

SOCIOECONOMIC STATUS FORM

ID NUMBER:

CONTACT YEAR: 1 0

FORM CODE: S E S

VERSION: A 01/11/96

LAST NAME:

INITIALS:

Public reporting burden for this collection of information is estimated to average 4 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: PHS Reports Clearance Officer, Rm. 737-F, Humphrey Building, 200 Independence Ave., SW, Washington, D.C. 20201, ATTN: PRA (0925-0281). Do not return the completed form to this address.

INSTRUCTIONS: This form should be completed during the participant's visit. ID Number, Contact Year and Name must be entered above. Whenever numerical responses are required, enter the number so that the last digit appears in the rightmost box. Enter leading zeroes where necessary to fill all boxes. If a number is entered incorrectly, mark through the incorrect entry with an "X". Code the correct entry clearly above the incorrect entry. For "multiple choice" and "yes/no" type questions, circle the letter corresponding to the most appropriate response. If a letter is circled incorrectly, mark through it with an "X" and circle the correct response.

SOCIOECONOMIC STATUS FORM (SESA screen 1 of 9)

"Some studies suggest that the experiences we have in early life may be related to the occurrence of illness throughout our lives. The following questions are designed to assess some of your current and early life experiences. We realize that many of these refer to events that happened a long time ago. Please try to remember and answer as best you can. We will start our questions, however, by updating the information you have previously given us on your marital and occupational status."

A. PARTICIPANT

1. Please tell me which of the following describes your current marital status

[READ ALL CHOICES]

Married M

Widowed W

Divorced D

Separated S

Never Married N

SOCIOECONOMIC STATUS FORM (SESA screen 2 of 9)

2. Since your last ARIC visit, have you changed your occupation, stopped working, or retired?

Yes Y

No N

Go to Item 6, Screen 4.

3. I would like you to look at this card while I read it to you. Please tell me the letter which best describes your CURRENT employment status.

[HAND RESPONSE CARD 1 TO PARTICIPANT AND READ EACH CATEGORY ALOUD.]

- Homemaking, not working outside the home A
- Employed at a job for pay, either full or part-time B
- Employed, but temporarily away from my regular work C
- Unemployed, looking for work D
- Unemployed, not looking for work E
- Retired from my usual occupation and not working F
- Retired from my usual occupation, but working for pay G

Go to Item 6, Screen 4.

Go to Item 5, Screen 3.

SOCIOECONOMIC STATUS FORM (SESA screen 3 of 9)

4. Did you retire because of health reasons? Yes Y

..... No N

Go to Item 6, Screen 4.

5. Please look at the categories on the card and tell me the letter that best describes your current or most recent occupation. If you cannot decide, tell me your occupation and we can decide together.

[HAND RESPONSE CARD 2 TO RESPONDENT AND READ ALOUD (if necessary)]

- Homemaker A
- Technician, sales or clerical B
- Mechanic, repairman, construction worker or craftsman C
- Service: hairdresser, domestic, restaurant, security D
- Management, professional E
- Farming, forestry, fishing F
- Driver, machine operator, sanitation, laborer G
- Unknown H

SOCIOECONOMIC STATUS FORM (SESA screen 4 of 9)

6. Please look at this card. Which of these income groups represents your total combined family income for the past 12 months? Include income from all sources such as wages, salaries, social security or retirement benefits, help from relatives, rent from property, and so forth. Please tell me the letter only.

[HAND RESPONSE CARD 3 TO RESPONDENT AND READ ALOUD (if necessary)]

- Under \$5,000 A
- \$5,000 - \$7,999 B
- \$8,000 - \$11,999 C
- \$12,000 - \$15,999 D
- \$16,000 - \$24,999 E
- \$25,000 - \$34,999 F
- \$35,000 - \$49,999 G
- \$50,000 - \$74,999 H
- \$75,000 - \$99,999 I
- \$100,000 and over J
- Refused R

SOCIOECONOMIC STATUS FORM (SESA screen 5 of 9)

7. On the average, how many people lived in your house during the last 12 months?

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"Now I would like to ask you some questions about when you were a baby."

