METHODOLOGICAL REPORT

MICHIGAN STATE UNIVERSITY

STATE OF THE STATE SURVEY

[MSU SOSS-22]

Summer 2001 Round

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NOTE TO THE READER

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

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

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

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

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

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

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

2. To Provide Data for Scientific and Policy Research by MSU faculty. MSU's faculty will use the data from the State of the State Survey to address a wide variety of issues in public policy. What are the factors associated with the declining levels of confidence in governmental institutions? To what extend does social and economic status

affect tolerance and mutual trust between ethnic and racial groups? Are subjective perceptions of environmental quality related to "objective" measures of environmental quality in Michigan's counties? These are only a few examples of the types of questions that the principal researchers will address using the SOSS results. To serve the interests of a wider scientific community, the SOSS data will be deposited in an international data archive.

3. <u>To Provide Useful Information for Programs and Offices at MSU</u>. 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. <u>To Develop Survey Methods</u>. 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. <u>To Provide Opportunities for Student Training and Research</u>. 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 22 was on a variety of health related issues and on individuals' volunteer activities relationships to non-profit organizations.

3. STRUCTURE OF THE QUESTIONNAIRE

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

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

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

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

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

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

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

4. MANAGEMENT AND ORGANIZATION

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

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

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

The <u>Working Group</u> for the Summer 2001 survey was comprised of:

Mark Wilson, Ph.D., Professor, Dept. of Geography, College of Social Science

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

David Nerenz, Director and Professor, Managed Care Institute, College of Human Medicine

Larry Hembroff, Ph.D., Director, Office for Survey Research, IPPSR

5. FUNDING

The following organizations and units on campus have provided funding for SOSS during the 1995-2001 series of surveys:

Organizations

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

Michigan State University

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

6. DISSEMINATION OF RESULTS

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

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

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

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

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

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

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

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

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

1. <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 alternative regional groupings, each respondent's county of residence is also coded on the data set.

Sampling. Respondents' households were selected using list-assisted random-digit dial sampling procedures. Ordinarily, the initial sample of randomly generated telephone numbers is purchased from Survey Sampling, Inc (SSI). SSI begins the process of generating phone numbers with the list of all working area code and phone number exchange combinations. In the case of this study, this universe was constrained to include only those that are active in the state of Michigan. From within this list of possible phone numbers, SSI eliminates those banks of numbers represented by the 4-digit suffix that are known to be unused or are known to be used only by institutions. Additionally, for efficiency purposes, the overall sampling frame is truncated to include only those blocks of numbers that contain at least two listed numbers. 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 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 SSI excludes for efficiency purposes any numbers that are selected from banks with

fewer than two published phone numbers. Of the remaining numbers selected, SSI expects that, on average, about 55-70% of the phone numbers generated at random will be working household numbers. 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-22, a total of 5,479 phone numbers were used. The working phone rate was 62%.

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.

For SOSS-22, OSR asked Survey Sampling to cross-check the selected RDD sample against the residential telephone directory listings for Michigan. Where an RDD phone number matched a directory listing, SSI downloaded the name and address of the householder listed. OSR used these listing to send an advance notification postcard to the name and address listed. These advance notification postcards were withheld for a random subset of the listings for Regions 3, 6, and 7 as a part of an experiment on the impact of such mailings. Other published research and internal OSR experiments have indicated that such advance notifications can reduce refusals, increase response rates, and sometimes decrease the number of call attempts required to complete an interview. In the RDD sample obtained by Survey Sampling, 53% of the numbers had a matching listing – 68% of the completed interviews were with phone numbers that had matching listings.

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.

9

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. 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.

For SOSS-22, the numbers of interviews completed for each of Michigan's counties was then compared against the expected number based on the distribution of adults across Michigan's counties. Each case was then weighted to adjust for any over or under representation of counties in the sample. At this point, the adjustment was intended primarily to facilitate accurate weighting to adjust for non-response based on age, gender, and age within SOSS regions.

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

For the State of the State Survey, cases were weighted so that the proportions of white males, African American males, Other Racial Group males, white females, African American females, and Other Racial Group females in the sample for each region matched the proportions each of these groups represent in the adult population of each region based on the 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 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.

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.

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

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

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

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

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:

REGION	Number of Cases	Margin of Sampling Error
Upper Peninsula	67	± 12.1%
Northern Lower Peninsula	82	± 10.9%
West Central	196	± 7.0%
East Central	153	± 7.9%
Southwest	154	± 7.9%
Southeast	185	± 7.2%
Detroit	141	± 8.3%
Statewide Total	978	± 3.1%

8. FIELD PROCEDURES

CATI System. Interviews were conducted using the Computer Assisted Telephone Interviewing system (CATI) of IPPSR's Office for Survey Research (OSR). OSR uses the CASES (version 4.3) software for its CATI system. CASES was developed by the University of California–Berkeley, the U.S. Census Bureau, and the U.S. Department of Agriculture. In a CATI system, the completed interview is scripted and then programmed so that, when executed from a computer workstation, each question or instruction is presented on the computer screen in order to the interviewer. The program then indicates what numeric codes or text the interviewer is allowed to enter as responses to each of the questions. When entered, the responses are stored directly into the data set for the study.

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

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

Experienced interviewers received approximately two hours of study specific training to acquaint them with the study protocols, the interview instrument, and the objectives of the various questions. New interviewers were also given this information as a part of their training. Because of the timing of this survey relative to the start of the fall semester and the volume of other projects being conducted at the same time, SOSS-22 had a larger than usual number of newly hired and trained interviewers. One hundred and seventeen different

interviewers were involved in data collection on the 22th State of the State Survey. About half 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 September 4, 2001 and continued through the October 31, 2001. The terrorist attack on the World Trade Center occurred one week after the survey began and the anthrax attacks on targets in Washington, Florida, and New York occurred two weeks after the start of the survey. Interviewing was halted for several days immediately following the World Trade Center attack. Both of these created a strong patriotic mood in the country, but also a somewhat heightened distrust of strangers. These resulted in the survey taking longer than planned and apparently contributed to a lower response rate than usual for SOSS.

When interviewers successfully contacted a household, the study procedures required them to randomly select an adult from among those residing in the household to be the respondent. The Trohldahl-Carter technique was used as the mechanism for choosing a respondent within each household.

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

The average interview lasted approximately ***22.2 minutes (s.d. = 5.1) with the median being 21 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. Interviews were successfully completed with 193 households that had initially refused.

Completion Rate. A total of 978 interviews were completed. The overall completion rate among eligible households for the study was 42.4%[1]. Of those completing

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[1] This is based on computation and classification coding developed by the advisory team for SOSS. Since then, the American Association of Public Opinion Research has published Standard Definitions as a guide to developing more nearly standard formulas for computing response rates,

(continued...)

the interview, the mean number of calls required was 5.2 (s.d. = 4.8) and the median number of phone calls required was 4. Interviewers made a total of 46,074 calls to complete the 978 interviews.

The refusal rate was 22.8%.

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.

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[1](...continued)
cooperation rates, refusal rates, and contact rates. Using AAPOR's formula RR4, the response rate for SOSS-22 was 39.4%, the refusal rate (REF2) was 23.5%,the cooperation rate was 62.7%, and the contact rate was 99.1%.

11. APPENDIX

12. QUESTIONNAIRE (Summer, 2001)

>CONSENT< [loc 0/550]

Before we begin, let me tell you that this interview is 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.

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

type g to proceed @

   [@]<g>

>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 1][#inputloc 1/23][copy cnty in cnty]
>regn<   [allow 1][#inputloc 1/29][copy regn in regn]
>voltime< [allow 4]
>volstart< [allow 4]
>volend< [allow 4]
>tbtime< [allow 4]
>tbstart< [allow 4]
>tbend< [allow 4]
>fdtime< [allow 4]
>fdstart< [allow 4]
>fdend< [allow 4]
>suntime< [allow 4]

>sunstart< [allow 4]
>sunend< [allow 4]
>medtime< [allow 4]
>medstart< [allow 4]
>medend< [allow 4]
>costst< [allow 4]
>costend< [allow 4]
>costtime< [allow 4]

>CC1< [allow int 1]

   In this first part of the survey, I'd like to ask 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>[missing] DON'T KNOW <9>[missing] REFUSED

>CC2< [allow int 1]

  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>[missing] DON'T KNOW <9>[missing] REFUSED

>CC3< [allow int 1]

  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>[missing] DON'T KNOW <9>[missing] REFUSED
```

>CC4< [allow int 1]

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

```
        GO UP.............................1
        GO DOWN ..........................3
        STAY ABOUT THE SAME.................5 @
      +------------------------------------+
        DO NOT KNOW..................8
        REFUSED/NO ANSWER............9

      [@]<1> GO UP <3> GO DOWN <5> STAY ABOUT THE SAME
        <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>CC5< [allow int 1]

 [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 <3> WORSE THAN <5> ABOUT THE SAME
        <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>CC6< [allow int 1]

 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 GOOD NOR BAD
  <8>[missing] DON'T KNOW <9>[missing] REFUSED

>N1< [settime volstart]

The next part of our interview focuses on the many different things
people do to assist others, such as giving money and time to
charities or non-profit organizations.

