

## APPENDIX D: RECODES

Recoding was done on questions when the original data format seemed inappropriate, awkward, or too liberal in its use of columns. Some questions which were originally designed as two column questions were recoded into one when the responses indicated that the second column was unnecessary. Other variables were recoded into their desired final format. Education, for example, required several questions to elicit adequate information for the final recoded two variable formats (years of schooling and degrees received).

The following section includes for each variable: the major reason for recoding; the method of recoding; and the question as it appeared on the questionnaire. This section includes all variables which are referred to by [RECODE] in the codebook. The question number, listed under each variable, indicates where the recoded question can be found in the codebook.

## AGE RECODE

(AGE)

Intent of Recode

In an attempt to maximize the validity of the responses, the interviewer asked for the date of birth rather than the age of the respondent. This format, however, necessitated a recode into the more workable two-column code of exact age.

Method of Recode

The respondent's age was calculated by subtracting the year of birth from the survey year. The results of the subtraction were entered into AGE. Ages of 90 and over were recoded into 89.

Original Question

13. 1972-1975  
In what year were you born?

1976-2016  
What is your date of birth?

MONTH DAY YEAR							

## EDUCATION RECODE

(EDUC, PAEDUC, MAEDUC, SPEDUC, COEDUC, DEGREE, PADEG, MADEG, SPDEG, CODEG)

Intent of Recode

The education data, as originally designed, were to consist of two independent variables. The first, a continuous variable, would represent the number of years in school, and the second, an ordinal variable, would indicate degrees actually received. Ease of handling and a desire to make use of continuous data where present motivated this two-variable design. Certain alterations to this design were made to facilitate the interviewing process. Recoding was then necessary to reconcile the data with the original design.

Method of Recode

For the continuous variable, the years of schooling is based on two questions. The first asked: "What is the highest grade in elementary school or high school that {response to dadfill} finished and got credit for?" The second asked "How many years did he complete?" for those who say "yes" to "Did he ever complete one or more years of college for credit—not including schooling such as business college, technical or vocational school?". These data were combined into one continuous scale. For the second variable (degrees received), the degree marked represents the highest degree actually achieved. The variables for degrees and years of schooling were independently collected and coded—one was not generated from the other.

Blanks in the original data, denoting "not applicable," have been recoded to '97' for the years of schooling variable and '7' for the degrees received variable. This was done for the convenience of persons who use computer programs which read blanks as zeros.

Original Question

While only the "Father's education" question is shown, Mother's, Spouse's, Respondent's, and Respondent's First Spouse's education was collected with the same question format.

What is the highest grade in elementary school or high school that your (father/FATHER SUBSTITUTE) finished and got credit for? CODE EXACT GRADE.

No formal school . 00	
1st grade . . . . 01	
2nd grade . . . . 02	
3rd grade . . . . 03	GO TO NEXT QUESTION ----->
4th grade . . . . 04	
5th grade . . . . 05	9th grade . . . . 09
6th grade . . . . 06	10th grade . . . . 10 ASK
7th grade . . . . 07	11th grade . . . . 11 A & B
8th grade . . . . 08	12th grade . . . . 12
	Don't know . . . . 98

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IF FINISHED 9TH - 12TH GRADE, OR D.K.:

A. Did he ever get a high school diploma or a GED certificate?

Yes . . . . (ASK B) . . . . 1
No . . . . (ASK B) . . . . 2
Don't know (ASK B) . . . . 8

B. Did he ever complete one or more years of college for credit—not including schooling such as business college, technical or vocational school?

Yes . [ASK (1) & (2)] . . . 1
No . . . . . . . . . . . . . . 2
Don't know . . . . . . . . . . 8

IF YES TO B:

(1) How many years did he complete?

1 year . . . . 13
2 years . . . . 14
3 years . . . . 15
4 years . . . . 16
5 years . . . . 17
6 years . . . . 18
7 years . . . . 19
8+ years . . . . 20
Don't know . . . . 98

(2) Does he have any college degrees?

Yes . . [ASK (3)] . . . 1
No . . . . . . . . . . . . . . 2
Don't know . . . . . . . . . . 8

(3) IF YES TO (2): What degree or degrees? CODE HIGHEST DEGREE EARNED

Associate/Junior college . 2
Bachelor's . . . . . . . . . . 3
Graduate . . . . . . . . . . 4
Don't know . . . . . . . . . . 8



Original QuestionIF STATE NAMED IS SAME STATE R. LIVES IN NOW, ASK A:

A. When you were 16 years old, were you living in this same (city/town/county)?

Yes . . . . . 1  
No . . . . . 2

## HOUSEHOLD COMPOSITION RECODE

(HOMPOP, BABIES, PRETEEN, TEENS, ADULTS)

1975Intent of Recode

Half of the sample for the 1975 General Social Survey was a full probability sample, with predesignated respondents (See Appendix A: Sampling Design). For this portion of the sample, Household Enumeration Forms were completed for the chosen households prior to selection of the actual respondent. The questionnaires for the block quota half of the sample were therefore modified in order to obtain information comparable to that on the Household Enumeration Form. The data thus collected were recoded in order to conform in format to the household composition variables of previous General Social Surveys.

Method of Recode

The information collected about each household member was used to obtain the number of residents in each age group.

Original Question

A number of questions were asked about each household member. Those used in computing the variables on the General Social Survey are:

- 2) Please tell me the names of the people who usually live in this household?
- 3) Have we forgotten anyone: such as babies or small children; roomers; people who usually live here but are away temporarily—on business trips, vacations, temporarily in a hospital, and so on?
- 5) What is (PERSON)'s relationship to (HEAD OF HOUSEHOLD)?
- 7) How old was (HEAD/PERSON) on (his/her) last birthday?
- 9) Are any of the people we have listed staying somewhere else right now?

IF YES:

- 10) Who is staying somewhere else right now?
- 11) Where is (PERSON) living right now: is (PERSON) staying at another household; is (he/she) traveling; is (he/she) in some institution or dormitory—like at college, or in a hospital or somewhere; or what?

1977+

Household composition was determined as in 1975, but relationship to respondent was asked in questionnaire instead of being taken from the Household Enumeration Form.

Original Question

Now I would like you to think about the people who live in this household. Please include any persons who usually live here but are away temporarily—on business, on vacation, or in a general hospital—and include all babies and small children. Do not include college students who are living away at college, persons stationed away from here in the Armed Forces, or persons away in institutions.

Is everyone in the household related to you in some way?

YES . . . . . 1  
NO . . . . . (ASK A) . . . . . 2

A. IF NO: How many persons in the household are not related to you in any way?

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SRC NEW BELT CODE

(SRCBELT)

Intent of Recode

The SRC belt code (a coding system originally devised to describe rings around a metropolitan area and to categorize places by size and type simultaneously) first appeared in an article written by Bernard Laserwitz (American Sociological Review, v. 25, no. 2, 1960), and has been used subsequently in several SRC surveys.

Its use was discontinued in 1971 because of difficulties particularly evident in the operationalization of "adjacent and outlying areas." For this study, however, we have revised the SRC belt code for users who might find such a variable useful. The new SRC belt code utilizes "name of place" information contained in the sampling units of the NORC Field Department.

Method of Recode

This recode assigns codes to the place of interview. City characteristics were determined by reference to the rank ordering of SMSAs in the Statistical Abstract of the United States, 1972, Table 20. Suburb characteristics were determined by reference to the urbanized map in the U.S. Bureau of the Census, 1970 Census of Population, Number of Inhabitants, Series PC (1) -A. The "other urban" codes were assigned on the basis of county characteristics found in Table 10 of the 1970 Census of Population, Number of Inhabitants. For cases from later frames analogous tables from subsequent Censuses were used.

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PARTY AFFILIATION RECODE

(PARTYID)

Intent of Recode

The question was recoded so that it would match the Michigan Survey Research Center's presentation of the data.

Method of Recoding

The recode considers both the party affiliation and the subjective intensity of that party affiliation in the assignment of new codes.

Original Question

56. Generally speaking, do you usually think of yourself as a Republican, Democrat, Independent, or what?

- Republican (ASK A).....1
- Democrat (ASK A).....2
- Independent (ASK B).....3
- Other (SPECIFY AND ASK B).....4
- No Preference (ASK B).....8

A. IF REPUBLICAN OR DEMOCRAT: Would you call yourself a strong (Republican/Democrat) or not a very strong (Republican/Democrat)?

- Strong.....1
- Not very strong.....2

B. IF INDEPENDENT NO PREFERENCE, OR OTHER: Do you think of yourself as closer to the Republican or Democratic Party?

- Republican.....3
- Democratic.....4
- Neither.....8

QUALITIES FOR CHILDREN RECODE

(MANNERS, SUCCESS, HONEST, CLEAN, JUDGMENT, CONTROL, ROLE, AMICABLE, OBEYS, RESPONSIVE, CONSIDER, INTEREST, STUDIOUS)

Intent of Recode

The codes were assigned to the responses so that they formed an ordinal scale ranging from the "one most desirable" to the "one least desirable."

Method of Recode

Qualities not chosen as one of the three most desirable or the three least important were simply assigned the code (3).

Original Question

1. Which three qualities listed on this card would you say are the most desirable for a child to have? CIRCLE THREE CODES ONLY IN COLUMN A.
2. Which one of these three is the most desirable of all? READ THE THREE R. CHOSE. CODE ONE ONLY IN COLUMN B.
3. All of the qualities listed on this card may be desirable, but could you tell me which three you consider least important: CIRCLE THREE CODES ONLY COLUMN C.
4. And which one of these three is least important at all? READ THE THREE R. CHOSE. CODE ONE ONLY IN COLUMN D.

		Most Desirable		Least Important	
		A. Three Most	B. One Most	C. Three Least	D. One Least
A.	that he has good manners	2	1	4	5
B.	that he tries hard to succeed	2	1	4	5
C.	that he is honest	2	1	4	5

(Same format through M.)

## QUALITIES FOR CHILD RECODE

(MANNERSY, SUCCESSY, HONESTY, CLEANY, JUDGMENY, CONTROLY, ROLEY, AMICABLY, OBEYSY, RESPONSY, CONSIDERY, INTEREY, STUDIOUY)

Recorded same as MANNERS, SUCCESS, HONEST, CLEAN, JUDGMENT, CONTROL, ROLE, AMICABLE, OBEYS, RESPONSI, CONSIDER, INTEREST, STUDIOUS above

## TRAUMA RECODES

(DIVORCE5, DIVREL1, DIVREL4, UNEMP5, UNREL1, UNREL4, HOSDIS5, HOSREL1, HOSREL4, DEATH5, DEATH16, PADEATH, MADEATH, CHLDDEATH, SIBDEATH, SPDEATH, TRAUMA1, TRAUMA5, TRAREL1, TRAREL5, TRATOT1, TRATOT5)

Intent of Recodes

For user convenience, the information on traumatic events has been presented in a condensed and abridged format. Users interested in the unabridged data should contact the GSS project staff at NORC (1155 East 60th Street, Chicago, Ill. 60637).

Method of Recodes

In the following detailed description of the trauma recodes the user is directed to the full, original wording of the trauma questions.

- A. DIVORCE5  
 If 21.B.1, 21.B.2, 21.C.1, and 21.C.2 equal "No" then DIVORCE5 equals punch "0."  
 If 21.B.1 or 21.C.1 equal "Yes" and 21.B.2 or 21.C.2 equal "Yes," then DIVORCE5 equals punch "3."  
 If 21.B.1 or 21.C.1 equal "Yes" and 21.B.2 and 21.C.1 equal "No," then DIVORCE5 equals punch "2."  
 If 21.B.1 and 21.C.1 equal "No" and 21.B.2 or 21.C.2 equal "Yes," then DIVORCE5 equals punch "1."  
 If 21.B.1, 21.B.2, 21.C.1, or 21.C.2 equal "9," then DIVORCE5 equals punch "9."
- B. DIVREL1  
 Sum of relatives coded in 22.A.1.
- C. DIVREL4  
 Sum of relatives coded in 22.B.1.
- D. UNEMP5  
 If 28 equals "No" or 28.A and 28.B equal "No," then UNEMP5 equals punch "0."  
 If 28.A equals "No" and 28.B equals "Yes" and 28.B.1 equals "No," then UNEMP5 equals punch "1."  
 If 28.A equal "No" and 28.B equals "Yes" and 28.B.1 equals "Yes," then UNEMP5 equals punch "2."  
 If 28.A equal "Yes" and 28.A.1 equals "No" and 28.B equal "No," then UNEMP5 equal punch "3."  
 If 28.A equals "Yes," and 28.A.1 equals "No" and 28.B. equals "Yes" and 28.B.1 equals "No," then UNEMP5 equals punch "4."  
 If 28.A. equals "Yes" and 28.A.1 equals "No" and 28.B equals "Yes" and 28.B.1 equals "Yes," then UNEMP5 equals "5."  
 If 28.A equals "Yes" and 28.A.1 equals "Yes" and 28.B equal "No," then UNEMP5 equals punch "6."  
 If 28.A equals "Yes" and 28.A.1 equals "Yes" and 28.B equals "Yes" and 28.B.1 equals "No," then UNEMP5 equals punch "7."  
 If 28.A equals "Yes" and 28.A.1 equals "Yes" and 28.B equals "Yes" and 28.B.1 equals "Yes," then UNEMP5 equals punch "8."  
 If 28.A, 28.A.1, 28.B, or 28.B.1 equal "9," then UNEMP5 equals punch "9."
- E. UNREL1  
 Sum of relatives coded in 29.A.1.
- F. UNREL4  
 Sum of relatives coded in 30.A.1.
- G. HOSDIS5  
 If 88.A, 88.B, 89.A, and 89.B equals "No," then HOSDIS5 equals punch "0."

