**NHATS Round 1**

**Section CS [CHILDREN AND SIBLINGS]**

<table>
<thead>
<tr>
<th>CS1</th>
<th>cs1dreconcil</th>
<th>R1 D CS1 OP RECORD RECONCILE</th>
</tr>
</thead>
</table>

**DISPLAY INSTRUCTIONS:**

If any roster entries with relationship codes = 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON), display "Besides {you/}FIRST NAME LASTNAME of roster entry with 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON)". "{do you/does SP} and "other". Otherwise, display "{Do you/Does SP}".

If PROXY flag = 1 (YES) and PROXY RELATIONSHIP = 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON), display "you". Otherwise, display "{FIRSTNAME LASTNAME of roster entry with 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON)}".

If (PROXY flag = 1 (YES) and PROXY RELATIONSHIP = 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON)) and (any other roster entries with codes = 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON)), display "and" and "{FIRSTNAME LASTNAME of roster entry with 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER), or 8 (STEPSON)}".

If more than one name displayed, display "and" between each one.

If PROXY flag is null or [PROXY flag = 1 (YES) and PROXY RELATIONSHIP = 2 (SPOUSE/PARTNER)], display "do you" or "Do you". Otherwise, display "does SP" or "Does SP".

**QUESTION TEXT:**

{Besides {you/}and} {FIRSTNAME LASTNAME of roster entry with 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER) or 8 (STEPSON)}, {do you/does SP}? {Do you/Does SP} have any {other} living children, including stepchildren?

**CODES**

<table>
<thead>
<tr>
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<th>YES</th>
<th>CS2PRE</th>
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<tbody>
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<tr>
<td>2</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td></td>
<td>REFUSED</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DON'T KNOW</td>
<td></td>
</tr>
</tbody>
</table>

**BOX CS2**

**BOXCS2**

**NOT ON FILE**

IF PROXY RESPONDENT flag = 1 (YES) and [PROXY ROSTER MEMBER relationship code = 3 (DAUGHTER), 4 (SON), 7 (STEPDAUGHTER) or 8 (STEPSON)] and INHOUSEHOLD flag = 1 (YES), set CHILDINHH flag = 1 (YES) for PROXY ROSTER MEMBER. If any roster entries with CHILDINHH flag = 1 (yes), go to CS9PRE. Otherwise, go to CS14.
DISPLAY INSTRUCTIONS:

Display CHILDREN ROSTER as a grid.

Display questions CS2-CS7b on full matrix screen.

Do not display question text in brackets during first entry to person roster. Otherwise, display question text in brackets.

Display "first" as underlined text.

QUESTION TEXT:

{{Please tell me their names and whether they are {your/[SP]}'s} daughter, son, stepdaughter, or stepson.}}

What is (his/her) first name?

CONFIRM SPELLING

PROBE IF NECESSARY: {Do you/Does {SP}} have any other living children?

PRESS ENTER IF MATRIX IS COMPLETE

PROGRAMMER INSTRUCTIONS:

For each ROSTER addition, set CHILDNOTINHH flag= 1 (YES) for ROSTER PERSON.

Allow up to 15 row entries.

Allow movement between grid items using the arrow keys.

Go to CS8 when matrix is complete.

ENTER TEXT

Length 25

DISPLAY INSTRUCTIONS:

Display "first" in underlined text.

QUESTION TEXT:

What is (his/her) first name?

CONFIRM SPELLING

DISPLAY INSTRUCTIONS:

Display "last" in underlined text.

QUESTION TEXT:

What is (his/her) last name?
CONFIRM SPELLING

ENTER TEXT

Length 25

CS3

<table>
<thead>
<tr>
<th>op1reltnship</th>
<th>R1 OTHER PRSN RELATIONSHIP TO SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>op1gender</td>
<td>R1 OTHER PERSON GENDER</td>
</tr>
</tbody>
</table>

DISPLAY INSTRUCTIONS:
Display CHILD RELATIONSHIP CODE LIST.

QUESTION TEXT:
What is {FIRSTNAME LASTNAME}'s relationship to {you/SP}?
PRESS F1 FOR HELP SCREEN

CODES
3 DAUGHTER
4 SON
7 STEPDAUGHTER
8 STEPSON

PROGRAMMER INSTRUCTIONS:
If CS3 = 3 (daughter) or 7 (stepdaughter), set PERSON GENDER = 2 (female), and display “F” in matrix gender field.
ELSE set PERSON GENDER = 1 (male), and display “M” in matrix gender field.

CS4A

| op1birthmth (Sensitive) | R1 OTHER PERSON MONTH OF BIRTH |

DISPLAY INSTRUCTIONS:
Display “month” as underlined text.