Have you or members of your family or household contributed money
and/or property to a charity or non-profit organization in the
[green]past 12 months[n]?

<1> YES [goto G21]
<5> NO [goto G19]

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

>G19<

There are many reasons why a person might not contribute money to charitable
causes. Can you tell me why you and the members of your household did not
make a charitable contribution during 2000?

    YES........1   DON'T KNOW........7
    NO.........2   REFUSED...........9

 Was it because.....

@ask No one personally asked us to give.

@nomon We could not afford to give money in 2000.

@money We would rather volunteer than give money.

@freq We were being asked to give too frequently.

@eff We don't think the money will be used efficiently.

@prof We think charities are becoming too much like for-profit companies.

@other Some other reason (specify)

```
        LACK OF TRUST..........................3
          (include unsure if real agency/phoney)
        CANNOT AFFORD TO DO SO.................4
          (include:  fixed income, no income/no job, etc)
        NOT ASKED TO GIVE......................5
        TOO MUCH SPENT ON ADMINISTRATION/SALARIES.....6
        UNABLE TO GET HELP FROM CHARITIES FOR SELF....8
        MISCELLANEOUS.................................0
```

[@ask][allow int 1] <1> MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@nomon][allow int 1] <1> MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@money][allow int 1] <1> MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@freq][allow int 1] <1> MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@eff][allow int 1] <1> MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@prof][allow int 1] <1> MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@other][allow int 1] 1[#specify] MENTIONED <2> NOT MENTIONED
        <7>[missing] DON'T KNOW <9>[missing] REFUSED
        <3> LACK OF TRUST
        <4> CANNOT AFFORD TO DO SO
        <5> NOT ASKED TO GIVE
        <6> TOO MUCH SPENT ON ADMINISTRATION/SALARIES
        <8> UNABLE TO GET HELP FROM CHARITIES FOR SELF
        <0> MISCELLANEOUS

[default goto A2F]

>G21<

  There are many reasons why a person contributes money to charitable
  causes. Please tell me if each of the following reasons describes
  why you or members of your household made a charitable contribution
  during 2000.

        YES........1   DON'T KNOW........7
        NO.........2   REFUSED...........9

     Was it because .....

  @a Personally asked to contribute?

  @b The government allows an income tax deduction for contributions?

  @c To fulfill religious obligations or beliefs?

  @d Feel that something is owed to the community?

@e Feel that those who have more should give to those who have less?

[@a][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@b][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@c][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@d][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@e][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED

>N16< Do you think that you have or will contribute more, less, or about
     the same [green]this year[n] as you did [green]last year[n]?

    <1> MORE
    <3> LESS
    <5> ABOUT THE SAME

    <8> DO NOT KNOW
    <9> REFUSED

    ===>
>A2F<

   The next set of questions is about faith-based organizations. For the
   first question, I would like you to tell me whether or not you
   agree.

   The government should give money to faith-based organizations so that
   they can expand their services to the poor.

   (Would you say you agree or disagree with this.)

  IWER: IF NEEDED: A faith-based organization is any organization
      that is affiliated with a religion, such as churches, temples,
      mosques, the Salvation Army, and the Society of St. Vincent de Paul.

    <1> AGREE
    <5> DISAGREE

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

>A3A< [allow int 1]

   How effective do you believe local religious congregations are at serving
   the needs of the poor? Would you say very effective, somewhat effective,
   or not at all effective?

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

   <7> DON'T KNOW
   <9> REFUSED

===>

>V12< [allow int 1]

Now I'm going to ask you about your use of the Internet.

Do you have access to the Internet?

<1> YES
<5> NO [goto V1]

<8> DO NOT KNOW [goto V1]
<9> REFUSED [goto V1]
===>

>G22<

[if adult ge <2>]
Have you or members of your household used the Internet to find out more
about a charitable organization?
[endif]
[if adult eq <1>]
Have you used the Internet to find out more about a charitable organization?
[endif]

<1> YES
<5> NO

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

>G23<

[if adult ge <2>]
Have you or members of your household ever made a charitable contribution
through the Internet?
[endif]
[if adult eq <1>]
Have you ever made a charitable contribution through the Internet?
[endif]

<1> YES
<5> NO

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

>V12A<

Did you use the Internet to search for volunteer opportunities, learn about

volunteer organizations, or do other similar activities?

    <1> YES
    <5> NO

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

>V1<

    Next, I would like to ask you some questions about your volunteer
    activities.

    During the past 12 months, did you volunteer for any type of
    organization?

    <1> YES
    <5> NO [goto tb1]

    <8> DO NOT KNOW [goto tb1]
    <9> REFUSED [goto tb1]
    ===>

>V14< [if V1 ne <1>][goto tb1][endif]

 I am going to describe ways people find out about volunteer activities. For
 each one, please indicate whether it was a way you learned about your
 volunteer activities.

        YES........1   DON'T KNOW........7
        NO.........2   REFUSED...........9

  @a Did you have a family member or a friend in the activity or
      benefiting from the activity? [cyan]includes: FRIENDS/FAMILY TOLD
      ABOUT IT/SOMEONE KNOW BENEFITS FROM GROUP/KIDS IN GROUP/KNEW PEOPLE
      IN THE GROUP/ETC[n]

  @b Did you volunteer through an organization or group, including a
      religious group, or through your workplace? [cyan]includes: CHURCH/
      JOB/UNION/ETC][n]

  @c Did you see an advertisement or request through the radio, TV,
      or a printed source? [cyan]includes: INFORMATION THROUGH MAIL AND
      NEWSPAPERS,ETC[n]

  @d Did you see an advertisement or responded to solicitation over the
      Internet?

  @e Did you seek out the activity on your own? [cyan]includes: LOOKED IN
      PHONE BOOK, CALLED THEM, ETC[n]

@f Did you volunteer through a volunteer referral agency like the
    United Way or a Volunteer Center? [cyan]includes: THROUGH ANY TYPE
    OF SERVICE GROUP: KIWANIS/LIONS/ETC[n]

@g Was there some other way? (SPECIFY)

    CODER: MOST OF THE RESPONSES HERE FIT INTO THE PREVIOUS QUESTIONS.
    IF AN ANSWER DOES FIT, GO BACK AND MAKE SURE THE ANSWER TO THAT
    QUESTION IS '1'. IF NOT, CHANGE THAT QUESTION TO '1' AND THEN CHANGE
    THIS TO A '2'. IF YOU CAN'T FIT IT IN CODE HERE AS A '5'

    [@a][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@b][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@c][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@d][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@e][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@f][allow int 1] <1> YES <2> NO <7>[missing] DON'T KNOW <9>[missing] REFUSED
[@g][allow int 1] 1[#specify] YES <2> NO <5> OTHER <7>[missing] DON'T KNOW
    <9>[missing] REFUSED

>V20<

  I am going to read you a short list of reasons people have for
  volunteering. Please tell me how important each is for you.

  The first reason is...

        IMPORTANT.............1   DON'T KNOW........7
        NOT IMPORTANT.........2   REFUSED...........9

  @a You feel compassion toward people in need. Is this an important or
      not important reason?

  @b Volunteering is an important activity to the people you respect.

  @c Someone close to you is involved in the activity or would benefit from
      it.

  @d Volunteering gives you an opportunity to give back to your community.

  @e You believe that those who have more should help those with less.

  @f You meet new people.