If 88.A and 88.B equal "No" and 89.A or 89.B equals "Yes," then HOSDIS5 equals punch "1."  
 If 88.A or 88.B equal "Yes" and 89.A and 89.B equal "No," then HOSDIS5 equals punch "2."  
 If 88.A or 88.B equal "Yes" and 89.A or 89.B equal "Yes," then HOSDIS5 equals punch "3."  
 If 88.A or 88.B equal "9" and the other equals "No," then HOSDIS5 equals punch "9."  
 If 89.A or 89.B equal "9" and the other equals "No," then HOSDIS5 equals punch "9."  
 If 88.A and 88.B equal "9," then HOSDIS5 equals punch "9."  
 If 89.A and 89.B equal "9," then HOSDIS5 equals punch "9."

- H. HOSREL1  
Sum of relatives coded in 88.C.1.
- I. HOSREL4  
Sum of relatives coded in 89.C.1.
- J. DEATH5  
 If 90 equals "No" or 90.A and 90.B equal "No," then DEATH5 equals punch "0."  
 If 90.A equals "No" and sum of relatives coded in 90.B.1 equals one, then DEATH5 equals punch "1."  
 If 90.A equals "No" and the sum of relatives coded in 90.B.1 equals two or more, then DEATH5 equals punch "2."  
 If the sum of relatives coded in 90.A.1 equals one and 90.B equals "No," then DEATH5 equals punch "3."  
 If the sum of relatives coded in 90.A.1 equals one and the sum of relatives coded in 90.B.1 equals one, then DEATH5 equals punch "4."  
 If the sum of relatives coded in 90.A.1 equals one and the sum of relatives coded in 90.B.1 equals two or more, then DEATH5 equals punch "5."  
 If the sum of relatives coded in 90.A.1 equals two or more and 90.B equals "No," then DEATH5 equals punch "6."  
 If the sum of relatives coded in 90.A.1 equals two or more and the sum of relatives coded in 90.B.1 equals one, then DEATH5 equals punch "7."  
 If the sum of relatives coded in 90.A.1 equals two or more and the sum of relatives coded in 90.B.1 equals two or more, then DEATH5 equals punch "8."  
 If 90, 90.A, or 90.B equals "9," then DEATH5 equals punch "9."
- K. DEATH16  
Sum of relatives coded in 90.C.1.
- L. PADEATH  
 If father alive when respondent was 16 years old (FAMILY16 equal "1," "2," "4," and some "0," or if FAMILY16 equals "3," "5," or some "0," and FAMDIF16 is not equal to "1," and father not coded in 90.A.1, 90.B.1, or 90.C.1, then PADEATH equals punch "0."  
 If FAMILY16 equals "3," "5," or some "0" and FAMDIF16 equals 1, then PADEATH equals punch "1."  
 If father coded in 90.C.1, then PADEATH equals punch "2."  
 If father coded in 90.B.1, then PADEATH equals punch "3."  
 If father coded in 90.A.1, then PADEATH equals punch "4."  
 If FAMILY16 equals "6," "7," "8," and some "0" and father not coded in 90.A.1, 90.B.1, or 90.C.1, then PADEATH equals punch "8."  
 If father not coded in 90.A.1, 90.B.1 or 90.C.1 and 90.A, 90.B, or 90.C equals "9" and father alive when respondent 16 years old, then PADEATH equal punch "9."  
 If father not coded in 90.A.1, 90.B.1, or 90.C.1 and FAMILY16 equals "9," then PADEATH equals punch "9."  
 If father not coded in 90.A.1, 90.B.1, or 90.C.1 and FAMILY16 equals "3," or "5" and FAMDIF16 equals "9," then PADEATH equals punch "9."
- M. MADEATH  
Coded in an analogous manner to PADEATH.
- N. CHLDDTH  
 If CHILDS greater than zero and child and child's husband or wife not coded in 90.A.1, 90.B.1 or 90.C.1, then CHLDDTH equals punch "0."  
 If CHILDS greater than zero, and child or child's husband or wife coded in 90.C.1 and not coded in 90.B.1 and 90.A.1, then CHLDDTH equals punch "1."  
 If CHILDS greater than zero and child or child's husband or wife coded in 90.B.1 and not coded in 90.A.1, then CHLDDTH equals punch "2."



If CHILDS greater than zero and child or child's husband/wife coded in 90.A.1, then CHLDDTH equals punch "3."  
 If CHILDS equals zero, then CHLDDTH equals punch "Blank."  
 If CHILDS equals "9" and child or child's husband or wife not coded in 90.A.1, 90.B.1, or 90.C.1, then CHLDDTH equals punch "9."  
 If CHILDS greater than zero and 90.C equals "9" and child or child's husband not coded in 90.B.1 or 90.A.1, then CHLDDTH equals punch "9."  
 If CHILDS greater than zero and 90.B equals "9" and child or child's husband not coded in 90.A.1, then CHLDDTH equals punch "9."  
 If CHILDS greater than zero and 90.A equals "9," then CHLDDTH equals punch "9."

- O. SIBDEATH  
Coded in an analogous manner to CHLDDTH.
- P. SPDEATH  
Coded in an analogous manner to CHLDDTH (e.g., if MARITAL equals "never married" then SPDEATH equals "Blank").
- Q. TRAUMA1  
Number of traumas happening to respondent last year (count one if DIVORCE5 equals "2" or "3," HOSDIS5 equals "2" or "3," DEATH5 equals "3, 4, 5, 6, 7, or 8," and UNEMP5 equals "3, 4, 5, 6, 7, or 8.")  
If DIVORCE5, UNEMP5, HOSDIS5, or DEATH5 equals "9," then TRAUMA1 equals "9."
- R. TRAUMA5  
Number of traumas happening to respondent during last five years (count one each if DIVORCE5 or HOSDIS5 equals "1, 2, or 3" or DEATH5 or UNEMP5 equals "1, 2, 3, 4, 5, 6, 7, or 8").  
If DIVORCE5, UNEMP5, HOSDIS5, or DEATH5 equals "9," then TRAUMA5 equals "9."
- S. TRAREL1  
Number of traumas happening to respondent's relatives during the last year (count one each if DIVREL1, UNREL1, or HOSREL1 greater than zero).  
If DIVREL1, UNREL1, or HOSREL1 equals "9," then TRAREL1 equals "9."
- T. TRAREL5  
Number of traumas happening to respondent's relatives during the last five years.  
If DIVREL1 or DIVREL4 greater than zero, then TRAREL5 counts 1.  
If HOSREL1 or HOSREL4 greater than zero, then TRAREL5 counts 1.  
If UNREL1 or UNREL4 greater than zero, then TRAREL5 counts 1.  
If DIVREL1 and/or DIVREL4 equals "9" and the other equals "0," then TRAREL5 equals "9."  
If HOSREL1 and/or HOSREL4 equals "9" and the other equals "0," then TRAREL5 equals "9."  
If UNREL1 and/or UNREL4 equals "9" and the other equals "0," then TRAREL5 equals "9."
- U. TRATOT1  
Sum of TRAUMA1 and TRAREL1. If either TRAUMA1 or TRAREL1 equals "9," then TRATOT1 equals "9."
- V. TRATOT5  
Sum of TRAUMA5 and TRAREL5. If either TRAUMA5 or TRAREL5 equals "9," then TRATOT5 equals "9."

21\*. Are you currently—married, widowed, divorced, separated, or have you never been married?

Married... (ASK A & B).....1  
 Widowed... (ASK A & B).....2  
 Divorced.. (ASK A & C).....3  
 Separated. (ASK A & C).....4  
 Never married(GO TO SPDEG).....5

**IF EVER MARRIED:**

A. How old were you when you first married?

ENTER EXACT AGE:

B. ASK ONLY IF CURRENTLY MARRIED OR WIDOWED:

Have you ever been divorced or legally separated?

Yes (ASK [1]).....1  
No (GO TO SPDEG) .....2

IF YES TO B:

[1] Did you obtain a divorce or separation during the past 12 months, that is since (Feb./Mar.) 1977?

Yes (ASK [2]).....1  
No (ASK [2]).....2

[2] Did you (also) obtain a divorce or separation during the period 1973 through (Feb./Mar.) 1977?

Yes (GO TO SPDEG).....1  
No (GO TO SPDEG).....2

C. IF DIVORCED OR SEPARATED:

[1] Did you obtain a divorce or separation during the past 12 months, that is since (Feb./Mar.) 1977?

Yes (ASK [2]).....1  
No (ASK [2]).....2

[2] Did you (also) obtain a divorce or separation during the period 1973 through (Feb./Mar.) 1977?

Yes.....1  
No.....2

\*Example from 1978 GSS.

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ASK EVERYONE:

22. A. During the past twelve months, that is since (Feb./Mar.) 1977, were any of these people divorced or legally separated?



Yes (ASK [1]).....1  
No (GO TO B).....2

IF YES:

[1] Who was that? (Anyone else?) CODE ALL THAT APPLY:

Husband or wife.....1  
Father.....2  
Mother.....3  
Father-in-law.....4  
Mother-in-law.....5  
Child.....6  
Child's husband or wife.....1  
Brother or sister.....2  
Brother or sister-in-law.....3

B. At any time during the period 1973 through (Feb./Mar.) 1977 were any of the people listed on this card divorced or legally separated?

Yes (ASK [1]).....1  
No (GO TO SEX).....2

IF YES:

[1] Who was that? (Anyone else?) CODE ALL THAT APPLY:

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

ASK EVERYONE:

28. At any time during the last ten years, have you been unemployed and looking for work for as long as a month?

- Yes ..... (GO TO A).....1
- No ..... (GO TO MAWRKGRW).....2
- Don't know (GO TO MAWRKGRW)....8

IF YES TO MAWORK:

A. During the past twelve months, that is since (Feb./Mar.) 1977, were you employed and looking for work for as long as a month?

- Yes .....(GO TO [1]).....1
- No .....(GO TO B).....2

IF YES TO A:

[1] When that happened, were you the main earner in your household, that is, the person making the highest income?

- Yes .....(GO TO B).....1
- No .....(GO TO B).....2

B. Now I would like you to think about a longer period of time. At any time during the years between 1973 and (Feb./Mar.) 1977, were you unemployed and looking for work for as long as a month?

- Yes .....(GO TO [1]).....1
- No .....(GO TO MAWRKGRW).....2

IF YES TO B:

[1] When that happened, were you the main earner in your household, that is, the person making the highest income?

- Yes.....1
- No.....2

29. A. During the past twelve months, that is since (Feb./Mar.) 1977, were any of these people unemployed and looking for work for as long as a month?

- Yes .....(GO TO [1]).....1
- No .....(GO TO INCOM16).....2

HAND
CARD
B

IF YES:

[1] Who was that? (Anyone else?) CODE ALL THAT APPLY:

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

FOR EACH PERSON NAMED IN A:

B. When that happened was (NAME EACH PERSON CODED IN PART A) the main earner in his/her household?

	Yes	No	Don't Know
Husband or wife	1	2	8
Father	1	2	8
Mother	1	2	8
Father-in-law	1	2	8
Mother-in-law	1	2	8
Child	1	2	8
Child's husband or wife	1	2	8
Brother or sister	1	2	8
Brother or sister-in-law	1	2	8

30. A. Now I would like you to think about a longer period of time. At any time during the years 1973 through (Feb./Mar.) 1977, were any of the people listed on this card unemployed and looking for work for as long as a month?

- Yes ... (GO TO [1]).....1
- No .... (GO TO BORN).....2

IF YES:

[1] Who was that? (Anyone else?) CODE ALL THAT APPLY:

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

FOR EACH PERSON NAMED IN A:

B. When that happened was (NAME EACH PERSON CODED IN PART A) the main earner in his/her household?

	Yes	No	Don't Know
Husband or wife	1	2	8
Father	1	2	8
Mother	1	2	8
Father-in-law	1	2	8
Mother-in-law	1	2	8
Child	1	2	8
Child's husband or wife	1	2	8
Brother or sister	1	2	8
Brother or sister-in-law	1	2	8

88. Now I am going to ask about some things that happen in families. First, I am going to ask you about illnesses.

A. During the past twelve months, that is since (Feb./Mar.) 1977, have you, yourself, been a patient in a hospital, sanitorium, convalescent or nursing home (apart from having a baby)?

Yes.....1  
No.....2

B. During the past twelve months, were you unable to work at your job or carry on your regular activities for one month or more because of illness or injury?

