any numbers that are selected from banks with fewer than two published phone numbers. Of the remaining numbers selected,

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Genesys expects that, on average, about 55-70% of the phone numbers generated at random will be working household numbers.

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, SRD 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).

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 design called 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 were to be completed in the West Central Region and the Southeast Region. And approximately 150 interviews were to be completed from the City of Detroit. The total sample size was to be approximately 1,000.

Furthermore, SOSS 15's sampling design was modified somewhat to over-sample African Americans. It did this by identifying four specific areas of the state that have high proportions of African American residents and disproportionately sampling these areas within the standard SOSS regions. For statewide estimates of findings, this is another source of unequal selection probabilities that must be adjusted for in doing analysis.

Sample Weights. Because of the stratification and the unequal sampling rates across the strata, it is necessary to use "weights" to bring the characteristics of the sample into line with those of each region, or with those of the state as a whole (depending on the purpose of the analysis). Accordingly, the data files contain weights for the six MSU Extension regions, as well as for the state as a whole.

To construct the weights, characteristics of the population of the regions were drawn from 1990 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. Each case was then weighted by the reciprocal of the number of phone

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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. 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.

Within regions, those areas that were oversampled to yield a larger sample of African Americans were then weighted to bring their apparent numbers back into correct proportion to their actual composition of the regions. This was done before any adjustments for non-response or other disproportionate stratifying sampling.

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

For the State of the State Survey, cases were weighted so that the proportions of white males, African American males, Other Racial Group males, white females, African American females, and Other Racial Group females in the sample for each region matched the proportions each of these groups represent in the adult population of each region based on the 1990 Census. In the data set, this weighting factor is named RACGENCT. Furthermore, within each region, the cases were additionally weighted so that the proportion of cases falling into each of the following age groups matched the proportions in the 1990 Census for each region: 18 - 24 years old, 25 - 29, 30 - 39, 40 - 49, 50 - 59, 60 - 64, and 65 or older. In the data set, this weighting factor is named AGEWT (Since rounding and missing data sometimes result in the weighted number of cases differing slightly from the actual number, AGEWT is adjusted slightly with ADJWT to ensure the 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.

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

cases from each region in the total sample matched the proportion of adults from the corresponding region in the state's population based on 1990 Census data. The weighting factor for this post-stratification weighting in the data set is named STATEWT.

For SOSS15, an additional weight was calculated to re-expand the total number of African Americans within the weighted data file so that the apparent numbers of white and African American respondents across regions is actually equal to the actual numbers of respondents of these types interviewed. The weight variable constructed for this purpose is RACEWT.

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 gender X race category proportions within the region, and the age category proportions within regions. STATEWT weights cases by all of those adjustments implied by AGEWT <u>and</u> adjusts the proportions of cases across regions. **For developing statewide results**, the user should use the data weighted by STATEWT. **For comparing the results among regions** -- if Detroit is to be separate -- the user should use the data weighted by ADJWT. **To compare directly the MSUE regions**, the data should be weighted by MSUEWT. And, for this particular SOSS, to make racial comparisons that take full advantage of the designed oversampling of African Americans, the data should be weighted by RACEWT.

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

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

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

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

REGION	**Number of Cases**	**Margin of Sampling Error**
Upper Peninsula	53	$\pm$ 13.6%

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Northern Lower Peninsula	83	$\pm$ 10.8%
West Central	188	$\pm$ 7.2%
East Central	147	$\pm$ 8.1%
Southwest	134	$\pm$ 8.5%
Southeast	212	$\pm$ 6.7%
Detroit	133	$\pm$ 8.5%
Statewide Total	950	$\pm$ 3.2%

8. FIELD PROCEDURES

CATI System. Interviews were conducted using the Computer Assisted Telephone Interviewing system (CATI) of IPPSR's Survey Research Division (SRD). SRD uses the CASES software for its CATI system. CASES was developed by the University of California–Berkeley 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 SRD 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. Seventy-four different interviewers were involved in data collection on the State of the State Survey. Most had worked on a number of surveys prior to the State of the State Survey.

Field Period and Respondent Selection in Household. Interviewing began on July 14, 1998 and continued through the September 4, 1998. When interviewers successfully contacted a household, the study procedures required them to randomly select an adult from among those residing in the household to be the respondent. The "most recent birthday" technique developed by Salmon and Nichols was used as the mechanism for choosing a respondent within each household.

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

The average interview lasted approximately 21.4 minutes with the median being 20 minutes and the standard deviation 6.0 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 950 interviews were completed. The overall completion rate among eligible households for the study was 60.8%. Of those completing the interview, the average number of phone calls required was 5.8 with a median of 4. The

refusal rate was 12.7%. Interviewers made nearly 34,100 phone calls to complete the data collection**.**

9. DOCUMENTATION AVAILABLE

The following documentation is available for this survey:

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

10. DATA FORMAT AND ARCHIVING

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

11. APPENDIX

a. Map of the MSU Extension Regions

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

Weighting Program for 1990 Census Profile of Michigan (MSUSOSS15: SUMMER, 1998, MSUE Regions)
Table 1. Phone Lines
Table 2. Number of Adults in Household
Table 3. Weighting for Race and Gender within Regions
Table 4. Weighting by Age within Region
Table 5. Weighting to fold Detroit into Southeast Region
Table 6. Weighting across Regions for Statewide Estimates

12. QUESTIONNAIRE (Summer, 1998)

>U1< [loc 0/500]Before we begin, let me tell you that this interview
      completely voluntary. All of your responses are completely
      confidential. Should we come to any question that you do not want
      to answer, please let me know and we will go onto the next
      question.

      type <1> to proceed ===>

>ID1< [allow 5][loc 13/1][#store csid in ID1][copy ID1 in ID1]
>R1< [allow 1][#preset <1>][copy R1 in R1]
>cnty< [allow 5][#inputloc 1/19][copy cnty in cnty]
>regn< [allow 1][#inputloc 1/26][copy regn in regn]
                          1 upper penn
                          2 northern
                          3 west central
                          4 east central
                          5 southwest
                          6 southeast
                          7 Detroit

>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
       better off or worse off financially than you were a year ago?

         <1> BETTER OFF
         <3> ABOUT THE SAME (R PROVIDED)
         <5> WORSE OFF
           [##md1=9][##md2=8][##blank=8]
         <8> DO NOT KNOW
         <9> REFUSED/NO ANSWER
      ===>

>CC2< Now looking ahead, do you think that a year from now, you
       (and your family living there) will be better off
       financially or worse off financially?

        <1> BETTER OFF
        <3> ABOUT THE SAME (R PROVIDED)
        <5> WORSE OFF
           [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED/NO ANSWER
       ===>

>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?

<1> EXCELLENT
<2> GOOD
<3> JUST FAIR
<4> NOT SO GOOD
<5> POOR
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED-NO ANSWER
===>

>CC4< During the next twelve months, 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 last 12 months?

<1> UP
<3> ABOUT THE SAME
<5> DOWN
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED-NO ANSWER
===>

>CC5< Twelve months from now, do you expect the unemployment
    situation in this country to be better than, worse than,
    or about the same as it was in the last 12 months?

<1> BETTER
<3> ABOUT THE SAME
<5> WORSE
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED-NO ANSWER

  ===>

>CC6< Now turning to business conditions in your community, do
    you think that during the [u]next twelve months[n] your
    community will have [u]good times[n] financially, or
    [u]bad times[n] financially?