8. Were you a premature baby, that is were you born a month or more early?

Yes	Y
No	N
Unknown	U

How much did you weigh at birth?

a.

--	--

 pounds b.

--	--

 ounces Go to Item 9.

[If Unknown, enter == == and continue with Item 8c.]

8.c. Do you believe your birth weight was low, that is less than 5 1/2 pounds, medium, that is 5 1/2 to 9 pounds, high, that is over 9 pounds?

[HAND RESPONSE CARD 4 TO RESPONDENT AND READ ALOUD (if necessary)]

- Low, less than 5 1/2 pounds L
- Medium, 5 1/2 to 9 pounds M
- High, over 9 pounds H
- Unknown U

9. Were you a twin?

Yes	Y
No	N
Unknown	U

SOCIOECONOMIC STATUS FORM (SESA screen 6 of 9)

10. Now I would like you to think about the kind of jobs you had when you were younger. Please look at the categories on the card and tell me the letter that best describes your type of occupation when you were between 25 and 45 years of age. If you cannot decide or if you had many different kinds of jobs, describe the jobs you had and we can decide together.

a. Occupation for the longest time period

b. Occupation for the next longest time period

[If only one occupation, enter X in 10.b.]

[HAND RESPONSE CARD 2 TO RESPONDENT AND READ ALOUD (if necessary)]

- Homemaker A
- Technician, sales or clerical B
- Mechanic, repairman, construction worker or craftsman C
- Service: hairdresser, domestic, restaurant, security D
- Management, professional E
- Farming, forestry, fishing F
- Driver, machine operator, sanitation, laborer G
- Unknown H

SOCIOECONOMIC STATUS FORM (SESA screen 7 of 9)

B. PARENTS

[For Items 11 and 13, HAND RESPONSE CARD 5 TO RESPONDENT AND READ ALOUD (if necessary) AFTER READING THE QUESTIONS.]

11. I would like to ask you about your parents' education. Please look at this card and tell me the letter which best describes your natural mother's and your natural father's level of education when you were born.

a. Natural mother's education

b. Natural father's education

[RESPONSES FOR ITEMS 11. a - b]

- Never went to school A
- Grades 1 to 3 B
- Grades 4 to 8 C
- Grades 9 to 11 D
- Grade 12 E
- GED F
- One or more years of Vocational or Professional School after High School G
- One or more years of College H
- One or more years of Graduate or Professional School after College .. I
- Unknown U

12. Were you raised up to age 5 by anyone other than your natural parents? Yes Y
 No N

Go to Item 14, Screen 9

SOCIOECONOMIC STATUS FORM (SESA screen 8 of 9)

13. Now I would like to ask you about the education of the adults who took care of you when you were very young. Think about the two most important adults in your home between the time you were born and age 5. Please look at this card and tell me the letter which best describes their level of education during this time period.

- a. First adult's highest level of education
- b. Second adult's highest level of education

[If only one adult lived in the home, enter X in 13.b.]

[RESPONSES FOR ITEMS 13. a - b]

- Never went to school A
- Grades 1 to 3 B
- Grades 4 to 8 C
- Grades 9 to 11 D
- Grade 12 E
- GED F
- One or more years of Vocational or Professional School after High School G
- One or more years of College H
- One or more years of Graduate or Professional School after College .. I
- Unknown U

SOCIOECONOMIC STATUS FORM (SESA screen 9 of 9)

C. ADMINISTRATIVE INFORMATION

14. Date of data collection:

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month day year

15. Method of data collection: Computer C
Paper P

16. Code Number of person completing this form

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(SESA screen 1 of 9)

"Some studies suggest that the experiences we have in early life may be related to the occurrence of illness throughout our lives. The following questions are designed to assess some of your current and early life experiences. We realize that many of these refer to events that happened a long time ago. Please try to remember and answer as best you can. We will start our questions, however, by updating the information you have previously given us on your marital and occupational status."