Yes.....1  
No.....2

C. During the past twelve months, that is since (Feb./Mar.) 1977, have any of these people been a patient in a hospital, sanitorium, convalescent or nursing home (apart from having a baby), or been unable to work or carry out their regular activities for a month or more because of illness or injury?

Yes .....(ASK [1]).....1  
No .....(GO TO GUNFIRM).....2

HAND  
CARD  
B

[1] IF YES TO C: Who was that? (Anyone else?) CODE ALL THAT APPLY.

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

89. A. Now I would like to know about a longer period of time. At any time during the years 1973 through (Feb./Mar.) 1977, were you a patient in a hospital, sanatorium, convalescent or nursing home (apart from having a baby)?

- Yes.....1
- No.....2

B. During the same years, 1973 through (Feb./Mar.) 1977, were you unable to work at your regular job or carry on your regular activities for one month or more because of illness or injury?

- Yes.....1
- No.....2

C. At any time during the years 1973 through (Feb./Mar.) 1977, were any these people a patient in a hospital, sanatorium, convalescent or nursing home (apart from having a baby), or been unable to work or to carry out their regular activities for month or more because of illness or injury? Please include everybody who was in your family in those years.

- Yes.....(ASK [1]).....1
- No.....(GO TO COURTS).....2

HAND  
CARD  
B

[1] IF YES TO C: Who was that? (Anybody else?) CODE ALL THAT APPLY.

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child... ..6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

90. Since the time that you were 16, did any of the people listed on this card die?

- Yes.....(ASK A).....1
- No.....(GO TO COURTSY).....2

A. IF YES: Did any deaths occur during the past year, that is since (Feb./Mar.) 1977?

- Yes.....(ASK [1]).....1
- No.....(GO TO B).....2

[1] IF YES TO A: Who was that? (Anybody else?) CODE ALL THAT APPLY.

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

ASK EVERYONE:

B. Now, thinking about a little longer period of time, during the years from 1973 through (Feb./Mar.) 1977, did any deaths occur during those years?

- Yes.....(ASK [1]).....1
- No.....(GO TO C).....2

[1] IF YES TO B: Who was that? (Anyone else?) CODE ALL THAT APPLY.

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

ASK ONLY IF R IS 21 YEARS OR MORE. IF R IS UNDER 21 YEARS, OR IF IN DOUBT, GO TO COURTSY.

C. And between the time that you were 16 years old and 1973, did any deaths occur?

- Yes .....(ASK [1]).....1
- No .....(GO TO COURTSY).....2

[1] IF YES TO C: Who was that? (Anyone else?) CODE ALL THAT APPLY.

- Husband or wife.....1
- Father.....2
- Mother.....3
- Father-in-law.....4
- Mother-in-law.....5
- Child.....6
- Child's husband or wife.....1
- Brother or sister.....2
- Brother or sister-in-law.....3

NETWORK CLOSENESS RECODE

(CLOSE12, CLOSE13, CLOSE14, CLOSE 23, CLOSE24, CLOSE25, CLOSE34, CLOSE35, CLOSE45)

315. IF LESS THAN 5 NAMES MENTIONED CROSS OUT UNUSED BOXES.

Please think about the relations between the people you just mentioned. Some of them may be total strangers in the sense that they wouldn't recognize each other if they bumped into each other on the street. Others may be especially close, as close or closer to each other as they are to you.

First, think about NAME 1 and NAME 2. ASK CLOSE12, CLOSE13, CLOSE14, CLOSE15, CLOSE 23, CLOSE24, CLOSE25, CLOSE34, CLOSE35, CLOSE45 FOR FIRST PAIR.

A. Are \_\_\_\_\_ and \_\_\_\_\_ total strangers?

IF YES.....ASK NAME1, NAME2, NAME3, NAME4, NAME5 FOR NEXT PAIR  
DOWN  
IF NO.....ASK CLOSE12, CLOSE13, CLOSE14, CLOSE15, CLOSE 23, CLOSE24,  
CLOSE25, CLOSE34, CLOSE35, CLOSE45

B. Are they especially close? PROBE: As close or closer to each other as they are to you.

IF YES.....ASK NAME1, NAME2, NAME3, NAME4, NAME5 FOR NEXT PAIR  
DOWN  
IF NO.....ASK NAME1, NAME2, NAME3, NAME4, NAME5 FOR NEXT PAIR  
DOWN

PERSON	NAME 1	NAME 2	NAME 3	NAME 4	NAME 5
NAME 2	A. Yes...1 No....2  B. Yes...1 No....2				
NAME 3	A. Yes...1 No....2  B. Yes...1 No....2	A. Yes...1 No....2  B. Yes...1 No....2			
NAME 4	A. Yes...1 No....2  B. Yes...1 No....2	A. Yes...1 No....2  B. Yes...1 No....2	A. Yes...1 No....2  B. Yes...1 No....2		
NAME 5	A. Yes...1 No....2  B. Yes...1 No....2	A. Yes...1 No....2  B. Yes...1 No....2	A. Yes...1 No....2  B. Yes...1 No....2	A. Yes...1 No....2  B. Yes...1 No....2	

Intent of Recode

To simplify analysis, mutually exclusive dichotomies were collapsed into a single three-point scale.

Method of Recode

A response of "yes" to part A became code 3, "total strangers." A response of "no" to part A and "no" to B became code 2, "neither close nor strangers." A response of "yes" to part B became code 1, "especially close."

ORGANIZATIONAL MEMBERSHIP RECODE

(MEMFRAT, MEMSERV, MEMVET, MEMPOLIT, MEMUNION, MEMSPORT, MEMYOUTH, MEMSCHL, MEMHOBBY, MEMGREEK, MEMNAT, MEMFARM, MEMLIT, MEMPROF, MEMCHURH, MEMOTHER, MEMNUM)

Intent of Recode

For user convenience, the total number of organizations has been computed.

Method of Recode

If a respondent answered a "No" to all of the organizational items, MEMNUM was code "00." If a respondent answered "Yes" to any organizations, the total number of "Yes" responses was counted and put in MEMNUM.



Original Question

Question presented in the codebook is as it appeared in the questionnaire.

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## SIMILARITIES RECODE

(ALIKE1-8)

Intent of Recode

The recode provides an approximate scale to measure and compare respondents' general reasoning abilities in categorizing and/or comparing two objects.

Method of Recode

Each item is scored 2, 1, or 0, depending on the degree of understanding expressed and the quality of the response. The general criteria for scores of 2, 1, and 0 for any item are as follows:

2 POINTS - any general classification which is primarily pertinent for both members of the pair ("An eye and an ear are sense organs," "A poem and a statue are works of art").

1 POINT - any specific property or function which is common to both and constitutes a relevant similarity ("An egg and a seed both have shells," "A poem and a statue stir feelings"). Also give 1 point to less pertinent, but correct, general classifications ("An eye and an ear are parts of the body," "Air and water contain oxygen").

0 POINTS - specific properties of each member of the pair, generalizations which are incorrect or not pertinent, differences between the members of the pair, or clearly wrong responses.

The degree of abstraction of the subject's response is an important determinant of the score. That is why pertinent general categorizations are given 2 points, while the naming of one or more common properties or functions of the members of a pair (a more concrete problem-solving approach) merits only 1 point. Thus, stating that a dog and a lion (Item 2) are "Animals" (their general category) earns a higher score than saying "They both have tails" (a property common to each). On the other hand, stating that an orange and a banana (Item 1) are "Fruit" earns more credit than stating that both are "Foods"; while the category of "fruit" is less general than that of "food," it is the more pertinent category. Calling work and play (Item 12) "Basic activities" is less concrete (and hence worth a higher score) than "Things people do."

Of course, even a relatively concrete approach to solving the items ("A dog and a lion both have tails") requires the subject to abstract something similar about the members of the pair. Some subjects are unable to do this and may respond to each member separately rather than to the pair as a whole ("you see with your eyes and hear with your ears"). Although such a response is a true statement, it is scored 0 since it tells how the members of the pair are dissimilar rather than how they are similar.

If a subject gives multiple acceptable responses to an item, score the best response. If a subject gives multiple responses to an item and one or more of the responses are incorrect (i.e., would be scored 0 if given alone), ask,

**Which one is it?**

and score according to the subject's decision.

Examples of responses earning 2, 1, and 0 points follow for some items.

Items and Sample Responses**1. Orange-banana**

2 POINTS - Fruit.

1 POINT - Food...To eat...Have peels...Same color...Grow...Contain vitamins.

0 POINTS - Round...Same shape...Contain calories.

**2. Dog-lion**

2 POINTS - Animals...Mammals.

1 POINT - Have legs (fur,tails)...They bite.

12. 0 POINTS - Look alike...A lion growls, a dog barks...Dangerous...Belong to same species (Q).<sup>1</sup>  
**Work-play**

2 POINTS - Basic human activities...Things that all people do...Activities valued by society...Give value to living...Both require effort for success.

1 POINT - Things you do (Q)...Human activities (Q)...Keep you busy...Ways to spend your time...Use up energy...Things done during the course of the day...Can get enjoyment from both.

0 POINTS - Must do both of them...Necessities of life...Keep you out of trouble...You do them with other people...Keep you from being depressed (Q).

#### PRELIMINARY MENTAL HEALTH RECODES

(PROBFIX1-3, PROBHLP1-3, MNTLAS1-2, MNTLIMP1-3, MNTLSYM1-3, MNTLOTH, BRKDAS1-2, BRKDIMP1-3, BRKDSYM1-3, BRKDOTH, BRKDWY1-3, BRKDDO1-3, BRKDHLP1-3, BRKDDTIME, BRKDDUR, MNILWHY1-3, MNILDO1-3, MNILHLP1-3, MNILTIME, MNILDUR)

PROBFIX1-3, BRKDDO1-3, and MNILDO1-3

#### I. Denial

11. I would try to forget about it, not think about it

#### II. Displacement

21. Hostility. (Not directed at source of problem) I would get mad, irritable, take it out on someone else (R's response is not coded here if R's problem would involve another person, and R would get angry at that person. In such a case, (63) is coded.)

22. Would engage in activity. I would go for a walk; I would read a book; I would get busy with something else; I would try to get engrossed in something else to take my mind off it (here is coded any activity which R would engage in which does not directly deal with the problem, but may relieve some of the anxiety about it—unless medications, pills, etc., which are coded (61).)

23. Would seek release from awareness. Would get drunk, take a drink, take dope.

24. Would seek release from awareness. Would go to sleep (response is not coded here if R says, "I would go to sleep in order to get refreshed and be able to handle the problem better afterwards.")

25. Fantasy Action. R would think about magical type solutions to problems or would imagine problems don't exist. I would imagine myself as the president of the company and then nobody could criticize me

#### III. Passive Reaction

31. Nothing. I would do nothing, wouldn't do anything; there wouldn't be much to do about it; there would be nothing to do; I would just let things take their course; I would just hope for the best; would just give up

#### IV. Passive Reaction - Problem still salient

41. Worry. I would worry about it, I would fret over it; would just keep on worrying, thinking about it; I would keep on worrying till things work out

#### V. Passive Reaction - Religious

51. I would pray. Would turn to prayer; would trust in the lord (going to minister is not coded here; in such case, (82) is coded. If NA whether (51) or (82) should be coded, as turn to the church, go to the church, read the Bible, the scriptures or inspirational literature, (51) is coded.)

#### VI. Reactions which are not clearly coping or denial

61. Would take medications. Tranquilizers; Aspirins, etc. - any medication treating physical symptoms and tensions (if prescribed by a doctor, response is coded here and also under (82).)

62. Would pull myself together; exercise self-control (NA whether this is attempt to deny and forget the problem - coded under (11) - or prelude to attempts to solve the problem - coded in the (70s))

<sup>1</sup>When the notation "(Q)" appears in the scoring rules, this indicates that the response preceding the (Q) should be queried.

- 63. Expressions of hostility directed at person seen as source of problem (if would not be directed at source of problem, (21) is coded.)
- 64. Palliatives measures which would 'cope' with a problem defined in physical or general terms, but would "deny" and/or "displace" specific "personal problems" - attempts to reduce immediate pressures and tensions. Take a vacation; would take it easier, try to relax a little more (except those responses coded in (61))
- 65. Meditation
- 66. Faith or confidence in self; strength; fortitude
- 67. Social comparison; R better off than other; seeing others that are worse off than me.
- 68. Emphasis on positive aspects of life; optimism; sense of humor; positive view of life.
- 69. Other reactions which are not clearly coping or denial

#### **VII. Coping Reaction - Independent**

- 71. Self-assessment, thought would be mode of problem-solving attempts. I would try to figure out what is wrong; see what the problem is, who is at fault (if whether (71) or (72), (72) is coded)
- 72. Immediate action would be mode of problem-solving. Would solve it; just keep on trying; would do something about it (if NA whether (71) or (72), (72) is coded.)
- 73. Would cope with interpersonal problem by talking it over with person involved. (if person not involved or if NA whether person involved or not, (81) is coded.). Would talk it over with spouse if marriage problem (Note. Specific person is not coded in SOURCES OF HELP)
- 74. Permanent situational limitation of sphere of activity would be mode of problem-solving; I'd get another job; I'd move to another city (temporary situational changes such as "I'd take a vacation" should be coded under (64).)
- 75. Permanent interpersonal limitation of sphere of activity would be mode of problem-solving. would eliminate and/or change relationships seen as causing problem (change friends; get a divorce)

#### **VIII. Coping Reaction - Outside help sought**

- 81. Talking it over with INFORMAL SOURCE(S) -- family, friends, neighbors, etc. (unless coping with interpersonal problems by talking it over with person involved, in which case, code 73. talk it over with someone, talk with about it; also code here general mentions of person(s). e.g., spending time with, being with family, friends, "my parents," "my wife," etc.; if NA whether 81 or 82, code 81. (specific people or institutions are coded ahead in SOURCES).
- 82. Talk it over with FORMAL SOURCE(S) -- doctor, lawyer, clergyman, psychiatrist, psychologist, counselor, etc.; include "got professional help," etc.; if source of help is both a formal AND informal source code 82; if NA whether 81 or 82, code 81.
- 83. Admit self/be admitted to/was admitted to mental hospital, psychiatric ward, etc.