        IMPORTANT.............1   DON'T KNOW........7
        NOT IMPORTANT.........2   REFUSED...........9

[@a][allow int 1] <1> IMPORTANT <2> NOT IMPORTANT <7>[missing] DON'T KNOW
    <9>[missing] REFUSED
[@b][allow int 1] <1> IMPORTANT <2> NOT IMPORTANT <7>[missing] DON'T KNOW
    <9>[missing] REFUSED
[@c][allow int 1] <1> IMPORTANT <2> NOT IMPORTANT <7>[missing] DON'T KNOW

<9>[missing] REFUSED
[@d][allow int 1] <1> IMPORTANT <2> NOT IMPORTANT <7>[missing] DON'T KNOW
<9>[missing] REFUSED
[@e][allow int 1] <1> IMPORTANT <2> NOT IMPORTANT <7>[missing] DON'T KNOW
<9>[missing] REFUSED
[@f][allow int 1] <1> IMPORTANT <2> NOT IMPORTANT <7>[missing] DON'T KNOW
<9>[missing] REFUSED

*** Tuberculosis Questions from Bob Giffore

>tb1< [settime volend][subtime volstart from volend into voltime]
[settime tbstart][allow int 1]

The next set of questions is about issues related to agriculture.

Have you heard of tuberculosis in cattle, which is call bovine tuberculosis?

YES 1
NO. 2

DON'T KNOW. . . . 8
REFUSED . . . . . 9 @
[@] <1>[goto tb2] YES <2> NO <8>[missing] DON'T KNOW <9>[missing] REFUSED
[default goto BS1]

>tb2< [allow int 1]

To what extent have you been informed about bovine tuberculosis by
Michigan government? Would you say very well informed, moderately
informed, poorly informed, or not at all informed?

VERY WELL INFORMED 1
MODERATELY INFORMED. 2
POORLY INFORMED. 3
NOT AT ALL INFORMED. 4

DON'T KNOW. . . . 8
REFUSED . . . . . 9 @
[@] <1> VERY WELL INFORMED <2> MODERATELY INFORMED <3> POORLY INFORMED
<4> NOT AT ALL INFORMED <8>[missing] DON'T KNOW <9>[missing] REFUSED

>tb3< [allow int 1]

To what extent do you think bovine tuberculosis poses a degree of risk to
public health in Michigan? Would you say not at all, low risk, moderate
risk, or a high risk?

NOT AT ALL. 1
LOW RISK. 2
MODERATE RISK 3
HIGH RISK 4

```
        DON'T KNOW. . . . 8
        REFUSED . . . . . 9  @
[@] <1> NOT AT ALL <2> LOW RISK <3> MODERATE RISK <4> HIGH RISK
   <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>tb4< [allow int 1]

To what extent should the state of Michigan compensate a farmer if cattle
must be destroyed due to bovine tuberculosis? Would you say not at all,
partial replacement value, 100% replacement value, or 100% replacement
value plus future lost earnings?

```
     NOT AT ALL . . . . . . . . . . . . . . . . 1
     PARTIAL REPLACEMENT. . . . . . . . . . . . 2
     100% REPLACEMENT . . . . . . . . . . . . . 3
     100% REPLACEMENT PLUS FUTURE LOST EARNINGS . 4

     OTHER (SPECIFY). . . . . . . . . . . . . . 0

        DON'T KNOW. . . . 8
        REFUSED . . . . . 9  @
[@] <1> NOT AT ALL <2> PARTIAL REPLACEMENT <3> 100% REPLACEMENT
   <4> 100% REPLACEMENT PLUS FUTURE LOST EARNINGS
   <0> [#specify] OTHER (SPECIFY) <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>tb5< [allow int 1]

Cattle acquire bovine tuberculosis from wild deer. Who should be mainly
responsible for preventing this? Would you say the farmer who owns the
cattle, the State of Michigan, or both the farmer and the State of Michigan.

```
     FARMER . . . . . . . . . . . . . 1
     STATE OF MICHIGAN . . . . . . . . 2
     FARMER AND STATE OF MICHIGAN. . . . 3

        DON'T KNOW. . . . 8
        REFUSED . . . . . 9  @
[@] <1> FARMER WHO OWNS THE CATTLE <2> STATE OF MICHIGAN
   <3> FARMER AND STATE OF MICHIGAN <8>[missing] DON'T  KNOW
   <9>[missing] REFUSED
```

Brenda Sternquist (Human Ecology) Questions for SOSS:22

>BS1< [allow int 1]
     [settime tbend][subtime tbstart from tbend into tbtime]
     [settime fdstart]

   The next questions are about our food and everything that happens
   before the food reaches our table.

   Now thinking about food, do you know what G.M.O. stands for.

```
         YES . . . . . . . . . . . . . 1
         NO. . . . . . . . . . . . . . 5
             DON'T KNOW . . . . 8
             REFUSED. . . . . . 9      @
         [@]<1> YES [goto BS1a] <5> NO
         <8>[missing] DONT KNOW <9> REFUSED [missing][default goto BS2]
```

>BS1a< [allow int 1]

   What do these letters mean?

   [r]IWER: DO NOT READ LIST [n]

```
    GENETICALLY MODIFIED ORGANISM . . . . 1
    OTHER (SPECIFY) . . . . . . . . . . . 0
       DON'T KNOW. . . . . . . . 8
       REFUSED . . . . . . . . . 9       @
         [@]<1> GENETICALLY MODIFIED ORGANISM   <0>[#specify] OTHER
         <8>[missing] DONT KNOW <9> REFUSED [missing]
```

>BS2< [allow int 1][form template]

[if BS1 ne <1>]
   Actually, "G.M.O." stands for "genetically modified organisms."
[endif]
[if BS1a eq <0>]
   (Actually, "G.M.O." stands for "genetically modified organisms.")
[endif]

   How concerned are you about genetically modified food? Would you
   say you are very concerned, somewhat concern, only concern
   a little, or not concerned at all?

```
         VERY CONCERNED . . . . . . . . . . . . . 1
         SOMEWHAT CONCERNED . . . . . . . . . . 2
         ONLY A LITTLE CONCERNED. . . . . . . . 3
         NOT CONCERNED AT ALL . . . . . . . . . 4
             DON'T KNOW . . . . 8
             REFUSED. . . . . . 9      @
         [@]<1> VERY CONCERNED <2> SOMEWHAT CONCERNED
         <3> ONLY A LITTLE CONCERNED <4> NOT CONCERNED AT ALL
         <8>[missing] DONT KNOW <9>[missing] REFUSED
```

>BS3< [allow int 1]

   Do you think genetically modified food should be labeled to indicate
   that it is?

```
          YES . . . . . . . . . . . . 1
          NO. . . . . . . . . . . . . 5
              DON'T KNOW . . . . 8
```

REFUSED. 9   @
[@]<1> YES <5> NO
<8>[missing] DONT KNOW <9>[missing] REFUSED

>BS4< [allow int 1]

Some people are willing to pay a higher price to make sure their
food has not been genetically altered. Other people would not.
How much extra, if at any, would you be willing to pay? Would
you say not at all or 0%, 5%, 10%, 15%, 20%, or more?

NOT PAY EXTRA, 0% 1
5 PERCENT 2
10 PERCENT. 3
15 PERCENT. 4
20 PERCENT. 5
MORE THAN 20 PERCENT. 6
DON'T KNOW 8
REFUSED 9   @
[@]<1> NOT PAY EXTRA, 0%
<2> 5 PERCENT <3> 10 PERCENT <4> 15 PERCENT
<5> 20 PERCENT <6> MORE THAN 20 PERCENT
<8>[missing] DONT KNOW <9>[missing] REFUSED

*****SUN SAFETY QUESTIONS

>sun1a< [allow int 1]
[settime fdend][subtime fdstart from fdend into fdtime]
[settime sunstart]

The next set of questions will focus on health and health care related
issues. First, we'll ask about sun safety. Many people enjoy being
outdoors, but have read articles that warn against too much sun exposure.
Since everyone has different experiences and ideas on this topic we would
like to know if you strongly agree, agree, disagree or strongly disagree
with the next 5 statements.

Being out in the sun is good for your health.

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

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

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

>sun1b< [allow int 1]

People who are suntanned look healthier than those who don't have a tan.

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

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

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

>sun1c< [allow int 1]

It's a good idea to use a tanning booth to prepare for exposure to the sun.

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

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

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

>sun1d< [allow int 1]

You don't need to bother with sunscreen if you're only out in the sun for
short periods of time.

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

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

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

>sun1e< [allow int 1]

Suntanned people are more attractive than those without a tan.

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

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

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

>sun2a< [allow int 1]

 There is one more question about what you do when you're going to be out in
 the sun in the summer. I'm going to ask you about 5 actions and I would
 like to know if you do these always, frequently, sometimes or never.

 In the summer, on sunny days, how often do you...

 use a sunscreen or sun block?

