

**2006-2010 NSFG User's Guide**  
**Appendix 3a: Female Respondent File Recode Specifications**

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*The CAPI Reference Questionnaire (CRQ) contains the full specifications for the computer-assisted survey instrument, including all CRQ flow checks (routing statements) referenced below.*

*For selected recodes on the female respondent file, some form of collapsing, topcoding, or bottomcoding values was required to minimize the risk of disclosure and include the variables on the public use files. For these particular recodes, the original, “inhouse” variables (beginning with the prefix “IN”) are listed in the specifications below. To access these restricted-use variables (also listed in **Appendix 7**), users must apply to the NCHS Research Data Center. Please see “**Protections to Minimize Risk of Disclosure for Individual-Level Data**” in Part 1*

and “**VARIABLES MODIFIED OR SUPPRESSED FOR PUBLIC USE**” in Part 2 of the User’s Guide for further details.

\*\* A double asterisk after the recode name indicates there was a comparable recode of the same name in Cycle 6 (2002). Please also see User’s Guide Appendix 4, presenting “cross-walk” spreadsheets of the NSFG recodes.

† The Section F Family Planning variables for the source of services received in the last 12 months are comparable to recodes of the same name in Cycle 6. However, these variables are not listed in the recode specifications for Cycle 6 because they were not available until after the release of the initial public use file.

**Section A: Demographic Characteristics;**  
**Household Roster; Childhood Background**

**AGER\*\*:**            **“R’s age at interview”**

AGER= **age\_r**

Values of Blaise-computed variable **age\_r** are used to determine values of AGER:

If there was a valid response in date of birth (AA-2 BIRTHDAY), then  
age\_r = INT[(date of interview (in m/d/y) - m/d/y date of birth (AA-2  
BIRTHDAY))/365.25]  
else  
age\_r = age in years (AA-1 AGE\_A)

*User Note:    Respondents aged 45 at interview were 44 at time of household screener.*

Code categories:

15-45 = age in years

**FMARITAL\*\*:**       **“Formal (legal) marital status”**

FMARITAL= **fmarit**

Values of Blaise-computed variable **fmarit** are used to determine values of FMARITAL:

fmarit = 1 (married)	If R is married (AB-1 MARSTAT = 1)
fmarit = 2 (widowed)	If R is widowed (AB-1 MARSTAT = 3 or AB-2 FMARSTAT=3)
fmarit = 3 (divorced)	If R is divorced (AB-1 MARSTAT = 4 or AB-2 FMARSTAT=4)
fmarit = 4 (separated)	If R is separated (AB-1 MARSTAT = 5 or AB-2 FMARSTAT=5)
fmarit = 5 (never married)	If R is never married (AB-1 MARSTAT = 6 or AB-2 FMARSTAT=6)
fmarit=0 (missing)	If R is missing or DK/RF on either AB-1 MARSTAT or AB-2 FMARSTAT

*Imputation note:    If fmarit=0 (response to AB-1 MARSTAT was DK/RF or is missing or AB-2  
FMARSTAT was DK/RF), impute FMARITAL.*

Code categories:

1 = Married  
2 = Widowed  
3 = Divorced  
4 = Separated  
5 = Never married

**RMARITAL\*\*:**      **“Informal marital status”**

RMARITAL = 1      if R is married (AB-1 MARSTAT = 1).  
Else  
RMARITAL = 2      if R reports living with a partner of the opposite sex (AB-1 MARSTAT = 2).  
Else  
RMARITAL = 3      if R is widowed (AB-1 MARSTAT = 3).  
Else  
RMARITAL = 4      if R is divorced (AB-1 MARSTAT = 4).  
Else  
RMARITAL = 5      if R is separated (AB-1 MARSTAT = 5).  
Else  
RMARITAL = 6      if R has never been married (AB-1 MARSTAT = 6).

*Imputation note: Imputation needed if response to AB-1 MARSTAT was DK/RF or is missing.*

Code categories:

- 1 = Currently married
- 2 = Not married but living with a partner of the opposite sex
- 3 = Widowed
- 4 = Divorced
- 5 = Separated (for reasons of marital discord)
- 6 = Never been married

**EDUCAT\*\*:**      **“Education (number of years of schooling)”**

- If R completed the highest grade she attended (AF-4 COMPGRD = 1), then her education is the highest grade she attended (EDUCAT = AF-3 HIGRADE).
- If R did not complete (or has not yet completed) the highest grade she attended (AF-4 COMPGRD = 5), her education is the grade below the highest grade she attended (EDUCAT = AF-3 HIGRADE minus 1).
- If R had no formal schooling (AF-3 HIGRADE = 0), then she completed no years of formal schooling (EDUCAT = 0).
- If R reported the highest grade she attended (AF-3 HIGRADE = 1-19), but did not report whether or not she had completed that grade (AF-4 COMPGRD = DK, RF, missing), then her education is the highest grade she attended (EDUCAT = AF-3 HIGRADE).

*Note: The original EDUCAT recode, as defined above, was bottom-coded for public use at 9 to represent “9<sup>th</sup> grade or less.” The full-detail variable called INEDUCAT is available through the NCHS Research Data Center.*

*Imputation Note: Imputed if AF-3 HIGRADE is DK/RF/missing.*

Code categories:

- 9 = 9<sup>th</sup> grade or less
- 10-12 = 10<sup>th</sup> – 12<sup>th</sup> grade
- 13-18 = 1-6 years of college/grad school
- 19 = 7 or more years of college and/or grad school

**HIEDUC\*\*:** “Highest completed year of school or highest degree received”

**2006-2010, Year 1:**

- If R has no degrees ((AF-5 HAVEDIP=5 or BLANK) and (AF-10 HAVEDEG=5 or BLANK)), then HIEDUC=1-8, or 10. Assign based on completed years of schooling (recode EDUCAT) value corresponding to the appropriate HIEDUC category.
- If R has no college or university degrees (AF-10 HAVEDEG=5 or BLANK), and if R has a high school diploma and/or GED (AF-5 HAVEDIP=1 or AF-6 DIPGED=1 or 2 or 3), and if completed years of school is 12 or fewer (EDUCAT <= 12), then HIEDUC=9
- If R has no college or university degrees (AF-10 HAVEDEG=5 or BLANK), and if R has a high school diploma and/or GED (AF-5 HAVEDIP=1 or AF-6 DIPGED=1 or 2 or 3), and if completed years of school is more than 12 (EDUCAT>12), then HIEDUC=10
- Else, if R has an associate’s degree (AF-11 DEGREES=1), then HIEDUC=11  
if R has a bachelor’s degree (AF-11 DEGREES=2), then HIEDUC=12  
if R has a master’s degree (AF-11 DEGREES=3), then HIEDUC=13  
if R has a doctorate degree (AF-11 DEGREES=4), then HIEDUC=14  
if R has a professional degree (AF-11 DEGREES=5) then HIEDUC=15

**2006-2010, Year 2 and later (AF-5 HAVEDIP was not asked, and a response category was added to AF-6 DIPGED)**

- If R has no degrees ((AF-6 DIPGED=2, 5, or BLANK) and (AF-10 HAVEDEG=5 or BLANK)), then HIEDUC=1-8, or 10. Assign based on completed years of schooling (recode EDUCAT) value corresponding to the appropriate HIEDUC category.
- If R has no college or university degrees (AF-10 HAVEDEG=5 or BLANK), and if R has a high school diploma and/or GED (AF-6 DIPGED=1 or 2 or 3), and if completed years of school is 12 or fewer (EDUCAT<=12), then HIEDUC=9
- If R has no college or university degrees (AF-10 HAVEDEG=5 or BLANK), and if R has a high school diploma and/or GED (AF-6 DIPGED=1 or 2 or 3), and if completed years of school is more than 12 (EDUCAT>12), then HIEDUC=10
- Else, if R has an associate’s degree (AF-11 DEGREES=1), then HIEDUC=11  
if R has a bachelor’s degree (AF-11 DEGREES=2), then HIEDUC=12  
if R has a master’s degree (AF-11 DEGREES=3), then HIEDUC=13  
if R has a doctorate degree (AF-11 DEGREES=4), then HIEDUC=14  
if R has a professional degree (AF-11 DEGREES=5) then HIEDUC=15

*Note: The original HIEDUC recode, as defined above, was bottom-coded for public use at 5 to represent “9<sup>th</sup> grade or less.” The full-detail variable called INHIEDUC is available through the NCHS Research Data Center.*

*Imputation Notes: Computed based on imputed values of source recodes.  
Imputed if AF-11 DEGREES is DK/RF/missing.  
Year 1: Imputed if AF-5 HAVEDIP is DK/RF/missing.  
Year 2 or later: Imputed if AF-6 DIPGED is DK/RF/missing.*

Code categories for HIEDUC (public-use variable):

- 5 = 9th grade or less
- 6 = 10th grade
- 7 = 11th grade
- 8 = 12th grade, no diploma (nor GED)
- 9 = High school graduate (high school diploma or GED)
- 10 = Some college but no degree
- 11 = Associate degree in college/university
- 12 = Bachelor’s degree
- 13 = Master’s degree
- 14 = Doctorate degree
- 15 = Professional degree

Code categories for INHIEDUC (restricted-use variable):

- 1 = no formal schooling
- 2 = 1st-4th grade
- 3 = 5th-6th grade
- 4 = 7th-8th grade
- 5 = 9th grade
- 6 = 10th grade
- 7 = 11th grade
- 8 = 12th grade, no diploma (nor GED)
- 9 = High school graduate (high school diploma or GED)
- 10 = Some college but no degree
- 11 = Associate degree in college/university
- 12 = Bachelor’s degree
- 13 = Master’s degree
- 14 = Doctorate degree
- 15 = Professional degree

**HISPANIC\*\*:**        **“Hispanic origin”**

IF AC-1 HISP =1 then HISPANIC=1.  
ELSE IF HISP=5 THEN HISPANIC=2.

*Imputation Note: Needed if HISP = DK or RF.*

Code categories:

- 1 = Hispanic
- 2 = Non-Hispanic

**RACE\*\*:**     **“Race of respondent”**

If R reported only one race (AC-3 RRACE1 = 1 or 2 or 3 or 4 or 5) and reported that:

- she is black (AC-3 RRACE1= 4), then RACE=1.
- she is white (AC-3 RRACE1= 5), then RACE=2.
- she is some other race (AC-3 RRACE1 = 1 or 2 or 3), then RACE=3.

If R reported more than one race (more than one nonmissing value on AC-3 RRACE1 through RRACE5), and reported that the race that best describes her is:

- black (AC-4 RACEBEST=4), then RACE=1.
- white (AC-4 RACEBEST=5), then RACE=2.
- some other race (AC-4 RACEBEST=1 or 2 or 3), then RACE=3.

If R did not report her race (AC-3 RRACE1 = RF/DK), or she reported more than one race but did not choose which race best describes her (AC-4 RACEBEST=RF/DK), then RACE= race by interviewer observation (AC-5 OBSERVE) coded as follows:

- Interviewer chose black (AC-5 OBSERVE=1), then RACE=1.
- Interviewer chose white (AC-5 OBSERVE=2), then RACE=2.
- Interviewer chose other (AC-5 OBSERVE=7), then RACE=3.

*Imputation Note:*     *Needed if AC-5 OBSERVE = DK or RF.*

Code categories:

- 1 = Black
- 2 = White
- 3 = Other

**HISPRACE\*\*:**     **“Race and Hispanic origin – based on 1977 OMB guidelines”**

If recode HISPANIC=1 then HISPRACE=1.  
 Else, if recode RACE=1 then HISPRACE=3.  
 Else, if RACE=2 then HISPRACE=2.  
 Else, if RACE=3 then HISPRACE=4.

*Imputation Note:*     *Computed based on imputed values of source recodes.*

Code categories:

- 1 = Hispanic
- 2 = Non-Hispanic White
- 3 = Non-Hispanic Black
- 4 = Non-Hispanic Other

**HISPRACE2:** “Race and Hispanic origin – based on 1997 OMB guidelines”

Define *intermediate variable* NUMRACE (included on public use data file) for multiple race reporting:

NUMRACE=1 if AC-4 RACEBEST=blank (not asked because R reported only 1 race)

NUMRACE=2 if RACEBEST NE blank (more than 1 race reported)

If NUMRACE=1 or HISPRACE=1 (Hispanic) then HISPRACE2=HISPRACE.

Else if NUMRACE=2 then HISPRACE2=4.

*Imputation Note:* Computed based on imputed values of source recodes.

Code categories:

1 = Hispanic (regardless of race reporting)

2 = Non-Hispanic White, Single Race

3 = Non-Hispanic Black, Single Race

4 = Non-Hispanic Other or Multiple Race

**NUMKDHH\*\*:** “Number of biological/adopted/related/legal children under age 18 in household”

NUMKDHH is initialized to 0. For each member of the household, NUMKDHH is increased by one each time a household member’s relationship to R is biological child, adopted child, step child, partner’s child, grandchild, niece/nephew, legal ward, or foster child (AD-5 RELAR[x]=3 or 4 or 5 or 6 or 7 or 8 or 9 or 10) and age is less than 18 (AD-4 Age[x]<18) and it is the household member’s usual residence (AD-2 USUALRES[x] = 1).

*Note:* This is comparable to recode of the same name on the data file for males, which is intended to define the universe of children in the household for whom he may play a fathering role, and about whom “parenting activities” questions are asked. This differs from the Cycle 5 recode NUMKDHH which captured only biological and adopted children in the household.

*Note:* The original NUMKDHH recode, as defined above, was top-coded for public use at 5 to represent “5 children or more.” The full-detail variable called INNUMKDHH is available through the NCHS Research Data Center.

Code categories:

0-4 = number of children

5 = 5 children or more

**NUMFMHH\*\*:** “Number of family members in household”

NUMFMHH is initialized to 0. For each member of the household, NUMFMHH is increased by one each time a household member’s relationship to R is husband/wife, male/female partner,

biological child, step-child, adopted child, grandchild, niece/nephew, biological parent, step-parent, adoptive parent, grandparent, aunt/uncle, brother/sister, other relative, (AD-5 RELAR[x] = 1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 17, 18, 19, 20) and it is the household member's usual residence (AD-2 USUALRES[x] = 1).