#### **IX. Missing Data**

- 98. DK; it would never happen to me; wouldn't know what to do
- 99. NA
- BK INAP., No further mention

#### **PROBHLP1-3, BRKDHLP1-3, and MNILHLP1-3**

#### **I. Family is source of help**

- 100. Spouse only family member mentioned
- 101. Child(ren) only family member(s) mentioned
- 102. Father only family member mentioned; father-in-law
- 103. Mother only family member mentioned; mother-in-law
- 104. Brother only family member mentioned
- 105. Sister only family member mentioned
- 106. "Family" (particular family member no specified)
- 107. Parents; father and mother
- 108. Any other combination of family members (e.g., wife and children; wife and parents; father and aunt); my relatives
- 109. Any other specific family member mentioned, if only one family member is mentioned; e.g., aunt, uncle; a relative

#### **II. Non-professional, non-family persons**

- 200. Friend(s), neighbor(s), acquaintance(s) is mentioned
- 201. Particular friend, neighbor, acquaintance is mentioned (unless work associate or boss, in which case (202) or (203) is coded). I would speak to my friend Mary; there's another person I respect very much - I'd talk to him (if NA whether R has a particular person(s) in mind, (200) is coded.)
- 202. Fellow worker, work associate(s) is mentioned

- 203. Supervisor, boss is mentioned
- 290. Other non-professional, non-family person(s)

### III. Self-help groups

- 300. Alcoholics Anonymous
- 301. Lonely hearts club
- 302. Fraternal organizations
- 303. Parent-teacher organizations
- 304. Recovery Inc.
- 390. Other self-help groups

### IV. Professional, non-mental health specialists

- 400. Clergymen
- 401. Family Physician
- 402. Physician-specialist (non-mental health)
- 403. Doctor -- Non-psychiatrist; family doctor not specified; type of doctor not specified
- 404. Other medical type specialists. Chiropractor; osteopath
- 405. Public health nurse
- 406. Teacher or principal
- 407. Visiting teacher, other teaching specialists
- 408. Lawyer
- 409. Policeman, court, judge
- 480. Other professional non-mental health specialists
- 490. Professional help, NA which kind
- 499. Professional help, NA what kind

### V. Professional, mental health specialists

(Note. If R gives a specific person in a professional agency, both codes in the 500's and 600's series are coded.)

- 500. Psychiatrist; psychoanalyst
- 501. Neurologist, "Nerve Doctor"
- 502. Psychologist
- 503. Social worker
- 504. Vocational counselor
- 505. Marriage counselor
- 506. Counselor; NA specific kind
- 507. Rehabilitation specialist. Occupational therapist; speech therapist
- 508. Any "illegitimate" mental health specialist - astrologer, palmist, fortune teller, medium
- 509. Other professional mental health specialists
- 590. Other professional mental health specialist

### VI. Professional Agencies

(Note. If R give a specific person in a professional agency, both codes in the 500's and 600's series are coded.)

- 600. Social welfare agency; specifically related to welfare, giving economic aid; departments of welfare of city, state
- 601. Social Service agencies; e.g., family service agency, Catholic charities
- 602. Child guidance clinic
- 603. Vocational guidance center, employment bureau
- 604. Hospital. NA what clinic or ward
- 605. Hospital. Mental institution
- 606. Hospital. Mental hygiene clinic; outpatient mental health unit
- 607. Mental hygiene clinic, not related or NA if related to hospital
- 608. Rehabilitation center; speech clinic
- 610. Substance abuse agency
- 690. Other professional agency

### VIII. Other

- 700. Church or church group
- 800. Other

### IX. Missing data

- 910. R doesn't mention taking problem to anyone; no more mentions

- 980. DK whom I'd talk to, but would talk to someone
- 998. DK whom I'd talk to, but would talk to someone
- 999. REFUSED
- BK. INAP., R doesn't mention taking problem to anyone; no further mentions

## BRKDWY1-3 and MNILWHY1-3

**I External Situation**

- 10. Financial condition. loss of money, not having enough money, too man debts
- 11. Housing condition. cramped, poor quarters
- 12. R's physical health. physical illness, physical disability, chronic conditions (R's Mental illness is coded in the 30s series)
- 13. Other persons physical health. someone close to R has chronic illness, other illness, physical disabilities causing nervous breakdown (14) is coded if another person's mental health problem. death is coded (15).
- 14. Other person mental health problem. someone close to R has mental disturbance (A psychotic episode) [code relationship]
- 15. Death of someone close to R
- 16. Physical separation (not death or illness) from someone close to R. when my husband was away in service; when my children were living in foster home
- 17. R's relocation to a strange place. when we were living in XXXXX for a while
- 18. work-related tension. overwork overtired from strain of business, business worries, working too hard (if R specifically sees himself as to blame for work failure, (37) is coded)
- 19. Other external situations precipitating nervous breakdown

**II Interpersonal situation -- Relationship or other person blamed**

(Note. if an interpersonal problem precipitating nervous breakdown was perceived by R to reflect his own inadequacy, codes in the 30s series are used. If not ascertainable whether codes in the 20s or the 30s series should be used, the 20s series is coded.)

- 21. Getting along in marriage. quarrel with spouse, etc.
- 22. Getting along with children. my children talk back to me, get me nervous
- 23. Getting along with family (NA children or spouse). home problems.
- 24. Getting along with relatives other than above. arguments with in-laws, parent, siblings, etc.
- 25. Getting along with opposite sex (not family members). problem with fiancé(e), dating
- 26. Getting along with friends same sex as R or NA sex. disagreement with a friend
- 29. Other interpersonal situations precipitating nervous breakdown

**III Self Inadequacies (Fault is seen in R)**

- 31. R's sexual problem - (all references to sexual problems, unless specified as a problem of the other person or in the relationship re coded here)
- 32. R's problems related to menopause
- 33. R's interpersonal inadequacy -- related to marriage. I wasn't a good wife
- 34. R's interpersonal inadequacy -- related to children. couldn't handle the children any more (If depression after childbirth, it is coded 36)
- 35. R's interpersonal inadequacy -- related to getting along with people other than spouse or children. I'm very nervous whenever I'm with people
- 36. Depression after birth of children
- 37. Work-related failures. I felt I had failed at my job (if R does not see fault for business, job failures a personal, it is coded 18).
- 38. Inadequacies related to alcohol or drug abuse
- 39. Other personal inadequacies

**IV General, Nervous breakdown -- precipitating cause NA**

(All General descriptions of R's state.)

- 41. R feels upset often, worried often, overwhelmed by things, couldn't face problems, just giving up

**VIII Other**

- 80. Other precipitating condition for nervous breakdown

**NOTE. THE FOLLOWING CODES USED BY AVTMH CODERS FOR A DEPRESSION QUESTION WERE ALSO USED HERE TO CODE THE CAUSES BECAUSE THEY WERE MORE TO THE POINT FOR SOME RESPONDENTS.** When codes below were the same as codes above, we used the codes above. Codes below could be recoded to codes above.

### **I. ECONOMIC AND MATERIAL MATTERS.**

#### **FINANCIAL OR MATERIAL SITUATION (NON-RESIDENTIAL)**

- 101. Poor or declining financial status. not having enough money; too many debts; paying bills (if problem stated in terms of business, code 206)
- 102. Trouble with loan, mortgage. receiving notification of foreclosure, letter of indebtedness, property repossessed or wages garnished
- 103. Loss of assets. loss of money, property (non-residential), stock, etc.
- 104. Theft or destruction of property (non-residential). robbery, vandalism, crimes against R's property
- 109. Other specific non-residential financial or material matters that happened to R (or R's spouse)
- 111. Bad financial or material situation of R's child(ren), stepchild(ren), child(ren) in-law
- 112. Bad financial or material situation of R's parent(s), stepparent(s), parent(s) in-law
- 113. Bad financial or material situation of R's sibling(s), step sibling(s), sibling(s) in-law
- 119. Bad financial or material situation of someone other than R (or spouse) and persons codable in 111-113.

#### **HOUSING – PLACE OF RESIDENCE**

- 121. Moved to or lives in poor (worse) house or apartment
- 122. Moved to or lives in poor (worse) neighborhood
- 123. Dislocation or relocation. moved to new (strange) neighborhood, town, or country; changes in residence other than 121 or 122
- 124. Damage to residence (house or apartment); fire, vandalism, weather, etc
- 129. Other specific residence related matters that happened to R (or R's spouse)
- 131. Bad thing concerning residence that happened to R's child(ren), child(ren) in-law
- 132. Bad things concerning residence that happened to R's parent(s), stepparent(s), parent(s) in-law
- 133. Bad things concerning residence that happened to R's sibling(s), step sibling(s), sibling(s) in-law
- 139. Bad things concerning residence that happened to someone other than R (or spouse) and persons codable in 131-133.

#### **WORK-RELATED MATTERS**

- 200. Problems finding a job. couldn't (can't) find work
- 201. Quit job
- 202. Laid off
- 203. Fired
- 204. Unemployed or lost job (no specific reference to quitting, being laid off or fired)
- 205. Retired from job or major life occupation
- 206. Business problems. poor or declining business
- 207. Business failure
- 210. General statements about negative events at work. "don't like my job", etc
- 211. Failed to receive promotion, better job, desired job
- 212. Job demotion. demoted or changed to poorer job or employer, less responsible job
- 213. Trouble with boss or supervisor
- 214. Trouble with co-workers. (code here any interpersonal difficulties at work with no specific mention of boss or supervisor)
- 215. Work-related failure. failed at job
- 216. Work-related tension. overwork, time pressures, working too hard, etc
- 217. Poor or deteriorating (Physical) work conditions. health, safety, danger, distance, hours
- 219. Other specific work-related matters that happened to R (or spouse)
- 221. Bad things related to work that happened to R'S child(ren), stepchild(ren), child(ren)-in-law
- 222. Bad things related to work that happened to R's parent(s), stepparent(s), parent(s)-in-law
- 223. Bad things related to work that happened to R's sibling(s), step sibling(s), sibling(s)-in-law
- 229. Bad things related to work that happened to someone other than R (or Spouse) and persons codable in 221-223

### **III SCHOOL-RELATED MATTERS**

- 300. General Statements about negative events related to school
- 301. Admission problems or failure. not accepted at desired school, training program
- 302. Failure in school, training program; flunked a test, course,; other failures in school
- 303. Changed schools

- 304. School-related pressures; meeting deadlines, pressures of studying, papers, exams; working too hard
- 309. Other specific school-related matters -- R ONLY
- 310. Bad things related to school that happened to R's spouse
- 311. Bad things related to school that happened to R's child(ren), stepchild(ren), child(ren)-in-law
- 319. Bad things related to school that happened to someone other than R and persons codable in 310-311

#### **IV LEGAL DIFFICULTIES**

- 400. Legal Problem(s) -- General, NA what kind
- 401. Involved in court action, lawsuit, legal action
- 402. Arrested or convicted of crime, violation of law
- 403. Detained in jail or correctional institution
- 404. Legal aspects of divorce, custody of children cited
- 405. Loss of driver's license
- 409. Other specific legal problems that happened to R ONLY
- 410. Legal difficulties involving R's SPOUSE
- 411. Legal difficulties involving R's child(ren), step-child(ren), child(ren)-in-law
- 419. Legal difficulties involving someone other than R and persons codable in 410-411