A. PARTICIPANT

1~ Please tell me which of the following describes your current marital status

[READ ALL CHOICES]

Married (M)

Widowed (W)

Divorced (D)

Separated (S)

Never Married (N)

(SESA screen 2 of 9)

2~ Since your last ARIC visit, have you changed your occupation, stopped working, or retired?

Yes (Y) or No (N)*

3~ I would like you to look at this card while I read it to you. Please tell me the letter which best describes your CURRENT employment status.

[HAND RC 1 TO PARTICIPANT AND READ EACH CATEGORY ALOUD.]

Homemaking, not working outside the home	(A)*
Employed at a job for pay, either full or part-time	(B)*
Employed, but temporarily away from my regular work	(C)*
Unemployed, looking for work	(D)*
Unemployed, not looking for work	(E)*
Retired from my usual occupation and not working	(F)
Retired from my usual occupation, but working for pay	(G)

(SESA screen 3 of 9)

4~ Did you retire because of health reasons? _

Yes (Y)* or No (N)*

5~ Please look at the categories on the card and tell me the letter that best describes your current or most recent occupation. If you cannot decide, tell me your occupation and we can decide together. _

[HAND RC 2 TO RESPONDENT AND READ ALOUD (if necessary)]

Homemaker	(A)
Technician, sales or clerical	(B)
Mechanic, repairman, construction worker or craftsman	(C)
Service: hairdresser, domestic, restaurant, security	(D)
Management, professional	(E)
Farming, forestry, fishing	(F)
Driver, machine operator, sanitation, laborer	(G)
Unknown	(H)

(SESA screen 4 of 9)

6~ Please look at this card. Which of these income groups represents your total combined family income for the past 12 months? Include income from all sources such as wages, salaries, social security or retirement benefits, help from relatives, rent from property, and so forth. Please tell me the letter only. _

[HAND RC 3 TO RESPONDENT AND READ ALOUD (if necessary)]

Under \$5,000	(A)
\$5,000 - \$7,999	(B)
\$8,000 - \$11,999	(C)
\$12,000 - \$15,999	(D)
\$16,000 - \$24,999	(E)
\$25,000 - \$34,999	(F)
\$35,000 - \$49,999	(G)
\$50,000 - \$74,999	(H)
\$75,000 - \$99,999	(I)
\$100,000 and over	(J)
Refused	(R)

(SESA screen 5 of 9)

7~ On the average, how many people lived in your house during the last 12 months?

"Now I would like to ask you some questions about when you were a baby."

8~ Were you a premature baby, that is were you born a month or more early?
 Yes (Y), No (N) or Unknown (U)

How much did you weigh at birth?
 [If unknown, enter "==" and continue with Item 8c.]

a~ pounds b~ ounces
 [GO TO ITEM 9.]

8.c~ Do you believe your birth weight was low, that is less than 5 1/2 pounds, medium, that is 5 1/2 to 9 pounds, high, that is over 9 pounds?

[HAND RC 4 TO RESPONDENT AND READ ALOUD (if necessary)]

Low, less than 5 1/2 pounds (L)
 Medium, 5 1/2 to 9 pounds (M)
 High, over 9 pounds (H)
 Unknown (U)

9~ Were you a twin?
 Yes (Y), No (N) or Unknown (U)

(SESA screen 6 of 9)

10. Now I would like you to think about the kind of jobs you had when you were younger. Please look at the categories on the card and tell me the letter that best describes your type of occupation when you were between 25 and 45 years of age. If you cannot decide or if you had many different kinds of jobs, describe the jobs you had and we can decide together.

a~ Occupation for the longest time period:
 b~ Occupation for the next longest time period:

[If only one occupation, enter X in 10.b.]