*Note: The original NUMFMHH recode, as defined above, was top-coded for public use at 7 to represent "7 family members or more." The full-detail variable called INNUMFMHH is available through the NCHS Research Data Center.*

Code categories:

0-6 = number of family members

7 = 7 or more family members

**HHFAMTYP\*\*:** "Type of household/family structure"

This variable provides a summary measure of household/family structure at the time of interview.

if

there is no spouse in the household (no AD-5 RELAR[x] = 1) and

there is no partner in the household (no AD-5 RELAR[x] = 2) and

no household members are "child under age 19" (child includes biological child, stepchild, adopted child, legal ward, foster child, or partner's child) (no AD-5 RELAR[x] = 3 through 8, with AD-4 AGE[x] less than 19)

Then HHFAMTYP=1

else, if

There is a spouse or partner in the household (AD-5 RELAR[x]=1 or 2) but no children under age 19 in the household, (no AD-5 RELAR[x] = 3 through 8, with AD-4 AGE[x] less than 19),

then HHFAMTYP=2

else, if

There is a spouse in the household (AD-5 RELAR[x]=1) and one or more children under age 19 in the household, (any AD-5 RELAR[x] = 3 through 8, with AD-4 AGE[x] less than 19),

then HHFAMTYP=3

else, if

There is a partner in the household (AD-5 RELAR[x]=2) and one or more children under age 19 in the household, (any AD-5 RELAR[x] = 3 through 8, with AD-4 AGE[x] less than 19),

then HHFAMTYP=4

else,

HHFAMTYP=5

Code categories:

1=No spouse/partner and no child(ren) (of R) 18 or younger

2=Spouse/partner, but no child(ren) (of R) 18 or younger

3=Spouse and R's child(ren) 18 or younger

- 4=Cohabiting partner and R's child(ren) 18 or younger
- 5=No spouse/partner, but child(ren) of R, 18 or younger

**HHPARTYP:            “Type of parental situation in household”**

This variable provides a summary measure of the respondent's parental living situation at the time of interview.

- if there are two biological parents in the household (AD-5 RELAR[x]=11 for 2 household members) or two adoptive parents in the household (AD-5 RELAR[x]=13 for 2 household members),  
then HHPARTYP=1

- else if there is a stepparent in the household, along with a biological or adoptive parent (any AD-5 RELAR[x]=12, and any AD-5 RELAR[x]=11 or 13),  
then HHPARTYP=2

- else if there is only one biological, adoptive, or stepparent in the household,  
HHPARTYP=3

Code categories:

- 1=Both biological or both adoptive parents
- 2=Biological and step- or adoptive parent
- 3=Single parent (biological, adoptive, or stepparent)
- 4=Other

**NCHILDHH\*\*:**        **“Number of respondent's children (18 or younger) living in household”**

This variable provides a counter of all persons in the household 18 or younger who can be considered the respondent's child. This includes biological child, stepchild, adopted child, legal ward, foster child, or partner's child.

NCHILDHH is initialized to 0.

For each member of the household who is respondent's child under age 19, NCHILDHH is incremented by one. (for each time AD-5 RELAR[x] = 3 through 8, with AD-4 AGE[x] less than 19, NCHILDHH=NCHILDHH+1).

If NCHILDHH is greater than or equal to 3, NCHILDHH=3.

Code categories:

- 0-2 = number of respondent's children 18 or younger in the household
- 3 = 3 or more of respondent's children 18 or younger in the household

**HHKIDTYP\*\*:**       **“Whether R has children (18 or younger), and whether bio/non-bio, living in household”**

This variable provides a summary description of persons 18 or younger living in the household, based on their relationship to the respondent and their age.

If

There are no biological children age 18 or under in the household (no AD-1 RELAR[x]=3, with AD-4 AGE[x]<19) and there are no non-biological children age 18 or under in the household (no AD-1 RELAR[x]=4 through 8, with AD-4 AGE[x]<19)

(note: there could be biological or non-biological children 19 or older in the household)

Then HHKIDTYP=0

Else, if

There are no non-biological children of any age in the household (no AD-1 RELAR[x]=4 through 8), then if there are any biological children age 18 or under in the household (any AD-1 RELAR[x]=3, with AD-4 AGE[x]<19)

Then HHKIDTYP=1

Else, if

There are any non-biological children age 18 or under in the household (any AD-1 RELAR[x]=4 through 8, with AD-4 AGE[x]<19)

Then HHKIDTYP=2

Code categories:

0 = no child(ren) 18 or younger in HH or only older child(ren)

1 = at least one biological child (of R's) under 18 in HH, no nonbiological child(ren)

2 = any non-biological child (of R's) 18 or younger in HH

**CSPBBHH\*\*:**       **“Number of R's biological children (aged 18 or younger) with current husband or cohabiting partner who live in the household”**

CSPBBHH is blank (inapplicable) if R is not currently married or cohabiting with a male partner (AB-1 MARSTAT NE 1 or 2).

This variable indicates the number of the married or cohabiting female respondent's biological children who are also the biological children of her current husband or cohabiting partner, are 18 or younger, and who live in the household.

For each member of the household 18 years of age or younger (AD-4 AGE[x] <= 18), CSPBBHH is increased by one each time a household member's relationship to the R is biological child (AD-5 RELAR[x] = 3 and her husband or partner is the biological father of this child (AD-9 RELMAN = 1).

*Note: The original CSPBBHH recode, as defined above, was top-coded for public use at 3 to represent “3 or more joint biological children.” The full-detail variable called INCSPPBBHH is available through the NCHS Research Data Center.*

Code categories:

Blank = inapplicable

0-2 = number of joint biological children 18 or younger in household

3 = 3 or more joint biological children 18 or younger in household

**CSPBSSH\*\*:** **“Number of female R’s biological children (aged 18 or younger) in household who are not the biological children of her current husband or cohabiting partner”**

CSPBSSH is blank (inapplicable) if R is not currently married or cohabiting with a male partner (AB-1 MARSTAT NE 1 or 2).

This variable indicates the number of the married or cohabiting female respondent’s biological children who are related to, but not the biological children of, her current husband or cohabiting partner.

For each member of the household 18 years of age or younger (AD-4 AGE[x] <= 18), CSPBSSH is increased by one each time a household member’s relationship to the R is biological child (AD-5 RELAR[x] = 3 and her husband or partner is related to, but NOT the biological father, foster father, or legal guardian of this household member (AD-9 RELMAN = 2, 3, or 4).

*Note: The original CSPBSSH recode, as defined above, was top-coded for public use at 1 to represent “1 child or more.” The full-detail variable called INCSPBSSH is available through the NCHS Research Data Center.*

Code categories:

Blank = inapplicable

0 = No children under 19 in household

1 = 1 or more children under 19 in household

**CSPOKDHH\*\*:** **“Number of all other children (aged 18 or younger) in household living with R and her current husband or cohabiting partner”**

CSPOKDHH is blank (inapplicable) if R is not currently married or cohabiting with a male partner (AB-1 MARSTAT NE 1 or 2).

This variable indicates the number of children in the married or cohabiting female’s household who are:

- 1) her biological children and the relationship of the child to her current husband or cohabiting partner is unknown or not related, OR
- 2) her step, adopted, partner’s, or foster child, or legal ward.

For each member of the household 18 years of age or younger (AD-4 AGE[x] <= 18), CSPOKDHH is increased by one each time a household member’s relationship to the R is:

- 1) her biological child (AD-5 RELAR[x] = 3) and the relationship of the current husband



18/interview/living on own (computed variable intact18=1).

Else

PARAGE14=2 If R lived with biological mother and step-father at age 14  
(AG-3 LVSIT14F=2 and AG-4 LVSIT14M=3).

Else

PARAGE14=3 If R lived in any other parental situation at age 14, including: one biological parent and no other parents(s)/parent-figures; or no parent(s)/parent-figures.

*Note: This recode PARAGE14 is based on modified versions of inputs LVSIT14F and LVSIT14M. These inputs had categories combined for reduction of disclosure risk. The full-detail variables, called INLVSIT14F and INLVSIT14M, are available through the NCHS Research Center. The full-detail recode called INPARAGE14 is also available through the NCHS Research Center.*

Code categories for PARAGE14 categories (public-use variable):

- 1 = R lived with both biological parents at age 14
- 2 = R lived with biological mother and step-father at age 14
- 3 = R lived in any other parental situation or a non-parental situation at age 14

Code categories for INPARAGE14 categories (restricted-use variable):

- 1=R lived with both biological or adoptive parents at age 14
- 2=R lived with one biological parent and one adoptive parent at age 14
- 3=R lived with one biological and one step-parent at age 14
- 4=R lived with one biological parent and no other parent/parent-figure at age 14
- 5=R lived with other parent(s)/parent-figure(s) or in non-parental situation at age 14

**EDUCMOM\*\*:** **“Mother’s (or mother-figure’s) education”**

EDUCMOM = Highest level of education completed by mother or mother-figure (AG-6 MOMDEGRE).

EDUCMOM=95 If R was asked who she thought of as the woman who mostly raised her when she was a teenager, and identified no one, (AG-5 WOMRASDU = 9), (no mother-figure identified).

*Note: MOMDEGRE is based on a question asking about the education of the mother/mother-figure whose identity is defined in the following way: For respondents who grew up in intact family (biological/adoptive mother and father) (AG-1 INTACT), that is who is being asked about. For all other respondents, the identity is established with the question (AG-5 WOMRASDU)*

*“Who, if anyone, do you think of as the woman who mostly raised you when you were growing up?”*

*Respondents eligible for that question were allowed to respond “no such person,” coded 95 on EDUCMOM.*

*Note: The original EDUCMOM recode, as defined above, was collapsed into 4 categories for public use so that 3 represents “Some college, including 2 year degrees” and 4 represents “Bachelor’s degree or higher.” The full-detail variable called INEDUCMOM is available through the NCHS Research Data Center.*

Code categories for EDUCMOM (public-use variable):

- 1 = Less than high school
- 2 = High school graduate or GED
- 3 = Some college, including 2-year degrees
- 4 = Bachelor’s degree or higher
- 95 = No mother/mother-figure identified

Code categories for INEDUCMOM (restricted-use variable):

- 1 = Less than high school
- 2 = High school graduate or GED
- 3 = Some college but no degree
- 4 = 2-year college degree (e.g., Associates degree)
- 5 = 4-year college graduate (e.g., BA, BS)
- 6 = graduate or professional school
- 95 = No mother/mother-figure identified

**AGEMOMB1\*\*:** “Age of mother (or mother-figure) at first birth”

If R reported a valid age for her mother at first birth (1 LE AG-9 MOMFSTCH LE 5), then AGEMOMB1=AG-9 MOMFSTCH.

Else if R doesn’t know or refused to answer mother’s age at first live birth (AG-9 MOMFSTCH=DK/RF) then do:

- If she estimates she was under 18 (AG-10 MOM18=1) then AGEMOMB1=91.
- Else if she estimates she was aged 18-19 (AG-10 MOM18=2) then AGEMOMB1=92.
- Else if she estimates she was aged 20-24 (AG-10 MOM18=3) then AGEMOMB1=93.
- Else if she estimates she was aged 25 or older (AG-10 MOM18=4) then AGEMOMB1=94.

Else if R’s mother-figure had no children (AG-8 MOMCHILD=0), AGEMOMB1=96.

*Note: AGEMOMB1 is based on a question asking about the age at first birth of the mother/mother-figure whose identity is defined in the following way: For respondents who grew up in intact family (biological/adoptive mother and father) (AG-1 INTACT), that is who is being asked about. For all other respondents, the identity is established with the question (AG-5 WOMRASDU)*

*“Who, if anyone, do you think of as the woman who mostly raised you when you were growing up?”*

*AGEMOMB1 is coded 96 if R’s mother or mother-figure had no biological children (e.g., she only had adopted children).*

*Note: The original AGEMOMB1 recode, as defined above, was collapsed for public use into 5 categories. The full-detail variable called INAGEMOMB1 is available through the NCHS Research Data Center.*

Code categories for AGEMOMB1 (public-use variable):

- 1 = Less than 18 years
- 2 = 18-19 years
- 3 = 20-24 years
- 4 = 25-29 years
- 5 = 30 or older
- 96 = Mother-figure had no children

Code categories for INAGEMOMB1 (restricted-use variable):

- xx-nn = Age in years at 1<sup>st</sup> biological child's birth
- 96 = Mother-figure had no children

## Section B: Pregnancy and Birth History

### **RCURPREG\*\*:** “Whether R is currently pregnant”

RCURPREG = **currpreg**

Values of Blaise-computed variable **currpreg** (defined in Flow Check B-4) are used to determine values of RCURPREG:

currpreg = 1 (yes) if R reports that she is currently pregnant (BA-2 PREGNOWQ = 1) or that she thinks she is probably pregnant (BA-3 MAYBPREG = 1)

Else currpreg = 5 (no) in all other cases (including those where both PREGNOWQ and MAYBPREG = DK/RF)

Suggested SAS code:

```
If currpreg =1 then RCURPREG=1;
```

```
Else if currpreg=5 then RCURPREG=2;
```

```
/* if currpreg is not missing, then assign RCURPREG=currpreg */
```

```
If PREGNOWQ in(8,9) and MAYBPREG in(.,8,9) then RCURPREG_I=2;
```

```
/* flag as logical imputation */
```

Code categories:

1 = Yes (currently pregnant)

2 = No (not currently pregnant)

### **PREGNUM\*\*:** “CAPI-based total number of pregnancies”

If R has not yet begun her menstrual periods (BA-1 MENARCHE=96), set PREGNUM=0. Otherwise, PREGNUM is based on non-missing values of the Blaise-computed variable NPREGS\_S (defined in Flow Check B-40d), which accounts for any corrections that took place in the verification screens at the end of the pregnancy history.

SAS Logic:

```
If MENARCHE=96 then PREGNUM=0;
```

```
Else if 0 LE NPREGS_S LT 96 then PREGNUM=NPREGS_S;
```

```
Else if NPREGS_S in(.,98,99) then impute PREGNUM;
```

*Imputation Note:* Imputed if NPREGS\_S = *sysmis*, *DK* or *RF*.

Code categories:

00-nn = number of pregnancies ( *allowed space for 20 pregnancies, and none reported more than 18 in 2006-2010*)

**COMPREG\*\*:**        **“CAPI-based number of completed pregnancies”**

If R is currently pregnant (recode RCURPREG = 1), the number of completed pregnancies is one less than the total number of pregnancies coded in recode PREGNUM. Otherwise, COMPREG EQ PREGNUM.

SAS Logic:

If RCURPREG = 1 then COMPREG = (PREGNUM - 1);  
Else if RCURPREG = 2 then COMPREG = PREGNUM;

*Imputation Note:*        *Computed based on imputed values of source recodes.*

Code categories:

00-nn = number of completed pregnancies

**LOSSNUM\*\*:**        **“CAPI-based number of completed pregnancies ending in spontaneous pregnancy loss”**

LOSSNUM is blank (inapplicable) if R has no completed pregnancies (recode COMPREG=0).

Otherwise, LOSSNUM indicates the total number of pregnancies R has had that ended in miscarriage, ectopic pregnancy, or stillbirth.