#### **V INTERPERSONAL SITUATION**

- 500. Loneliness, Isolation -- general. interpersonal troubles or difficulties
- 501. Troubles with Family (NA whether spouse or children). getting along with family; family problems, home problems; family quarrels or arguments
- 502. Troubles with Spouse. getting along in marriage; troubles, quarrels with spouse, fighting, arguing or other interpersonal problems with husband or wife.
- 503. Troubles with child(ren); getting along with children; raising children; children talk back, won't mind me, get me nervous.
- 504. Troubles with parent(s) or in-law(s). getting along with mother/father or mother/father -in-law
- 505. Troubles with relative(s) or family member(s) other than above. e.g. argument with sibling(s), grandparent(s), etc.
- 506. Troubles with friend(s) of opposite sex (not family members). getting along with girlfriend(s)/boyfriend(s), fiancé(e); problems with dating, etc.
- 507. Troubles with friend(s) of same sex as R or NA sex. getting along with friend(s); disagreements, arguments or fights with friend(s) (if people at work, code 214)
- 508. (Unwanted) pregnancy of R, wife or girlfriend
- 509. Other specific interpersonal troubles or difficulties of R
- 511. Interpersonal difficulties of R's child(ren), step-child(ren), child(ren)-in-law, in-law problems of R's children
- 512. Interpersonal difficulties of R's Parents (s), step-parent(s), parent(s)-in-law, e.g., R's parents don't get along
- 513. Interpersonal difficulties of R's sibling(s), sibling(s)-in-law, e.g., marriage problems of R's brother
- 519. Interpersonal difficulties of someone other than R (or spouse) and persons codable in 511-513

#### **DISRUPTION OR TERMINATION OF RELATIONSHIP**

(NOTE. Disruptions or terminations due to death or illness are coded under VI and VII)

- 520. Physical separation from spouse. when my husband and I were apart; when I (he) was away in the service; away from wife; if separation due to marital discord, code 523; if NA whether 520 or 523, code 523)
- 521. Physical separation from child(ren). child(ren) were living in foster home, R divorced, separated from wife and children; when children grew up, married, left home (if separation due to discord or troubles with child(ren), code 525; if NA whether 521 or 525, code 521)
- 522. Physical separation from someone close to R, other than spouse or children; when my mother and I were separated, when my fiancé(e) and I were apart, etc.
- 523. Marital separation. separation from spouse due to marital discord; legal separation for any reason; husband left me; got a separation
- 524. Divorce. when I was divorced (if NA whether 523 or 524, code 523)
- 525. Separation from child(ren) due to troubles or discord; child(ren) ran away, left home after disagreement, argument, etc.
- 526. Breakup with friend(s) of opposite sex. broken engagement, breakup of someone dated (steadily); girlfriend left me
- 527. Breakup with friend(s) of same sex as R or NA sex
- 529. Disruption or termination of relationship not included above
- 531. Disruption or termination of love relationship of R's child(ren), step-child(ren), child(ren)-in-law
- 532. Disruption or termination of love relationship of R's Parents (s), step-parent(s), parent(s)-in-law

- 533. Disruption or termination of love relationship of R's sibling(s), step-sibling(s), sibling(s)-in-law
- 539. Disruption or termination of love relationship of someone other than R (or spouse) and persons codable in 531-533

#### **GAIN OF HOUSEHOLD OR FAMILY MEMBER(S)**

- 540. Birth of (unwanted) child(ren); took on responsibility for raising (additional) child
- 541. Parent(s) or parent(s)-in-law moved in with R
- 542. Other relative(s) or family member(s) moved in with R
- 549. Other gain of household or family member
- 559. Gain of household member by someone other than R (or spouse)
- 599. Other interpersonal matters

#### **VI DEATH OF SOME ONE CLOSE**

- 600. Death of someone close -- NA who. e.g. a death (see also 15)
- 610. Death of family member -- NA which one
- 611. Widowed. death of spouse
- 612. Death of child(ren), stepchild(ren)
- 613. Death of unborn child. stillbirth, miscarriage (abortion is coded in Section VII, with category depending on specific circumstances)
- 614. Death of Parent(s), stepparent(s), parent(s)-in-law
- 615. Death of Grandparent(s)
- 616. Death of Sibling(s) step-sibling(s)
- 619. Death of Other specific relative(s) or family member(s), including combinations of 611-616
- 620. Death of close friend or neighbor
- 630. Death of pet
- 649. Other death of someone close to R (or R's spouse)
- 659. Death of someone close affecting person other than R (or spouse)

#### **VII PHYSICAL HEALTH OR INJURY**

- 700. Poor Health or sickness of R -- not further specified or NA whether 701, 702, or 703
- 701. Serious Physical illness of R. major operation, tuberculosis, cancer, heart disease (attack), kidney disease, etc.; any hospitalization for physical illness
- 702. Chronic condition or disability of R (if clearly from accident or injury, code 703). high blood pressure, arthritis, asthma, diabetes, etc.
- 703. frequent Minor illness of R. influenza, physical aches, headaches, bad back, hemorrhoids, minor operation, etc.
- 704. Serious accident or injury to R. auto accident, fall, burn, back injury, broken neck, etc.
- 705. Accident or injury to R -- not further specified or NA whether 704
- 709. Other health-related problems of R
- 710. Physical illness of R's spouse
- 711. Accident or injury of R's spouse
- 719. Other health-related problems of R's spouse
- 720. Physical illness of R's child(ren), stepchild(ren)
- 721. Accident or injury of R's child(ren), stepchild(ren)
- 729. Other health-related problems of R's child(ren), stepchild(ren)
- 730. Physical illness of R's Parent(s), stepparent(s), parent(s)-in-law
- 731. Accident or injury of R's Parent(s), stepparent(s), parent(s)-in-law
- 739. Other health-related problems of R's Parent(s), stepparent(s), parent(s)-in-law
- 749. Health-related problems of someone other than R or persons codable in

#### **VIII MENTAL HEALTH OR ADJUSTMENT**

- 800. Personal or adjustment problems -- general. not further specified
- 801. Tired all the time. can't seem to do things; hard for me to keep up with things
- 802. Neurotic problem; fears, phobias; nervousness, worried anxiety
- 803. Mood Disturbances. unhappiness, depression, hopelessness, boredom, ennui
- 804. Self-doubt, confusion regarding self-identity, insecurity
- 805. Indecision, aimlessness, loss of direction
- 806. Substance abuse problems. alcohol, drugs, etc
- 807. Onset or recurrence of mental illness. was in an institution; mental disturbance, psychotic episode, nervous breakdown
- 809. Other specific psychological disturbances



- 810. Mental illness or adjustment problems of R's spouse
- 811. Mental illness or adjustment problems of R's child(ren), stepchild(ren), child(ren)-in-law
- 812. Mental illness or adjustment problems of R's Parent(s), stepparent(s), parent(s)-in-law
- 813. Mental illness or adjustment problems of R's Sibling(s) step-sibling(s), sibling(s)-in-law
- 819. Psychological disturbances or adjustment problems of someone other than R and persons codable in 810-813
- 997. Other
- 998. DK, Can't remember
- 999. NA
- BK INAP. No anticipated nervous breakdown, no second mention.

## BRKDTIME and MNILTIME

- 1. R indicates that conditions causing nervous breakdown are presently salient for him
- 2. R indicates that conditions causing nervous breakdown were only in the past and do not presently affect R (not clear how far in past)
- 3. R indicates that conditions causing nervous breakdown were more than 5 years in the past and do not presently affect R
- 4. R indicates that conditions causing nervous breakdown were less than in the past and do not presently affect R (codes 3 and 4 were NOT used in 1957 & 1976 and could be collapsed into code 2)
- 9. NA whether conditions causing nervous breakdown are of past or present concern.
- BK R says no breakdown

## BRKDDUR and MNILDUR

**Long-term**

- 1. Long-term reaction (severe) -- extensive period mentioned in which R elaborates on a severe nervous feeling state. for months, I cried almost all the time
- 2. Long-term reaction (no very severe) -- extensive period mentioned in which R elaborates a minor nervous feeling state. In have felt blue every so often during the past ten years.
- 3. Long-term reaction (severity NA) -- extensive period mentioned in which R does not give enough elaborations to allow coder to code 1 or 2.. I've been overworking for years.

**Short-term**

- 4. Short-term reaction (severe) -- a short period mentioned in which R elaborates on a severe nervous feeling state. I was in a state of shock the week after my parents died.
- 5. Short-term reaction (not very severe) -- A short period mentioned in which R elaborates a minor nervous feeling state. When we had tornado warnings, I was a little concerned
- 6. Short-term reaction (severity NA). -- a short period mentioned in which R does not give enough elaboration to allow coder to code 4 or 5. when my mother died, I was upset.

**NA Duration**

- 7. Severe reaction, NA how long.
- 8. Not very severe reaction, NA how long.
- 9. NA severity and Length
- BK R said no breakdown.

## MNTLAS1-2 and BRKDAS1-2

- 1. Psychoses, generally (not distinguished as 2 or 3)
- 2. Violent psychoses
- 3. Nonviolent psychoses
- 4. Neurasthenic neuroses
- 5. Neuroses (other than 4), emotional disturbances
- 6. Nervous breakdowns
- 7. Nerves, nervousness (when not clearly 5 or 6)
- 8. Mental deficiency
- 9. Psychopathic personalities
- 10. Some code of 1-13 is used but part of answer is unclassifiable
- 11. Other non-psychotic disorders
- 12. Non-psychotic mental illness, generally

13. Mental illness, generally (not distinguished as psychotic or non-psychotic)
14. Says doesn't know at some point, but answers any way
15. Respondents only answer to entire question is don't know, or the question is entirely unanswered in all dimensions
16. Includes a variety of diagnostic categories

**17-22 for BRKDAS1-2 ONLY**

17. It is (may be) a forerunner, beginning of mental illness, other than 2
18. It is (may be) a forerunner, beginning of psychosis, insanity
19. It is simply a euphemism for mental illness
20. It refers to temporary mental illness
21. It refers to the acute stage of mental illness
22. It is a vague, ill-defined, unscientific category (including don't know because of impression of term)
99. No answer or no mention of included diagnoses

**MNTLIMP1-3 and BRKDIMP1-3**

101. Psychoses not distinguished as 2 or 3.
102. Violent psychoses.
103. Non-violent psychoses.
104. Neurasthenic neuroses (i.e., the most popular conception of nervous breakdown).
105. Neuroses other than 4.
106. Acute (momentary nerve storms, tensions, or persistent nervousness)
107. Psychotropic personalities; social deviants; exaggerated eccentrics.
108. Simple mental deficiency.
109. Non-psychotic, but otherwise unclassifiable.
110. Can't tell whether psychotic or non-psychotic.
111. Other non-psychotic disorders
112. Some code of 100-110 is used, but part of answer is unclassifiable.
999. Not enough data to make this judgment

**MNTLSYM1-3 and BRKDSYM1-3**

201. Extreme, excessive.
202. Unstable, changeable, capricious.
203. Unpredictable, impulsive, erratic.
204. Unreliable, undependable.
205. Uncontrolled, lacking self-control.
206. "Childish," "immature" (i.e., probably means 48/7 or 48/8, but doesn't say so).
207. Irrational, inexplicable, illogical, unreasonable.
208. "Incompetent", lacking responsibility for actions ("legal approach").
210. SOCIALLY deviant behavior, general (DOUBLE CODE WHEN SO STATED).
211. PERSONALLY deviant behavior, general (DOUBLE CODE WHEN SO STATED).
212. Disordered, abnormal, unspecified.
299. No use of general characteristics.

**VIOLENCE**

301. (Violent) sex crimes (SEE ALSO CODE 51/9).
302. Homicidal tendencies, impulses.
303. Violence against other people, other than 1, 2.
304. Suicidal tendencies, impulses.
305. Destructiveness, violence against property.
306. Violence, general and unspecified.

**EXTREME EMOTIONAL EXPRESSIONS**

307. Noisy, loud, boisterous.
308. Temper tantrums, raging, screaming.
309. (Senseless, excessive) laughter.
310. (Senseless, excessive) weeping.

- 311. Hysterics, general and not classifiable as 8, 9, or 0.
- 399. No mention of symptoms of these types.

#### **APPEARANCE, SPEECH, MANNERISMS**

- 401. Peculiar facial expression.
- 402. Peculiarities in posture, walk.
- 403. Neglect of personal appearance.
- 404. Other signs in external appearance.

#### **SPEECH MANNERISMS**

- 405. Talking to self.
- 406. Mutism, refusal to talk.
- 407. Too little talking, taciturnity.
- 408. Excessive talking, verbosity.
- 409. Retarded speech.
- 410. Rapid speech.
- 411. Inappropriate, incoherent talk, wild talk
- 412. Other speech disturbances.
- 499. No mention of symptoms of these types.

#### **OTHER BEHAVIORS AND PHYSICALS MANNERISM MANIFESTATIONS**

- 501. Tense, jumpy, restless, unable to relax.
- 502. Tremors, trembling, shaking, twitching.
- 503. Stuporous; trance-like states.
- 504. Fainting.
- 505. Wandering, running away.
- 506. Infantile behavior, regression (ONLY WHEN CLEAR-CUT; SEE ALSO CODE 8/6).
- 507. Specific examples of bizarre (completely uninterpretable)behavior.
- 508. Criminality, delinquency.
- 509. Sexual deviations.
- 510. Drug Addiction. 1996 note. drug abuse
- 511. (Excessive) drinking; alcoholism.
- 512. Specific examples of culturally-exceptional behavior, other than 8-X.
- 599. No mention of symptoms of these types.