 (Would you say always, frequently, sometimes, or never)

        ALWAYS..................1
        FREQUENTLY..............2
        SOMETIMES...............3
        NEVER...................4

          DON'T KNOW.......8
          REFUSED..........9 @
[@]<1> ALWAYS <2> FREQUENTLY <3> SOMETIMES <4> NEVER <8>[missing] DON'T KNOW
  <9>[missing] REFUSED

>sun2b< [allow int 1]

 In the summer, on sunny days, how often do you...

 wear a wide-brimmed hat?

 (Would you say always, frequently, sometimes, or never)

        ALWAYS..................1
        FREQUENTLY..............2
        SOMETIMES...............3
        NEVER...................4

          DON'T KNOW.......8
          REFUSED..........9 @
[@]<1> ALWAYS <2> FREQUENTLY <3> SOMETIMES <4> NEVER <8>[missing] DON'T KNOW
  <9>[missing] REFUSED

>sun2c< [allow int 1]

(In the summer, on sunny days, how often do you...)

wear long sleeves to reduce sun exposure?

(Would you say always, frequently, sometimes, or never)

    ALWAYS..................1
    FREQUENTLY..............2
    SOMETIMES...............3
    NEVER...................4

     DON'T KNOW.......8
     REFUSED..........9 @
[@]<1> ALWAYS <2> FREQUENTLY <3> SOMETIMES <4> NEVER <8>[missing] DON'T KNOW
  <9>[missing] REFUSED

>sun2d< [allow int 1]

(In the summer, on sunny days, how often do you...)

wear sunglasses?

(Would you say always, frequently, sometimes, or never)

    ALWAYS..................1
    FREQUENTLY..............2
    SOMETIMES...............3
    NEVER...................4

     DON'T KNOW.......8
     REFUSED..........9 @
[@]<1> ALWAYS <2> FREQUENTLY <3> SOMETIMES <4> NEVER <8>[missing] DON'T KNOW
  <9>[missing] REFUSED

>sun2e<

(In the summer, on sunny days, how often do you...)

sunbathe?

(Would you say always, frequently, sometimes, or never)

    ALWAYS..................1
    FREQUENTLY..............2
    SOMETIMES...............3
    NEVER...................4

     DON'T KNOW.......8
     REFUSED..........9 @
[@]<1> ALWAYS <2> FREQUENTLY <3> SOMETIMES <4> NEVER <8>[missing] DON'T KNOW

<9>[missing] REFUSED

*************David Nerenz's questions ************* (managed care Institute)

>I1< [allow int 1]
    [settime sunend][subtime sunstart from sunend into suntime]
    [settime medstart]

    Now we'd like to ask you some questions about your health insurance
    coverage and the health care you receive from your doctor.

    Do you have health insurance coverage from any source, including
    Medicare, Medicaid, private insurance from your employer or union,
    coverage from another family member, or individually purchased
    coverage?

                YES 1
                NO. 5
                    DON'T KNOW 8
                    REFUSED. 9   @
            [@]<1> YES [goto I2] <5> NO
            <8>[missing] DONT KNOW <9>[missing] REFUSED
            [default goto B17b]

>I2< [allow int 1]

    Does your primary or main health care coverage come from Medicare,
    Medicaid, another government health insurance program, from a plan
    provided through an employer or union, or from an individually
    purchased private insurance plan?

    [yellow]CODER: PLEASE CODE FIRST MENTIONED[n]

            MEDICARE 1
            MEDICAID 2
            ANOTHER GOVERNMENT PROGRAM (e.g., CHAMPUS) . . 3
            PLAN PROVIDED THROUGH EMPLOYER 4
             (includes: where person worked/professional organzation
               /union/former employer/INCLDUES FAMILY MEMBER CARRYING
               INSURANCE/etc)
            INDIVIDUALLY PURCHASED PRIVATE INSURANCE . . . 5
            OTHER (SPECIFY). 0
                DON'T KNOW 8
                REFUSED. 9   @
            [@] <1> MEDICARE <2> MEDICAID
                <3> ANOTHER GOVERNMENT PROGRAM (e.g., CHAMPUS)
                <4> PLAN PROVIDED THROUGH EMPLOYER
                <5> INDIVIDUALLY PURCHASED PRIVATE INSURANCE
            0 OTHER [#specify] <8> DON'T KNOW [missing] <9> REFUSED [missing]

>I3< [allow int 1]

16

Is your current primary or main health care insurance set up as a managed care plan such as an HMO, a PPO, some other type of managed care plan, or is it a traditional insurance plan?

IWER: PROBE FOR WHETHER HMO, PPO OR OTHER MANAGED CARE.

MANAGED CARE (HMO). 1
MANAGED CARE (PPO). 2
OTHER MANAGED CARE. 3
TRADITIONAL INSURANCE PLAN. 4
 DON'T KNOW 8
 REFUSED 9   @
[@]<1> MANAGED CARE (HMO) <2> MANAGED CARE (PPO)
 <3> OTHER MANAGED CARE <4> TRADITIONAL INSURANCE PLAN
 <8> DON'T KNOW [missing] <9> REFUSED [missing]

>I4< [allow int 2]
What is the name of your primary or main health care plan?

LOOK ON YOUR CODING SHEET AND TYPE IN THE CORRECT NUMBER: @

MEDICARE......................96
MISCELLANEOUS................95

NAME (SPECIFY). 0
 DON'T KNOW 98
 REFUSED. 99
[@] 0 <25-96>SPECIFY [#specify]
<1> AETNA LIFE INSURANCE CO
<2> BLUE CROSS BLUE SHIELD TRADITIONAL PLAN
<3> BLUE CARE NETWORK HMO
<4> HEALTH ALLIANCE PLAN OF MICHIGAN
<5> OMNICARE
<6> COMPREHENSIVE HEALTH SERVICES, INC.
<7> PHP OF MICHIGAN
<8> CARE CHOICES
<11> SELECT CARE
<12> PRUDENTIAL INSURANCE CO OF AMERICA
<13> PRIORITY HEALTH CARE <14> M-CARE - UNIVERSITY OF MICHIGAN
<15> AMERICAN COMMUNITY MUTUAL INSR. <16> TRAVELERS INSURANCE CO (LIFE DEPT)
<17> PROVIDENT LIFE & ACCIDENT INS CO <18> IBA HEALTH & LIFE ASSURANCE COMPANY
<19> AETNA LIFE INSURANCE COMPANY'
<20> GRAND VALLEY HEALTH PLAN, INC. <21> MUTUAL OF OMAHA INSURANCE CO.
<22> JOHN HANCOCK MUTUAL LIFE INS CO.   <23> METROPOLITAN LIFE INSURANCE CO.
<24> OMNICARE'   25 'CIGNA (SIGNA)' 26 'WELLNESS PLAN' 27 'DMC CARE' 28 'PPOM'
 29 'MASS MUTUAL' 30 'STATE FARM' 31 'GREAT WEST'
 32 'BLUE CHOICE' 33 'Generic HMO'
 34 'Generic Traditional Insurance' 40 'BANKERS LIFE'
 41 'CORE SOURCE' 42 'AARP' 43 'AMWAY' 44 'MESSA' 45 'WAUSAU'
 46 'PIONEER MUTUAL' 47 'HEALTH PLUS' 48 'ALLSTATE'
 49 'UNITED HEALTH CARE' 50 'FIRST HEALTH'
 50 'FORTIS BENEFIT INSURANCE' 51 'TIME INSURANCE' 52 'GMAC'

53 'PREFERRED PARTNERS' 54 'MAILHANDLERS/POST'
55 'CONNETICUT GENERAL LIFE' 56 'ASR'
57 'UNION PLANS (TEAMSTERS, ETC)' 58 'UNICARE'
59 'GUARANTEE TRUST LIFE' 60 'AUTO OWNERS' 61 'GOLDEN RULE'
62 'CONNECT CARE' 63 'AMERICAN GENERAL' 64 'CITIZENS'
65 'UNIVERAL STANDARD MANAGED CARE' 66 'VETERANS AFFAIRS'
67 'PHYSICIANS MUTUAL INS CO' 68 'WEYCO'
69 'GERBER LIFE INSURANCE' 70 'CENTRAL RESERVE LIFE'
71 'NORTHMED HMO' 72 'AMERIPLAN' 73 'LINECO' 74 'HARVEST LIFE'
75 'EMPLOYER PLANS (NAME OF COMPANY GIVEN INSTEAD OF P'
76 'ASSOCIATION PLANS' 80 'MILITARY PLANS (NAVY, ETC)'
   <98>[missing] DONT KNOW <99>[missing] REFUSED

>B17b< [allow int 1]

   Now I would like you to think about your health care.