Each such pregnancy is counted regardless of any other outcomes reported for the pregnancy. For example, if a pregnancy ended in live birth and stillbirth, it is counted towards both LBPREGS and LOSSNUM recodes. As a result, COMPREG (the number of completed pregnancies may not equal the sum of LOSSNUM, ABORTION, and LBPREGS values. The raw variable indicating pregnancy outcome is BC-1 PREGEND, and for each pregnancy, up to 3 outcomes are recorded. There is also a Blaise-computed variable **outcom\_s** that indicates whether pregnancy ended in live birth (code 1), ended in non-live birth (code 2), or is a current pregnancy (code 3). The outcom\_s variable reflects the pregnancy outcome after all corrections have been made in the pregnancy summary screens; only one main outcome is coded. If no corrections were needed to outcome or pregnancy order, then outcom\_s is equivalent to the originally computed variable **prgoutcome**.

SAS Logic:

(based on pregnancy-file data sorted by case ID number and chronologically)

```
if first.caseid and (outcom_s in(1,2) or OUTCOME in(1,2,3,4,5)) then LOSSNUM=0;  
/* initialized to 0 only if 1st pregnancy is a completed pregnancy */  
if PREGEND1 in(1,2,4) or PREGEND2 in(1,2,4) or PREGEND3 in(1,2,4) or OUTCOME  
in(3,4,5) then LOSSNUM+1;  
retain LOSSNUM;  
if last.caseid then output LOSSNUM;
```

*Note:* This is a respondent file recode, but it was constructed based on the pregnancy-file data.

*Imputation Note:* If *outcom\_s* = *sysmis*, for any of a respondent's pregnancies, this recode must be imputed. Imputed values of *LOSSNUM* are based on imputed values of the pregnancy file recode *OUTCOME*, in conjunction with any valid *PREGEND1-3* values from pregnancy records where *OUTCOME* was not imputed.

Code categories:

Blank = inapplicable

00-nn = number of spontaneous losses

**ABORTION\*\*:** “CAPI-based number of completed pregnancies ending in induced abortion”

ABORTION is blank (inapplicable) if R has no completed pregnancies (recode *COMPREG*=0).

Otherwise, ABORTION indicates the total number of pregnancies R has had that ended in induced abortion (as reported in Section B, not in Section J, Audio CASI).

Each such pregnancy is counted regardless of any other outcomes reported for the pregnancy. For example, if a pregnancy ended in live birth and stillbirth, it is counted towards both *LBPREGS* and *LOSSNUM* recodes. As a result, *COMPREG* (the number of completed pregnancies may not equal the sum of *LOSSNUM*, *ABORTION*, and *LBPREGS* values. The raw variable indicating pregnancy outcome is *BC-1 PREGEND*, and for each pregnancy, up to 3 outcomes are recorded. There is also a Blaise-computed variable **outcom\_s** that indicates whether pregnancy ended in live birth (code 1), ended in non-live birth (code 2), or is a current pregnancy (code 3). The *outcom\_s* variable reflects the pregnancy outcome after all corrections have been made in the pregnancy summary screens; only one main outcome is coded. If no corrections were needed to outcome or pregnancy order, then *outcom\_s* is equivalent to the originally computed variable **prgoutcome**.

SAS Logic:

(based on pregnancy-file data sorted by case ID number and chronologically)

```
if first.caseid and outcom_s in(1,2) or OUTCOME in(1,2,3,4,5) then ABORTION=0;
/* initialized to 0 only if 1st pregnancy is a completed pregnancy */
if PREGEND1=3 or PREGEND2=3 or PREGEND3=3 or OUTCOME=2 then
  ABORTION+1;
retain ABORTION;
if last.caseid then output ABORTION;
```

*Note:* This is a respondent file recode, but it was constructed based on the pregnancy-file data.

*Imputation Note:* If *outcom\_s* = *sysmis*, for any of a respondent's pregnancies, this recode must be imputed. Imputed values of *ABORTION* are based on imputed values of the pregnancy file recode *OUTCOME*, in conjunction with any valid *PREGEND1-3* values from pregnancy records where *OUTCOME*

*was not imputed.*

Code categories:

Blank = inapplicable

00-nn = number of abortions

**LBPREGS\*\*:**        **“CAPI-based number of completed pregnancies ending in live birth”**

LBPREGS is blank (inapplicable) if R has no completed pregnancies (recode COMPREG=0).

Otherwise, LBPREGS indicates the total number of pregnancies R has had that ended in live birth, either by vaginal or Caesarean delivery. If the woman has never had a multiple birth, then LBPREGS is equivalent to the PARITY recode.

Each such pregnancy is counted regardless of any other outcomes reported for the pregnancy. For example, if a pregnancy ended in live birth and stillbirth, it is counted towards both LBPREGS and LOSSNUM recodes. As a result, COMPREG (the number of completed pregnancies may not equal the sum of LOSSNUM, ABORTION, and LBPREGS values.

Unlike the definitions of LOSSNUM and ABORTION, the LBPREGS recode can be defined solely on the basis of the recode OUTCOME that indicates how the pregnancy ended, with live birth taking precedence over all other outcomes. The OUTCOME recode is based on a Blaise-computed variable called **outcom\_s**, which reflects the pregnancy outcome after all corrections have been made in the pregnancy summary screens. If no corrections were needed to outcome or pregnancy order, then outcom\_s is equivalent to the originally computed variable **prgoutcome**.

SAS Logic:

(based on pregnancy-file data sorted by case ID number and chronologically)

```
if first.caseid and OUTCOME NE 6 then LBPREGS=0;
    /* initialized to 0 only if 1st pregnancy is a completed pregnancy */
if OUTCOME=1 then LBPREGS+1;
retain LBPREGS;
if last.caseid then output LBPREGS;
```

*Note: This is a recode to be placed on the respondent file, but it was computed based on the pregnancy file data.*

*Imputation Note: If OUTCOME is flagged for imputation for any of a respondent's pregnancies, the LBPREGS recode must be imputed, with a lower bound based on any validly reported values of OUTCOME for the respondent's other pregnancies.*

Code categories:

Blank = inapplicable

00-nn = number of pregnancies ending in live birth

**PARITY\*\*:**            **“CAPI-based total number of live births (accounting for multiple births)”**

Values of Blaise-computed variable **numbabes** are used to determine values of PARITY). It is then updated based on information from the verification screens at the end of the pregnancy history.

numbabes (number of babies born alive) =  
a “counter” variable in the instrument that is initialized to zero, and incremented based on the number of babies born alive (BC-2 NBRNALIV) from each pregnancy that resulted in a live birth.

SAS Logic:

```
If numbabes NE . then PARITY=numbabes;  
Else if numbabes = . then PARITY=0; /* missing values assigned to 0 */  
If nbabes_s NE PARITY and nbabes_s < 97 then PARITY=nbabes_s;
```

Code categories:

00-nn = number of live births

**BIRTHS5\*\*:**           **“Number of pregnancies ending in live birth in the last 5 years”**

BIRTHS5 is blank (inapplicable) if R has had no completed pregnancies (recode COMPREG=0).

Otherwise, BIRTHS5 indicates the total number of pregnancies ending in live birth that R has had within the 60 months before interview.

Blaise-computed variable **cmintvw** indicates “century month” date of interview.  
Recode OUTCOME = 1 for any pregnancy that results in live birth  
Recode DATEND indicates century-month date when the pregnancy ended

SAS Logic:

(based on pregnancy-file data sorted by case ID number and chronologically)

```
if first.caseid and OUTCOME NE 6 then BIRTHS5=0;  
    /* initialized to 0 only if 1st pregnancy is a completed pregnancy */  
if OUTCOME=1 and ((cmintvw-60)) <= DATEND) then BIRTHS5+1;  
retain BIRTHS5;  
if last.caseid then output BIRTHS5;
```

*Note: This is a recode to be placed on the respondent file, but it was computed based on the pregnancy file data.*

*Imputation note: Based on imputed values of DATEND and OUTCOME.*

Code categories:

Blank = Inapplicable

0-n = Number of pregnancies ending in live birth in last 5 years

**OUTCOMnn\*\*:** “Outcome of Nth pregnancy”

OUTCOMnn is blank (inapplicable) if R has been pregnant less than N times (recode PREGNUM LT N).

Else, OUTCOMnn is transferred from pregnancy file recode OUTCOME for R’s Nth pregnancy.

Code categories:

Blank = Inapplicable

1 = Live birth

2 = Induced abortion

3 = Stillbirth

4 = Miscarriage

5 = Ectopic pregnancy

6 = Current pregnancy

**DATENDnn\*\*:** “CM date Nth pregnancy ended”

DATENDnn is blank (inapplicable) if:

-- R has been pregnant less than N times (recode PREGNUM LT N), or

-- R is currently pregnant with her Nth pregnancy (recode PREGNUM EQ N and recode RCURPREG EQ YES)

Otherwise,

if R has had N or more completed pregnancies (recode COMPREG GE N), then DATENDnn is transferred from pregnancy file recode DATEND for R’s Nth pregnancy.

Code categories:

Blank = inapplicable

xxxx-nnnn = date (century month) Nth pregnancy ended

**AGEPRGnn\*\*:** “Age at Nth pregnancy outcome”

AGEPRGnn is blank (inapplicable) if:

-- R has been pregnant less than N times (recode PREGNUM LT N), or

-- R is currently pregnant with her Nth pregnancy (recode PREGNUM EQ N and recode RCURPREG EQ YES)

Otherwise,

if R has had N or more completed pregnancies (recode COMPREG GE N), then AGEPRGnn is transferred from pregnancy file recode AGEPRG for R’s Nth pregnancy.

Code categories:

Blank = inapplicable  
xxxx-4499 = age at Nth pregnancy outcome

**DATCONnn\*\*:** “CM date of Nth conception”

DATCONnn is blank (inapplicable) if R has been pregnant less than N times (recode PREGNUM LT N).

Otherwise,  
if R has had an Nth pregnancy (recode PREGNUM GE N), then DATCONnn is transferred from pregnancy file recode DATECON for R’s Nth pregnancy.

Code categories:

Blank = inapplicable  
xxxx-nnnn = date (century month) of Nth conception

**AGECONnn\*\*:** “Age at Nth conception”

AGECONnn is blank (inapplicable) if R has been pregnant less than N times (recode PREGNUM LT N).

Otherwise,  
if R has had an Nth pregnancy (recode PREGNUM GE 1), then AGECONnn is transferred from pregnancy file recode AGECON for R’s Nth pregnancy.

Code categories:

Blank = inapplicable  
xxxx-4499 = age at first conception

**MAROUTnn\*\*:** “Formal marital status at Nth pregnancy outcome”

MAROUTnn is blank (inapplicable) if:

- R has been pregnant less than N times (recode PREGNUM LT N), or
- R is currently pregnant with her Nth pregnancy (recode PREGNUM EQ N and recode RCURPREG EQ YES)

Otherwise,  
If R has had N or more completed pregnancies (recode COMPREG GE N), then MAROUTnn is transferred from pregnancy file recode FMAROUT5 for R’s Nth pregnancy.

Code categories:

Blank = Inapplicable  
1 = Married

- 2 = Divorced
- 3 = Widowed
- 4 = Separated
- 5 = Never married

**RMAROUTnn\*\*:** “**Informal marital status at Nth pregnancy outcome**”

RMAROUTnn is blank (inapplicable) if:

- R has been pregnant less than N times (recode PREGNUM LT N), or
- R is currently pregnant with her Nth pregnancy (recode PREGNUM EQ N and recode RCURPREG EQ YES)

Otherwise,

If R has had N or more completed pregnancies (recode COMPREG GE N), then RMAROUTnn is transferred from pregnancy file recode RMAROUT6 for R’s Nth pregnancy.

Codes categories:

- Blank = Inapplicable
- 1 = Married
- 2 = Divorced
- 3 = Widowed
- 4 = Separated
- 5 = Cohabiting
- 6 = Never married, not cohabiting

**MARCONnn\*\*:** “**Formal marital status at Nth pregnancy conception**”

MARCONnn is blank (inapplicable) if R has been pregnant less than N times (recode PREGNUM LT N).

Otherwise,

If R has had an Nth pregnancy (recode PREGNUM GE N), then MARCONnn is transferred from pregnancy file recode FMARCON5 for R’s Nth pregnancy.

Code categories:

- Blank = Inapplicable
- 1 = Married
- 2 = Divorced
- 3 = Widowed
- 4 = Separated
- 5 = Never married

**RMARCONnn:** “**Informal marital status at Nth pregnancy outcome**”

RMARCONnn is blank (inapplicable) if:

- R has been pregnant less than N times (recode PREGNUM LT N)

Otherwise,

If R has had N or more pregnancies (recode PREGNUM GE N), then RMARCONnn is transferred from pregnancy file recode RMARCON6 for R's Nth pregnancy.

Codes categories:

- Blank = Inapplicable
- 1 = Married
- 2 = Divorced
- 3 = Widowed
- 4 = Separated
- 5 = Cohabiting
- 6 = Never married, not cohabiting

**LIVCHILDnn:** “Current living arrangements of first liveborn child from Nth pregnancy”

LIVCHILDnn is blank (inapplicable) if:

- R has been pregnant less than N times (recode PREGNUM LT N), or
- R is currently pregnant with her Nth pregnancy (recode PREGNUM EQ N and recode RCURPREG EQ YES), or
- Nth pregnancy did not result in live birth (recode OUTCOMnn NE 1)

Otherwise,

if R has had N or more completed pregnancies (recode COMPREG GE N), then LIVCHILDnn is transferred from pregnancy file recode LIVCHILD for R's Nth pregnancy.

Code categories:

- Blank = inapplicable
- 1 = Child lives with R
- 2 = Child is dead
- 3 = Child lives with adoptive parents/family
- 4 = Child lives with biological father
- 5 = Child lives with other relatives
- 6 = Child's living arrangements are other or unknown

**CEBOW\*\*:** “Number of children born out of wedlock”

CEBOW is blank (inapplicable) if R has never had a live birth (recode PARITY=0).

Otherwise, CEBOW indicates the total number of children R has had out of wedlock, based on values of:

- pregnancy file recodes FMAROUT5 and OUTCOME
- pregnancy file Blaise-computed variable **nbrnlv\_s** indicating number of babies born alive from the pregnancy

*Note: CEBOW is only incremented by values >1 if nbrnlv\_s > 1, that is, if it was a multiple birth.*

*Note: Births occurring when R was legally separated (pregnancy file recode FMAROUT5=4) are counted as marital births.*

SAS Logic:

(based on pregnancy-file data sorted by case ID number and chronologically)

```
if first.caseid and OUTCOME NE 6 then CEBOW=0;
    /* initialized to 0 only if 1st pregnancy is a completed pregnancy */
if FMAROUT5 in(2,3,5) and OUTCOME=1 then do;
    if 1 LE nbrnlv_s LT 97 then CEBOW + nbrnlv_s;
end;
retain CEBOW;
if last.caseid then output CEBOW;
```

*Note: This is a recode placed on the respondent file, but it was computed based on the pregnancy file data.*

Code categories:

Blank = inapplicable

00-nn = number of children born out of wedlock

**CEBOWC\*\*:**        **“Number of children born in cohabiting unions”**

CEBOWC is blank (inapplicable) if R has never had a live birth (recode PARITY=0).