#### **IMPAIRMENTS OF HEALTH, PHYSICAL WELL-BEING**

- 601. Loss of appetite, weight.
- 602. Insomnia.
- 603. Headaches.
- 604. Dizziness, nausea.
- 605. Digestive disturbances, other than 4.
- 606. Circulatory (cardio-vascular) disturbances and manifestations.
- 607. Respiratory disturbances.
- 608. Other specific psychosomatic reactions.

#### **GENERAL**

- 609. (Physical) (chronic) fatigue, exhaustion.
- 610. (Physical malaise; physical weakness, collapse (SEE ALSO CODES 54/X, 54/Y).
- 611. (Physical) malfunctioning of nervous system, vague (DOUBLE-CODE WHEN SO STATED).
- 612. (Psychosomatic) manifestations in physical illness, general and unspecified.
- 699. No mention of symptoms of this type.

#### **DISTORTIONS OF REALITY**

- 701. Hallucinations.
- 702. Delusions, other than persecution.
- 703. Delusions of persecution (ONLY WHEN CLEAR-CUT. OTHERWISE CODE 53/4).
- 704. Distrust, suspicion; paranoid, persecutory trends; ideas of reference (SEE ALSO CODES 52/0, 54/3, 54/4, 54/6).
- 705. Hypochondriacal tendencies, preoccupation with own health.
- 706. Disordered imagination, vague and unspecified.
- 707. Clouding of reality.

- 708. (Excessive) fantasizing; withdrawal from, break with reality (WHEN EXTREME, SEE CODES 53/9, 55/8, 56/3).
- 709. Inability to accept, face, adjust to reality, life (“Escapism”, Maladjustment”)
- 710. Lack of perspective; impaired judgement (SEE ALSO CODE 55/4).
- 711. (Conscious) falsification, lying, misrepresentation (SEE ALSO CODE 55/0).
- 712. Reality distortions, general and unspecified.
- 799. No mention of symptoms of this type

#### **DISORDERED SELF-CONCEPT**

- 801. Egocentric, selfish, (excessively) demanding.
- 802. Self-important, boastful, self-assertive.
- 803. Self-righteous; self-justifying, obstinate, stubborn, (“projecting blame”).
- 804. Critical, dissatisfied, complaining.
- 805. Self-accusatory, self-blaming, self-punishing, “masochistic”.
- 806. Self-pitying, martyred; feelings of rejection.
- 807. Insecure, lack of self-confidence.
- 808. Submissive, dependent, indecisive.
- 809. Self-centered talk.
- 810. Lack of self-insight.
- 811. Functional impairment (SEE ALSO 52/0, 54/Y)
- 812. (Complete) inability to function, when not clearly 52/0.
- 899. No manifestations of this type mentioned.

#### **MOOD DISTURBANCES**

- 901. Outgoing, extroverted, elated.
- 902. Worried, fearful, anxious. (SEE ALSO CODES 53/4, 53/5 54/7)
- 903. Nightmares, disturbing dreams.
- 904. Irritable, excitable, sensitive, easily upset (SEE ALSO 55/5).
- 905. Hostile, aggressive, difficult to get along with. (SEE ALSO 49/8, 55/4).
- 906. Unhappy, depressed.
- 907. Defeated, beaten; surrendering, giving up; (feeling of inadequacy, self-doubt).
- 908. Withdrawn (SEE ALSO 55/0, 55/X).
- 909. Socially ill at ease.
- 910. Secretive, self-concealing (“undoing”, “compensatory”).
- 911. Apathy, indifference, lack of initiative (“disenchantment with life”).
- 912. Emotionally inhibited, repressed, inaccessible.
- 999. No symptoms mentioned.

#### **DISORDERED THOUGHT, INTELLECT, COGNITION**

- 921. Loss of memory; major disorders of memory (including disorientation) (WHEN CLEAR-CUT; SEE ALSO CODE 56/3).
- 922. Intellectual retardation, lack of comprehension (SEE ALSO CODE 56/3).
- 923. Distracted, absent-minded; forgetful, unable to concentrate.
- 924. Brooding, preoccupied.
- 925. Obsessive, compulsive (“fanatic”).

#### **MNTLOTH and BRKDOTH**

- 1001. Mentions having been “insane,” psychotic personally.
- 1002. Mentions own mental illness in 656C, but can’t classify into 1001,1003,1004
- 1003. Mentions being (having been) neurotic personally
- 1004. Mentions having had a nervous breakdown personally (including all such references in Q6)
- 1005. Mentions own emotional disturbance short of mental illness (DO NOT CODE IF 1001-1004 can be coded).  
sometimes I fell I may be mentally ill myself; I get so mad I’m afraid I’m going crazy; I almost had a nervous breakdown myself; etc.

#### **REFERENCE TO FAMILY, FRIENDS**

- 1006. Mentions family members, friends having been “insane”, psychotic. my sister is just coming out after two years (ie, any reference to institutionalization for mental illness is classified here); a friend of mine is in the state hospital, etc.
- 1007. Mentions family members, friends being (having been) mentally ill in 656C, but can’t classify into 1006,1008,1010.
- 1008. Mentions family members, friends being (having been) neurotic.

1010. Mentions family members, friends having nervous breakdowns (including any references in Q6.)  
 1011. Mentions emotional disturbances of family members, friends short of mental illness.

#### **DENIAL OF CONTACT, FAMILIARITY**

1101. Denies personal contact with the “insane”, psychotic. I’ve never seen anyone who was insane, so I don’t know; I’ve never known anyone like that (in context of psychotic symptoms); etc.  
 1102. Denies personal contact with mentally ill in 656C, but can’t classify in to 1101, 1103, 1104. I ain’t seen anyone who was mentally ill; I’ve never been around a mentally ill person to any great extent; I’ve never seen on (in unclassifiable symptom context); etc  
 1103. Denies personal contact with the neurotic. I’ve never run into anyone who was really psychoneurotic; I’ve never know anyone like that (in the context of neurotic symptoms); etc.  
 1104. Denies personal contact with nervous breakdowns (including any such denial in Q6). I never say anyone with a nervous breakdown; etc.  
 1105. Denies personal contact with MI, not classifiable above.

#### **GENERAL KNOWLEDGE CODES**

1106. Denies general familiarity with insanity psychosis (DO NOT CODE IF 1 IS CODED). I don’t know much about the subject of insanity; etc.  
 1107. Denies general familiarity with mental illness in 656C, but can’t classify into 7,9,X (1106,1108,1109)  
 1108. Denies general familiarity with neurosis (DO NOT CODE IF 3 IS CODED)  
 1109. Denies general familiarity with nervous breakdowns, (including any such denial in 656A)  
 1110. Denies general familiarity with MI, not classifiable above

#### **MISCELLANEOUS VIEWPOINTS**

1201. References to sympathy, pity for the mentally-ill. I’m heart-sick for them; I feel awfully sorry for them; the first thing I would think of is my sorrow for them; it’s a pathetic affliction; etc.  
 1202. References to stigmatizing, avoiding the mentally ill. I’d feel sorry for one, but I’d rather not be around someone like that (code 1 also); etc.  
 1203. Reference to fear, shock, horror, distress over mental illness; it’s worse than other illnesses; it’s worse than physical illness; I hope it never happens to me; etc.  
 1204. Denial of stigmatizing mental illness. its just another type of sickness with no special stigma attached to it. I am more broad-minded than most and don’t look at it as a terrible thing; etc.  
 1205. References to concern for; seriousness, importance of problem of mental illness; I was going to mention this as most serious disease for I fell psychoneurosis is more serious, more of an ignored thing than anything else; its very serious, of course, and there should be as much done as possible to prevent it as well as to help it; I’m awfully interested in the subject to see what can be done for people like this; etc.  
 1206. References to relativeness of mental health (other than definitions in terms of deviant behavior or references to mental illness being of different degrees). who, after all, is completely sane? Everyone has some sort of neurotic tendencies; a perfectly normal person is very rare; we all have quirks and there is no definite line between those mentally ill and not;; etc  
 1207. References to (relative) undetectability of mental illness. this illness is almost unnoticeable; its hard to tell that they are mentally sick; there are cases where you are hardly able to detect that he was mentally ill, most cases you can’t tell that a person is insane, apart from the criminally insane; until you get to know a person closely any kind of mental illness is hard to detect except by a medical man trained in that line; you have to know them pretty well to know their ways; you’d never suspect it until they crack up unless you have studied in this field to make you recognize such a person; this illness is almost unnoticeable; etc.  
 1208. References to relative incurability of mental illness; it gives me a shock when I hear the term because I found out it is more or less incurable (code 3 also); I don’t think they have a cure for mentally sick people; mental illness is harder to treat than anything else’ it means a long slow process for recovery; usually it means that there is very little hope of recovery; etc.  
 1209. References to mental illness, generally, involving an organic base; it’s an illness of the brain; the part of their brain that helps them plan ahead has been injured or damaged; mental illness is a sickness, a disease, not something that happens from over-exertion like a nervous breakdown; etc.  
 1210. References to mental illness, generally, excluding illnesses with an organic basis; a whole range of symptomatic behavior where there is no identifiable organic cause are included in the term; etc.  
 1211. Use of colloquial terms—”crazy, bonkers, nuts, looney”  
 1212. Indicates knowledge that it is not socially desirable to stigmatize mentally ill (I shouldn’t feel this way, but...; thank goodness people are not more accepting of mental illness)  
 1213. References to other people, or most people, stigmatizing mentally ill  
 1214. They need help, they should be helped, etc.

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 FREEDOM RECODE

(FREEMNS1-3, FREEEXP1-3)

Intent of Recode

To codify open ended responses by category or type of freedom, either in definition or experience, to allow for use in the context of research.

Method of Recode

Responses were assigned a number based on categories of freedom. FREEMNS1-3 is a recoded response to the main subject mentioned under the first free response question. FREEEXP1-3 is a recoded response to the main experiences mentioned under the second free response question.

## FREEMNS1-3

**WANT**

1. Any variant of the positive statement "Doing what I want"

**AUTONOMY**

2. Self-realization, being different, self-control, etc.

**CHOICES**

3. Having choices, making decisions

**RIGHTS**

4. Includes religion and speech

**MOVEMENT**

5. Includes movement and travel

**NEGATIVE**

6. Not being a slave or a subordinate, subject to discrimination, or police or government harassment; no obligations (emphasis on negativity of statement)

**CITIZEN**

7. Political participation or rhetorical references to American traditions or "American Dream"

**SECURITY**

8. Economic security and independence, including having a good job, not being in debt, self-employment, etc

**OTHER**

- 9.

**NO ANSWER/ DON'T KNOW**

- 98.

## FREEEXP1-3

**MOVING**

1. Includes movement, driving, and travel

**LEISURE**

2. Recreation, being in nature, enjoyable activity

**SOCIAL**

3. Social engagements and commitments including family, spouses, helping others; includes institutional commitments

**NEGATIVE**

4. No obligations, being alone, leaving family, moving out, being divorced, leaving institution; independence in a negative sense

**INNER**

5. Includes spiritual and religious freedoms

**CHOICES**

6. Variant of "making choices" or "doing what I want to do"

**CITIZEN**

7. Political participation, expressing one's views, simply being an American or comparing America with other nations

**SECURITY**

8. Economic security and independence, including having a good job, not being in debt, self-employment, owning own home, etc

**OTHER**

9.

**NO ANSWER/DON'T KNOW**

98.

Original Question

First open ended question: "The next questions are about freedom in America today. Freedom means many different things to people. When you think about freedom, what comes to mind? Can you tell me in a couple of sentences what freedom means to you? PROBE: Is there anything else that freedom means to you?"

Second open ended question: "What experiences in you life make you feel most free? PROBE AS NEEDED: Are there times in you life when you feel especially free? ASK IF NECESSARY: Can you give me an example of an experience that makes you feel really free?"

## Spiritual Transformation Recodes

(ENTITY, EXPCHNG1-3 WHYCHNG1-3, CHANGED1-3)

The open-ended questions were coded into 10 variables. Information from any of the open-ended items were used to code each of the variables

A. Up to three mentions of what led to, caused, or triggered the religious/spiritual change

WHYCHNG1  
WHYCHNG2  
WHYCHNG3

B. Up to three mentions of occurrence or aspects of the religious/ spiritual change itself (not cause, not consequences)

EXPCHNG1  
EXPCHNG2  
EXPCHNG3

C. Up to three mentions of the consequences of the religious/ spiritual change, what was different about the person's life, attitude, beliefs, etc.