QUESTION TEXT:
What is {FIRSTNAME LASTNAME}'s date of birth?
ENTER MONTH

ENTER NUMBER
Range 1 to 12
REFUSED
DON’T KNOW

CS4B

| CS4B | NOT ON FILE |

DISPLAY INSTRUCTIONS:
Display CS4a, CS4b, and CS4c, on the same screen.
Display “day” as underlined text
QUESTION TEXT:

[What is {FIRSTNAME LASTNAME}'s date of birth?]

ENTER DAY

ENTER NUMBER

Range  
 1 to 31
  REFUSED
  DON'T KNOW

CS4C  
**op1birthyear (Sensitive)**  
R1 OTHER PERSON YEAR OF BIRTH

DISPLAY INSTRUCTIONS:

Display CS4a, CS4b, and CS4c, on the same screen.

Display “year” as underlined text.

QUESTION TEXT:

[What is {FIRSTNAME LASTNAME}'s date of birth?]

ENTER YEAR

ENTER NUMBER

  REFUSED
  DON'T KNOW

PROGRAMMER INSTRUCTIONS:

Hard range: CURRENT YEAR – 95.
Soft range: (CURRENT YEAR – 20) – (CURRENT YEAR – 75)
If CS4c violates hard range, display error message "YEAR OF BIRTH OUTSIDE OF RANGE, CONFIRM WITH RESPONDENT AND RE-ENTER".

If CS4a ≥ and CS4b ≥ and CS4c ≥ 1, compute PERSON AGE as (CURRENT DATE - CS4a-c DOB) and prefill CS5. Otherwise, go to CS6.

CS5  
**op1age (Sensitive)**  
R1 OTHER PERSON AGE

**op1dage**  
R1 D OTH PERSN CAT AGE AT INTVW

QUESTION TEXT:

That makes {FIRSTNAME LASTNAME} {CALCULATED AGE} today. Is that correct?

CODES

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
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<tr>
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<td>CS4A</td>
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<td>CS7A</td>
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<td>CS7A</td>
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</table>

PROGRAMMER INSTRUCTIONS:

If CS5 = 1 (yes), write person AGE to PERSON ROSTER.
If CS5 = DK or RF, display “DK” or “RF” in matrix age field.
CS6

**op1age (Sensitive)**

R1 OTHER PERSON AGE

**op1dage**

R1 D OTH PERSN CAT AGE AT INTVW

**QUESTION TEXT:**

How old is {FIRSTNAME LASTNAME}?

ENTER AGE

IF LESS THAN 1 YEAR, ENTER 0

**ENTER NUMBER**

Range 0 to 95

Soft Range 15 to 75

REFUSED

DON'T KNOW

**PROGRAMMER INSTRUCTIONS:**

Write PERSON AGE to PERSON ROSTER.
If CS6 = DK or RF, display “DK” or “RF” in matrix age field.

CS7A

**op1cityres (Restricted)**

R1 OTHER PRSN CITY OF RESIDENCE

**DISPLAY INSTRUCTIONS:**

Display "CITY" in underlined text.
Display CS7a and CS7b on the same screen.

**QUESTION TEXT:**

In what city and state does {FIRSTNAME LASTNAME} live?

ENTER CITY.

CONFIRM SPELLING

**ENTER TEXT**

Length 25

REFUSED

DON'T KNOW

CS7B

**op1stateres (Restricted)**

R1 OTHER PRSN STATE OF RESIDENCE

**DISPLAY INSTRUCTIONS:**

Display CS7a and CS7b on the same screen.

**QUESTION TEXT:**

[In what city and state does {FIRSTNAME LASTNAME} live?]

ENTER STATE

TYPE THE FIRST LETTER OF THE STATE, THEN USE ARROW KEYS IF NEEDED TO LOCATE STATE, AND PRESS ENTER TO SELECT
ENTER TEXT

REFUSED
DON’T KNOW

PROGRAMMER INSTRUCTIONS:
Use lookup file of state names.
Write PERSON CITY and STATE to PERSON ROSTER.
Go to CS2.

CS8

NOTE: CS8 NOT ON FILE

QUESTION TEXT:
IS THE CHILDREN MATRIX COMPLETE?

codes

1 YES
2 NO CS2

CS9PRE

NOTE: CS9PRE NOT ON FILE

QUESTION TEXT:
Now I have a few questions about each of {your/SP’s} children.
PRESS 1 AND ENTER TO CONTINUE

CS9

DISPLAY INSTRUCTIONS:
Display ROSTER as a grid.
Display questions CS9-CS12 on full matrix screen.

QUESTION TEXT:
SHOWCARD CS1
What is the highest degree or level of school {FIRSTNAME LASTNAME} completed?