Otherwise, CEBOWC indicates the total number of children R has had during cohabiting unions, based on values of:

pregnancy file recodes RMAROUT6 and OUTCOME

pregnancy file Blaise-computed variable **nbrnlv\_s** indicating number of babies born alive from the pregnancy

*Note: CEBOWC is only incremented by values >1 if nbrnlv\_s > 1, that is, if it was a multiple birth.*

SAS Logic:

(based on pregnancy-file data sorted by case ID number and chronologically)

```
if first.caseid and OUTCOME NE 6 then CEBOWC=0;
    /* initialized to 0 only if 1st pregnancy is a completed pregnancy */
if RMAROUT6=5 and OUTCOME=1 then do;
    if 1 LE nbrnlv_s LT 97 then CEBOWC + nbrnlv_s;
end;
retain CEBOWC;
if last.caseid then output CEBOWC;
```

*Note: This is a recode placed on the respondent file, but it was computed based on the pregnancy file data.*

Code categories:

Blank = inapplicable

00-nn = number of children born in cohabiting unions

**DATBABY1\*\*:**      **“CM date of first live birth”**

DATBABY1 is blank (inapplicable) if R has never had a live birth (recode PARITY=0).

Otherwise,

DATBABY1 is equal to the pregnancy file recode DATEND for R’s first pregnancy that ended in a live birth (where recode OUTCOME first equals 1).

Code categories:

Blank = inapplicable

xxxx-nnnn = date (century month) of first live birth

**AGEBABY1\*\*:**      **“Age at first live birth”**

AGEBABY1 is blank (inapplicable) if R has never had a live birth (recode PARITY=0).

Otherwise,

AGEBABY1 is computed based on recode DATBABY1 and Blaise-computed variable **cmbirth**, which is the century-month when R was born.

$$\text{AGEBABY1} = \text{INT}(((\text{DATBABY1} - \text{cmbirth})/12)*100)$$

Code categories:

Blank = inapplicable

xxxx-4499 = age at first live birth

## **Section C: Marriage and Relationship History**

### **FMARNO\*\*:** “Number of formal (legal) marriages”

FMARNO = 0 if R has never been married (recode FMARITAL = 5).

Else, if R has ever been married (FMARITAL NE 5) then FMARNO is transferred from CA-1 TIMESMAR.

*Imputation Note:*      *Needed for cases where CA-1 TIMESMAR = DK/RF.*

Code categories:

- 0      = Never been married
- 1-5    = Number of marriages

### **CSPBIOKD:**      “Number of biological children R has had with her current spouse or cohabiting partner”

CSPBIOKD is blank (inapplicable):

- if R is not currently married or cohabiting with a male partner (recode RMARITAL NE 1 or 2), or
- if this case was interviewed earlier than Year 2 (QuestYear=1)

This variable indicates the number of biological children the married or cohabiting female respondent has ever had with her current husband or partner, regardless of these children’s current ages or living arrangements.

If R is currently cohabiting (RMARITAL=2) then CSPBIOKD is based on CC-19 BIOCP and CC-20 BIONUMCP:

If RMARITAL=2 then do;

If BIOCP in(5,8,9) or HASBABES=5 then CSPBIOKD=0;

Else if BIOCP=1 and (1 <= BIONUMCP <= 25) then CSPBIOKD=BIONUMCP;

Else if BIOCP=1 then impute CSPBIOKD;

End;

If R is currently married (RMARITAL=1) then CSPBIOKD is based on CB-18b BIOHUSBxx and CB-18c BIONUMHxx from the latest loop of the marriage history, which describes R’s current husband (i.e., where xx=TIMESMAR and TIMESMAR NE DK/RF). If R is currently married to her 1st husband and her 1st pregnancy ended after her marriage date, then CSPBIOKD is based on PARITY.

If RMARITAL=1 then do;

if hasbabes=1 and TIMESMAR=1 and (cmfstprg > cmmarrch) and biohusbx=.

then CSPBIOKD=PARITY;

else if BIOHUSBxx in(5,8,9) or HASBABES=5 then CSPBIOKD=0;

```

Else if BIOHUSBxx=1 and (1 <= BIONUMHxx <= 25) then
    CSPBIOKD=BIONUMHxx;
    /* note the typo correction here!!! Used to say BIONUMCP*/
Else if BIOHUSBxx=1 then impute CSPBIOKD;
End;

```

Code categories:

Blank = inapplicable  
0-nn = number of biological children R has had with her current husband or cohabiting partner

**MARDATnn\*\*:**      “Date of Nth marriage”

MARDATnn is blank (inapplicable) if R has been married fewer than N times (recode FMARNO LT N).

Otherwise,  
MARDATnn is transferred from Blaise-computed variable **cmarrhx** corresponding to R’s Nth husband.

Code categories:

Blank = inapplicable  
xxxx-nnnn = date (century month) of Nth marriage

**MARDISnn\*\*:**      “Date of dissolution of Nth marriage”

MARDISnn is blank (inapplicable) if:

- R has been married fewer than N times (recode FMARNO LT N); or.
- R has been married N times (FMARNO = N) and that Nth marriage is intact (recode FMARITAL = 1).

Otherwise,  
MARDISnn is transferred from the appropriate non-blank Blaise-computed variable indicating century-month when R’s Nth marriage dissolved:

- cmhsbdiex - if marriage ended when husband died.
- cmstphsxb - if marriage ended in separation, or  
if it ended in divorce/annulment but R stopped living with husband before divorce/annulment, or  
if DK/RF how it ended but valid date reported in this variable.
- cmdivorcx - if marriage ended in divorce/annulment and R did not stop living with husband prior to divorce/annulment.

*User Note:*      Consult **FEMALE RESPONDENT FILE NOTES** in Part 2 of User’s Guide for further information related to this recode.

Code categories:

Blank = inapplicable  
xxxx-nnnn = date (century month) Nth marriage ended

**MARENDnn\*\*:** “How the Nth marriage ended”

MARENDnn is blank (inapplicable) if:

- R has been married fewer than N times (recode FMARNO LT N); or.
- R has been married N times (FMARNO = N) and that Nth marriage is intact (recode FMARITAL = 1).

Otherwise,

If R has been married N times, define MARENDnn based on values of recode FMARITAL:

If FMARITAL=3, then MARENDn=1 (divorced or annulled)  
If FMARITAL=4, then MARENDn=2 (separated)  
If FMARITAL=2, then MARENDn=3 (widowed)

Else, if R has been married more than N times (FMARNO GT N), define MARENDn based on responses to CB-19 MARENDHx corresponding to the Nth marriage:

*(note that separation is not possible for MARENDnn if FMARNO GT N.)*

If MARENDHx=2 or 3, then MARENDn=1 (divorced or annulled)  
If MARENDHx=1, then MARENDn=3 (widowed)

*User Note: Consult FEMALE RESPONDENT FILE NOTES in Part 2 of User’s Guide for further information related to this recode.*

*Imputation Note: Imputed for cases with DK/RF values on CB-19 MARENDHx.*

Code categories:

Blank = inapplicable  
1 = Divorced or annulled  
2 = Separated  
3 = Widowed

**FMAR1AGE\*\*:** “Age at first marriage”

FMAR1AGE is blank (inapplicable) if R has never been married (recode FMARITAL = 5).

Otherwise,

FMAR1AGE is computed as follows:

FMAR1AGE= INT[(MARDAT01 - cmbirth)/12]

Code categories:

Blank = inapplicable  
xx-nn = age (in years) at first marriage

**AGEDISS1\*\*:** “Age at dissolution of first marriage”

AGEDISS1 is blank (inapplicable) if:

- R has never been married (recode FMARITAL = 5) or
- R’s first marriage is intact (recode FMARNO = 1 and FMARITAL = 1)

Otherwise,

AGEDISS1 is computed as follows:

$$\text{AGEDISS1} = \text{INT}[(\text{MARDIS01} - \text{cmbirth})/12]$$

Code categories:

Blank = inapplicable  
xx-nn = age (in years) at dissolution of first marriage

**AGEDD1\*\*:** “Age at divorce or death: 1st marriage”

AGEDD1 is blank (inapplicable) if:

- R has never been married (recode FMARITAL = 5) or
- R’s first marriage is intact (recode FMARNO = 1 and FMARITAL = 1) or
- R’s first marriage dissolved by separation only (FMARNO = 1 and FMARITAL = 4).

Otherwise,

AGEDD1 = AGEDISS1:

- If R’s first marriage ended in widowhood (recode MAREND01=3); or
- If R’s first marriage ended in divorce or annulment (recode MAREND01=1) and the date of divorce (Blaise-computed variable **cmdivorcx**) LE date when R last lived with her first husband (Blaise-computed variable **cmstphsbx**).

AGEDD1 = INT[(cmdivorcx - cmbirth)/12]:

- If R’s first marriage ended in divorce or annulment (recode MAREND01=1) and the date of divorce (cmdivorcx) GT date when R last lived with her first husband (cmstphsbx).  
*(For these cases AGEDISS1 captures date when coresidence ended, and AGEDD1 captures date when formal marital dissolution occurred.)*

Code categories:

Blank = inapplicable  
xx-nn = age (in years) when 1st marriage ended in divorce or widowhood

**MAR1DISS\*\*:**        **“Months between first marriage and dissolution of first marriage (or interview)”**

MAR1DISS is blank (inapplicable) if R has never been married (recode FMARITAL = 5).

OTHERWISE:

MAR1DISS = cmintvw - MARDAT01

if R’s first marriage is still intact (FMARNO = 1 and FMARITAL = 1).

Else, MAR1DISS = MARDIS01 - MARDAT01:

- If R has been married more than once (recode FMARNO GT 1); or
- If R has been married only once (FMARNO = 1) and the marriage is NOT intact (FMARITAL = 2, 3, or 4).

*User Note: If R stopped living with her 1st husband before her divorce or annulment became final, recall that date of dissolution (MARDIS01) is defined as the date when she last lived with him. If you wish to examine months between first marriage and divorce/annulment date, subtract MARDAT01 from Blaise-computed variable cmdivorc1.*

*Imputation Note: Computed based on imputed values of source recodes.*

Code categories:

- Blank = inapplicable
- 000 = less than 1 month
- 001-999 = months between 1st marriage and dissolution (or interview)

**DD1REMAR\*\*:**        **“Months between divorce or death (first marriage) and remarriage (or interview)”**

DD1REMAR is blank (inapplicable) if:

- R has never been married (recode FMARITAL = 5); or
- R’s first marriage is intact (recode FMARNO = 1 and FMARITAL = 1); or
- R’s first marriage ended in separation only (FMARNO = 1 and MAREND01 = 2).

OTHERWISE,

DD1REMAR = cmintvw - cmdivorcx:

If R has been married only once (FMARNO = 1) and her first marriage ended in divorce or annulment (FMARITAL = 3).

Else, DD1REMAR = cmintvw - cmhsbdiex:

If R has been married only once (FMARNO = 1) and her first marriage ended in widowhood (FMARITAL = 2).

Else, DD1REMAR = MARDAT02 - cmdivorcx:

If R has been married more than once (FMARNO GT 1) and her first marriage ended in divorce or annulment (MAREND01 = 1).

Else, DD1REMAR = MARDAT02 - cmhsbdiex:

If R has been married more than once (FMARNO GT 1) and her first marriage ended in widowhood (MAREND01 = 3).

*Imputation Note:* Computed based on imputed values of source recodes.

Code categories:

Blank	= inapplicable
000	= less than one month
001-999	= months between end of 1st marriage and remarriage (or interview)

**MAR1BIR1\*\*:** “Months between first marriage and first birth or date of interview”

MAR1BIR1 is blank (inapplicable) if R has never been married (recode FMARITAL = 5) and has never had a live birth (recode PARITY = 0).

OTHERWISE:

MAR1BIR1 = cmintvw - MARDAT01

If R has ever been married (FMARITAL NE 5), but has not had a live birth (PARITY = 0).

Else, MAR1BIR1 = DATBABY1 - MARDAT01

If R has ever been married (FMARITAL NE 5) AND has had a live birth (PARITY GT 0) AND the date of her first live birth is equal to or later than the date of her first marriage (recode DATBABY1 GE MARDAT01).

Else, MAR1BIR1 = 888

- If R has never been married (FMARITAL = 5), but has had a live birth (PARITY GT 0);  
or
- If R has ever been married (FMARITAL NE 5) AND has had a live birth (PARITY GT 0) AND the date of her first live birth is earlier than the date of her first marriage (DATBABY1 LT MARDAT01).

*Imputation Note:* Computed based on imputed values of source recodes.

Code categories:

Blank	= inapplicable
000	= less than 1 month
001-999	= months between 1st marriage and 1st birth (or interview date)
888	= 1st birth occurred before 1st marriage

**MAR1CON1\*\*:**      **“Months between first marriage and first conception or interview date”**

MAR1CON1 is blank (inapplicable) if R has never been pregnant (recode PREGNUM = 0) and has never been married (recode FMARITAL = 5).

OTHERWISE:

MAR1CON1 = 996 if R has ever been pregnant (PREGNUM GT 0) but has never been married (FMARITAL = 5).

If R has ever been pregnant (PREGNUM GT 0) and has ever been married (FMARITAL NE 5), then:

If the date of first conception is less than the date of first marriage (recode DATCON01 LT recode MARDAT01), then first conception occurred before marriage, and MAR1CON1 = 995.

If the date of first conception is equal to or greater than the date of first marriage (DATCON01 GE MARDAT01), then MAR1CON1 = (DATCON01 - MARDAT01).

If R has never been pregnant (PREGNUM = 0) but has ever been married (FMARITAL NE 6), then MAR1CON1 = cmintvw - MARDAT01.

*Imputation Note:*      *Computed based on imputed values of source recodes.*

Code categories:

- Blank = inapplicable
- 000 = less than 1 month
- 001-999 = months between 1st marriage and 1st conception (or interview)
- 995 = 1st conception occurred before 1st marriage
- 996 = has been pregnant, but has never been married

**CON1MAR1\*\*:**      **“Months between first conception and first marriage or interview date”**

CON1MAR1 is blank (inapplicable) if R has never been pregnant (recode PREGNUM = 0) and has never been married (recode FMARITAL = 5).

If R has ever been pregnant (PREGNUM GT 0) and has ever been married (FMARITAL NE 5), then:

if the date of first marriage is the same or earlier than the date of first conception (recode MARDAT01 LE recode DATCON01), then first conception occurred after or in the same month as first marriage, and CON1MAR1 = 995.

if the date of first marriage is later than the date of first conception (MARDAT01 GT

DATCON01), then CON1MAR1 = (MARDAT01 - DATCON01).