   Is there one particular health care provider, such as a doctor,
   nurse-midwife, nurse practitioner, or physician assistant, that
   you usually see?

      [yellow]IWER: IF THEY SAY NO, PROMPT WITH "No provider or more than[n]
      [yellow]   one provider?"[n]

            YES 1
            NO, HAVE NO PROVIDER. 3
            NO, HAVE MORE THAN ONE PROVIDER . 5

               DON'T KNOW 8
               REFUSED. 9   @
[@]<1> YES <3>[goto DN14] NO, HAVE NO PROVIDER <5> NO, HAVE MORE THAN ONE
   <8>[missing] DONT KNOW <9>[missing] REFUSED

>B18< [allow int 1]

   [yellow]CODER: IF MORE THAN ONE, PLEASE CODE THE FIRST MENTIONED[n]

   Is your regular health care provider a nurse practitioner, midwife,
   physician assistant, physician, or something else?

      NURSE PRACTITIONER. (includes any nurse). 1
      MIDWIFE 2
      PHYSICIAN ASSISTANT 3
      PHYSICIAN (MD AND DO) (internist/doctor). 4
      SOMETHING ELSE: SPECIFY 0
      HOME HEALTH CARE PROVIDER.................5
      OTHER: MISCELLANEOUS......................7
         DON'T KNOW. 8
         REFUSED 9   @
    [@]<1> NURSE PRACTITIONER <2> MIDWIFE <3> PHYSICIAN ASSISTANT
       <4> PHYSICIAN (MD AND DO)

<5> HOME HEALTH CARE PROVIDER
        <7> OTHER: MISCELLANEOUS
         0 SOMETHING ELSE: SPECIFY [#specify]
        <8>[missing] DONT KNOW <9>[missing] REFUSED

>pract< [allow 20][loc 0/632]
>filprac<
    [if B18 eq <1>][store <Nurse Practitioner> in pract][endif]
    [if B18 eq <2>][store <Nurse-Midwife> in pract][endif]
    [if B18 eq <3>][store <Physician Assistant> in pract][endif]
    [if B18 eq <4>][store <Physician> in pract][goto DN2][endif]
    [if B18 ge <5>][store <Health Care Provider> in pract][endif]
    [if B18 eq <0>][store <Health Care Provider> in pract][endif]
    [goto DN4]

>DN2< [allow int 2][equiv B18 position 2]
    What is your regular physician's specialty?

        GENERAL PRACTITIONER................. . . 1
         (include: covers everything/general care/everyday stuff, DO/MD
              no specialty, etc)
        FAMILY PRACTICE 2
        OBSTETRICS/GYNECOLOGY 3
        GENERAL INTERNAL MEDICINE (INTERNIST) . . 4
        OTHER MEDICAL SUBSPECIALTY. 5
        URGENT CARE OR EMERGENCY MEDICINE 6
        PEDIATRICIAN...............................7
        CARDIOLOGIST/HEART SPECIALIST..............8
        OSTEOPATH..................................9
        NEUROLOGIST...............................10
        OTHER: MISCELLANEOUS......................97
            DON'T KNOW. 98
            REFUSED 99   @
    [@]<1> GENERAL PRACTITIONER <2> FAMILY PRACTICE <3> OBSTETRICS/GYNECOLOGY
      <4> GENERAL INTERNAL MEDICINE (INTERNIST) <5> OTHER MEDICAL SUBSPECIALTY
      <6> URGENT CARE OR EMERGENCY MEDICINE 0 SOMETHING ELSE: SPECIFY [#specify]
      <7> PEDIATRICS <8> CARDIOLOGIST <9> OSTEOPATH <10> NEUROLOGIST
      <97> OTHER: MISCELLANEOUS
          <98>[missing] DONT KNOW <99>[missing] REFUSED

>DN2a< [allow int 2]

    In the past 12 months, how many times have you seen your
    [fill pract] either for checkups or because of a health
    concern?

        NONE, 0 TIMES   0
        NUMBER OF TIMES 1-10
        NOT SURE BUT MORE THAN TWO. . .   15
          DON'T KNOW 98
          REFUSED. 99   @
      [@]<0> NONE, 0 TIMES [goto DN3] <1> ONCE <2> TWICE

19

<3-10> TIMES <15> NOT SURE BUT MORE THAN TWO
<98>[missing] DON'T KNOW [goto DN3] <99>[missing] REFUSED [goto DN3]

>DN2b< [allow int 1][form template]

    [if DN2a eq <1>]
  Was the visit for a routine check-up or screening?
   [else]
  Were any of these visits for a routine check-up or screening?
    [endif]
        YES 1
        NO. 5
          DON'T KNOW 8
          REFUSED. 9   @
     [@]<1> YES <5> NO
     <8>[missing] DONT KNOW <9>[missing] REFUSED

>DN3< [allow int 2]

  For how many years have you been seeing this particular
  [fill pract]?

        LESS THAN ONE YEAR. 0
        NUMBER OF YEARS 1-40
        DON'T KNOW. 98
        REFUSED 99   @
   [@] <0> LESS THAN ONE YEAR <1> YEAR <2> YEARS <3-40> YEARS [goto DN10]
      <98>[missing] DONT KNOW <99>[missing] REFUSED
   [default goto DN5]

>DN4<   [open DN4][default answer <2>][optional all]
    [setkey <up> to <cu>][setkey <down> to <cd>] [setkey <left> to <cp>]
    [setkey <right> to <cn>][setkey <end> to <ce>][setkey <home> to <ct>]
    [setkey <pgup> to <up>][setkey <pgdn> to <dn>]

  Why don't you have a regular physician?

  [r]IWER: CHECK ALL THAT APPLY, BUT DO NOT READ LIST [n]
  [r]   TYPE A '1' FOR EACH REASON MENTIONED BY R   [n]

    RECENTLY MOVED . . . . @MOVED
    CHANGED INSURANCE PLANS . . . . @INSUR
    DOCTOR MOVED OR RETIRED . . . . @DR
    DON'T WANT/NEED A REGULAR DOCTOR . . . . @NONEED
    DON'T GET SICK OR GO TO DOCTORS . . . . @NOSICK
    DON'T CARE ABOUT REGULAR DOCTOR . . . . @NOREL
    MORE CONVENIENT TO GO TO E.R. OR URGENT CARE . . @EASY
    OTHER (SPECIFY) . . . . @OTHR

    3 NO MONEY/CANNOT AFFORD/NO HEALTH INSURANCE
    4 SEE VARIETY OF DRS
    5 ASSISTANTS/NURSES LESS BUSY/EASIER TO SEE/MORE CONVENIENT

7 OTHER: MISCELLANEOUS

[@MOVED][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@INSUR][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@DR][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@NONEED][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@NOSICK][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@NOREL][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@EASY][allow int 1] <1> MENTIONED <2> NOT MENTIONED
[@OTHR][allow int 1] 1 MENTIONED [#specify] <2> NOT MENTIONED
    <3> NO MONEY/CANNOT AFFORD/NO HEALTH INSURANCE
    <4> SEE VARIETY OF DRS
    <5> ASSISTANTS/NURSES LESS BUSY/EASIER TO SEE/MORE CONVENIENT
    <7> OTHER: MISCELLANEOUS

>DN5< [allow int 1][if B18 ne <4>][goto NERNZ5][endif]

   In the past two years, have you changed regular physicians?

            YES 1
            NO. 5
                DON'T KNOW 8
                REFUSED. 9   @
          [@]<1> YES <5> NO [goto DN10]
            <8>[missing][goto DN10] DONT KNOW
            <9>[missing][goto DN10] REFUSED

>DN6< [allow int 1]

   Did you choose to change doctors or did you have to change?

            CHOSE TO CHANGE 1
            HAD TO CHANGE 5
                DON'T KNOW 8
                REFUSED. 9   @
          [@]<1> CHOSE TO CHANGE <5> HAD TO CHANGE
          <8>[missing] DONT KNOW <9>[missing] REFUSED

>DN7< [allow int 1]
     Why was that?