<1> GOOD TIMES
<5> BAD TIMES
<3> NEITHER GOOD NOR BAD; MEDIOCRE STAY THE SAME(R PROVIDED)
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED-NO ANSWER
===>

>PO1< Now, I have a few questions about the performance of
    various public officials and branches of government.

    How would you rate the way Bill Clinton is performing his job

as President -- would you say excellent, good, fair, or poor?

```
     <1>  EXCELLENT
     <2>  GOOD
     <3>  FAIR
     <4>  POOR
       [##md1=9][##md2=8][##blank=8]
     <8>  DON'T KNOW
     <9>  REFUSED-NO ANSWER
   ===>
```

>PO2< How would you rate the way John Engler is performing
       his job as Michigan's governor -- (would you say excellent, good,
       fair, or poor?)

```
     <1>  EXCELLENT
     <2>  GOOD
     <3>  FAIR
     <4>  POOR
       [##md1=9][##md2=8][##blank=8]
     <8>  DON'T KNOW
     <9>  REFUSED-NO ANSWER
   ===>
```

>CD1<   Before we go any further, I would like to ask you a couple of general
        questions about your background.

        RECORD GENDER OF RESPONDENT HERE, ASK ONLY IF IN DOUBT:

```
   <1> MALE
   <5> FEMALE
       [##md1=9][##md2=8][##blank=8]
   ===>
```

>CD10< Including yourself, how many individuals who are 18 years
        of age or older live in your household?

```
    <1>  PERSON, ONLY RESPONDENT[goto CD12]
   <2-10> ADULTS
       [##md1=99][##md2=98][##blank=98]
   <98>  DO NOT KNOW
   <99>  REFUSED-NO ANSWER[goto CD12]
 ===>
```

>CD11< How many of these adults are [bold]over 64 years of age?[n]

   [r]COUNT ONLY THE ADULTS WHO ARE 65 YEARS OF AGE AND OLDER[n]

```
   <0-9>  ADULTS 65+
       [##md1=99][##md2=98][##blank=98]
   <98> DO NOT KNOW/NOT APPLICABLE
   <99> REFUSED-NO ANSWER
   ===>
```

>CD12< How many children younger than 18 live in your household?

```
     <0>  NONE [goto CD14]
    <1-10> CHILDREN
        [##md1=99][##md2=98][##blank=98]
     <98> DO NOT KNOW[goto CD14]
     <99> REFUSED-NO ANSWER[goto CD14]
    ===>
```

>CD13<   How many of these children are [bold]under 5 years of age?[n]

```
      <0>  NONE
    <1-10>  CHILDREN UNDER 5
        [##md1=99][##md2=98][##blank=98]
     <98>  DO NOT KNOW/NOT APPLICABLE
     <99>  REFUSED-NO ANSWER
   ===>
```

>CD14< Altogether, how many children have you ever had (including those no
    longer living and any you had from a previous marriage)?

```
    <0>  NONE, NEVER HAD CHILDREN
    <1-20> CHILDREN
        [##md1=99][##md2=98][##blank=98]
    <98> DO NOT KNOW
    <99> REFUSED-NO ANSWER
   ===>
```

>QL1<   Next, I would like to ask you some questions about quality of life
    in your community and for your family.

    First thinking about the role of the state government in
    regulating the quality of family life . . .

    Do you think the state government should seek to increase its
    role in [u]setting family health and safety standards[n], should it
    maintain its current level of involvement, or should it reduce
    its regulation of family health and safety standards?

```
   <1> INCREASE ITS ROLE
   <2> MAINTAIN CURRENT LEVEL
   <3> REDUCE REGULATION
        [##md1=9][##md2=8][##blank=8]
   <8> DO NOT KNOW
   <9> REFUSED
   ===>
```

>QL2< Do you think the state government is doing too much, about the right
    amount, or too little to provide [u]social support services[n] to
    Michigan's families?

```
   <1> TOO MUCH
   <2> THE RIGHT AMOUNT
   <3> TOO LITTLE
        [##md1=9][##md2=8][##blank=8]
```

<8> DO NOT KNOW
       <9> REFUSED
       ===>

>QL9< Do you think the well-being of children in your community
       has improved, stayed the same, or become worse in the past [u]five[n]
       years?

       <1> IMPROVED
       <2> STAYED THE SAME
       <3> BECOME WORSE
            [##md1=9][##md2=8][##blank=8]
       <8> DO NOT KNOW
       <9> REFUSED
       ===>

>QL11< Do you think that the state of Michigan should provide or support
        groups homes to care for unwanted or abandoned children?

       <1> YES
       <5> NO
            [##md1=9][##md2=8][##blank=8]
       <8> DO NOT KNOW
       <9> REFUSED
       ===>

>QL10< Now, thinking about race relations in our state, do you think that
        race relations in Michigan have improved, stayed the same, or become
        worse in the past five years?

       <1> IMPROVED
       <2> STAYED THE SAME
       <3> BECOME WORSE
            [##md1=9][##md2=8][##blank=8]
       <8> DO NOT KNOW
       <9> REFUSED
       ===>

>QL12< Now, thinking about public education, 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 your community were graded the same way.

        Taking all things into consideration, what grade would you give
        [u]your community's[n] public schools?

       <1> A+   <4> B+   <7> C+   <10> D+   <13> F
       <2> A   <5> B   <8> C   <11> D
       <3> A-   <6> B-   <9> C-   <12> D-
            [##md1=99][##md2=98][##blank=98]
       <98> DO NOT KNOW
       <99> REFUSED-NO ANSWER
       ===>

>QL8< Now, thinking about your own family, overall, how would you evaluate
the quality of your family life?

Would you say it is very high, high, average, low, or very low?

<1> VERY HIGH
<2> HIGH
<3> AVERAGE
<4> LOW
<5> VERY LOW
[##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED
===>

>QL3< Thinking about your everyday life, how important is your work in
giving your life meaning? Would you say it is very important,
somewhat important, or not important at all to you?

<1> VERY IMPORTANT
<2> SOMEWHAT IMPORTANT
<3> NOT IMPORTANT AT ALL

<7> NOT APPLICABLE/NOT EMPLOYED/RETIRED
[##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED
===>

>QL4< How important is your [u]family[n] in giving your life meaning?

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

<1> VERY IMPORTANT
<2> SOMEWHAT IMPORTANT
<3> NOT IMPORTANT AT ALL
[##md1=9][##md2=8][##blank=8]
<7> NOT APPLICABLE/NO FAMILY
<8> DO NOT KNOW
<9> REFUSED
===>

>QL5< How important are your [u]friends[n] in giving your life meaning?

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

<1> VERY IMPORTANT
<2> SOMEWHAT IMPORTANT
<3> NOT IMPORTANT AT ALL
[##md1=9][##md2=8][##blank=8]
<7> NOT APPLICABLE/NO FRIENDS

<8> DO NOT KNOW
          <9> REFUSED
          ===>

>QL6< How important are [u]consumer goods and entertainment[n] in giving
          your life meaning?

               [r]IWER: CONSUMER GOODS ARE WHAT PEOPLE BUY, SUCH AS CLOTHES,
               TELEVISIONS, BOATS, CARS, ETC[n]

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

          <1> VERY IMPORTANT
          <2> SOMEWHAT IMPORTANT
          <3> NOT IMPORTANT AT ALL
               [##md1=9][##md2=8][##blank=8]
          <8> DO NOT KNOW
          <9> REFUSED
          ===>

>QL7< How important are your beliefs, including religious beliefs (in
          giving your life meaning)?