If R has ever been pregnant (PREGNUM GT 0) but has never been married (FMARITAL = 5), then CON1MAR1 = (cmintvw - DATCON01).

If R has never been pregnant (PREGNUM = 0) but has ever been married (FMARITAL NE 5), then CON1MAR1 = 996.

*Imputation Note:* Computed based on imputed values of source recodes.

Code categories:

Blank = inapplicable  
000 = less than 1 month  
001-999 = months between 1st conception and 1st marriage (or interview)  
995 = 1st conception after or in same month as 1st marriage  
996 = has been married, but has never been pregnant

**B1PREMAR\*\*:** “Whether R’s first birth was premarital”

B1PREMAR is blank (inapplicable) if R has never had a live birth (recode PARITY=0).

Otherwise:

B1PREMAR=1 (yes) if: --R has never been married (recode FMARITAL=5), or  
--respondent file recode DATBABY1 < recode MARDAT01

B1PREMAR=2 (no) if: DATBABY1 >= MARDAT01

*Note:* If users wish to limit to respondents who have ever been married, they should subset cases with FMARITAL NE 5.

Code categories:

Blank = inapplicable  
1 = yes (1st birth before 1st marriage)  
2 = no (1st birth in same month as or later than 1st marriage)

**COHEVER\*\*:** “Whether R ever cohabited outside of marriage”

Values of Blaise-computed variable **evrcohab** are used to determine values of COHEVER, which indicates any cohabitation experience, either premaritally or with a partner whom R never married. See Flow Check C-32 in CRQ for definition of evrcohab.

*User Note:* This recode has no inapplicable category. If you wish to limit analysis of cohabitation to those who have ever had intercourse, use SEXEVER or HADSEX, depending on the manner in which you wish to handle the timing of first intercourse relative to menarche.

Code categories:

- 1 = Yes, ever cohabited (lived with a man outside of marriage)
- 2 = No, never cohabited (lived with a man outside of marriage)

**EVMARCOH\*\*:** “Whether R ever married or cohabited”

Recodes FMARITAL and COHEVER are used to define EVMARCOH.

SAS Logic:

If FMARITAL NE 5 or COHEVER = 1 then EVMARCOH = 1;  
Else EVMARCOH = 2;

*Imputation Note:* Imputed based on imputed values of source recodes.

Code categories:

- 1 = Yes, ever married or cohabited
- 2 = No, never married or cohabited

**PMARRNO:** “Number of premarital cohabitations”

-- PMARRNO is initialized to 0 and increased by one for each premarital cohabitation (CB-5 LIVTOGHX =1).

SAS logic:

```
array PCOH [6] LVTOGHX LVTOGHX2-LVTOGHX6;  
pmarrno=0;  
pmarmiss=0;  
do i=1 to fmarno;  
if PCOH[i]=1 then PMARRNO=PMARRNO+1;  
if pcoh[i] in (8,9) then pmarmiss=pmarmiss+1;  
end;  
if pmarmiss GT 0 then pmarrno=-1; /*flag to be imputed*/
```

*Imputation Note:* Impute when CB-5 LIVTOGHX[X] = DK/RF. PMARRNO must be constrained to be LE FMARNO.

Code categories:

0-n = number of premarital cohabiting partners

**NONMARR:** “Number of nonmarital cohabitations (i.e., cohabitations not ending in marriage)”

-- NONMARR = 0  
if R has never cohabited (evrcohab=5)  
or if R has never lived with a man and is not currently cohabiting or living with a male

partner [(CD-1 LIVEOTH = 5) and (RMARITAL NE 2)]

Else,

-- NONMARR = (prevcohb + 1)  
if R is currently cohabiting (RMARITAL=2)

Else,

-- NONMARR = prevcohb  
if R is not currently cohabiting (RMARITAL NE 2)

SAS logic:

```
nonmarr=.;  
if hmothmen not in (98,99) and liveoth not in (8,9) then do;  
  
if (evrcohab=5) or ((liveoth =5) and (RMARITAL NE 2))then  
nonmarr=0;  
else if (RMARITAL=2) then nonmarr=prevcohb + 1;  
else if (RMARITAL NE 2) then nonmarr=prevcohb;  
end;  
if hmothmen in (98,99) or liveoth in (8,9) then nonmarr = -1;  
/*flag to be imputed*/
```

*Imputation Note:* Imputed if CD-2 HMOTHMEN is DK/RF OR CD-1 LIVEOTH is DK/RF

Code categories:

0-n = number of nonmarital cohabiting partners

### **TIMESCOH: “Total number of cohabitations”**

-- TIMESCOH = recode PMARRNO + recode NONMARR

SAS logic:

```
if pmarrno GE 0 and nonmarr GE 0 then do;  
timescoh=pmarrno+nonmarr;  
end;  
if pmarrno LT 0 or nonmarr LT 0 then timescoh = -1; /*flag to be  
imputed*/  
run;
```

*Imputation Note:* TIMESCOH is based upon imputed values PMARRNO and NONMARR.

Code categories:

0-n = total number of cohabiting partners ever

### **COHAB1\*\*:** “Date of first cohabitation (including premarital cohabitation)”

COHAB1 is blank (inapplicable) if R has never cohabited outside of marriage (COHEVER=2).

OTHERWISE,

COHAB1 is the earliest, nonmissing date from among:

- cmprmcohx - CM when R began premarital cohabitation with X-order husband (*note: unlikely that premarital cohabitation with 2nd+ order husband would be earlier than premarital cohabitation with 1st husband, but must check all dates to be sure.*)
- cmstrtcp - CM when R began living with current cohabiting partner
- cmcohstx - CM when R began living with all other cohabiting partners (up to total number of previous cohabiting partners, given by Blaise-computed variable **prevcohb**) (*we need to check more than the 1st former cohabiting partner start dates because R may not have reported her former partners chronologically.*)

Code categories:

- Blank = inapplicable
- xxxx-nnnn = date (century month) of first cohabitation

**COHSTAT\*\*:**        **“Cohabitation experience relative to first marriage”**

COHSTAT = 1        if R has never cohabited (recode COHEVER = 2).

Else

COHSTAT = 2        --        if R has never been married (recode FMARITAL = 5) but has cohabited (COHEVER =1); or  
                      --        if R has ever been married (FMARITAL NE 5) and has cohabited (COHEVER =1) and date of first cohabitation (recode COHAB1) is same as or earlier than date of first marriage (recode MARDAT01).

Else

COHSTAT = 3        if R has ever been married (FMARITAL NE 5) and has cohabited (COHEVER =1) and date of first cohabitation is greater than date of first marriage (COHAB1 GT MARDAT01).

SAS Logic:

```
If COHEVER = 2 then COHSTAT = 1;  
Else if (FMARITAL=6 and COHEVER=1) or (FMARITAL NE 5 and COHEVER=1 and  
      COHAB1 LE MARDAT01) then COHSTAT = 2;  
Else if (FMARITAL NE 5 and COHEVER=1 and COHAB1 > MARDAT01) then  
      COHSTAT = 3;
```

Code categories:

- 1 = never cohabited outside of marriage
- 2 = first cohabited before first marriage
- 3 = first cohabited after first marriage

**COHOUT\*\*:**        **“Outcome of first cohabitation”**

COHOUT is blank (inapplicable) if R has never cohabited outside of marriage (recode

COHEVER = 2).

COHOUT = 1

if R is currently cohabiting and her first cohabitation is intact (recode RMARITAL = 2 and recode COHAB1 came from cmstrtcp). (*Blaise-computed variable cmstrtcp indicates start of cohabitation with current partner.*)

Else COHOUT = 2

if R is currently married to her first cohabitation partner (RMARITAL=1 and the date of her first cohabitation COHAB1 came from cmpmcohx or cmpmcohx2-cmpmcohx6 corresponding to her most recent marriage; for example, COHAB1=cmpmcohx if FMARNO=1, COHAB1=cmpmcohx2 if FMARNO=2, etc.). (*Blaise-computed variables cmpmcohx and cmpmcohx2-cmpmcohx6 indicates CM start dates of premarital cohabitation with 1st-6th husbands.*)

Else COHOUT = 3

if R is not currently married (RMARITAL NE 1) and the outcome of R's first cohabitation is a marriage that dissolved (COHAB1 came from cmpmcohx or cmpmcohx2-cmpmcohx6, and FMARITAL = 2, 3, or 4); or if R is married but not for first time (RMARITAL=1 and FMARNO>1) and her first cohabitation was with a former husband (COHAB1 came from cmpmcohx or cmpmcohx2-cmpmcohx6).

Else COHOUT = 4

if the outcome of R's first cohabitation is dissolution without marriage (COHAB1 came from cmcohstx or cmcohstx2-cmcohstx8). (*Blaise-computed variables cmcohstx and cmcohstx2-cmcohstx8 indicate CM start dates of cohabitation with X-order former cohabiting partner. See specs for COHAB1 for reason why we don't just look at 1st partner reported.*)

Code categories:

Blank	=	inapplicable
1	=	intact cohabitation
2	=	intact marriage
3	=	dissolved marriage
4	=	dissolved cohabitation

**COH1DUR\*\*:**        **“Duration (in months) of R’s first cohabitation”**

COH1DUR is blank (inapplicable) if R has never cohabited (recode COHEVER=no).

Otherwise,

COH1DUR = number of months between recode COHAB1 and appropriate end date from below:

- Blaise-computed **cmintvw** if 1st cohabitation is intact (recode COHOUT=1)
- or -- appropriate recode among MARDAT01-MARDAT06 if 1st cohabitation resulted in marriage, whether intact or dissolved marriage (COHOUT=2 or 3)
- or -- end date of 1st cohabitation (Blaise-computed cmstpcohx or cmstpcohx2-cmstpcohx8, depending on which former cohabiting partner was her first) if 1st cohabitation dissolved (COHOUT=4)

*Note: In cases where COHOUT=2 or 3 (1st cohabitation resulted in marriage), COH1DUR indicates duration of premarital cohabitation. Users may wish to subset cases based on value of COHOUT, the recode indicating outcome of R's first cohabitation.*

Code categories:

Blank = inapplicable  
0 = Less than 1 month  
1-nn = number of months

**HADSEX\*\*:**           **“Whether R has ever had sexual intercourse with a male”**

HADSEX = rhadsex

Values of Blaise-computed variable rhadsex are used to determine values of HADSEX (see Flow Checks C-42 and C-44 for the definition of rhadsex).

Code categories:

1 = Yes, R ever had intercourse  
2 = No, R never had intercourse

**SEXEVER\*\*:**           **“Whether R has ever had sexual intercourse with a male since first menstrual period”**

SEXEVER=1 (yes) if:

- R's first intercourse occurred *after* her first menstrual period (pre-imputation recode VRY1STAG GT BA-1 MENARCHE or CG-8 WHICH1ST = 2), or
- R's first intercourse occurred *before* her first menstrual period (pre-imputation recode VRY1STAG LT BA-1 MENARCHE or CG-8 WHICH1ST = 1, ., 8, or 9) but she did have intercourse after menarche (CG-9 SEXAFMEN=1 or cmsexafm < 9996 or CG-11 AGESXAFM<98). (*Blaise-computed variable cmsexafm indicates century-month when R first had sex after menarche if her first sex was before menarche.*)

SEXEVER=2 (no) if:

- R has not yet had her first menstrual period (BA-1 MENARCHE = 96); or
- R has never had sexual intercourse at all (recode HADSEX = 2); or
- R's first intercourse occurred before menarche (pre-imputation recode VRY1STAG LT BA-1 MENARCHE or CG-8 WHICH1ST = 1, ., 8, 9), and she did *not* have intercourse after menarche (CG-9 SEXAFMEN=5 or cmsexafm = 9996).

Code categories:

1 = Yes, R has had sexual intercourse after her 1st menstrual period  
2 = No, R has not had first menstrual period, has not had sexual intercourse at all, or has not had sexual intercourse since her 1st menstrual period

**VRY1STAG\*\*:** “Age at first intercourse (even if before first menstrual period)”

VRY1STAG is blank (inapplicable) if R has never had intercourse (recode HADSEX=2).

OTHERWISE,

If CE-4 AGEFSTSX is not missing (AGEFSTSX LT 98), then:

VRY1STAG = AGEFSTSX

Else,

if CE-4 AGEFSTSX is missing (AGEFSTSX = 98 or 99) and R reported a valid date of first sex (cmfstsex LT end of data collection period), then:

VRY1STAG = INT((cmfstsex - cmbirth)/12) *(Blaise-computed variable cmfstsex indicates CM of 1st sex)*

Else,

if CE-4 AGEFSTSX = DK or RF and cmfstsex is DK or RF, then estimate VRY1STAG as follows:

If R was between 15 and 18 at first intercourse (CE-5 C\_SEX18 = 1 and CE-6 C\_SEX15 = 2), then VRY1STAG=16.

If R was between 18 and 20 at first intercourse (CE-5 C\_SEX18 = 2 and CE-7 C\_SEX20 = 1), then VRY1STAG=19.

*Imputation Notes:* -- Imputation needed for cases with DK or RF on CE-5 C\_SEX18, CE-6 C\_SEX15, or CE-7 C\_SEX20 (who also have AGEFSTSX=DK/RF and cmfstsex=DK/RF).  
-- Some cases may have valid data on C\_SEX18, C\_SEX15 and/or C\_SEX20, but still designated for imputation because the criteria for the combination specified above was not met. These were used to guide imputation.

Code categories:

Blank = inapplicable  
00 = less than a year old  
01 - 44 = 1 - 44 years old

**SEX1AGE\*\*:** “Age at first intercourse since first menstrual period”

SEX1AGE is blank (inapplicable) if R has never had intercourse at all (recode HADSEX=2) or if she has never had intercourse since first menstrual period (recode SEXEVER=2) or she has not had first menstrual period (BA-1 MENARCHE=96).

OTHERWISE, for all Rs who have had sexual intercourse since menarche (SEXEVER=1):

If her first intercourse occurred after her first menstrual period (recode VRY1STAG GT BA-1 MENARCHE or CG-8 WHICH1ST=2), then:

SEX1AGE = recode VRY1STAG

Else, if her first intercourse was before her first menstrual period (recode VRY1STAG LT BA-1 MENARCHE or CG-8 WHICH1ST=1), then:

If CG-11 AGESXAFM is not missing (AGESXAFM LT 98), then:

SEX1AGE = CG-11 AGESXAFM

Else, if CG-11 AGESXAFM is missing (AGESXAFM GE 98) and R reported a valid date of first sex after menarche (cmsexafm LT end of data collection period), then:

SEX1AGE = INT((cmsexafm - cmbirth)/12) (*Blaise-computed variable  
cmsexafm indicates CM of 1st  
sex since menarche*)

Else, if CG-11 AGESXAFM = DK or RF and cmsexafm is DK or RF, then estimate SEX1AGE as follows:

If R was between 15 and 18 at first intercourse after menarche (CG-12 AFMEN18 = 1 and CG-13 AFMEN15 = 2), then SEX1AGE=16.