CHANGED1  
CHANGED2  
CHANGED3

D. One variable on specific religious figures mentioned

ENTITY

**WHYCHNG1, 2, 3**

- 1 Illness/hospitalization of R
- 2 Illness/hospitalization of other close to R
- 3 Accident of R
- 4 Accident of other close to R
- 5 Death of other close to R
- 6 Large-scale death, war, terrorism
- 7 Divorce
- 8 Break-up in relationship

- 9 Bad relationship with other, being let down by others
- 12 Other material, financial problems, poverty, job loss
- 13 Drug/alcohol recovery/rehab
- 14 Moving away
- 15 Drug/alcohol recovery/rehab of someone close to R
- 16 Loss of pet
- 17 Criminal victim
- 25 Reform in life needed
- 28 Other specific problems
- 29 Unspecified problems (e.g. bad times, troubled, lack of peace in one's life)
- 30 Religious contact (church, minister, retreat, prayer group, Bible study group, revival)
- 31 Prayers answered, power of prayers
- 32 Faith, religious influence of others (not formal church activities, sermons, or organized religious actions) See code 30)
- 33 Asked God/Christ/Other for help, guidance, forgiveness
- 34 Bible reading/study, religious readings on own (not as part of Religious services or organized religion) See code 30)
- 35 Switched religions
- 37 Negative religious examples of others, experiences
- 38 Other positive religious influences (includes God helping R without R asking for it)
- 39 Fasting
- 40 Met someone (boy/girlfriend, etc.)
- 41 Married
- 42 Pregnancy
- 43 Birth of child, grandchild
- 44 Having, raising children, being a parent/grandparent (not birth see code 43)
- 45 Positive example of others (non-religious)
- 46 Person close to R in military
- 47 R in military
- 48 Spent time with family
- 50 Study (not formal religious)
- 51 Reading
- 52 Thinking about life, meaning, purpose, afterlife, etc.
- 53 Related to schooling, formal education
- 54 Sought help (not religious, not drug/alcohol)
- 60 Material gain
- 61 Volunteering
- 68 Other specified positive developments
- 69 Unspecified positive developments
- 70 Wanted God in life, made decision to trust God (no mention of Church, see code 30)
- 72 Just my time, had to happen
- 73 Personal awakening, discovery
- 74 Matured, got older
- 94 Can't describe
- 95 Nothing in particular, no single thing
- 96 Nothing relevant mentioned
- 97 No crisis, nothing special or dramatic
- 98 Don't know, can't remember
- 99 No answer

### EXPCHNG1, 2, 3

- 1 Vision
- 2 Dream
- 3 "Sign"
- 4 Event in nature (e.g. rainbow, snowstorm, lighting)
- 5 Contact with dead
- 10 Frozen, catatonic
- 11 Left body, floated, falling away of mind/body
- 12 Near death experience
- 13 Crying
- 14 Felt warmth



- 15 A feeling that went all over, encompassed R
- 20 God told, talked to R, message from God Directly
- 21 God talked to R through preacher, not a normal general sermon
- 22 God talked to R through other (not preacher)
- 23 God turned on the lights, pieces fell together
- 24 Healed by God supernaturally
- 25 Aware of presence of the Holy Spirit, led by the Lord, Holy Spirit came into me, touched by Christ/God
- 26 Voice from altar
- 27 Saved
- 28 Explicit contact with angel
- 29 Experience that may have involved angel
- 30 Shook up, shocked
- 31 Felt burst of life, energized
- 32 Moving experience
- 33 Tunnel of light
- 34 More than words can express, can't really say
- 35 Supernatural, electrifying experience or connection
- 36 Glorious transformation
- 40 Born again
- 41 Caught the spirit, flipped by spirit
- 44 Emotional trauma
- 46 Awkward feeling, uneasy, lack of comfort, distress
- 48 Life flashed in front of R
- 49 Felt like someone touched R
- 52 Miracle
- 54 Epiphany
- 55 Prayed over and R fell
- 56 Other positive experiences, NEC
- 60 Glorious transformation
- 96 Nothing relevant mentioned
- 97 Nothing special happened
- 98 Don't know, don't remember
- 99 No answer

### **CHANGED1, 2, 3**

- 1 More religious, greater faith, closer to Christ, more committed to God
- 2 Religious view changed (not specified)
- 3 Belief in miracles
- 4 Thanked God for life, grateful to God
- 6 God will take care of R, solve problems, look out for R, will depend on God, God there for R
- 8 Changed churches/religions, converted
- 9 Prayed more
- 10 Bring God to others, being evangelical
- 11 Released from sin
- 12 Live life following God's rule, Christian way, walk with the Lord, follow Christ's teachings
- 13 Baptized
- 14 Church seen as family
- 15 Became more aware of power of prayer
- 18 More spiritual, not more religious
- 19 Loss of religion, loss of faith
- 20 Realized limited time, life is short, live every day as last
- 21 Live life to the fullest, get most out of life
- 22 Peace (internal)
- 23 Calmer
- 24 Better, nicer, kinder, more humble person
- 25 Helped others, gave to others, selflessness, compassion, empathized
- 26 Spend more time with people, cared more for others, more caring
- 27 Got married
- 28 Closer to spouse

- 29 Closer to children, dedicated to children, better parent
- 30 Closer to family (spouse/children not specified)
- 31 Volunteered more
- 32 Raised children in faith, religion
- 33 Specific positive changes
- 34 Happier, more satisfied with life, feel better
- 35 Stronger
- 40 Changed directions, redirected life (not specified)
- 41 Think about, look at life differently (not specified)
- 45 Didn't take things for granted, appreciate things more, saw life as more valuable, saw every day as important
- 46 Re-evaluated what R believed
- 49 Gave up drinking, drugs
- 50 Avoided nightclubs, bars, wild parties, dancing
- 51 Better lifestyle, cleaner life (not specific)
- 52 Settled down, slowed down, more careful
- 53 More mature
- 54 Second chance, new chance, chance to start over
- 55 Gained hope
- 56 Beloved, gained love
- 57 Found unconditional, unlimited love
- 58 Found value of forgiving
- 59 Think about R's actions, behaviors, sins
- 60 Life better, better off, enriched life
- 61 Felt needed
- 62 More self-confident, felt better about self, more aware of self
- 63 More aware of self beliefs
- 70 Life has purpose, meaning, makes sense, existential meaning gained, aware of ultimate truths/reality
- 71 More alive, aware, engaged; not bored, in rut, passive
- 72 Treat all the same, treated all mankind equally
- 73 Be more careful
- 74 Felt refreshed, renewed
- 75 More open to new things and new ideas
- 76 To think more
- 77 Knew there was a heaven, eternity
- 78 Made R aware of what R should be doing or should be like
- 80 Negative changes
- 82 More in touch with mortality and those who have died
- 83 Upset with judgmental attitudes
- 84 More conscious of church, religion; more aware of God
- 85 More responsible, accepts responsibility
- 87 Feeling changed
- 88 Realized that no matter how bad things are, someone else has it worse
- 89 Moved away from church, religion
- 90 Everything changed, complete change, dramatic change, new person
- 92 Realized there was real adversary (like Devil, evil)
- 94 Some change, unclear if positive/negative, NOT as major as code 90
- 95 No change, little change, temporary change, see codes 90, 94
- 96 Nothing relevant mentioned
- 98 Can't remember

## ENTITY

- 1 God
  - 2 Christ, Jesus
  - 3 God and Christ/Jesus (both mentioned)
  - 4 Lord (for mentions like "Lord God" just code "God")
  - 5 Other major religious figures like Buddha, Mohammed, Mary, specific saints, does NOT include ministers or other contemporary religious leaders
  - 6 No mention of religious entity
-

## SCIENCE MODULE RECODE

(SCITEXT, EXPTEXT)

Intent of Recode

To codify open ended responses by general responses to science-related questions.

Method of Recode

Responses were assigned a number based on the respondents' understandings of science and the scientific method. SCITEXT is a recoded response to the first open-ended question on what it means to study something scientifically. EXPTEXT is a recoded response to the second open-ended question, which asked respondents to justify their response to a previous question on experimental design. Procedure for coding of STORMTXT and LITMSTXT was prepared by Jaqui C. Falkenheim from National Science Foundation.

## SCITEXT

In analyses, the first three categories are considered to be correct, and are generally collapsed into a code "1" or "scientifically correct." The last three categories are considered to be incorrect, and are collapsed into a code of "0" or "incorrect" in analyses.

1. Formulation of Theories, Test Hypotheses – The top category includes some notion of theory or hypothesis. However, if the response is simply 'theory' or 'hypothesis' with no elaboration then the response is coded as a '5.'
2. Do Experiments, Control Group – This does not include theory, but mentions experiment or control group. Key words for a response to be placed in this category are 'control group,' 'experiment,' or 'controlled group.'
3. Rigorous, Systematic Comparison – This category understands scientific study as such things as being rigorous (repeated testing, over a long time), systematic (or orderly), unbiased, and replication. Responses mentioning the need for a 'controlled study' or 'controlled environment' will be classified here if they do not include additional information that would allow them to be categorized as a '1' or '2.'
4. Measurement – This category includes the notion of something done 'in a laboratory' or focuses on quantitative methods such as surveys or polls or gathering facts without additional information to allow them to be categorized in one of the above categories. Responses simply indicating 'testing' are coded here.
5. Classification – These responses focus on more vague forms of research such as 'investigate' or 'go to a library' or 'go in depth' or 'do research'.
6. Redundancies/Incorrect/Irrelevant – This category includes all incorrect responses as well as redundant responses that mention 'what scientists do' or 'the scientific method'.

First open-ended question:

A13b: In your own words, could you tell me what it means to study something scientifically?

F1 INSTRUCTION: IF R SAYS "DON'T KNOW" OR REFUSES, REPEAT THE QUESTION.

A13c: You just said [FILL RESPONSE FROM A13B]. Do you have anything to add to that?

EXPTEXT

1. Correct (500 get drug), Control Group – The response includes the words 'control group' or 'controlled group' or 'control sample.' A response that simply mentions 'control group' should be coded as a '1' unless the respondent elaborates incorrectly. This category also includes correct explanations of a control group through a description of those not getting drugs as 'a control.'
2. Correct (500 get drug), Vague Reason – The respondent understands the need for comparison but does not include other more specific responses that would result in the response being coded as '1.' This category includes implied comparisons as well (such comments as 'see the difference' or 'need to contrast' or 'need a baseline'). This category also includes detailed listings of other factors that might lower blood pressure (rather than drugs) implying the need for comparison.

3. Correct (500 get drug), Wrong Reason – This would include reasons about sample size (e.g. “the second way is better because fewer people would be hurt”) as well as other incorrect reasons. This category also includes respondents who simply rephrase the method that is being used (e.g., “Well the second has two groups and the first only has one group”). The category also includes a simple mention of a ‘double blind study’ without additional information to categorize it as a ‘1’ or a ‘2.’

4. Correct (500 get drug), Don’t Know

5. Wrong (1000 get drug), Reservations about Control Group – e.g., “It wouldn’t be fair to the 500 who didn’t get the drug if the drug helps their problem”

6. Wrong (1000 get drug), Reservations about Sample – e.g. “With 1000 people you get twice as many examples”

7. Wrong (1000 get drug), Other Reason

8. Wrong (1000 get drug), Don’t Know

Second open-ended question:

A14b: Why is it better to test the drug this way? (Refers to R’s response to EXPDESIGN)

F1 INSTRUCTION: IF R SAYS “DON’T KNOW” OR REFUSES, REPEAT THE QUESTION.

A14c: You just said [FILL RESPONSE FROM A14C]. Do you have anything to add to that?

STORMTEXT

Question 4: Lightning and thunder happen at the same time, but you see the lightning before you hear the thunder. Explain why this is so. [SELF-ADMINISTRATION CONDITION ONLY] Just enter your answer in the space below.

1. Complete: Respondent indicates that although the thunder and lightning occur at the same time, light travels faster than sound so the light gets to your eye before the sound reaches your ear. A complete response provides a correct explanation including the relative speeds at which light and sound travel.

For instance:

Light travels faster than sound

Sound waves are slower than light waves so you see then you hear the lightning and thunder

Sound travels slower than light

Light waves travel faster than sound waves

Lightening is light waves which travel at a much faster speed than the sound waves that make up the noise from thunder

Light is faster

Sound travels much slower than light so you see the light sooner at a distance

Thunder is a sound, lightning is visual. The speed of sound is less than the speed of light, so you see the light before you hear the sound.

because the sound waves are slower

2. Partial: Response addresses speed and uses terminology such as thunder for sound and lightning for light, or makes a general statement about speed but does not tell which is faster.

For instance:

Because the lightning is much faster than the thunder [this response addresses relative speed but lacks a comparison between the speeds of light and sound]

The sound of thunder takes time to travel [this response includes a reference to speed, but lacks a comparison between the speeds of light and sound]

One goes the speed of light and the other at the speed of sound [does not address the rate of speed]

differential in which sounds waves travel ... speed of sound

3. Unsatisfactory/Incorrect: Any response that does not relate or mention the faster speed of light or its equivalent, the slower speed of sound.