[HAND RC 2 TO RESPONDENT AND READ ALOUD (if necessary)]

Homemaker (A)
 Technician, sales or clerical (B)
 Mechanic, repairman, construction worker or craftsman (C)
 Service: hairdresser, domestic, restaurant, security (D)
 Management, professional (E)
 Farming, forestry, fishing (F)
 Driver, machine operator, sanitation, laborer (G)
 Unknown (H)

(SESA screen 7 of 9)

B. PARENTS

[For Items 11 and 13, HAND RC 5 TO RESPONDENT AND READ ALOUD (if necessary) AFTER READING THE QUESTIONS.]

11. I would like to ask you about your parents' education. Please look at this card and tell me the letter which best describes your natural mother's and your natural father's level of education when you were born.

- a~ Natural mother's education -
- b~ Natural father's education -

[RESPONSES FOR ITEMS 11. a -b]

- Never went to school (A)
- Grades 1 to 3 (B)
- Grades 4 to 8 (C)
- Grades 9 to 11 (D)
- Grade 12 (E)
- GED (F)
- One or more years of Vocational or Professional School after H.S. (G)
- One or more years of College (H)
- One or more years of Graduate or Professional School after College (I)
- Unknown (U)

12~ Were you raised up to age 5 by anyone other than your natural parents? -
 Yes (Y) or No (N)*

(SESA screen 8 of 9)

13. Now I would like to ask you about the education of the adults who took care of you when you were very young. Think about the two most important adults in your home between the time you were born and age 5. Please look at this card and tell me the letter which best describes their level of education during this time period.

a~ First adult's highest level of education -

b~ Second adult's highest level of education -

[If only one adult lived in the home, enter X in 13.b.]

[RESPONSES FOR ITEMS 13. a - b]

- Never went to school (A)
- Grades 1 to 3 (B)
- Grades 4 to 8 (C)
- Grades 9 to 11 (D)
- Grade 12 (E)
- GED (F)
- One or more years of Vocational or Professional School after H.S. (G)
- One or more years of College (H)
- One or more years of Graduate or Professional School after College (I)
- Unknown (U)

(SESA screen 9 of 9)

C. ADMINISTRATIVE INFORMATION

14~ Date of data collection:

mm/dd/yy

15~ Method of data collection:

Computer (C) or Paper (P) Form

16. Code Number of person completing this form _____

Appendix 2.20c

INSTRUCTIONS FOR THE SOCIOECONOMIC STATUS FORM
 SES, VERSION A, 12/01/95
 REVISED 02/06/96

I. General Instructions

Because strong associations between morbidity and mortality and an individual's socioeconomic status (SES) have been observed in many epidemiologic studies, ARIC is expanding the data it collects on SES to include different time periods in each participant's life, beginning with infancy. The first portion of the Socioeconomic Status form updates each participant's current marital status, employment/retirement status, occupation if it has changed since Visit 3, and annual household income for the 12 months prior to Visit 4. These questions are repeated from previous interviews. Subsequent sections collect information which may help classify each participant's socioeconomic status at birth and between ages 25 to 45.

Interviewers are certified in general clinic interviewing and familiar with the ARIC data entry system (DES) and the "General Instructions for Completing Paper Forms" (in case the computer is down) prior to administering this form. Items in BRACKETS and/or CAPITAL LETTERS are instructions to the interviewer and are not read to the participant.

COMPLETE THE HEADER (paper form) by applying a long participant ID label and entering the participant's Name. READ THE QUESTIONS CLEARLY USING THE EXACT WORDING ON THE FORM. The introductory and transitional scripts may deviate from the prototypes provided, but must include the same information.

II. Detailed Instructions for Each Item

A. Occupation

This section updates occupational information on participants who have changed their occupation since Visit 3. In addition, annual family income information is collected on everyone.

1. The purpose of this question is to update marital status. Read Item 1 and then all the response categories. Record the appropriate letter. If asked by the participant, the person is instructed to select the term which best describes his/her living situation, regardless of legal status.

[READ ALL CHOICES]

Married.....A
 Widowed.....W
 Divorced.....D
 Separated.....E
 Never Married.....F

2. This item identifies the participants who have changed their occupation, stopped working or retired since Visit 3. Go to Item 6 for persons who have not changed their employment status.