If R was between 18 and 20 at first intercourse after menarche (CG-12 AFMEN18 = 2 and CG-14 AFMEN20 = 1), then SEX1AGE=19.

*Imputation Note*

*Imputation needed for cases with BA-1 MENARCHE=DK/RF, or (AGEFSTSX=DK/RF and cmfstsex=DK/RF, who also have DK or RF on CG-12 AFMEN18, CG-13 AFMEN15, and CG-14 AFMEN20), or have a combination of values on AFMEN18, AFMEN15, and AFMEN20 that do not permit estimation. If the latter is true, any available information on AFMEN18, AFMEN15, or AFMEN20 is used to guide imputation. Imputation also needed for cases with cmsexafm < menarche and no further information available in AFMEN15, AFMEN18, and AFMEN20.*

Code categories:

BLANK = inapplicable  
00 = less than a year old  
01 - 44 = 1 - 44 years old

**VRY1STSX\*\*:** “Date of first intercourse (even if before first menstrual period)”

VRY1STSX is blank (inapplicable) if R has never had sexual intercourse at all (recode HADSEX = 2).

Otherwise,

VRY1STSX = cmfstsex

Values of Blaise-computed variable cmfstsex are used to determine values of VRY1STSX (see Flow Check C-44 for the definition of cmfstsex).

*Note: Consult **FEMALE RESPONDENT FILE NOTES** in Part 2 of the User's Guide for further details on code "9996."*

*Imputation Note: Needed for cases where cmfstsex = DK or RF*

Code categories:

Blank	= inapplicable
xxxx-nnnn	= CM date of first intercourse
9996	= responded she never had intercourse

**DATESEX1\*\*:**      **"Date of first intercourse after first menstrual period"**

DATESEX1 is blank (inapplicable) if R has never had intercourse at all (recode HADSEX=2) or if she has never had intercourse since first menstrual period (recode SEXEVER=2).

If R has not had her first menstrual period (BA-1 MENARCHE = 96) but has had intercourse (recode HADSEX=1), then DATESEX1 = 9595.

*OTHERWISE, for all Rs who have had sexual intercourse since menarche (SEXEVER=1):*

If her first intercourse occurred after her first menstrual period (recode VRY1STAG GT BA-1 MENARCHE or CG-8 WHICH1ST=2), then:

DATESEX1 = VRY1STSX

Else, if her first intercourse was before her first menstrual period (cmsexafm not equal to system-missing, 9998 or 9999) and (recode VRY1STAG LT BA-1 MENARCHE or CG-8 WHICH1ST=1 or SEXAFMEN=1), then:

DATESEX1 = cmsexafm  
*(Values of Blaise-computed variable cmsexafm are used to determine values of DATESEX1 -- see Flow Check C-60 for the definition of cmsexafm).*

*Imputation Note: Imputation needed for cases where cmsexafm = DK or RF. A slight change beginning in Year 1 of 2006-2010 results in the questions going into cmsexafm being asked even when WHICH1ST is sysmis/DK/RF, therefore possibly resulting in a valid value on DATESEX1.*

Code categories:

Blank	= inapplicable
xxxx-nnnn	= CM date of first intercourse after menarche
9595	= never had a menstrual period but has had intercourse

**SEXONCE\*\*:**        **“Whether R has had sex only once”**

SEXONCE is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX=no).

Otherwise:

SEXONCE=1 (R has had sex only once) if CE-9 SXMTONCE=5 (no).

SEXONCE=2 (R has had sex more than once) if:

- R has ever been married or ever cohabited (recode EVMARCOH=1) or
- R reported that she has had sex more than once (CE-9 SXMTONCE=1)

*Imputation Note:*        *Imputation needed for cases with CE-9 SXMTONCE = DK or RF.*

Code categories:

- Blank = inapplicable
- 1 = Yes (R has had sex only once)
- 2 = No (R has had sex more than once)

**FSEXPAGE\*\*:**        **“Age of R’s 1<sup>st</sup> sexual partner at time of R’s 1<sup>st</sup> sex”**

FSEXPAGE is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX=2).

Otherwise:

If R is 18 or older (Blaise-computed variable age\_r GE 18) then:

    If CG-4 FPAGE NE DK/RF then FSEXPAGE=CG-4 FPAGE

Else if R is under age 18 (Blaise-computed variable age\_r LT 18) then:

    If JD-3 AGEVAGM NE DK/RF then FSEXPAGE=JD-3 AGEVAGM

Else if R is 18 or older (age\_r GE 18) and CG-4 FPAGE=DK/RF then:

    [If partner was 1-2 years older, add 2 years to R’s age at 1st sex and flag with leading 9]

    if (CG-4b FPRELAGE=1 and CG-4c FPRELYRS=1) then

    FSEXPAGE=(VRY1STAG + 2) + 900

    [If partner was 3-5 years older, add 4 years to R’s age at 1st sex and flag with leading 9]

    if (CG-4b FPRELAGE=1 and CG-4c FPRELYRS=2) then

    FSEXPAGE=(VRY1STAG + 4) + 900

    [If partner was 6-10 years older, add 8 years to R’s age at 1st sex and flag with leading 9]

    if (CG-4b FPRELAGE=1 and CG-4c FPRELYRS=3) then

    FSEXPAGE=(VRY1STAG + 8) + 900

    [If partner was more than 10 years older, add 10 years to R’s age at 1st sex and flag with leading 9]

    if (CG-4b FPRELAGE=1 and CG-4c FPRELYRS=4) then

FSEXPAGE=(VRY1STAG + 10) + 900

[If partner was 1-2 years younger, subtract 2 years from R's age at 1st sex and flag with leading 9]

if (CG-4b FPRELAGE=2 and CG-4c FPRELYRS=1) then

FSEXPAGE=(VRY1STAG - 2) + 900

[If partner was 3-5 years younger, subtract 4 years from R's age at 1st sex and flag with leading 9]

if (CG-4b FPRELAGE=2 and CG-4c FPRELYRS=2) then

FSEXPAGE=(VRY1STAG - 4) + 900

[If partner was 6-10 years younger, subtract 8 years from R's age at 1st sex and flag with leading 9]

if (CG-4b FPRELAGE=2 and CG-4c FPRELYRS=3) then

FSEXPAGE=(VRY1STAG - 8) + 900

[If partner was more than 10 years younger, subtract 10 years from R's age at 1st sex and flag with leading 9]

if (CG-4b FPRELAGE=2 and CG-4c FPRELYRS=4) then

FSEXPAGE=(VRY1STAG - 10) + 900

[If partner was the same age as the R, set FSEXPAGE to R's age at 1st sex and flag with leading 9]

if CG-4b FPRELAGE=3 then FSEXPAGE=VRY1STAG + 900

*User Note: Data are missing for respondents aged 15-17 who have ever been pregnant, ever married, or ever cohabited. Consult **FEMALE RESPONDENT FILE NOTES** in Part 2 of the User's Guide for further information. Users may wish to use data from respondents aged 18 and older, whose first sex was at age 17 or younger, as a supplement for this information.*

Code categories:

Blank =inapplicable

xx-nn =partner's age at first sexual intercourse

9xx-9nn=partner's age at first sexual intercourse, estimated

**FPDUR: "Number of months between first and last/most recent sexual intercourse with first partner ever"**

FPDUR is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX=2).

Else if Blaise-computed variable cmlsexfp (Flow check C-57) not sysmis, 9998, or 9999 then:

If cmlsexfp=9996 then FPDUR=997

Else FPDUR = cmlsexfp minus VRY1STSX

*Imputation note: Imputation needed if inputs are missing and also computed based on imputed values of VRY1STSX.*

Code categories:

Blank = Inapplicable  
0 – nnn = number of months  
997 = only had sex once with partner

**SEXMAR\*\*:** “Months between first intercourse (even if before first menstrual period) and first marriage (or interview)”

SEXMAR is blank (inapplicable) if R has never had intercourse at all (recode HADSEX=2).

Otherwise,

SEXMAR is the number of months between “the end of the interval” and the date of first intercourse (recode VRY1STSX). The end of the interval is defined as follows:

if R has never been married (recode FMARITAL = 5), use cmintvw

$SEXMAR = CMINTVW - VRY1STSX$

if R has ever been married (FMARITAL NE 5), use recode MARDAT01

if date of first intercourse was *before or same as* date of first marriage then  
SEXMAR = MARDAT01 minus VRY1STSX.

(if VRY1STSX LE MARDAT01 then SEXMAR = MARDAT01 - VRY1STSX)

if date of first intercourse was *after* date of first marriage then SEXMAR=996

(if VRY1STSX GT MARDAT01 then SEXMAR=996)

Code categories:

Blank = inapplicable  
000 = first intercourse in same month as marriage  
001-nnn = 1 to nnn months after first intercourse  
996 = first intercourse after first marriage

**SEX1FOR\*\*:** “Months between first intercourse after first menstrual period and first marriage (or interview)”

SEX1FOR is blank (inapplicable) if R has never had intercourse at all (recode HADSEX=2) or if she has never had intercourse since first menstrual period (recode SEXEVER=2).

Otherwise, for Rs who have had intercourse since menarche (SEXEVER=1):

If her first intercourse occurred after her first menstrual period (recode VRY1STAG GT BA-1 MENARCHE or CG-8 WHICH1ST=2), then:

$SEX1FOR = SEXMAR$

Else, if her first intercourse was before her first menstrual period (cmsexafm not equal to

system-missing, 9998 or 9999) and (recode VRY1STAG LT BA-1 MENARCHE or CG-8 WHICH1ST=1 or SEXAFMEN=1), then:

SEX1FOR is the number of months between “the end of the interval” and the date of first intercourse since menarche (recode DATESEX1). The end of the interval is defined as follows:

if R has never been married (recode FMARITAL = 5), use cmintvw:  
SEX1FOR=cmintvw-DATESEX1

if R has ever been married (FMARITAL NE 5), use recode MARDAT01:  
if date of first intercourse after menarche was *before or same as*  
date of first marriage then SEX1FOR = MARDAT01 minus  
DATESEX1  
(if DATESEX1 LE MARDAT01 then SEX1FOR =  
MARDAT01 – DATESEX1)

if date of first intercourse after menarche was *after* date of first  
marriage then SEX1FOR=996  
(if DATESEX1 GT MARDAT01 then SEX1FOR=996)

Code categories:

Blank = inapplicable  
000 = first intercourse after menarche was in same month as marriage  
001 to nnn = 1 to nnn months after first intercourse after menarche  
996 = first intercourse after menarche was after first marriage

**SEXUNION:** “Months between first intercourse (even if before first menstrual period) and first coresidential union (or interview)”

SEXUNION is blank (inapplicable) if R has never had intercourse at all (recode HADSEX=2).

Otherwise,

SEXMAR is the number of months between “the end of the interval” and the date of first intercourse (recode VRY1STSX). The end of the interval is the earliest, valid date amongst the date of 1<sup>st</sup> marriage, the date of 1<sup>st</sup> cohabitation outside of marriage, and the date of interview.

If R has never been married (recode FMARITAL = 5) and never cohabited (COHEVER=2), SEXUNION is based on interval between 1<sup>st</sup> sexual intercourse and the interview:

SEXUNION=CMINTVW-VRY1STSX

Else, if R has ever been married (FMARITAL NE 5) but has never cohabited outside of marriage (COHEVER=2), SEXUNION is equal to SEXMAR value:

SEXUNION=SEXMAR

Else, if R has never been married (FMARITAL=5) but has ever cohabited outside of marriage (COHEVER=1), SEXUNION is based on the interval between 1<sup>st</sup> sexual intercourse and 1<sup>st</sup> cohabitation:

If COHAB1 < VRY1STSX, then set SEXUNION=996 (*1st intercourse occurred later than 1st cohabitation*).

Else, SEXUNION=COHAB1-VRY1STSX

Else, if R has ever been married (FMARITAL NE 5), has ever cohabited outside of marriage (COHEVER=1), and 1<sup>st</sup> cohabitation began *before* 1<sup>st</sup> marriage (COHSTAT=2):

If COHAB1 < VRY1STSX, then set SEXUNION=996 (*1st intercourse occurred later than 1st cohabitation*).

Else, SEXUNION=COHAB1-VRY1STSX

Else, if R has ever been married (FMARITAL NE 5), has ever cohabited outside of marriage (COHEVER=1), and 1<sup>st</sup> cohabitation began *after* 1<sup>st</sup> marriage (COHSTAT=3):

SEXUNION=SEXMAR

*Suggested SAScode:*

If hadsex=2 then sexunion=.;

Else if fmarital=5 and cohever=2 then sexunion=cmintvw-vry1stsx;

Else if fmarital NE 5 and (cohever=2 or cohstat=3) then sexunion=sexmar;

Else if (fmarital=5 and cohever=1) or (fmarital NE 5 and cohstat=2) then do;

    if cohab1 GE vry1stsx then sexunion=cohab1-vry1stsx;

    else if cohab1 LT vry1stsx then sexunion=996;

end;

*Imputation Note:*      *Computed based on imputed values of source recodes.*

Code categories:

Blank =            inapplicable

000 =            first intercourse in same month as marriage or cohabitation

001-nnn =        1 to nnn months after first intercourse

996 =            first intercourse after first marriage or cohabitation

**SEXOUT:**            **“Outcome of first sexual intercourse”**

SEXOUT is blank (inapplicable) if R has never had sexual intercourse with a male partner (recode HADSEX = 2).

Else SEXOUT = 1

if R is currently cohabiting with her first sexual partner (recode RMARITAL = 2 and CG-3 WHOFSTPR=8, current cohabiting partner).

Else SEXOUT = 2

if R is currently married to her first sexual partner (RMARITAL=1 and CG-3 WHOFSTPR=7, current husband).

Else SEXOUT = 3

if R is not currently married (RMARITAL NE 1) and CG-3 WHOFSTPR in (1 2 3 4 5 6 7, any former or separated husband). (including code 7 to cover cases where R is separated from this husband – not strictly “dissolved” but not “intact” either)

Else SEXOUT = 4

if the outcome of R’s first sexual intercourse is a cohabitation that dissolved without marriage (CG-3 WHOFSTPR in(9 10 11 12), any of up to 4 former cohabiting partners to whom R was never married).

Else SEXOUT = 5

If R’s first sexual partner was never a husband or a cohabiting partner (CG-3 WHOFSTPR=20 or CG-2 SAMEMAN = 5, DK, RF, or sysmis).