For instance:

You see it before you hear the sound

Light is first

Time

Lightening hits the ground first and then the thunder happens

Lightening happens faster

The atmosphere that the hot air coming over the cold air and the lightening comes

Because oh gosh I can't explain it I don't know, it has something to do with the speed of sound, x that's all I know

Lightening creates the difference in the air temperature which makes the boom

Because the storm was further out

Because it be raining

Because of static electricity

You hear... sound travels faster than the speed of light

thunder is the sound of light traveling at a certain speed, it is an after affect

The sound is based off the distance from where one is standing to the lighting strike

lighting is the electros that pushes the air apart and when it comes back together it goes bang

because it's the distance

something to do with the time, how far it is away

thunder is from air moving back in after the lightening

the time delay is because of the distance of the lightning

[8.] Don't know/don't recall/refuse to answer

Don't know

I can't recall

Refused

Left response in blank

[9.] Not asked

### LITMSTXT

Question 5: A solution of hydrochloric acid (HCl) in water will turn blue litmus paper red. A solution of the base sodium hydroxide (NaOH) in water will turn red litmus paper blue. If the acid and base solutions are mixed in the right proportion, the resulting solution will cause neither red nor blue litmus paper to change color.

Explain why the litmus paper does not change color in the mixed solution. [SELF ADMINISTRATION CONDITION ONLY] Just enter your answer in the space below.

Correct: Responses must refer to neutralization or a chemical reaction that result in products that do not react with litmus paper. There are 3 categories that are correct (#1 through #3), one category partially correct (#4), and one incorrect (#5), then Don't know/refuse (#8), and Not asked (#9)

1) Response refers explicitly to the formation of water (and salt) from the neutralization reaction [The first 2 bullets are examples of correct responses from TIMMS]

Hydrochloric acid and sodium hydroxide will mix together to form water and salt, which is neutral

The hydrogen ions combine with the hydroxide ions to form water, so the litmus paper does not change color.

The litmus paper tests the concentration of  $\text{h}^+$  ions or  $\text{oh}^-$  ions. When mixing the soluble HCl and the Na OH, the OH and H ions combine to form water, leaving no  $\text{h}^+$  or  $\text{oh}^-$  for the paper to detect.

Acid and base neutralize each other and form salt NaCL

what is an acid an one is a base they cancel each other out and become water

2) Response refers to the neutralization (or equivalent) even if the specific reaction is not mentioned [The first 5 bullets are examples of correct responses from TIMMS]

When you mix acid and alkali, the mixture becomes neutral and has a pH of 7.  
 The HCl neutralizes the NaOH, and the NaOH neutralizes the HCl  
 The mixed solution is neutral, so litmus paper does not react  
 Acid+base=neutral solution  
 There is a neutralization reaction  
 The right mix creates a neutral solution that is neither acidic nor base  
 The chemical reaction that creates something which is neutral  
 Mixing turns the solution neutral  
 The acid is neutralized by the base, because the litmus paper detects acids or base, the solution is neutral  
 The liquid is neutral  
 It becomes neutral  
 Because acid and base neutralize to a pH of 7  
 The two chemicals combine to form molecules (H<sub>2</sub>O and NaCl) that are neither acidic nor base.  
 The acidic and base solutions neutralize each other  
 The two solutions if properly mixed will not change the paper colors because they become neutral  
 They neutralize each other, the acid and base neutralize each other  
 Because the solution would be neutral as is the litmus paper  
 Neutral solution  
 Acid neutralizes base of pH  
 Both chemicals neutralize each other  
 Put an acid and base together it neutralizes it  
 The solutions cancel each other out making it neutral  
 Because acids neutralize bases, and the other way around

3) Response refers to a chemical reaction taking place (implicitly or explicitly) to form products that do not react with litmus paper (or similar), even if neutralization is not explicitly mentioned. [The first 3 bullets are examples of correct responses from TIMMS]

The acid and base react, and the new chemicals do not react with litmus paper  
 The chemicals that change the litmus paper must have a chemical reaction to each other. Therefore they will not change the color of the paper anymore  
 They form a new solution that has different properties and doesn't react with litmus  
 The HCl and NaOH when mixed in the right property balance each other out and become a neutral solution which would not trigger the litmus paper change

4) Partially correct: Mentions only that acid and bases are "balanced," "opposites," "cancel each other," or only that it changes to a salt without mentioning neutralization reaction [Respondent remembers the concept but the terminology is less precise, or the answer is partial]

They balance each other out  
 One solution will cancel out the effects of the other  
 They are counter acting chemical reactions  
 Because the pH is basically 7 meaning that it is water and water has no pH [first part is correct but 'water has no pH' is incorrect]  
 Because there is a balance  
 It changes it to a salt  
 Because the two different solutions when combined together counter act each other  
 Because the two are balanced  
 Because the asset in base solution have offset each other [asset=acid?]  
 Because the HCl and NaOH will balance each other  
 They basically nullify one another  
 There is a balance between the chemicals and this prevents the chemical reaction with the litmus paper.  
 the items in the mixed solution cancel each other out  
 acid and caustic mixed together make it neutral at the right mixture of both materials  
 Because it is becoming a complete new chemical or the structure of the chemical has changed  
 Ph balance  
 I think because they cancel each other out and it is a neutral effect

3. Incorrect: Response does not mention any of the above in #1 through #4 and/or is too partial or incomplete, and/or uses terminology that is too imprecise.

For instance:

Because they are base solutions - the two bases mixed together there is no reaction  
 There is no change. Both colors changing to the other  
 Because its mixed the right way and it won't change it. and if you mix it the wrong way, it will change it  
 Because of the acid  
 No water added  
 Because they neutralize the compound [experts at NSF indicate that the expression "neutralize the compound" is incorrect]  
 Something about the acid  
 It don't never turn green paper blue  
 Because its balanced x thats it  
 There is no ph difference  
 It is not strong enough which will just give you wet paper  
 Both are contacting each other  
 Sound like acid! It just sounds like acid. x Well the water change very fast and when you mix two different there's a puff of smoke and you have to be very careful. to me it's just like making homemade acid  
 Because it the acids are equal, so there's no reaction to change anything.  
 because it was a bad batch of litmus paper  
 Their offsetting  
 you would have proper ph solution...nonacidic  
 The two chemicals react in different ways when used by themselves, and in consecutive order. They form a separate chemical and react differently when combined together.  
 A reaction between the two papers  
 Because the solution is alkaline neutral

8. Don't know/don't recall/refused

I don't know

I don't recall

No idea

9. Not asked

## ETHNICITY RECODE

(ETH1-3, ETHNUM, SPETHNIC, SPETH1-3, SPETHNUM)

### Intent of Recode

The ethnicity data, as originally collected, represent responses to two separate questions. One set of columns was used if the respondent was able to name one country of ancestral origin, and a different set was used if the respondent named more than one and chose one of them. If the respondent named more than one but was unable to choose between them, no summary ancestral origin was assigned. The question was recoded for two reasons: the data format was potentially cumbersome, and it was anticipated that some users would be interested in summary ancestral identification regardless of the method used to obtain that information. Therefore, summary ancestry and method of response were recoded as two separate variables. The first two columns contain country of ancestry if provided, the next six columns the first, second, and third ethnicity mentioned (if any mention) and the ninth column describes the conditions under which ancestry was given; i.e., volunteered as a first choice, given in response to a forced choice question, or not provided at all. Spouse's ethnicity is coded in a similar fashion.

### Method of Recode

If only one country was provided as the country of ancestry, that country was listed as summary ethnicity in the first two columns, and the method of response, "names only one country," was coded as 1 in the third column. If the respondent named more than one country, he was asked to choose between them. The country chosen was considered the ethnicity, and the method of response, "names two or more countries and chooses one," was coded as 2. If more than one country was named and the respondent was unable to choose between them, no country was assigned as summary ethnicity, and "names two or more countries but can't choose" was coded as 3. If the respondent was unable to list any countries, no summary ethnicity was assigned and the method of response, "unable to name countries," was coded as 4.

Original Question

1596. From what countries or part of the world did your ancestors come?  
IF SINGLE COUNTRY IS NAMED, REFER TO NATIONAL CODES BELOW, AND  
ENTER CODE NUMBER IN BOXES: . . .

|      |      |

IF MORE THAN ONE COUNTRY IS NAMED, REFER TO NATIONAL CODES BELOW,  
CODE UP TO 3 RESPONSES AND THEN ASK A . . .

FIRST MENTION |      |      |

SECOND MENTION |      |      |

THIRD MENTION |      |      |

A. IF MORE THAN ONE COUNTRY NAMED: Which one of these countries do  
you feel closer to?

IF ONE COUNTRY NAMED, REFER TO CODES BELOW,  
AND ENTER CODE NUMBER IN BOX:

|      |      |

IF CAN'T DECIDE ON ONE COUNTRY, ENTER CODE 88.

NATIONAL CODES

Africa.....	01	Philippines.....	20
Austria.....	02	Poland.....	21
Canada (French).....	03	Puerto Rico.....	22
Canada (Other).....	04	Russia (USSR).....	23
China.....	05	Scotland.....	24
Czechoslovakia.....	06	Spain.....	25
Denmark.....	07	Sweden.....	26
England and Wales.....	08	Switzerland.....	27
Finland.....	09	Other (SPECIFY).....	29
France.....	10		
Germany.....	11	American Indian.....	30
Greece.....	12	India.....	31
Hungary.....	13	Portugal.....	32
Ireland.....	14	Lithuania.....	33
Italy.....	15	Yugoslavia.....	34
Japan.....	16	Rumania.....	35
Mexico.....	17	Belgium.....	36
Netherlands (Dutch/Holland)...	18	MORE THAN ONE COUNTRY/CAN'T	
Norway.....	19	DECIDE ON ONE.....	88
		DON'T KNOW.....	98

HISPANIC RECODE

(HISPANIC)

Intent of Recode

This variable combines two questions intended to address the Hispanic-ethnic heritage of all survey respondents. In line with the 2000 Census, this question was asked before the race questions to reduce the number of respondents replying "Hispanic" to their race.

Method of Recode

The filter question was asked of all respondents. Respondents who answered "no" to the filter question were automatically coded 1 on HISPANIC. Respondents who answered "yes" to the filter were given a hand card and asked the follow-up question. The hand card offered four options: 1) Mexican, Mexican American, Chicano/Chicana; 2) Puerto Rican; 3) Cuban; 4) Other Hispanic, please specify. Closed responses were coded accordingly. Open responses were tallied and appear in the final variable.



To reconcile inconsistencies of response and to give further information, HISPANIC was checked against race and ethnicity variables. If an ethnicity variable provided more information than the questions here, HISPANIC was updated accordingly.

Original Question

1601. IF R IS FEMALE, READ LATINA; IF MALE, READ LATINO.

Are you Spanish, Hispanic, or Latino/Latina?

Yes.....(ASK A).....1  
No .....(GO TO AMPROUD1).....2

A. Which group are you from?

HAND  
CARD  
HG

Mexican, Mexican American, Chicano/Chicana.....1  
Puerto Rican.....2  
Cuban.....3  
Other .....4

WORK SCHEDULE RECODE

(WORKDY, SPDAYS)

Intent of Recode

This question was included in the questionnaire by the NORC Sampling Department as a check on sample representativeness. Although collected for this purpose, we thought the information might be of interest to some users. Since the original seven-column code was too cumbersome for analytic purposes, the information was recoded, concentrating on the distinction between those working a regular week and those working mainly weekends.

Method of Recode

The work pattern of each respondent who worked full-time (35 hours or more) was examined and the pattern was recoded according to the following categories: a regular Monday through Friday week; a Monday through Friday plus Saturday or Sunday week; mainly weekends; or a week without a set schedule.

Original Question

WORKDY, SPDAYS. What days of the week do you normally work? CODE ALL THAT APPLY.

Monday.....1  
Tuesday.....2  
Wednesday.....3  
Thursday.....4  
Friday.....5  
Saturday.....6  
Sunday.....7  
No set schedule,  
varies.....8

## VOCABULARY TEST

(WORDA-J, WORDSUM)

Intent of Recode

A ten-item word test was administered to respondents; as indicated in the previous usage appendix, the ten items were selected from the twenty-item Gallup-Thorndike verbal intelligence Form A. This test, developed by R.L. Thorndike and Irving Lorge for use in survey research, appeared on Gallup surveys of the early 1940's. Reliability coefficients range from .80 to .85.

To minimize the admittedly small possibility that some form of publicity would affect the public's knowledge of the words included in the test, they are not reported here.

Method of Recode

For each of the ten words, there were five words (meanings) from which the respondent could choose. Each answer was scored as correct or incorrect, and the number of correct responses was summed. Respondents who did not attempt the test or who did not attempt a particular item are coded "9", No Answer.

WORDSUM provides the total number of words correct. Respondents who declined to guess on any of the words were given a score of "99".

Original Question

The original question had ten words appearing in a format identical to that of the example—Beast.

## ASTROLOGICAL SIGN RECODE

(ZODIAC)

Intent of Recode

For users interested in examining astrological properties, birth date was recoded into the twelve signs of the zodiac.

Method of Recode

Birth date was mapped according to the following recode.

<u>Birth Date</u>	<u>Sign</u>
March 21 - April 19	Aries
April 20 - May 20	Taurus
May 21 - June 21	Gemini
June 22 - July 22	Cancer
July 23 - August 22	Leo
August 23 - September 22	Virgo
September 23 - October 23	Libra
October 24 - November 21	Scorpio
November 22 - December 21	Sagittarius
December 22 - January 19	Capricorn
January 20 - February 18	Aquarius
February 19 - March 20	Pisces

Original Question

See Age Recode.