3. GIVE RESPONSE CARD No. 1 to the participant, read Item 3 and (if necessary) READ ALL THE RESPONSES. If the participant selects category A (*homemaking, not working outside the home*), go to Item 6. If the respondent is both a homemaker and retired, the items on retirement (response F or G) take precedence. Response B, "employed at a job for pay, either full or part time," includes those who are self-employed and working at home, but not "homemaker" or "mother" (Response A). Skip to Item 5 if response is B-E. Continue with Item 4 if the response is F or G. RETRIEVE THE RESPONSE CARD.

[READ ALL CHOICES (if necessary)]

Homemaking, not working outside the home.....A

Employed at a job for pay, either full or part-time...B

Employed, but temporarily away from my regular work...C

Unemployed, looking for work.....D

Unemployed, not looking for work.....E

Retired from my usual occupation and not working.....F

Retired from my usual occupation but working for pay..G

4. Read Item 4. "Health reasons" refer to the participant's personal health and not the health of someone the participant needs to take care of.

5. GIVE THE RESPONSE CARD No. 2 TO THE PARTICIPANT, read Item 5, and (if necessary) READ ALL RESPONSES. If the respondent holds (held) more than one job, record the occupation for the job for the most hours worked per week. If two jobs were held and he or she works(ed) the same number of hours on each, record the information on the job held for the longest period of time.

Occupational data can be very hard to code. If the participant can not decide which response is appropriate, then probe to obtain the participant's occupation, and help him/her decide what response is appropriate.

[READ ALL CHOICES (if necessary)]

- Homemaker.....A
- Technician, sales or clerical.....B
- Mechanic, repairman, construction worker
or craftsman.....C
- Service: hairdresser, domestic, restaurant,
security.....D
- Management, professional.....E
- Farming, forestry, fishing.....F
- Driver, machine operator, sanitation,
laborer.....G
- Unknown.....H

6. GIVE THE RESPONSE CARD No. 3 TO THE PARTICIPANT, read Item 6, and (if necessary) READ ALL RESPONSES. This question is asked of all participants and covers the entire family's income, not just what is earned by the individual. Read the question as written and ask the person to look at the income categories on the response card. Hand the response card to the person. Ask the person to select the letter which best represent his or her total family income.

[READ ALL CHOICES (if necessary)]

- Under \$5,000.....A
- \$5,000 - \$7,999.....B
- \$8,000 - 11,999.....C
- \$12,000 - \$15,999.....D
- \$16,000 - \$24,999.....E
- \$25,000 - \$34,999.....F
- \$35,000 - \$49,999.....G
- \$50,000 - \$74,999.....H
- \$75,000 - \$99,999.....I
- \$100,000 and over.....J

7. Read Item 7 to the participant. The purpose of this question is to determine how many people were supported by the annual family income. If the number of persons in the household varied over the last 12 months, assist the respondent in determining the average number of inhabitants.
8. Read the transition statement between Items 7 and 8 and then read Item 8. "Premature" is defined in the question and, if clarification is requested, can be further defined as "less than 36 weeks gestation" or "at least 4 weeks premature".

Continue with parts (a) and (b). For participants who remember their full birth weight, fill in the pounds and ounces and go to Item 9. For those who remember their birth weight in pounds, enter the pounds in part (a) and fill in the ounces, part (b), with "==" , and go to Item 9. If the participant does not know the total or approximate weight,

enter "==" in both the pounds and ounces fields and continue with Item 8.c.

Read Item 8.c and the response categories while handing the participant Response Card No. 4. Ask participants to select the category that best describes their birth weight.

9. Read the question to all participants. Even though the question and response categories refer only to twins, the intent of the question is to identify multiple births. If the respondent replies YES or indicates that he/she is from a multiple birth (triplets, quadruplets, etc.), code the response as YES.
10. The purpose of Item 10 is to describe the type or category of occupation that was held for the longest period of time when the participant was between the ages of 25 and 45 years. Although most participants will have held more than one job between the ages of 25 and 45, many of these jobs will be in the same category. Part (b) is only completed if the participant held jobs in different occupational categories.