            I MOVED 1
            REGULAR DOCTOR MOVED, RETIRED, DIED 2
             (include: dr left practice)
            CHANGED INSURANCE PLANS 3
              (includes: anything to do with insurance changes/coverage/
              etc -- hap/ppo/blue cross, etc)
            WAS UNHAPPY WITH PRIOR DOCTOR 4
            SPECIALIST BECAME REGULAR PHYSICIAN 5
            LOST JOB OR LOST HEALTH INSURANCE 6
            DISATISFIED WITH QUALITY OF CARE................7
              (doctor bad/unfriendly/etc)

21

CLOSER/LOCATION MORE CONVIENENT/ETC.............8
CHANGE FROM PRIMARY CARE TO SPECIALTY...........9
MISCELLANEOUS....................................97
   DON'T KNOW. 98
   REFUSED 99   @
[@] 0 OTHER [#specify]
  <1> I MOVED
  <2> REGULAR DOCTOR MOVED, RETIRED, DIED
  <3> CHANGED INSURANCE PLANS [goto DN8]
  <4> WAS UNHAPPY WITH PRIOR DOCTOR [goto DN9]
  <5> SPECIALIST BECAME REGULAR PHYSICIAN
  <6> LOST JOB OR LOST HEALTH INSURANCE
  <7> DISSATISFIED WITH QUALITY OF CARE
  <8> CLOSER/LOCATION MORE CONVENIENT/ETC
  <9> CHANGE FROM PRIMARY CARE
  <97> MISCELLANEOUS
  <98>[missing] DONT KNOW <99>[missing] REFUSED   [default goto DN10]

>DN8< [allow int 1]

    Was the change in insurance plans something you chose to do
    or something your employer or former insurance provider required?

        CHOSE TO CHANGE 1
        EMPLOYER, FORMER INSURER REQUIRED 5
          DON'T KNOW 8
          REFUSED. 9   @
   [@]<1> CHOSE TO CHANGE <5> HAD TO CHANGE
   <8>[missing] DONT KNOW <9>[missing] REFUSED
    [default goto DN10]

>DN9< [allow int 2]

    (Why were you unhappy with your previous doctor?)

        EXPLANATION (SPECIFY)   0
        MANAGED CARE SYSTEM.......................1
        UNHAPPY WITH QUALITY OF CARE.............2
       (wasn't doing job/poor relationship/poor practice/
       insensitive, etc)
        INCORRECT DIAGNOSIS......................3
        MISCELLANEOUS...........................97
          DON'T KNOW. 98
          REFUSED 99   @
   [@] 0 <1-3> <97> EXPLANATION [#specify] <98>[missing] DON'T KNOW
    <99>[missing] REFUSED
[missing]

>DN10< [allow int 1]

    How important or unimportant is it to you to have a regular

[fill pract]? Would you say it is very important, somewhat
important, not very important, or not important at all?

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

>DN11< [allow int 1]

How important or unimportant is to you that your [fill pract]
knows you as a person? Would you say it is very important,
somewhat important, not very important, or not important at all?

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

>DN12< [allow int 1]

How important or unimportant is it to you that your doctor shows
caring and compassion when he or she sees you? Would you say
it is very important, somewhat important, not very important,
or not important at all?

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

```
        <8>  DON'T KNOW
        <9>  REFUSED
```

>DN13< [allow int 1]

How important or unimportant is it to you that your doctor be
familiar with the latest scientific knowledge about diseases and
treatments? (Would you say it is very important, somewhat important,
not very important, or not important at all?)

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

>NERNZ5< [if B17b gt <1>][goto DN14][endif]

Now, imagine that you start feeling bad during the day, and by
late afternoon you have a bad cough, high fever, and feel dizzy.
You know your life isn't in danger, but you feel that you need
to see a health care provider soon to get some help. Which of the
following would you be most likely to do?

```
        Call your regular [fill pract] and ask for
            an appointment. . . . . . . . . . . . . . . . . . . .1
        Call your regular [fill pract] and ask for
            advice over the phone . . . . . . . . . . . . . . . .2
        Go to an urgent care center or walk-in clinic. . . . . . . .3
        Go to the Emergency Room . . . . . . . . . . . . . . . .4
        Treat the condition myself/home remedies/over the counter
         medicines, talk with family/friends/etc....................5
        Wait/wouldn't do anything..................................6
        OTHER: MISCELLANEOUS.......................................7
                DON'T KNOW . . . .  8
                REFUSED. . . . . .  9      @
    [@][allow int 1]<1> Call your regular (fill pract) and ask for an
        appointment
     <2> Call your regular (fill pract) and ask for advice over the
        phone
     <3> Go to an urgent care center or walk-in clinic
     <4> Got to the Emergency Room
     <5-7>   0 SOMETHING ELSE [#specify]
          <8>[missing] DONT KNOW <9>[missing] REFUSED
```

>NERNZ6< [allow int 1]

In this kind of situation, do you think that it is important
that you see a health care provider who knows you and has seen
you before?

          YES 1
          NO. 5
              DON'T KNOW 8
              REFUSED. 9   @
          [@]<1> YES <5> NO
          <8>[missing] DONT KNOW <9>[missing] REFUSED

>NERNZ8< [allow int 1]

If you don't see your regular [fill pract] in a situation like
this, do you think it matters [bold]to your [fill pract]?[n]

          YES 1
          NO. 5
              DON'T KNOW 8
              REFUSED. 9   @
          [@]<1> YES <5> NO
          <8>[missing] DONT KNOW <9>[missing] REFUSED

>NERNZ9< [allow int 1]

Now I'm going to read you a list of situations where you'd be
likely to see a health care provider, and I'd like you to tell me
whether you would prefer to see your regular [fill pract] or
whether you'd be willing to see any provider who is available.

     An annual check up?

For this, would you prefer to see your regular [fill pract], in a
week or two, or would you be willing to see any provider who is
available immediately?

          PREFER REGULAR PROVIDER. 1
          ANY AVAILABLE PROVIDER 2
              DON'T KNOW 8
              REFUSED. 9   @
        [@]<1> PREFER REGULAR PROVIDER <2> ANY AVAILABLE PROVIDER
            <8>[missing] DONT KNOW <9>[missing] REFUSED

>NERNZ11< [allow int 1]

A follow-up appointment for a chronic illness like
hypertension or diabetes?

(For this, would you prefer to see your regular [fill pract], in
a week or two, or would you be willing to see any provider who is

available immediately?)

        PREFER REGULAR PROVIDER. 1
        ANY AVAILABLE PROVIDER 2
          DON'T KNOW 8
          REFUSED. 9   @
   [@]<1> PREFER REGULAR PROVIDER <2> ANY AVAILABLE PROVIDER
     <8>[missing] DONT KNOW <9>[missing] REFUSED

>NERNZ13< [allow int 1]

       Getting a refill of a prescription for hay fever medicine?

  (For this, would you prefer to see your regular [fill pract], in
  a week or two, or would you be willing to see any provider who is
  available immediately?)

        PREFER REGULAR PROVIDER. 1
        ANY AVAILABLE PROVIDER 2
          DON'T KNOW 8
          REFUSED. 9   @
   [@]<1> PREFER REGULAR PROVIDER <2> ANY AVAILABLE PROVIDER
     <8>[missing] DONT KNOW <9>[missing] REFUSED

>NERNZ14< [allow int 1]

       Starting a medication for high blood pressure?

  (For this, would you prefer to see your regular [fill pract], in
  a week or two, or would you be willing to see any provider who is
  available immediately?)

        PREFER REGULAR PROVIDER. 1
        ANY AVAILABLE PROVIDER 2
          DON'T KNOW 8
          REFUSED. 9   @
   [@]<1> PREFER REGULAR PROVIDER <2> ANY AVAILABLE PROVIDER
     <8>[missing] DONT KNOW <9>[missing] REFUSED

>NERNZ15< [allow int 1]

       An injury such as an ankle sprain or broken wrist?

  (For this, would you prefer to see your regular [fill pract], in
  a week or two, or would you be willing to see any provider who is
  available immediately?)

        PREFER REGULAR PROVIDER. 1
        ANY AVAILABLE PROVIDER 2
          DON'T KNOW 8
          REFUSED. 9   @
   [@]<1> PREFER REGULAR PROVIDER <2> ANY AVAILABLE PROVIDER

<8>[missing] DONT KNOW <9>[missing] REFUSED

>DN14< [allow int 1]

Now I'm going to ask you some questions about the quality of care
you have received.

In the past year, have you had any health problems that you think
came from an error made by someone or something in the health
care system?