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

          <1> VERY IMPORTANT
          <2> SOMEWHAT IMPORTANT
          <3> NOT IMPORTANT AT ALL
               [##md1=9][##md2=8][##blank=8]
          <8> DO NOT KNOW
          <9> REFUSED
          ===>

>P1< Next, I would like to ask you some questions about the role of
          universities in our community.

          Michigan State University faculty conduct research and provide
          information and help to the people of Michigan. As I read each
          of the following items, please tell me whether having more information
          and help from Michigan State University with each of these is a
          high priority, a medium priority, or a low priority in your
          community.

          (Providing information and help about) parenting?

          (Would you say this is a high priority, a medium priority, or
          a low priority in your community?)

          <1> HIGH PRIORITY
          <2> MEDIUM PRIORITY
          <3> LOW PRIORITY

[##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>P2< (Providing information about) helping parents and children to get along?

     (Would you say this is a high priority, a medium priority, or
      a low priority in your community?)

     <1> HIGH PRIORITY
     <2> MEDIUM PRIORITY
     <3> LOW PRIORITY
            [##md1=9][##md2=8][##blank=8]
     <8> DO NOT KNOW
     <9> REFUSED
     ===>

>P3< (Providing information and help about) improving the quality of air
      and water?

    (Would you say this is a high priority, a medium priority, or
     a low priority in your community?)

     <1> HIGH PRIORITY
     <2> MEDIUM PRIORITY
     <3> LOW PRIORITY
            [##md1=9][##md2=8][##blank=8]
     <8> DO NOT KNOW
     <9> REFUSED
     ===>

>P4< (Providing information and help about) reducing child abuse
       and neglect?

     (Would you say this is a high priority, a medium priority, or
      a low priority in your community?)

     <1> HIGH PRIORITY
     <2> MEDIUM PRIORITY
     <3> LOW PRIORITY
            [##md1=9][##md2=8][##blank=8]
     <8> DO NOT KNOW
     <9> REFUSED
     ===>

>P5< (Providing information and help about) reducing crime in neighborhoods?

    (Would you say this is a high priority, a medium priority, or
     a low priority in your community?)

     <1> HIGH PRIORITY
     <2> MEDIUM PRIORITY
     <3> LOW PRIORITY

[##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>P6< (Providing information and help about) reducing violence in schools?

     (Would you say this is a high priority, a medium priority, or
      a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>P7< (Providing information and help about) getting people off welfare?

     (Would you say this is a high priority, a medium priority, or
      a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>P8< (Providing information and help about) making health care more
     affordable and available?

     (Would you say this is a high priority, a medium priority, or
      a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>P9< (Providing information and help about) making more jobs available?

     (Would you say this is a high priority, a medium priority, or
      a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY

[##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P10< (Providing information and help about) advising families about
         managing money?

         (Would you say this is a high priority, a medium priority, or
          a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY
        <3> LOW PRIORITY
                    [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P11< (Providing information about) helping solve consumer problems?

         (Would you say this is a high priority, a medium priority, or
          a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY
        <3> LOW PRIORITY
                    [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P12< (Providing information and help about) reducing environmental pollutants
          in and around schools and child care facilities?

         (Would you say this is a high priority, a medium priority, or
          a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY
        <3> LOW PRIORITY
                    [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P13< (Providing information and help with) treating all people equally
          regardless of race, ethnicity, or sexual orientation?

         (Would you say this is a high priority, a medium priority, or
          a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY

<3> LOW PRIORITY
             [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P14< Providing information about child care providers for infants and
       preschool children?

       (Would you say this is a high priority, a medium priority, or
        a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY
        <3> LOW PRIORITY
             [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P15< (Providing information and help with) preventing drug use?

        (Would you say this is a high priority, a medium priority, or
         a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY
        <3> LOW PRIORITY
             [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED

        ===>

>P16< (Providing information and help with) addressing problems faced
        by the elderly?

        (Would you say this is a high priority, a medium priority, or
         a low priority in your community?)

        <1> HIGH PRIORITY
        <2> MEDIUM PRIORITY
        <3> LOW PRIORITY
             [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>P17< (Providing information and help with) running a family business?

        (Would you say this is a high priority, a medium priority, or
         a low priority in your community?)

<1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED

    ===>

>P18< (Providing information and help with) improving life skills training
    for youth?

    (Would you say this is a high priority, a medium priority, or
    a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED

    ===>

>P19< (Providing information and help with) providing food and nutrition
    information?

    (Would you say this is a high priority, a medium priority, or
    a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED

    ===>

>P20< (Providing information and help with) preventing disease?

    (Would you say this is a high priority, a medium priority, or
    a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED

===>

>P21< (Providing information and help with) reducing domestic violence?

    (Would you say this is a high priority, a medium priority, or
    a low priority in your community?)

    <1> HIGH PRIORITY
    <2> MEDIUM PRIORITY
    <3> LOW PRIORITY
       [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED

    ===>

>K1< I am going to list some methods that MSU could use to provide
    assistance to you and other members of your community. After I read
    each method, tell me whether you highly prefer MSU to use this method,
    somewhat prefer MSU to use this method, or would prefer MSU did not
    use this method at all.

    Providing information on radio programs?

    (Would you highly prefer MSU to use this method, somewhat prefer MSU
    to use this method, or would prefer MSU did not use this method at all).

    <1> HIGHLY PREFER THIS METHOD
    <2> SOMEWHAT PREFER THIS METHOD
    <3> NOT PREFER IT MUCH OR AT ALL
       [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>K2< Providing information on television?

    (Would you highly prefer MSU to use this method, somewhat prefer MSU
    to use this method, or would prefer MSU did not use this method at all).

    <1> HIGHLY PREFER THIS METHOD
    <2> SOMEWHAT PREFER THIS METHOD
    <3> NOT PREFER IT MUCH OR AT ALL
       [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>K3< (Providing information) through public schools?

    (Would you highly prefer MSU to use this method, somewhat prefer MSU
    to use this method, or would prefer MSU did not use this method at all).

<1> HIGHLY PREFER THIS METHOD
    <2> SOMEWHAT PREFER THIS METHOD
    <3> NOT PREFER IT MUCH OR AT ALL
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>K4< (Providing information) through pamphlets or other printed matter?

    (Would you highly prefer MSU to use this method, somewhat prefer MSU
    to use this method, or would prefer MSU did not use this method at all).

    <1> HIGHLY PREFER THIS METHOD
    <2> SOMEWHAT PREFER THIS METHOD
    <3> NOT PREFER IT MUCH OR AT ALL
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>K5< (Providing information) through the Internet (World Wide Web)?

    (Would you highly prefer MSU to use this method, somewhat prefer MSU
    to use this method, or would prefer MSU did not use this method at all).

    <1> HIGHLY PREFER THIS METHOD
    <2> SOMEWHAT PREFER THIS METHOD
    <3> NOT PREFER IT MUCH OR AT ALL
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>K6< (Providing information) through MSU's Extension personnel?

    (Would you highly prefer MSU to use this method, somewhat prefer MSU
    to use this method, or would prefer MSU did not use this method at all).

    <1> HIGHLY PREFER THIS METHOD
    <2> SOMEWHAT PREFER THIS METHOD
    <3> NOT PREFER IT MUCH OR AT ALL
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>SC1< Now, we are interested in knowing something about the relationships
    you have with family and friends.