CODES

1 NO SCHOOLING COMPLETED
2 1ST-8TH GRADE
3 9TH-12TH GRADE (NO DIPLOMA)
4 HIGH SCHOOL GRADUATE (HIGH SCHOOL DIPLOMA OR EQUIVALENT)
5 VOCATIONAL, TECHNICAL, BUSINESS, OR TRADE SCHOOL CERTIFICATE OR DIPLOMA (BEYOND HIGH SCHOOL LEVEL)
6 SOME COLLEGE BUT NO DEGREE
7 ASSOCIATE’S DEGREE
8 BACHELOR’S DEGREE
9 MASTER’S, PROFESSIONAL, OR DOCTORAL DEGREE
PROGRAMMER INSTRUCTIONS:
Display grid with FIRSTNAME LASTNAME of roster entries with CHILDINHH flag = 1 (yes) or CHILDNOTINHH flag = 1 (yes) preloaded.
Allow movement between grid items using the arrow keys.
When exiting matrix, if any blank fields in matrix CS2-CS7b, or matrix CS9-CS12, return cursor to the blank field and display appropriate error message.
Go to CS13 when matrix is complete.
Write education level to PERSON ROSTER.

CS10  op1martlstat  R1 OTHER PERSON MARITAL STATUS

QUESTION TEXT:
Is {FIRSTNAME LASTNAME} married, living with a partner, separated, divorced, widowed, or never married?

CODES
1  MARRIED
2  LIVING WITH A PARTNER
3  SEPARATED
4  DIVORCED
5  WIDOWED
6  NEVER MARRIED
   REFUSED
   DON’T KNOW

PROGRAMMER INSTRUCTIONS:
Write Marital Status to PERSON ROSTER.

CS11  op1numchldrn  R1 OTHER PRSN NUMBER OF CHILDREN

QUESTION TEXT:
How many living children does {FIRSTNAME LASTNAME} have?

IF NEEDED: Include step and adopted children.
ENTER NUMBER OF CHILDREN

ENTER NUMBER
Range  0 to 24
Soft Range  0 to 10
REFUSED
DON’T KNOW
PROGRAMMER INSTRUCTIONS:

Soft range: 0-10.

Write number of children to PERSON ROSTER.

If CS11 =0, RF, or DK go to CS9.

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**CS12**

Are any of [FIRSTNAME LASTNAME]'s children under age 18?

**CODES**

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NO</td>
</tr>
<tr>
<td>2</td>
<td>REFUSED</td>
</tr>
<tr>
<td></td>
<td>DON'T KNOW</td>
</tr>
</tbody>
</table>

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**CS12a**

How many children are under age 18?

**ENTER NUMBER**

Range 1 to 20

**PROGRAMMER INSTRUCTIONS:**

Write number of children under 18 to PERSON ROSTER. If CS12 > CS11, display error message "NUMBER OF CHILDREN UNDER 18 CANNOT BE GREATER THAN TOTAL NUMBER OF CHILDREN". Write FIRST NAME, LAST NAME, RELATIONSHIP, DOB, AGE, CITY, STATE, EDUCATION LEVEL, MARITAL STATUS, # OF CHILDREN, AND # OF CHILDREN UNDER 18 TO PERSON ROSTER FOR ROSTER MEMBER. Go to CS9.

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**CS13**

IS THE CHILDREN MATRIX COMPLETE?

**CODES**

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>NO</td>
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**CS14**

NUMBER OF LIVING SISTERS

**QUESTION TEXT:**

Write number of children to PERSON ROSTER.
How many living sisters {do you/does SP} have?

ENTER NUMBER OF SISTERS

ENTER NUMBER

Range 0 to 20
Soft Range 0 to 10
REFUSED
DON’T KNOW

PROGRAMMER INSTRUCTIONS:
Hard Range: 0-20.
Soft range: 0-10.

CS15                  cs1brthrsnum  R1 CS15 NUMBER OF LIVING BROTHERS

QUESTION TEXT:
How many living brothers {do you/does SP} have?

ENTER NUMBER OF BROTHERS

ENTER NUMBER

Range 0 to 20
Soft Range 0 to 10
REFUSED
DON’T KNOW

PROGRAMMER INSTRUCTIONS:
Hard Range: 0-20.
Soft range: 0-10.

Go to Section SN – Social Network.

Derived Variables from Items in CS Section

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
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<tbody>
<tr>
<td>op1dage</td>
<td>R1 D OTHER PERSON CAT AGE AT INTERVIEW</td>
</tr>
<tr>
<td>cs1dnumchild</td>
<td>R1 D NUMBER OF CHILDREN</td>
</tr>
<tr>
<td>cs1dnumstpchd</td>
<td>R1 D NUMBER OF STEP CHILDREN</td>
</tr>
<tr>
<td>cs1dnumdaugh</td>
<td>R1 D NUMBER OF DAUGHTERS</td>
</tr>
<tr>
<td>cs1dnumson</td>
<td>R1 D NUMBER OF SONS</td>
</tr>
<tr>
<td>cs1dreconcil</td>
<td>R1 D CS1 OP RECORD RECONCILE</td>
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