       YES 1
       NO. 5
         DON'T KNOW 8
         REFUSED. 9   @
     [@]<1> YES <5>[goto CD1] NO
     <8>[missing][goto CD1] DONT KNOW <9>[missing][goto CD1] REFUSED

>DN15< [allow int 1]

Did this error occur in a hospital, in a doctor's office, or in some
other location?

        IN HOSPITAL SETTING. 1
        IN DOCTOR'S OFFICE 2
        OTHER LOCATION (SPECIFY) 0
         DON'T KNOW 8
         REFUSED. 9   @
      [@] <1> IN HOSPITAL SETTING
        <2> IN DOCTOR'S OFFICE
        <0> OTHER LOCATION (SPECIFY) [#specify]
     <8>[missing] DONT KNOW <9>[missing] REFUSED

>DN16< [allow int 2]

What was the nature of the problem you experienced?

      EXPLANATION (SPECIFY) 0

        DON'T KNOW. 98
        REFUSED 99   @
     [@] <0> EXPLANATION [#specify]
       <98>[missing] DON'T KNOW <99>[missing] REFUSED

>DN17< [allow int 2]

What mistake do you think was made?

      DESCRIPTION (SPECIFY) 0
        DON'T KNOW. 98
        REFUSED 99   @

[@] <0> DESCRIPTION [#specify]
   <98>[missing] DON'T KNOW <99>[missing] REFUSED

>DN18< [allow int 1]

   Did you contact your [fill pract] or hospital about the error?

            YES 1
            NO. 5
               DON'T KNOW 8
               REFUSED. 9   @
            [@]<1> YES <5> NO
            <8>[missing] DONT KNOW <9>[missing] REFUSED

>DN19< [allow int 1]

   Did you file a complaint?

            YES 1
            NO. 5
               DON'T KNOW 8
               REFUSED. 9   @
            [@]<1> YES <5> NO
            <8>[missing] DONT KNOW <9>[missing] REFUSED

>DN20< [allow int 1]

   Did you contact an attorney about a possible lawsuit?

            YES 1
            NO. 5
               DON'T KNOW 8
               REFUSED. 9   @
            [@]<1> YES [goto DN21] <5> NO
            <8>[missing] DONT KNOW <9>[missing] REFUSED
            [default goto CD1]

>DN21< [allow int 1]

   Did you file a lawsuit?

            YES 1
            NO. 5
               DON'T KNOW 8
               REFUSED. 9   @
            [@]<1> YES <5> NO
            <8>[missing] DONT KNOW <9>[missing] REFUSED

>CD1< [allow int 1]
   [settime medend][subtime medstart from medend into medtime]

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

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

   [@]<1,5>

>CD2< [allow 3][define <d><998>][define <r><999>]
  In what year were you born?

```
        Year...........................19 @
        +----------------------------------+
            DON'T KNOW..............d
            REFUSED.................r
```

   [@] <00-83> <d,r>[missing]

>CD3< [allow int 2]

   What is the highest level of education you have completed?

```
        DID NOT GO TO SCHOOL ....................0
        GRADE................................1-11
        HIGH SCHOOL GRADUATE OR GED HOLDER......12
        COLLEGE (ONE TO THREE YEARS).........13-15
        COLLEGE GRADUATE  (FOUR YEARS) .........16
        SOME POST GRADUATE ....................17
        GRADUATE DEGREE........................18
        TECHNICAL/JUNIOR COLLEGE GRADUATE.......20 @
        +-----------------------------------------+
            DON'T KNOW.....................98
            REFUSED........................99
```

   [@] <0-18><20> <98,99>[missing]

>CD5a< [allow int 1]

   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
```

   [@] <1,5> <8,9>[missing]

>CD4a< [default answer <n> all] [define <y><1>][define <n><5>][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
INDICATE WHAT THE R SAYS BY BY TYPING AN '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

[yellow]A HELP SCREEN IS AVAILABLE BY HITTING 'h'[n]

[@a][allow 1]<y,n><d,r>[missing] <h>[etc <h>][help racehelp]
[@b][allow 1]<y,n><d,r>[missing] <h>[etc <h>][help racehelp]
[@c][allow 1]<y,n><d,r>[missing] <h>[etc <h>][help racehelp]
[@d][allow 1]<y,n><d,r>[missing] <h>[etc <h>][help racehelp]
[@e][allow 1]<y,n><d,r>[missing] <h>[etc <h>][help racehelp]

>CD6< [allow 1]

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
          OTHER NON-CHRISTIAN (Hindu, Buddhist, witches)...5
          OTHER CHRISTIAN................................6 @
          +---+
            DON'T KNOW......................8
            REFUSED.........................9
     [yellow]A HELP SCREEN IS AVAILABLE BY HITTING 'h'[n]

     [@]<0,1-5> 6[#specify]
        <8,9>[missing]
          <h>[etc <h>][help relhelp]

>CD7<

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

          REPUBLICAN.........................1

```
          INDEPENDENT........................4
          DEMOCRAT...........................7

          ANOTHER PARTY, THIRD PARTY, ETC....0 @a
          +---------------------------------+
             DO NOT KNOW................8
             REFUSED...................9
```

[if CD7@a eq <1>]
Would you call yourself a strong Republican or not a very strong
Republican?

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

[endif]
[if CD7@a eq <7>]
Would you call yourself a strong Democrat or not a very strong
Democrat?

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

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

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

```
          REPUBLICAN...........................3
          NEITHER (R PROVIDED).................4
          DEMOCRAT.............................5 @d
          [endif]
```

```
    [@a][allow int 1]<1,4,7> <0>[#specify] <8,9>[missing]
    [@b][allow int 1]<1,2>   <8,9>[missing][default goto partyid]
    [@c][allow int 1]<6,7>   <8,9>[missing][default goto partyid]
    [@d][allow int 1]<3,4,5> <8,9>[missing][default goto partyid]
```

```
>partyid<  [allow 1][copy partyid in partyid][goto X1]
      [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]
```

```
>X1< [allow 2]
```

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

      RURAL COMMUNITY........................1
      SMALL CITY OR TOWN, VILLAGE...........2
      A SUBURB.............................3
      URBAN COMMUNITY.......................4 @

      OTHER: SPECIFY........................0
      +-----------------------------------+
         DO NOT KNOW..................98
         REFUSED/NO ANSWER............99

      [yellow]FOR A DEFINITION OF COMMUNITY, HIT 'h'[n]
     [@] <1-4> <0> [#specify]
      <98,99>[missing]
      <h>[etc <h>][help defcomm]

>CD8< [allow int 1]

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

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

     [@]<1-6> 0 [#specify] <8,9>[missing]

>CD10< [goto fixCD10]
  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
     [@][allow int 2]<1-10>
      <98,99>[missing]

>fixCD10< [allow int 2][#store adult in CD10][copy CD10 in CD10]

>CD11< [allow int 2][if adult eq <1>][goto CD12][endif]

Next, I would like to ask you some general questions about the people
that may live in your household.

How many of the [fill adult] adults in your household 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+

   <98> DO NOT KNOW/NOT APPLICABLE
   <99> REFUSED-NO ANSWER
   ===>

>CD12< [allow int 2]

How many children younger than 18 live in your household?

    <0> NONE [goto TV]
  <1-10> CHILDREN

   <98> DO NOT KNOW[goto TV]
   <99> REFUSED-NO ANSWER[goto TV]
  ===>

>CD13< [allow int 2]

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

    <0> NONE
  <1-10> CHILDREN UNDER 5

    <98> DO NOT KNOW /NOT APPLICABLE
   <99> REFUSED-NO ANSWER
  ===>

>TV< [allow int 2]

On an average day, about how many hours do you personally watch
television?

    INVW: ROUND UP TO THE NEAREST HOUR

    HOURS..............................0-24 @
    +------------------------------------+
      DO NOT KNOW..................98
      REFUSED/NO ANSWER............99

   [@]<0-24> <98,99>[missing]

>CD15< [allow int 2]

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

        WORK FULL TIME, SELF EMPLOYED FULL TIME........1
        WORK PART TIME, SELF EMPLOYED FULL TIME........2
        WORK AND GO TO SCHOOL..........................3
        IN THE ARMED FORCES............................4
        HAVE A JOB, BUT NOT AT WORK LAST WEEK..........5
        UNEMPLOYED, LAID OFF, LOOK FOR WORK............6
        RETIRED..7
        SCHOOL FULL TIME...............................8
        HOME-MAKER.....................................9
        DISABLED.....................................10
        SOMETHING ELSE (SPECIFY).......................0 @
        +--+
            DON'T KNOW.....................98
            REFUSED........................99

    [@] 0 [#specify] <1-10> <98,99>[missing]

>CD21< [allow 4] [define <n> <9997>][define <d><9998>][define <r><9999>]
   In your main (last) job, what kind of work do (did) you normally do?
   That is, what is (was) your job called?

     OCCUPATION (TYPE IN OCCUPATION TITLE AND NOTES) ......0 @
        +--+
            NEVER WORKED IN ENTIRE LIFE!....n
            DON'T KNOW.....................d
            REFUSED........................r
        [@] <0> [#specify]
           <n,d,r>[missing]

>UN1< [allow int 1]

   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>[goto UN3] <5> <8,9>[missing]

>UN2< [allow int 1]

   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
```

    `[@]<1,5><8,9>[missing]`

>UN3< [allow int 1]

  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
```

    `[@]<1,5><8,9>[missing]`

>f1a< [allow int 1][settime costst]

 The next set of questions is about your household's financial situation.

 In the past 12 months, have you or anyone in your household ever had
 to choose between....

 ... paying for food and paying for medicine or medical care?