    Do you have close family or relatives who live near-by or in your
    community?

    <1> YES

<5> NO
              [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW
        <9> REFUSED
        ===>

>SC2< How often do you get together with other family members who do not live
        in the same home with you?

        Would you say every day, every few days, every few weeks, every few
        months, once a year, or less than once a year?

        <1> EVERY DAY
        <2> EVERY FEW DAYS
        <3> EVERY FEW WEEKS
        <4> EVERY FEW MONTHS
        <5> ONCE A YEAR
        <6> LESS THAN ONCE A YEAR
              [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW[goto SC3]
        <9> REFUSED[goto SC3]
        ===>

>SC2a< What are the main reasons that you visit your family on a
        regular basis?

        0 SPECIFY REASON[#specify]

        <1> WE ARE CLOSE/I ENJOY THEIR COMPANY/VISIT/SOCIAL/COMPANIONSHIP
                  LOVE
        <2> THEY TAKE CARE OF MY CHILDREN/SEE GRANDCHILDREN
        <3> NEED ASSISTANCE/ILL/HELP OUT
        <4> HOLIDAYS/FAMILY CELEBRATIONS/SPECIAL OCCASIONS/VACATIONS
        <5> CHECK ON WELL-BEING
        <6> WORK/BUSINESS TOGETHER

              [##md1=99][##md2=0][##blank=0]
        <98> DO NOT KNOW
        <99> REFUSED
        ===>

>ID2< [allow 5][loc 14/1][#store csid in ID2][copy ID2 in ID2]
>R2< [allow 1][#preset <2>][copy R2 in R2]

>SC3< Suppose there were a serious emergency in your household. Is there a
        friend or relative living nearby who you could call on to spend a lot
        of time helping out?

        <1> YES
        <5> NO[goto SC4]
              [##md1=9][##md2=8][##blank=8]
        <8> DO NOT KNOW[goto SC4]
        <9> REFUSED[goto SC4]
        ===>

>SC3a< Would that be a friend, a relative, or both a friend and a relative?

    <0> NOT APPLICABLE
    <1> FRIEND
    <2> RELATIVE
    <3> BOTH FRIEND AND RELATIVE
        [##md1=99][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>SC4< How often are you called on to help friends or relatives in serious
    family emergencies? Would you say often, occasionally, or almost
    never?

    <1> OFTEN
    <2> OCCASIONALLY
    <3> ALMOST NEVER
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>SC4a< How recent was the last time that you helped a friend or relative
     who had a family emergency, not including attending a funeral?

     Was it in the last few days, the last few weeks, the last few
     months, within the last 12 months, or more than a year ago?

    <1> LAST FEW DAYS
    <2> LAST FEW WEEKS
    <3> LAST FEW MONTHS
    <4> WITHIN THE LAST 12 MONTHS
    <5> MORE THAN A YEAR AGO
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>SC5< Are you currently spending time helping someone other than your
     immediate family living in your home?

    <1> YES
    <5> NO[goto SC6]
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW[goto SC6]
    <9> REFUSED[goto SC6]
    ===>

>SC5a< What types of things are you expected to do? [allow 2]

        <0> NOT APPLICABLE
            <1> PROVIDE TRANSPORTATION (take people places)
            <2> CHILDCARE

    <3> HOUSEKEEPING/CHORES
    <4> HOME UPKEEP/YARD WORK
    <5> COMPANIONSHIP/VISITS
    <6> ERRANDS/SHOPPING (pick up prescriptions, mail, etc)
    <7> FINANCIAL SUPPORT
    <8> EMOTIONAL SUPPORT/COUNSELING/MENTOR
    <9> ASSISTANCE WITH PERSONAL NEEDS (bathing, dressing, provide care)
    <10> VOLUNTEER WORK - ELDERLY, CHILDREN, HOMELESS
    <11> CHARITABLE CONTRIBUTIONS - CLOTHES, FOOD, MONEY
    <98> DO NOT KNOW
    <99> REFUSED
    [##md1=99][##md2=0][##blank=0]
  ===>[#specify]

>SC6< Suppose in an emergency you needed several hundred dollars, more than
  you had available or could borrow from a bank.

  Would you ask a friend for it, a relative for it, either a friend or a
  relative, or would you not ask for it?

  <1> FRIENDS
  <2> RELATIVE
  <3> FRIEND OR A RELATIVE
  <4> NOT ASK FOR IT[goto SC8]
    [##md1=9][##md2=8][##blank=8]
  <8> DO NOT KNOW[goto SC8]
  <9> REFUSED[goto SC8]
  ===>

>SC7< If you were to borrow several hundred dollars from friends and/or
  family, what would you use the money for?

   0 OTHER: SPECIFY[#specify]

  <1> RENT/MORTGAGE   <13> HOME/AUTO MAINTENANCE
  <2> UTILITIES/OTHER BILLS/LIVING EXPENSES
  <3> MEDICAL EXPENSES
  <4> FOOD
  <5> TRANSPORTATION
  <6> CHILD CARE
  <7> EDUCATION
  <8> FUNERAL
  <9> WEDDING
  <10> VACATION   <11> CREDIT CARDS/LOANS
  <12> EMERGENCY[##md1=99][##md2=0][##blank=0]<98> DO NOT KNOW
  <99> REFUSED ===>

>SC8< In the last 5 years, how often have you borrowed several hundred (or
  more) dollars from a friend or family member? Would you say at least
  monthly, every few months, at least once a year, only one or two times,
  every couple of years, or never?

  <1> MONTHLY

<2> EVERY FEW MONTHS
<3> AT LEAST ONCE A YEAR
<4> ONE OR TWO TIMES
<5> EVERY COUPLE OF YEARS
<6> NEVER
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED
===>

>E1< Next, I have some questions about elderly family members and how
   they are cared for.

   Are you currently providing regular assistance to an older family member
   such as providing physical care, transportation, home upkeep, car repairs,
   or financial support?

   <1> YES[goto E2]
   <5> NO
      [##md1=9][##md2=8][##blank=8]
   <8> DO NOT KNOW
   <9> REFUSED
   ===>

>E1a< If you had an elderly family member who required long term special care,
   which one of the following would you choose? Home care by a family
   member, nursing home care, home health aides, day care, assisted living
   residential care, or something else?

   <1> HOME CARE BY A FAMILY MEMBER
   <2> NURSING HOME CARE
   <3> HOME HEALTH AIDES
   <4> DAY CARE
   <5> ASSISTED LIVING RESIDENTIAL CARE
   0 OTHER:SPECIFY[#specify]
      [##md1=99][##md2=0][##blank=0]
   <98> DO NOT KNOW
   <99> REFUSED
   ===>[goto E11]

>E2< Which of the following types of care are you currently providing?

   (Do you provide) physical care?

   <0> NOT APPLICABLE
   <1> YES
   <5> NO
      [##md1=9][##md2=0][##blank=0]
   <8> DO NOT KNOW
   <9> REFUSED
   ===>

>E3< (Do you provide) transportation?

<0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>E4< (Do you provide) home upkeep?

    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>E5< (Do you provide) car repairs?

    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>E6< (Do you provide) financial support?

    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>E7<   In the past month, how often did you provide this type of
    care? Was it more than once a week; about once a week; 2-3 times a
    month; once a month?