*Imputation note: Imputed if CG-3 WHOFSTPR=DK/RF.*

Code categories:

Blank	=	inapplicable
1	=	intact cohabitation
2	=	intact marriage
3	=	dissolved marriage
4	=	dissolved cohabitation
5	=	never married or cohabited with 1 <sup>st</sup> sexual partner

**RELATP1-3: “Relationship at first sexual intercourse with (most recent / second-to-last / third-to-last) sexual partner (in the past 12 months)”** (new for Cycle 7)

Most recent partner:

RELATP1 is blank (inapplicable) if R had no partners in the past 12 months (PARTS1YR = 0 or sysmis).

If R’s most recent partner was R’s first partner ever:

(LIFEPR1=1 or MATCHFP=1 or p1yrelp=13 or (p1yrelp=7 and CG-2 SAMEMAN=1 and CA-1 TIMESMAR=1) or (p1yrelp=8 and CG-2 SAMEMAN=1 and TIMESCOH=1))

then if there is a valid response to relationship at first sex with R’s first partner ever (CG-5 KNOWFP ne ., dk, rf):

RELATP1=CG-5 KNOWFP

Else if R’s most recent partner was not R’s first partner ever (LIFEPR1>1 and p1yrelpx NE 13) then if there is a valid response to relationship at first sex with R’s most recent partner (CI-11

P1YRFX ne ., dk, rf):

RELATP1 = CI-11 P1YRFX

Second- and third- most recent partners:

RELATP2 is blank (inapplicable) if:

- R had no partners in the past 12 months (PARTS1YR = 0 or sysmis), or if
- R only had 1 partner (parts12 = 1) in the past 12 months

RELATP3 is blank (inapplicable) if:

- R had no partners in the past 12 months (PARTS1YR = 0 or sysmis), or if
- R only had 1 or 2 partners (parts12 = 1 or 2) in the past 12 months

If R's 2<sup>nd</sup> / 3<sup>rd</sup> most recent partner was R's first partner ever (p1yrelpx2/3 = 13) then if there is a valid response to relationship at first sex with R's first partner ever (CG-5 KNOWFP ne ., dk, rf):

RELATP1=CG-5 KNOWFP

Else if R's most recent partner was not R's first partner ever (LIFEPR2/3 >= 2/3 and p1yrelpx2/3 NE 13) then if there is a valid response to relationship at first sex with R's 2<sup>nd</sup> / 3<sup>rd</sup> most recent partner (CI-11 P1YRFX2/3 ne ., dk, rf):

RELATP2/3 = P1YRFX2/3

*Imputation note: Needed for cases meeting applicable criterion and for whom KNOWFP or P1YRFX, P1YRFX2, or P1YRFX3, whichever is applicable, is sysmis, dk, or rf. A routing error caused missing data on P1YRFX, P1YRFX2, or P1YRFX3, hence a larger than average number of imputed cases. Consult **FEMALE RESPONDENT FILE NOTES** on P1YRFX, P1YRFX2, and P1YRFX3 in Part 2 of User's Guide for further information related to this recode.*

Code categories:

Blank =	Inapplicable
1 =	Married to him
2 =	Engaged to him
3 =	Living together in a sexual relationship, but not engaged
4 =	Going out with him or going steady
5 =	Going out with him once in a while
6 =	Just friends
7 =	Had just met him
8 =	Something else

**PARTDUR1-3:** "Number of months between first and most recent sexual intercourse with (most recent / second-to-last / third-to-last) sexual partner (in the past 12 months)" (new for Cycle 7)

PARTDUR1 is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX=2).

Most recent partner:

If R's most recent partner was R's first partner ever:  
(LIFEPR1=1 or MATCHFP=1 or p1yrelp=13 or (p1yrelp=7 and CG-2 SAMEMAN=1 and CA-1  
TIMESMAR=1) or (p1yrelp=8 and CG-2 SAMEMAN=1 and TIMESCOH=1) ):

PARTDUR1 = FPDUR

Else if R's most recent partner was not R's first partner ever (LIFEPR1>1 and p1yrelpx NE 13):  
If Blaise-computed variable cmfsexx (Flow check C-77) not sysmis, 9998, or 9999 then:

If cmfsexx=9996 then PARTDUR1=997  
Else PARTDUR1 = (LSEXDATE minus cmfsexx)

Second- and third- most recent partners:

PARTDUR2 is blank (inapplicable) if:  
-- R has never had sexual intercourse (recode HADSEX=2), or if  
-- R had no partners or only 1 partner (parts12 = 0 or 1) in the past 12 months

PARTDUR3 is blank (inapplicable) if:  
-- R has never had sexual intercourse (recode HADSEX=2), or if  
-- R had no partners, or only 1 or 2 partners (parts12 = 0, 1, or 2) in the past 12 months

If R's 2<sup>nd</sup> / 3rd most recent partner was R's first partner ever (p1yrelpx2/3 = 13):

PARTDUR2/3 = FPDUR

Else if R's most recent partner was not R's first partner ever (LIFEPR1>=2/3 and p1yrelpx2/3 NE  
13):

If cmfsexx2/3 not sysmis, 9998, or 9999 and cmlsexx2/3 not sysmis, 9998, or 9999 then:

If cmfsexx2/3=9996 then PARTDUR2/3=997  
Else PARTDUR2/3 = (cmlsexx2/3 minus cmfsexx2/3)

*Imputation note: Computed based on imputed values of FPDUR and LSEXDATE. A routing error caused missing data on cmfsexx, hence larger than average number of imputed cases. Consult **FEMALE RESPONDENT FILE NOTES** on cmfsexx in Part 2 of User's Guide for further information related to this recode.*

Code categories:

Blank = Inapplicable  
0 - nnn = number of months

997 = only had sex once with partner

**LSEXDATE\*\*:** “CM date of last or most recent sexual intercourse”

LSEXDATE is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX = 2).

Otherwise:

LSEXDATE is determined by the most recent, or only, value on cmlsexx (computed in Flow Check C-71) and cmfplast (computed in Flow Check C-57).

If cmlsexx is blank and cmfplast is a valid date then LSEXDATE=cmfplast.

If cmfplast is a valid date and cmlsexx is a valid date, LSEXDATE is the most recent one of the two.

Otherwise LSEXDATE=cmlsexx.

*Imputation Note:* PARTSIYR was used to guide imputation of LSEXDATE, and vice-versa.

*Note:* LSEXDATE only considers cmlsexx (and cmfplast). In rare cases there is a date in cmlsexx2 or cmlsexx3 that is more recent. Regardless, all raw, computed, and recode variables on characteristics of last partner refer to the last partner based on cmlsexx (or cmfplast), not cmlsexx2 or cmlsexx3. Recode NUMP3MOS (number of partners in the past 3 months) considers cmlsexx, cmlsexx2, and cmlsexx3. For this reason, in rare cases, NUMP3MOS may be inconsistent with LSEXDATE.

Code categories:

Blank = inapplicable  
xxxx - nnnn = CM date of last or most recent sexual intercourse

**LSEXRAGE\*\*:** “R’s age at last or most recent sexual intercourse”

LSEXRAGE is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX = 2).

Otherwise:

LSEXRAGE = INT[(recode LSEXDATE) - cmbirth / 12]

*User Note:* Consult **FEMALE RESPONDENT FILE NOTES** in Part 2 of User’s Guide for further information related to this recode.

Code categories:

Blank = inapplicable  
xx - 44 = age in years at last or most recent sexual intercourse

**PARTS1YR\*\*:**        **“Number of opposite-sex sexual partners in last 12 months”**

PARTS1YR is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX = 2).

Otherwise:

PARTS1YR is based on the value of computed variable parts12.

The sas program below

1) assigns 0 to parts1yr if parts12 was 98 or 99, because this is how they were routed in the questionnaire.

2) addresses cases that gave inconsistent information on whether they had sexual intercourse in the last 12 months in the directly asked questions about “numbers of partners” versus “dates of last sex with each recent partner.”

*SAS logic:*

```
IF HADSEX=2 THEN PARTS1YR=.;  
IF PARTS12 IN (0,98,99) THEN PARTS1YR=0;  
ELSE IF 1 LE PARTS12 LT 95 THEN PARTS1YR=PARTS12;  
*** below: to address inconsistent cases between PARTS1YR & LSEXDATE;  
IF PARTS1YR=0 and LSEXDATE GE (cmintvw - 11) then impute PARTS1YR;  
  
ELSE IF PARTS1YR GE 1 and (-1 LT LSEXDATE LT (cmintvw - 11)) then  
PARTS1YR=0;
```

*User Notes:*    *Male version of PARTS1YR is defined for all respondents, not just those with HADSEX=1. PARTS1YR is defined even if one or more of the dates are DK/RF. In other words, it is incremented for any valid date falling within the past 12 months.*

*Imputation Note:*    *Needed for cases where PARTS1YR originally equals 0 but LSEXDATE is within 12 month window (LSEXDATE GE (cmintvw-11)).*

Code categories:

Blank = inapplicable

0 - nn = number of opposite-sex partners in last 12 months

**LIFPRTNR\*\*:**        **“Number of opposite-sex sexual partners in lifetime”**

LIFPRTNR = lifeprts (*defined for all Rs*)

Values of Blaise-computed variable lifeprts are used to determine values of LIFPRTNR (see Flow Check C-83 for the full definition of lifeprts).

*(Lifeprts was based primarily on responses to CH-1 LIFEPRRT. If LIFEPRRT=DK or RF, lifeprts=CH-1b LIFEPRRT\_LO, which could have been answered with DK/RF. This would be the only way for lifeprts to be DK/RF.)*

SAS Logic:

```
If rhadsex=5 then LIFPRTNR=0;  
Else if (1 <= LIFEPRRT <= 995) then LIFPRTNR=lifeprts;  
Else if LIFEPRRT in(998,999) and (1 <= LIFEPRRT_LO <= 995) then LIFPRTNR=LIFEPRRT_LO;
```

*Imputation Note:*      *Needed if Blaise-computed lifeprts=DK/RF.*

*Note:* *The original LIFPRTNR recode, as defined above, was top-coded for public use at “50 or more opposite-sex partners.” The full-detail variable called INLIFPRTNR is available through the NCHS Research Data Center.*

Code categories:

- 0 - 49 = number of opposite-sex partners in lifetime
- 50 = 50 or more opposite-sex partners in lifetime

**Sections D and E: Sterilization, Impaired Fecundity,  
Contraceptive History & Pregnancy Wantedness**

**STRLOPER\*\*:**      “Type of sterilization operation in effect”

*This recode specifies the type of sterilization operation “in effect” at the time of interview.*

- *For tubal sterilizations and vasectomies, the recode takes into account whether R or her current husband or cohabiting partner had a reversal operation.*
- *For cases where there were multiple operations, the recode assigns precedence to female operations and earlier operations.*
- *Operations other than tubal sterilization, vasectomy, hysterectomy, and removal of ovaries are counted as sterilization operations only if R said that she (or her current husband or cohabiting partner) was **completely sterile** as a result.*

**STEP 1: Tubal Sterilization, Vasectomy, Hysterectomy, and Bilateral Ovary Removal**

- a) To account for reversal of tubal sterilization (including Essure), **TUBS** is computed as follows:

TUBS=YES    if R reports a non-reversed tubal sterilization (DA-1 EVERTUBS=1 or 4 or DA-1b ESSURE=1) and (DC-1 REVSTUBL = 5, DK, or RF).  
ELSE  
TUBS=NO    if R does not report a tubal sterilization (DA-1 EVERTUBS=5, DK, or RF **and** DA-1b ESSURE=5, DK, o RF), or R reports a tubal sterilization that failed (DA-1 EVERTUBS=3), or R reports a tubal sterilization that has been reversed (DA-1 EVERTUBS=6 or DC-1 REVSTUBL=1).

- b) To account for reversal of vasectomy, **VASECT** is computed as follows:

VASECT=inapp    if R is not married or cohabiting (AB-1 MARSTAT NE 1 or 2).  
ELSE  
VASECT=YES    if R reports that her current husband/partner had a non-reversed vasectomy *even if it preceded their relationship* (DA-9 WHATOPSM=1 and DC-3 REVSVASX = sysmis, 5, DK, or RF).  
*Note: We did not ask respondents about payment and reasons for vasectomies that preceded their relationship with this husband/partner, however for the purposes of STRLOPER, we must note that a vasectomy was “in effect” at time of interview.*  
ELSE  
VASECT=NO    if R’s husband/partner never had a sterilizing operation (DA-7 ANYOPSMN = 5, DK, or RF), or he had a vasectomy that failed (DA-9 WHATOPSM=5), or he had a reversed vasectomy (DA-9 WHATOPSM=6 or DC-3 REVSVASX=1), or he had an “other

operation (DA-9 WHATOPSM=2), or R answered DK or RF for DA-9 WHATOPSM.

- c) To capture hysterectomies, **HYST** is computed as follows:

HYST=YES           if DA-2 EVERHYST=1.  
ELSE  
HYST=NO           if DB-2 EVERHYST = 5, DK, or RF, or if **currpreg**=yes.

- d) To capture bilateral (or only) ovary removals, **OVARECT** is computed as follows:

OVARECT=YES       if DA-3 EVEROVRS=1.  
ELSE  
OVARECT=NO       if DA-3 EVEROVRS = 5, DK, or RF, or if **currpreg**=yes.

### ***STEP 2: Other Sterilizing Operations***

- a) To code female sterilizing operations other than tubal sterilization, hysterectomy, and ovary removal, **OTHR** is computed as follows:

OTHR=YES   if R reports an operation that only affects one tube or one ovary (DA-5a WHTOOPRC=1 or 2) and this operation made her *completely sterile* (DA-6 ONOTFUNC=1), **or** if R reports “some other operation” (DA-5a WHTOOPRC=3) and this operation made her *completely sterile* (DA-7 DFNLSTRL=1), **or** if R reports an “other sterilizing operation” (DA-5a WHTOOPRC=4).

ELSE  
OTHR=NO

- b) To code male sterilizing operations other than vasectomy, **OTHRM** is computed as follows:

OTHRM=inapp       if R is not married or cohabiting (AB-1 MARSTAT NE 1 or 2).  
ELSE  
OTHRM=YES       if R reports that her current husband/partner had some other operation (DA-9 WHATOPSM=2) and that operation made him *completely sterile* (DA-10 DFNLSTRM=1).

ELSE  
OTHRM=NO

### ***STEP 3: Overall Female and Male Surgical Sterilization***

- a) Blaise-computed variable **rsurgstr** indicates overall female surgical sterilization status at time of interview, taking into account whether tubal sterilization was reversed. For further details, see Flow Check D-22
- b) Blaise-computed variable **psurgstr** indicates overall surgical sterilization status of R’s current husband or cohabiting partner, taking into account whether vasectomy was reversed. This variable is set to “no” for Rs who are not currently married or cohabiting.

For further details, see Flow Check D-22.