GIVE THE RESPONSE CARD No. 2 TO THE PARTICIPANT, read the introduction to Item 10 and Item 10.a. Next (if necessary) READ ALL RESPONSES. These are the same occupation categories that are used in Item 5. Enter the category which best describes the job(s) held between the ages of 25 and 45.

If the participant can not decide which occupational category is most appropriate, ask him/her to identify the job and select the occupation category from the occupation category dictionary.

If the participant indicates that he/she has had more than one job, AND these jobs fall into more than one occupational classification, ask the participant to identify the one held for the longest time and enter this category in 10.a. Code the occupational category of the other type of job in 10.b.

[READ ALL CHOICES (if necessary)]

Homemaker.....A
 Technician, sales or clerical.....B
 Mechanic, repairman, construction worker
 or craftsman.....C
 Service: hairdresser, domestic, restaurant,
 or security.....D
 Management, professional.....E
 Farming, forestry, fishing.....F
 Driver, machine operator, sanitation,
 or laborer.....G
 Unknown.. ..H

B. PARENTS

11. The purpose of Item 11 is to determine the education completed by a participant's natural (biologic) mother (11.a.) and natural father (11.b.) at the time of the participant's birth. HAND RESPONSE CARD No. 4 TO PARTICIPANT, read the introduction to Item 11 and Item 11.a. Next (if necessary) READ ALL RESPONSES. Once the participant has answered Item 11.a, read Item 11.b. and (if necessary) READ ALL RESPONSES.

[READ ALL CHOICES (if necessary)]

- Never went to school.....A
- Grades 1 to 3.....B
- Grades 4 to 8.....C
- Grades 9 to 11.....D
- Grade 12.....E
- GED.....F
- One or more years of Vocational or Professional School after High School.....G
- One or more years of College.....H
- One or more years of Graduate or Professional School after College.....I
- UnknownU

GED refers to a high school Graduate Equivalency Diploma. It is awarded by the testing organization rather than a high school.

Vocational, trade or technical training is outside the formal high school, college, or graduate school sequence (although it may be obtained at a 2 or 4 year college) and is designed to give the respondent job skills. It does not include courses taken for personal enrichment but does include technical school, trade school or non-degree nursing schools. We are interested in the usual number of years required for a particular technical course even if it took the respondent a shorter or longer time to complete.

12. The purpose of Item 12 is to identify participants who were raised from birth to age 5 by persons other than their natural parents. The response is NO if at least one of the natural parents had primary responsibility for the participant's care for the majority of the time between the participant's birth and age 5. If NO, thank the participant and indicate that there are no

more questions in this portion of the interview. Complete the administrative section according to standard procedures.

If the response is YES, for example, participants who were adopted, or raised by a family member other than their natural parents, enter YES and continue with Item 13.

13. The purpose of Item 13 is to record the education level of the people who raised the participant between birth and age 5 if parenting was not provided by at least one natural parent. Ask the participant to think about the two most important adults in his/her home between birth and age 5. HAND RESPONSE CARD No. 4 TO PARTICIPANT, read Item 13. Record the highest level of education attained by the first surrogate parent in Item 13.a. If the participant was raised by a second surrogate parent, enter his/her level of education in Item 13.6. If the participant was raised by only one surrogate parent during this time period, enter an "X" in Item 13.b.

C. Administrative Information

14. Enter the date on which the participant was seen in the clinic. Code in numbers using leading zeroes where necessary to fill all boxes. For example, May 3, 1993, would be entered as:

0	5	/	0	3	/	9	3
---	---	---	---	---	---	---	---

month day year

15. Record "C" if the form was completed on the computerized data entry system, or "P" if the paper form was used. If the form was completed partially on paper and partially on the computer, code as "Paper Form."
16. The person at the clinic who has completed this form must enter his/her code number in the boxes provided.