    <0> NOT APPLICABLE
    <1> MORE THAN ONCE A WEEK
    <2> ABOUT ONCE A WEEK
    <3> 2-3 TIMES A MONTH
    <4> ONCE A MONTH
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>E8< How many older relatives are you caring for in this way?

```
    <0> NOT APPLICABLE
    <1-20> RELATIVES
        [##md1=99][##md2=0][##blank=0]
    <98> DO NOT KNOW
    <99> REFUSED
    ===>
```

>E9< Does this person (or persons) live with you?

```
    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>
```

>E10< Thinking about your caregiving responsibilities for elderly family
    members during the past year. Have these responsibilities. . .

    Interfered with your leisure activities?

```
    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>
```

>E10b< Caused you to be less effective in your work?

```
    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>
```

>E10d< Adversely affected the quality of your family life?

```
    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>
```

>E11< To what extent do you agree or disagree with the following statement.

    Too many tax dollars are going to support older people.

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

<1> STRONGLY AGREE
<2> SOMEWHAT AGREE
<3> NEITHER AGREE OR DISAGREE
<4> SOMEWHAT DISAGREE
<5> STRONGLY DISAGREE
     [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED
===>

>E13< How concerned are you about retirement and other issues related to
aging? Would you say very concerned, somewhat concerned, not very
concerned, or not concerned at all?

<1> VERY CONCERNED
<2> SOMEWHAT CONCERNED
<3> NOT VERY CONCERNED
<4> NOT CONCERNED AT ALL
     [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED
===>

>CR1< Sometimes family members other than the elderly, for example those who
have a chronic illness, also require care.

Does anyone in your household or family have a chronic illness that
requires special or prolonged health care?

<1> YES
<5> NO[goto D1]
     [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW[goto D1]
<9> REFUSED[goto D1]
===>

>CR2< Has the individual with the chronic illness received counseling to help
them cope with this illness?

<0> NOT APPLICABLE
<1> YES
<5> NO[goto D1]
     [##md1=9][##md2=0][##blank=0]
<8> DO NOT KNOW[goto D1]
<9> REFUSED[goto D1]
===>

>CR3< Was the counseling for the individual with the illness only?

<0> NOT APPLICABLE
<1> YES[goto D1]

                <5> NO
                     [##md1=9][##md2=0][##blank=0]
                <8> DO NOT KNOW[goto D1]
                <9> REFUSED[goto D1]
                ===>

>CR4< Did the counseling include the spouse or other family members?

                <0> NOT APPLICABLE
                <1> YES
                <5> NO
                     [##md1=9][##md2=0][##blank=0]
                <8> DO NOT KNOW
                <9> REFUSED
                ===>

>CR5< Was the counseling recommended by the treating physician?

                <0> NOT APPLICABLE
                <1> YES
                  <5> NO
                     [##md1=9][##md2=0][##blank=0]
                <8> DO NOT KNOW
                <9> REFUSED
                ===>

>D1< Next we have some questions about child care. In general, what role
    do you think the government should have in regulating child care?

    Do you think it should regulate for minimal standards of health
    and safety -or-
    should it regulate for educational value, -or-
    should it act to improve safety, health, and education, -or-
    do you think government should have no role at all?

    <1> REGULATE FOR MINIMAL STANDARDS OF HEALTH, SAFETY,
    <2> REGULATE FOR EDUCATIONAL VALUE
    <3> ACT TO IMPROVE SAFETY, HEALTH, AND EDUCATION?
    <4> DO YOU THINK GOVERNMENT SHOULD HAVE NO ROLE AT ALL?
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>t3<   [if CD12 eq <0>][goto D5][endif]
       [if CD12 ge <98>][goto D5][endif]
    [if CD13 eq <0>][goto D5][endif]
       [if CD13 ge <98>][goto D5][endif]

>D2< What type of child care do you use most of the time for your child(ren)
    under 5?

    <0> DO NOT USE ANY TYPE OF CHILD CARE[goto D5]

<1> CHILD CARE IS PROVIDED BY SELF OR A SPOUSE
    <2> CHILD CARE CENTER OR FAMILY OR GROUP HOME
    <3> FAMILY MEMBER OTHER THAN PARENT
        [##md1=99][##md2=0][##blank=0]
    <4> SOME OTHER FORM OF CHILD CARE

    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>D3< What is the most important reason for having this type of child care
    for children under 5?

    <1> QUALITY
    <2> WORK SCHEDULE
    <3> SO THE CHILD CAN BE WITH A PARENT WHEN YOUNG
    <4> WANT CHILD WITH FAMILY MEMBER/TRUST FAMILY
            HAVE SAME VALUES/MORALS
    <5> DO NOT TRUST DAYCARE CENTERS/STRANGERS
    0 OTHER: SPECIFY
        [##md1=99][##md2=0][##blank=0]
    <98> DO NOT KNOW
    <99> REFUSED
    ===>

>D4< Are you satisfied with your current child care arrangements for your
    children under age 5, or would you prefer some other arrangements?

    <0> NOT APPLICABLE
    <1> SATISFIED WITH CARE
    <5> PREFER OTHER ARRANGEMENTS
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>D5< In your opinion, do you think it is all right to leave a child 10
     years old at home to care for younger siblings for about an hour?

    <1> YES
    <5> NO
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>CD2< Now I have a few background questions. These are for statistical
    analysis purposes only.

    In what year were you born?[allow 3]

   18 <95-99> YEAR
   19 <00-94> YEAR
        [##md1=999][##md2=998][##blank=998]

<d> DON'T KNOW   <999> <998>
       <r> REFUSED
       ===>

>cp4< [if CD2 eq <d>][store <998> in CD2][endif]
      [if CD2 eq <r>][store <999> in CD2][endif]

>CD3< What is the highest level of education that you have completed?[allow 2]

        <0> DID NOT GO TO SCHOOL [goto CD5a]
     <1-11> GRADE [goto CD5a]
       <12> HIGH SCHOOL GRADUATE OR GED HOLDER[goto CD5a]
    <13-15> SOME COLLEGE (ONE TO THREE YEARS)
       <16> COLLEGE GRADUATE (FOUR YEARS)
       <17> SOME POST GRADUATE
       <18> GRADUATE DEGREE

       <20> TECHNICAL SCHOOL OR JUNIOR COLLEGE GRADUATE
            [##md1=99][##md2=98][##blank=98]
       <98> DO NOT KNOW [goto CD5a]
       <99> REFUSED-NO ANSWER [goto CD5a]
      ===>

>CD5a< Now a couple of questions about your race and ethnicity.

       First are you Hispanic, Latino, or of Spanish origin?

       <1> YES- HISPANIC, LATINO, OR SPANISH ORIGIN
       <5> NO - NOT HISPANIC, LATINO, OR SPANISH ORIGIN
            [##md1=9][##md2=8][##blank=8]
       <8> DO NOT KNOW
       <9> REFUSED TO ANSWER

       ===>

>CD4a< Which of the following are you? Please specify one or more of
        the following:

        Are you white, African American or Black, Hawaiian or other
        Pacific Islander, Asian, or American Indian or Alaska Native?

       <1> WHITE (include: european background plus middle east/north
                african - eyqpt, iran, iraq, lebanon in this category)
       <2> AFRICAN AMERICAN OR BLACK
       <3> HAWAIIAN OR PACIFIC ISLANDER
       <4> ASIAN (include: india, pakistan, vietnam, cambodia, china,
             korea, etc)
       <5> AMERICAN INDIAN OR ALASKA NATIVE

            [##md1=9][##md2=8][##blank=8]
       <8> DO NOT KNOW[goto CD6]
       <9> REFUSED[goto CD6]
       ===>
>CD4b< (Are you white, African American or Black, Hawaiian or other

Pacific Islander, Asian, or American Indian or Alaska Native?)