```
          Yes.................................1 @
          No.................................5
    +------------------------------------+
          Do not know.....................8
          Refused.........................9
```

    `[@]<1> YES <5> NO <8>[missing] DON'T KNOW <9>[missing] REFUSED`

>f1b< [allow int 1]

 (In the past 12 months, have you or anyone in your household ever had
 to choose between....)

  ... paying for food and paying for utilities and heating fuel?

```
          Yes.................................1 @
          No.................................5
    +------------------------------------+
          Do not know.....................8
          Refused.........................9
    [@]<1> YES <5> NO <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>f1c< [allow int 1]

 (In the past 12 months, have you or anyone in your household ever had

to choose between....)

... paying for food and paying the rent or mortgage?

        Yes.................................1 @
        No.................................5
      +------------------------------------+
        Do not know.....................8
        Refused........................9

    [@]<1> YES <5> NO <8>[missing] DON'T KNOW <9>[missing] REFUSED

>f2< [allow int 1]

  In the past 12 months did you (or other adults in your household)
  ever ....

  ... cut the size of your meals or skip meals because there wasn't enough
     money for food?

        Yes.................................1 @
        No.................................5
      +------------------------------------+
        Do not know.....................8
        Refused........................9
    [@]<1> YES <5>[goto f4] NO <8>[missing][goto f4] DON'T KNOW
      <9>[missing][goto f4] REFUSED

>f3< [allow int 1]

  How often did this happen-- almost every month, some months but not
  every month, or only one or two months?

      Almost every month.........................1
      Some months but not every month............2
      Only one or two months.....................3 @
        +------------------------------------+
          Do not know.....................8
          Refused........................9
      [@]<1> Almost every month <2> Some months, but not every month
        <3> Only one or two months <8>[missing] DON'T KNOW
        <9>[missing] REFUSED

>f4< [allow int 1]

  How often was the following statement true for you or other members
  of your household in the past 12 months?

  (I/We) could not afford to eat balanced meals.

  Was this often true, sometimes true, or never true for you or other
  members of your household in the last 12 months?

```
        Often true............................1
        Sometimes true........................2
        Never true............................3 @
        +----------------------------------+
          Do not know.....................8
          Refused.........................9
        [@]<1> Often true <2> Sometimes true <3> Never true
          <8>[missing] DON'T KNOW <9>[missing] REFUSED


>kids<  [allow 8][loc 0/653]
>tense< [allow 4]

>f5< [equiv f4 position 2]
    [if CD12 eq <0> or CD12 ge <98>][goto f6][endif]
    [store <> in kids][store <> in tense]
    [if CD12 eq <1>][store <child> in kids][store <was> in tense][endif]
    [if CD12 ge <2>][store <children> in kids][store <were> in tense][endif]
```

How often was the following statement true for you or other members
of your household in the past 12 months?

My [fill kids] [fill tense] not eating enough because we just couldn't
afford enough food.

Was this often true, sometimes true, or never true for you or other
members of your household) in the last 12 months?

```
        Often true............................1
        Sometimes true........................2
        Never true............................3 @
        +----------------------------------+
          Do not know.....................8
          Refused.........................9
        [@]<1> Often true <2> Sometimes true <3> Never true
          <8>[missing] DON'T KNOW <9>[missing] REFUSED


>f6<  [allow int 3]
```

What percentage of the Michigan population do you think does not have
enough food because they can't afford it?

```
        Percentage ............................0-100% @

        +------------------------------------+
          Do not know.....................d
          Refused.........................r

      [@]<0-100> <d,r>[missing]

>f7<  [allow int 1]
```

In the past 12 months, did you know anyone who needed help getting food
because they could not afford it?

```
        Yes.................................1 @
        No..................................5
     +-------------------------------------+
        Do not know.....................8
        Refused.........................9
    [@]<1> YES <5> NO <8>[missing] DON'T KNOW <9>[missing] REFUSED
```

>f8< [allow int 1]
 If someone did not have enough food because they could not afford it,
where would you send them?

 [yellow]: CODER: IF MORE THAN ONE MENTION, PLEASE CODE 1ST MENTION[n]

 <1> CHURCH/CHURCH RUN PROGRAM   <2> SALVATION ARMY/RED CROSS
 <3> MISSIONS/SHELTERS   CHARITIES/SENIOR CENTERS
 <4> PERSONALLY HELP THEM (include: buy them food/feed at my house/etc)
 <5> FAMILY INDEPENDENCE AGENCY (FIA)/WELFARE/PUBLIC ASSISTANCE/WIC
     FOOD STAMPS/HEALTH DEPARTMENT
 <6> FOOD PANTRY/FOOD BANK (includes: organizations such as: love, inc,
         helping hands, gleaners, places where get unprepared food)
 <7> SOUP KITCHEN (includes: gods kitchen, places where you get
             prepared food)   @
```
     +-------------------------------------+
        Do not know.....................8
        Refused.........................9
    [@] 0 [#specify] <8,9>[missing]
```

>inca< [allow int 1][settime costend][subtime costst from costend into costtime]
 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 2000?

```
        YES....................... 1
        NO.........................5 @
     +----------------------------+
        DO NOT KNOW............8
        REFUSED...............9
    [@]<1> [goto incd]
      <5> [goto incb]
      <8,9>[missing][goto income]
```

>incb< [allow int 1]

  Was it less than $20,000?

38

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

     [@]<1> [goto incc]
        <5> [goto income]
        <8,9>[missing][goto income]
```

>incc< [allow int 1]

  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>
       <5>
       <8,9>[missing]
       [default goto income]
```

>incd< [allow int 1]

  Was it $60,000? or more?

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

     [@]<1> [goto incg]
        <5> [goto ince]
        <8,9>[missing][goto income]
```

>ince< [allow int 1]

  Was it $40,000 or more?

```
            YES...................... 1    ($40,000-49,999)
            NO........................5 @  ($30,000-39,999)
          +--------------------------+
            DO NOT KNOW............8
            REFUSED...............9
     [@]<1>
        <5>[goto income]
        <8,9>[missing][goto income]
```

>incf< [allow int 1]

Was it $50,000 or more?

```
        YES....................... 1
        NO........................5 @  ($50,000-59,999)
       +---------------------------+
         DO NOT KNOW............8
         REFUSED...............9
```

```
   [@]<1>
     <5>[goto income]
     <8,9>[missing][goto income]
```

>incg< [allow int 1]

  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>
     <5>
     <8,9>[missing]
```

>income< [allow 1][copy income in income][goto CD26]
        [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
        [if ince eq <1>][#store <4> in income][endif] $30,000-39,999
        [if ince eq <5>][#store <5> in income][endif] $40,000-49,999
        [if incf eq <5>][#store <6> in income][endif] $50,000-59,999
        [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< [allow int 1]

   How many [green]different[n] phone numbers does your household have?

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

```
   [@]<1-7>
     <8,9> [missing]
```

>zipcode< [allow int 5]

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.)
[yellow]IWER: USE 99998 FOR DON'T KNOW AND 99999 FOR REFUSED[n]

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

[@] <48000-49999>
   <99998,99999>

>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?

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

     [if RI@a eq <1>]
So we'll know whom to ask for when we call back, could I get your first
name?

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

     [endif]
     [@a][allow int 1]<1> <5>[goto MOD7] <8,9>[goto MOD7]
     [@b] [allow 15][goto MOD7]
     [default goto MOD7]