    <0> NO OTHERS[goto CD6]
    <1> WHITE (include: european background plus middle east/north
                african - eyqpt, iran, iraq, lebanon in this category)
    <2> AFRICAN AMERICAN OR BLACK
    <3> HAWAIIAN OR PACIFIC ISLANDER
    <4> ASIAN (include: india, pakistan, vietnam, cambodia, china,
         korea, etc)
    <5> AMERICAN INDIAN OR ALASKA NATIVE
        [##md1=9][##md2=0][##blank=0]

    <8> DO NOT KNOW
    <9> REFUSED
    ===>
>CD4c< (Are you white, African American or Black, Hawaiian or other
        Pacific Islander, Asian, or American Indian or Alaska Native?)

    <0> NO OTHERS[goto CD6]
    <1> WHITE (include: european background plus middle east/north
                african - eyqpt, iran, iraq, lebanon in this category)
    <2> AFRICAN AMERICAN OR BLACK
    <3> HAWAIIAN OR PACIFIC ISLANDER
    <4> ASIAN (include: india, pakistan, vietnam, cambodia, china,
         korea, etc)
    <5> AMERICAN INDIAN OR ALASKA NATIVE
        [##md1=9][##md2=0][##blank=0]

    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>CD4d< (Are you white, African American or Black, Hawaiian or other
        Pacific Islander, Asian, or American Indian or Alaska Native?)

     <0> NO OTHERS[goto CD6]
    <1> WHITE (include: european background plus middle east/north
                african - eyqpt, iran, iraq, lebanon in this category)
    <2> AFRICAN AMERICAN OR BLACK
    <3> HAWAIIAN OR PACIFIC ISLANDER
    <4> ASIAN (include: india, pakistan, vietnam, cambodia, china,
         korea, etc)
    <5> AMERICAN INDIAN OR ALASKA NATIVE

        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>
>CD4e< (Are you white, African American or Black, Hawaiian or other
        Pacific Islander, Asian, or American Indian or Alaska Native?)

     <0> NO OTHERS[goto CD6]
    <1> WHITE (include: european background plus middle east/north
                african - eyqpt, iran, iraq, lebanon in this category)

<2> AFRICAN AMERICAN OR BLACK
    <3> HAWAIIAN OR PACIFIC ISLANDER
    <4> ASIAN (include: india, pakistan, vietnam, cambodia, china,
          korea, etc)
    <5> AMERICAN INDIAN OR ALASKA NATIVE
        [##md1=9][##md2=0][##blank=0]

    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>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)?

    <0> NONE; NO RELIGIOUS GROUP[goto CD7]
    <1> CATHOLIC; ROMAN CATHOLIC, ORTHODOX
    <2> ISLAMIC
    <3> JEWISH
    <4> PROTESTANT (includes Baptist, Lutheran, Presbyterian, Methodist
              Christian Reformed, Jehovah's Witness, Pentecostal,
              Apostolic, etc, LDS, Mormon)
    <5> OTHER NON-CHRISTIAN (Hindu, Buddhist)
    7 OTHER [#specify](SPECIFY)
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED-NO ANSWER

      ===>
>SC11< Are you a member of a church, temple, or mosque?

    <1> YES
    <5> NO
        [##md1=9][##md2=8][##blank=8]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

>SC12< How often do you attend church? More than once per week, every week,
      every few weeks, every few months, at least once a year, or less than
      once a year?

    <1> MORE THAN ONCE PER WEEK
    <2> EVERY WEEK
    <3> EVERY FEW WEEKS
    <4> EVERY FEW MONTHS
    <5> AT LEAST ONE A YEAR
    <6> LESS THAN ONCE A YEAR
        [##md1=9][##md2=8][##blank=8]
    <7> NEVER

    <8> DO NOT KNOW
    <9> REFUSED

===>

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

     <1> REPUBLICAN
     <4> INDEPENDENT [goto CD7C]
     <7> DEMOCRAT [goto CD7B]
         [##md1=9][##md2=8][##blank=8]
     <5> SOME OTHER PARTY MENTIONED[goto CD7D]
     <0> SOMETHING ELSE, NO PARTY MENTIONED: [#specify]SPECIFY [goto ptid]

     <8> DO NOT KNOW [goto ptid]
     <9> REFUSED-NO ANSWER [goto ptid]

          ===>

IF REPUBLICAN. . .
>CD7A< Would you call yourself a strong Republican or a not very
      strong Republican?

     <0> NOT APPLICABLE
     <1> STRONG REPUBLICAN
     <2> NOT A VERY STRONG REPUBLICAN
         [##md1=9][##md2=0][##blank=0]
     <8> DO NOT KNOW
     <9> REFUSED-NO ANSWER

     ===> [goto ptid]

IF DEMOCRAT. . .
>CD7B< Would you call yourself a strong Democrat or a not very
        strong Democrat?

     <0> NOT APPLICABLE
     <7> STRONG DEMOCRAT
     <6> NOT A VERY STRONG DEMOCRAT
         [##md1=9][##md2=0][##blank=0]
     <8> DO NOT KNOW
     <9> REFUSED-NO ANSWER
     ===> [goto ptid]

IF INDEPENDENT. . .
>CD7C< Do you generally think of yourself as closer to the
        Democratic Party or the Republican Party?

     <0> NOT APPLICABLE
     <3> REPUBLICAN
     <4> NEITHER (R PROVIDED)
     <5> DEMOCRAT
         [##md1=9][##md2=0][##blank=0]
     <8> DO NOT KNOW

        <9> REFUSED-NO ANSWER
        ===>[goto ptid]

>CD7D< What is [u]other[n] party (you usually vote for)?

    0 MENTIONED PARTY: SPECIFY[#specify]

        <1> LIBERTARIAN
        <2> SOCIALIST

        <7> NO PARTY-VOTE FOR PERSON
        [##md1=99][##md2=0][##blank=0]
    <95> NO MENTION
    <98> DO NOT KNOW
    <99> REFUSED
    ===>

>ptid< [allow 1][copy ptid in ptid]
     [if CD7A eq <1>][store <1> in ptid][endif]   1 strong republican
     [if CD7A eq <2>][store <2> in ptid][endif]   2 not strong rep
     [if CD7A eq <8>][store <8> in ptid][endif]   3 lean republican
     [if CD7A eq <9>][store <9> in ptid][endif]   4 neither
     [if CD7B eq <6>][store <6> in ptid][endif]   5 lean democrat
     [if CD7B eq <7>][store <7> in ptid][endif]   6 not strong dem
     [if CD7B eq <8>][store <8> in ptid][endif]   7 strong dem
     [if CD7B eq <9>][store <9> in ptid][endif]   8 do not know
     [if CD7C eq <3>][store <3> in ptid][endif]   9 refused
     [if CD7C eq <4>][store <4> in ptid][endif]
     [if CD7C eq <5>][store <5> in ptid][endif]
     [if CD7C eq <8>][store <8> in ptid][endif]
     [if CD7C eq <9>][store <9> in ptid][endif]
    [if CD7 eq <8>][store <8> in ptid][endif]
    [if CD7 eq <0>][store <0> in ptid][endif]
    [if CD7 eq <9>][store <9> in ptid][endif]

>CD8< Are you currently married, divorced, separated,
    widowed, member of an unmarried couple, or have you never been married?

    <0> REMARRIED
    <1> MARRIED
    <2> DIVORCED[goto D14a]
    <3> SEPARATED[goto D14a]
    <4> WIDOWED[goto D14a]
    <5> MEMBER OF AN UNMARRIED COUPLE[goto D14a]
    <6> SINGLE, NEVER BEEN MARRIED[goto D14a]
       [##md1=9][##md2=8][##blank=8]
    <7> OTHER [#specify](R PROVIDED) [goto D14a]
    <98> DO NOT KNOW [goto D14a]
    <99> REFUSED-NO ANSWER [goto D14a]
    ===>

>QL13< How satisfied are you with your marriage? Are you very
    satisfied, somewhat satisfied, somewhat dissatisfied, or not
    satisfied at all?

<0> NOT APPLICABLE
<1> VERY SATISFIED
<2> SOMEWHAT SATISFIED
<3> NEITHER SATISFIED OR DISSATISFIED
<4> SOMEWHAT DISSATISFIED
<5> VERY DISSATISFIED
    [##md1=9][##md2=0][##blank=0]
<8> DO NOT KNOW
<9> REFUSED
===>

>Q14< Do you sometimes think of divorcing or separating from your
    spouse?

<0> NOT APPLICABLE
<1> YES
<5> NO
    [##md1=9][##md2=0][##blank=0]
<8> DO NOT KNOW
<9> REFUSED
===>

>D14a< Do you rent or do you own your own home?

  [r] CODER: LIVE WITH PARENTS IS SAME AS OWN HOME[n]

<1> RENT
<5> OWN (INCLUDES PAYING MORTGAGE CURRENTLY)
<7> OTHER [#specify]
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED-NO ANSWER

===>

>SC9< Before you moved to the house/apartment that you are currently living
    in, did you live in the same neighborhood, same city, same state, a
    different state, or a different country?

<1> SAME NEIGHBORHOOD
<2> SAME CITY
<3> SAME STATE
<4> DIFFERENT STATE
<5> DIFFERENT COUNTRY
    [##md1=9][##md2=8][##blank=8]
<8> DO NOT KNOW
<9> REFUSED
===>

>ID3< [allow 5][loc 15/1][#store csid in ID3][copy ID3 in ID3]
>R3< [allow 1][#preset <3>][copy R3 in R3]

>t2< [if CD12 eq <0>][goto CD15][endif]

>SC10< The last time you moved, did your child change schools as a result of
    the move?

    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED
    ===>

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

    [r]IF THE R MENTIONS TWO THINGS, ASK 'Which one would you say you
    do the most or takes up most of your time?[n]

     <0> SELF EMPLOYED EITHER FULL OR PART TIME
     <1> WORK FULL TIME
     <2> WORK PART TIME
     <3> WORK AND GO TO SCHOOL
     <4> IN THE ARMED FORCES
     <5> HAVE A JOB, BUT NOT AT WORK LAST WEEK (ON VACATION OR LEAVE)
     <6> UNEMPLOYED, LAID OFF, LOOK FOR WORK[goto CD20]
     <7> RETIRED [goto CD22]
     <8> SCHOOL FULL TIME[goto CD22]
     <9> HOME-MAKER [goto CD22]
     <10> DISABLED[goto CD22]
     s <97> OTHER [#specify]
     <98> DO NOT KNOW[goto CD22]
     <99> REFUSED-NO ANSWER[goto CD22] ===>

>15cd< [if CD15 eq <s>][store <97> in CD15][endif]

>CD17< Do you currently work for pay at more than one job?

    <0> NOT APPLICABLE
    <1> YES
    <5> NO
        [##md1=9][##md2=0][##blank=0]
    <8> DO NOT KNOW
    <9> REFUSED-NO ANSWER

    ===>

>CD18< On average, how many hours per week do you work at your
     main job?[allow 3]

    <0> NOT APPLICABLE
    <1-75> HOURS PER WEEK
            [##md1=99][##md2=0][##blank=0]
    <98> DO NOT KNOW

<99> REFUSED-NO ANSWER

===>

>c01< [if CD17 ge <5> goto CD20] IF YES TO HAVING MORE
                      THAN ONE JOB GO TO CD19,
                      OTHERWISE SKIP TO CD21

>CD19< On average, how many hours per week do you work at any
       jobs other than your main job?

   <0> NOT APPLICABLE
   <1-40> HOURS PER WEEK
       [##md1=99][##md2=0][##blank=0]
    <98> DO NOT KNOW
    <99> REFUSED-NO ANSWER

   ===>

>CD20< Have you been actively looking for work or a different job?

   <0> NOT APPLICABLE
   <1> YES
   <5> NO
       [##md1=9][##md2=0][##blank=0]
   <8> DO NOT KNOW
   <9> REFUSED TO ANSWER

   ===>

>CD22< In your main (last) job, are (were) you self-employed or
       do (did) you work for someone else?

   <0> NOT APPLICABLE
   <1> SELF-EMPLOYED
   <5> WORK FOR SOMEONE ELSE
       [##md1=9][##md2=0][##blank=0]
   <8> DO NOT KNOW
   <9> REFUSED TO ANSWER
   ===>

>CD23< (In your main job,) (do/did) you work for an hourly wage,
       an annual salary, or something else?

   <0> NOT APPLICABLE
   <1> HOURLY WAGE
   <3> ANNUAL SALARY
   <5> ON COMMISSION (R PROVIDED)
   <7> OTHER [#specify]
       [##md1=9][##md2=0][##blank=0]
   <8> DO NOT KNOW
   <9> REFUSED TO ANSWER

===>

>CD21< In your main (last) job, what kind of work do (did) you
        normally do? That is, what is (was) your job called?
        [allow 4]

  0 OCCUPATION (TYPE IN OCCUPATION TITLE AND NOTES)[#specify]

  <1-9997> SOC CODE
  <d> DO NOT KNOW   <9998>
  <r> REFUSED   <9999>
  <n> NEVER WORKED   <9997>
     ===>

>cp21< [if CD21 eq <d>][store <9998> in CD21][endif]
      [if CD21 eq <r>][store <9999> in CD21][endif]
      [if CD21 eq <n>][store <9997> in CD21][endif]

>INC1< To get a picture of people's financial situations, we'd
       like to know the general [u]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 household's total
       annual income from all sources (including your job), did
       your household receive $30,000 or more in 1996?

       <0> NOT APPLICABLE
       <1> YES ($30,000 OR MORE)[goto INC4]
       <5> NO   (LESS THAN $30,000)
          [##md1=99][##md2=0][##blank=0]
       <98> DON'T KNOW-NO OPINION[goto lh31]
       <99> REFUSED-NO ANSWER[goto lh31]
       ===>

>INC2< Was it $20,000 or more?

       <0> NOT APPLICABLE
       <1> YES ($20,000 - 29,999)[goto inca]
       <5> NO   (LESS THAN $20,000)[goto INC3]
          [##md1=99][##md2=0][##blank=0]
       <98> DON'T KNOW-NO OPINION[goto lh31]
       <99> REFUSED-NO ANSWER[goto lh31]

       ===>

>inca< Was it $25,000 or more?

       <0> NOT APPLICABLE
       <1> YES ($25,000 - 29,999)[goto lh31]
       <5> NO   (LESS THAN $25,000)[goto lh31]
          [##md1=99][##md2=0][##blank=0]
       <98> DON'T KNOW-NO OPINION[goto lh31]
       <99> REFUSED-NO ANSWER[goto lh31]
       ===>

>INC3< Was it $10,000 or more?

    <0> NOT APPLICABLE
    <1> YES ($10,000 - 19,999)
    <5> NO   (LESS THAN $10,000) [goto lh31]
       [##md1=99][##md2=0][##blank=0]
    <98> DON'T KNOW-NO OPINION [goto lh31]
    <99> REFUSED-NO ANSWER [goto lh31]
    ===>

>incb< Was it $15,000 or more?

    <0> NOT APPLICABLE
    <1> YES ($15,000 - 19,999)
    <5> NO   (LESS THAN $15,000)
       [##md1=99][##md2=0][##blank=0]
    <98> DON'T KNOW-NO OPINION
    <99> REFUSED-NO ANSWER
    ===> [goto lh31]

>INC4< Was it $60,000 or more?

    <0> NOT APPLICABLE
    <1> YES[goto INC7]   ($60,000 OR MORE)
    <5> NO   (MORE THAN $30,000 LESS THAN $60,000)
       [##md1=99][##md2=0][##blank=0]
    <98> DON'T KNOW-NO OPINION[goto lh31]
    <99> REFUSED-NO ANSWER[goto lh31]
    ===>

>INC5< Was it $40,000 or more?

    <0> NOT APPLICABLE
    <1> YES   ($40,000 OR MORE)[goto INC6]
    <5> NO   ($30,000 - 39,999)
       [##md1=99][##md2=0][##blank=0]
    <98> DON'T KNOW-NO OPINION[goto lh31]
    <99> REFUSED-NO ANSWER [goto lh31]

    ===>
>incc< Was it $35,000 or more?

    <0> NOT APPLICABLE
    <1> YES   ($35,000 - 39,999)
    <5> NO   ($30,000 - 34,999)[goto lh31]
       [##md1=99][##md2=0][##blank=0]
    <98> DON'T KNOW-NO OPINION[goto lh31]
    <99> REFUSED-NO ANSWER [goto lh31]

    ===> [goto lh31]

>INC6< Was it $50,000 or more?

     <0> NOT APPLICABLE
     <1> YES   ($50,000 - 59,999)
     <5> NO   ($40,000 - 49,999)
        [##md1=99][##md2=0][##blank=0]
     <98> DON'T KNOW/NO OPINION
     <99> REFUSED/NO ANSWER

     ===> [goto lh31]

>INC7< Was it $80,000 or more?

     <0> NOT APPLICABLE
     <1> YES   ($80,000 OR MORE)[goto INC9]
     <5> NO   ($60,000 - 79,999)
        [##md1=99] [##md2=0][##blank=0]
     <98> DON'T KNOW-NO OPINION [goto lh31]
     <99> REFUSED-NO ANSWER [goto lh31]
     ===>

>INC8< Was it $70,000 or more?

     <0> NOT APPLICABLE
     <1> YES   ($70,000 - 79,999)
     <5> NO   ($60,000 - 69,999)
        [##md1=99][##md2=0][##blank=0]
     <98> DON'T KNOW-NO OPINION
     <99> REFUSED-NO ANSWER
     ===> [goto lh31]

>INC9< Was it $100,000 or more?

     <0> NOT APPLICABLE
     <1> YES   ($100,000 OR MORE)[goto NC11]
     <5> NO   ($80,000 - 99,999)
        [##md1=99][##md2=0][##blank=0]
     <98> DON'T KNOW-NO OPINION[goto lh31]
     <99> REFUSED-NO ANSWER[goto lh31]
     ===>

>NC10< Was it $90,000 or more?

     <0> NOT APPLICABLE
     <1> YES   ($90,000 - 99,999)
     <5> NO   ($80,000 - 89,999)
        [##md1=99][##md2=0][##blank=0]
     <98> DON'T KNOW-NO OPINION
     <99> REFUSED-NO ANSWER

     ===>[goto lh31]

>NC11< Was it $110,000 or more?

     <0> NOT APPLICABLE
     <1> YES   ($110,000 OR MORE)
     <5> NO   ($100,000 - 109,999)
       [##md1=99][##md2=0][##blank=0]
     <98> DON'T KNOW-NO OPINION
     <99> REFUSED-NO ANSWER

     ===>

>lh31< [if NC11 eq <1>][store <15> in INC][endif] 110,000 or more
     [if NC11 eq <5>][store <14> in INC][endif] 100,000 - 109,999
     [if NC10 eq <1>][store <13> in INC][endif]   90,000 - 99,999
     [if NC10 eq <5>][store <12> in INC][endif]   80,000 - 89,999
     [if INC8 eq <1>][store <11> in INC][endif]   70,000 - 79,999
     [if INC8 eq <5>][store <10> in INC][endif]   60,000 - 69,999
     [if INC6 eq <1>][store < 9> in INC][endif]   50,000 - 59,999
     [if INC6 eq <5>][store < 8> in INC][endif]   40,000 - 49,999
     [if incc eq <1>][store < 7> in INC][endif]   35,000 - 39,999
     [if incc eq <5>][store < 6> in INC][endif]   30,000 - 34,999
     [if inca eq <1>][store < 5> in INC][endif]   25,000 - 29,999
     [if inca eq <5>][store < 4> in INC][endif]   20,000 - 24,999
     [if incb eq <1>][store < 3> in INC][endif]   15,000 - 19,999
     [if incb eq <5>][store < 2> in INC][endif]   10,000 - 14,999
     [if INC3 eq <5>][store < 1> in INC][endif] $10,000 or less

     [if INC1 eq <98>][store <98> in INC][endif]
     [if INC1 eq <99>][store <99> in INC][endif]

>INC<   [allow 2][copy INC in INC]

>c02<   [if CD15 le <5>][goto CD25]
     [else]
     [goto CD26]
     [endif]

>CD25< What is the gross annual income from your main job --
     that is, before taxes or other deductions?

     [r]IWER: DOUBLE CHECK YOUR ENTRY HERE [n]

    <0> NOT APPLICABLE
    <1-100000000> $ DOLLARS
      [##md1=99999999][##md2=0][##blank=0]
    <d> DO NOT KNOW   <99999998>
    <r> REFUSED   <99999999>

     ===>
>25cd< [if CD25 eq <d>][store <99999998> in CD25][endif]

[if CD25 eq <r>][store <99999999> in CD25][endif]

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

  [r]IWER; Remember we are asking about phone numbers not[n]
  [r]   extensions[n]

     <1-8> DIFFERENT PHONE NUMBERS
     <9> REFUSED
         [##md1=9][##md2=8][##blank=8]
     ===>

>RI< In a couple of months, we'd like to re-contact some of the
     people we've spoken with for a short 5 or 6 minute interview.
     Would you be willing to participate again in a couple of months
     if it would only take 5 or 6 minutes?

     <1> YES
     <5> NO[goto MOD7]
          [##md1=9][##md2=8][##blank=8]
     <8> DO NOT KNOW
     <9> REFUSED[goto MOD7]
     ===>

>RI2< So we'll know whom to ask for when we call back, could I get your first
      name? [allow 10]

      [r]IWER: PLEASE TYPE IN THE PERSON'S FIRST NAME WITHOUT ///[n]

      ===>[goto MOD7]

>ID4< [allow 5][loc 16/1]
>R4< [allow 1]

>FNL1< [allow 2]
>DAT1< [allow 6]
>TCT1< [allow 2]
>INV1< [allow 3]
>TIM1< [allow 4]