**STEP 4: Definition of STRLOPER**

- a) STRLOPER=5 (not surgically sterile) if neither R nor her current husband or cohabiting partner is “surgically sterile” at time of interview (rsurgstr = no and psurgstr = no).
- b) If there is *only one sterilization operation* reported (Only 1 YES among TUBS, HYST, OVARECT, OTHR, VASECT, OTHRM), then:

IF TUBS = YES THEN STRLOPER=1 (tubal sterilization)

IF HYST = YES THEN STRLOPER=2 (hysterectomy)

IF VASECT = YES THEN STRLOPER=3 (vasectomy)

IF OVARECT = YES OR OTHR = YES OR OTHRM = YES THEN STRLOPER=4  
(other operation or type unknown)

- c) If there are *two or more operations* reported (more than 1 YES among TUBS, HYST, OVARECT, OTHR, VASECT, OTHRM), then:

If there is a male operation reported (psurgstr = yes) and one or more female operations reported (rsurgstr = yes), then STRLOPER codes the earliest female operation.

*Dates* for sterilization operations are given in the following Blaise-computed variables:

cmtublig -- Tubal sterilization (including Essure)

cmhyst -- Hysterectomy

cmovarem -- Ovary removal

cmotsurg -- Other female sterilizing operation

cmmaleop -- Vasectomy or other male sterilizing operation

*Criteria for determining which operation to code in STRLOPER:*

- If the date of one operation is missing and the date of the other operation is known, R is classified based on the operation with a known date.
- If the dates are the same for all operations and one of them is a hysterectomy (e.g., the woman has a hysterectomy and both ovaries removed in the same operation), STRLOPER is coded “hysterectomy.”
- If the dates are missing for all female operations, if hysterectomy is one of the operations, and tubal sterilization is NOT among the operations, then STRLOPER is coded “hysterectomy.” However, if tubal sterilization is among the operations, STRLOPER is coded “tubal sterilization.”

*User Note:* These intermediate variables defined for computation of STRLOPER are included on the public-use data file -- TUBS, VASECT, HYST, OVARECT, OTHR, OTHRM.

Code categories:

1 = Tubal ligation or sterilization

- 2 = Hysterectomy
- 3 = Vasectomy
- 4 = Other operation or type unknown
- 5 = Not surgically sterile

**FECUND\*\*:**            **“Fecundity status”**

*The FECUND recode describes the respondent’s ability to get pregnant and carry a baby to term. Women may be classified in one of the “non-fecund” categories if they are surgically sterile or if their fecundity is impaired in some other way.*

*Respondents are classified in hierarchical order, from codes 1 to 6, with 6 (fecund) being the residual category. For example, a respondent may fulfill the definition for “long interval without conception” but if she also fulfills the definition for “subfecund” she is classified as “subfecund.” The exception is that we begin by classifying all currently pregnant respondents as FECUND=6.*

*Note: A married or cohabiting respondent is considered “surgically sterile” based on sterilizing operations that either she had or her husband or partner had. In this respect, this recode for fecundity status is “couple-based.” If you wish to analyze a “woman-based” fecundity status, you can compute a comparable recode limited to female sterilizing operations, regardless of R’s marital or cohabitation status.*

**If R is currently pregnant and her husband/partner is not surgically sterile (recode RCURPREG = 1 and recode STRLOPER = 5), then FECUND=6.**

**ELSE:**

**If R has reported a sterilization “in effect” at interview (STRLOPER NE 5), then she is classified as surgically sterile (FECUND=1 or FECUND=2), based on the contraceptive intent of the sterilization operation.**

Contraceptive intent is defined for the operation that is coded in STRLOPER because this recode has already assigned priority in cases of multiple sterilizing operations.

*Female “reasons for the operation” variables:*

- DB-3a RHADALLx - codes whether R had had all the children she wanted
- DB-3b HHADALLx - codes whether her current husband/partner had had all the children he wanted
- DB-4 FMEDREASx - allows coding for up to 5 medical reasons for operation
- DB-5a BCREASx - codes whether R had reasons related to birth control methods
- DB-5b BCWHYFx - codes whether BC reasons were health-related or other

*Because up to 4 female sterilization operations could be reported, there are 4 clusters of the above variables, and each is reserved for a particular type of operation:*

- 1<sup>st</sup> cluster - tubal sterilization (including Essure)
- 2nd cluster - hysterectomy
- 3rd cluster - ovary removal

4th cluster - “other female sterilizing operation.”

*Only 1 male sterilization operation could be reported, and the “reasons for operation” variables are:*

DB-11a RHADALLM -	codes whether R had had all the children she wanted
DB-11b HHADALLM -	codes whether her current husband/partner had had all the children he wanted
DB-12 MEDREASx -	allows coding for up to 5 medical reasons for operation
DB-13a BCREASM -	codes whether R had reasons related to birth control methods
DB-13b BCWHYM -	codes whether BC reasons were health-related or other

***FECUND=1 (Surgically Sterile, Contraceptive):***

If it is impossible for R or her husband/partner to have a(nother) baby because of a sterilizing operation that was done, at least in part, for contraceptive reasons, then she is *surgically sterile for contraceptive reasons* and FECUND=1.

A female operation is defined as having *contraceptive intent*:

- if R reported any reasons other than “medical reasons” (DB-3a RHADALL=1 or DB-3b HHADALL=1 or DB-5a BCREAS=1) **OR**
- if she only reported “medical reasons” but none of them were “medical problems with female organs” [(DB-3a RHADALL NE 1 and DB-3b HHADALL NE 1 and DB-5a BCREAS ne1 and DB-4 FMEDREAS(1st mention) NE 6, DK, or RF) and (none of the 5 mentions for DB-4 FMEDREAS include code 1)].

Similarly, a male operation is defined as having *contraceptive intent*:

- if R reported any reasons other than “medical reasons” (DB-11a RHADALLM=1 or DB-11b HHADALLM=1 or DB-13a BCREASM=1) **OR**
- if she only reported “medical reasons” but none of them were “pregnancy would be dangerous for your health” [(DB-11a RHADALLM NE 1 and DB-11b HHADALLM NE 1 and DB-13a BCREASM NE 1 and DB-12 MEDREAS(1st mention) NE 6, DK, or RF) and (none of the 5 mentions for DB-12 MEDREAS include code 1)].

***FECUND=2 (Surgically Sterile, Noncontraceptive):***

If it is impossible for R or her husband/partner to have another baby because of a sterilizing operation that was **ONLY** done for **NON**contraceptive reasons, then she is *surgically sterile for noncontraceptive reasons* and FECUND=2.

A female operation is defined as having *solely non-contraceptive intent* if R **ONLY** cited “medical reasons” (DB-3a RHADALL NE 1 and DB-3b HHADALL NE 1 and DB-5a BCREAS ne1 and DB-4 FMEDREAS(1st mention) NE 6, DK, or RF) **AND** the specific medical reasons cited in DB-4 FMEDREASx includes “medical problems with your female organs.”

Similarly, a male operation is defined as having *solely non-contraceptive intent* if she only

reported “medical reasons” but at least one of them was “pregnancy would be dangerous for your health” [(DB-11a RHADALLM NE 1 and DB-11b HHADALLM NE 1 and DB-13a BCREASM NE 1 and DB-12 MEDREAS(1st mention) NE 6, DK, or RF) and (any of the 5 mentions for DB-12 MEDREAS include code 1)].

***If reasons for STRLOPER operation are missing, then FECUND may still be coded 1 or 2, based on the following assumptions:***

If STRLOPER NE 5 and reasons for the operation coded in STRLOPER are missing (all “reasons” variables are GE 97), then:

IF STRLOPER=1 THEN FECUND=1 (assume tubal sterilizations are contraceptive)

IF STRLOPER=2 THEN FECUND=2 (assume hysterectomies are non-contraceptive)

IF STRLOPER=3 THEN FECUND=1 (assume vasectomies are contraceptive)

IF STRLOPER=4 THEN FECUND=2 (assume “other operations” are non-contraceptive)

**The remaining categories of FECUND are limited to respondents who are not surgically sterile at interview (STRLOPER NE 5), and are defined in the order shown below. (Note: This means, for example, that a respondent who fulfills the definition of FECUND=4 and FECUND=5 will get coded as FECUND=4.)**

***FECUND=3 (Nonsurgically Sterile):***

If R reports that it is impossible for her to have a(nother) baby for reasons other than surgical sterilization (DE-1 POSIBLPG=5) or for her husband or cohabiting partner to father a(nother) baby (DE-3 POSIBLMN=5), then she is *nonsurgically sterile* and FECUND=3.

***FECUND=4 (Subfecund):***

If R reports that it is difficult for her, and/or her current husband, to conceive or deliver a(nother) baby (DF-1 CANHAVER=1 OR DF-3 CANHAVEM=1), OR if a medical doctor advised her NEVER to become pregnant (again) (DF-4 PREGNONO=1), then she is *subfecund* and FECUND=4.

***FECUND=5 (Long Interval Without Conception):***

If, during the 36 months or more of continuous marriage or cohabitation prior to interview, R did not have a pregnancy, used no contraception, and had no months of non-intercourse, she is classified as having a *long interval without conception*.

*Must first define intermediate variables for “any method use in last 36 months” and “any months of non-intercourse in last 36 months”:*

- To define **ANYBC36** (any contraceptive use in last 36 months), check array of method calendar variables for contraceptive use in the 36 months preceding the interview. METHX1 through METHX192 contain contraceptive method(s) used, if any, for each of (up to) 48 months prior to and including the interview month. Check each one within the time frame [cmintvw minus 36] through cmintvw. If any of them = 3-21 or 24-26 (see ED-6 METHHIST in the CAPI reference questionnaire) then a

contraceptive method was used.

ANYBC36 = 1 (“yes, at least one month of reported method use”)  
if R reported any method use in the last 36 months (ED-6  
METHHIST >=3 and <=21 or 24, 25, 26)

Else

ANYBC36 = 2 (“no, no months of method use – nothing used in all months”)  
If R reported “1” -”none” or sysmis in all months (all sysmis means  
everused=5)\*  
or R reported don’t know or refused (98, 99) in any of the 36 months (and  
reported no months of method use).

\*If everused is sysmis then method use was not ascertained so ANYBC36 cannot  
be ascertained and remains 2.

- To define **NOSEX36** (any months of non-intercourse in last 36 months), check values  
of EC-8 MONSX[nnnn] through MONSX[nnnn-36], where nnnn=cmintvw.

NOSEX36 = 2 (yes, one or more months of nonintercourse)  
if R reported any months of non-intercourse in any of the last 36 months  
(any occurrence of code 5 or sysmis or don’t know or refused)

Else

NOSEX36 = 1 (no, no months of **non-intercourse** – intercourse in all months)  
if R reported intercourse in all 36 months (code 1) and no missing values in  
the 36 months (don’t know or refused (8,9), or sysmis)

If INTR\_ED3=8 or 9 and QuestYear=1 then NOSEX36=not ascertained and  
NOSEX36 remains 2.

Once these 2 intermediate variables are defined, proceed as follows:

- (a) if the interval between the date of interview and the date when R began living with  
her current husband/cohabiting partner is 36 months or more and if there were no  
months of nonintercourse reported in the 36 months prior to interview:

If ((cmintvw - cmstrthp) GE 36)

AND No months of nonintercourse in 36 months prior to interview  
(NOSEX36=NO)

Continue with step (b).

*(Blaise-computed cmstrthp indicates century-month when R began living  
with current husband or cohabiting partner.)*

- (b) (1) If R has:  
Never been pregnant (recode PREGNUM = 0) and  
Had sexual intercourse since menarche (recode SEXEVER = 1) and  
Never used a contraceptive method (recode ANYMTHD = NO),

THEN R has a long interval (FECUND = 5).

- (2) If R has:  
 Never been pregnant (PREGNUM = 0) and  
 Had sexual intercourse since menarche (SEXEVER = 1) and  
 Ever used a contraceptive method (ANYMTHD = 1),  
  
 THEN if R has NOT used any contraceptive during the past 36 months  
 (ANYBC36=NO), then R has a long interval (FECUND = 5).
- (3) If R has:  
 Ever been pregnant (PREGNUM GE 1) but is not currently  
 pregnant (recode RCURPREG=NO)  
 THEN:  
 If her last pregnancy ended at least 36 months prior to interview [(cmintvw  
 - cmlstprg) GE 36] and R never used a method in the last 36 months  
 (ANYBC36=NO),  
 THEN R has a long interval and FECUND=5.

***FECUND=6 (Fecund):***

If R has not been classified thus far, she is considered *fecund* (the residual category) and  
 FECUND=6.

*User Note: The 2 intermediate variables defined for computation of FECUND are included on  
 the public-use data file -- ANYBC36 & NOSEX36.*

Code categories:

- 1 = Surgically Sterile, Contraceptive
- 2 = Surgically Sterile, Noncontraceptive
- 3 = Sterile, Nonsurgical
- 4 = Subfecund
- 5 = Long interval
- 6 = Fecund

**INFERT\*\*:**            **“Infertility status”**

*Infertility is defined as 12 or more months of intercourse without pregnancy and without  
 contraception. The INFERT recode is defined for respondents who are currently married or  
 cohabiting.*

INFERT is blank (inapplicable) if R is not currently married or cohabiting (recode RMARITAL  
 NE 1 or 2).

**FOR ALL RESPONDENTS WHO ARE CURRENTLY MARRIED OR COHABITING  
 (RMARITAL=1 or 2):**

- (1) If R or her husband/partner is surgically sterile (recode STRLOPER NE 5), then

INFERT=1 (surgically sterile).

- (2) If R has never had a menstrual period (BA-1 MENARCHE = 96), then INFERT=2 (infertile). (Recall that this recode is only defined for currently married or cohabiting women, so this would be quite rare and probably indicative of a fertility problem.)
- (3) If R is currently pregnant (recode RCURPREG EQ YES) or if she has had a month or more of nonintercourse in the 12 months prior to interview (0 < recode NOSEX12 < 95), then INFERT=3 (fecund).
- (4) If R has used a method at all in the 12 months prior to interview (ANYBC12=YES), then INFERT=3 (fecund).
  - To define **ANYBC12** (any contraceptive use in last 12 months), check array of method calendar variables for contraceptive use in the 12 months preceding the interview. METHX1 through METHX192 contain contraceptive method(s) used, if any, for each of (up to) 48 months prior to and including the interview month. Check each one within the time frame [cmintvw minus 12] through cmintvw. If any of them = 3-21 or 24-26 (see ED-6 METHHIST in the CAPI reference questionnaire) then a contraceptive method was used.

ANYBC12 = 1 (“yes, at least one month of reported method use”)  
if R reported any method use in the last 12 months (ED-6  
METHHIST >=3 and <=21 or 24, 25, 26)

Else

ANYBC12 = 2 (“no, no months of method use – nothing used in all months”)  
If R reported “1” -”none” or sysmis in all months (all sysmis means  
everused=5)\*  
or R reported don’t know or refused (98, 99) in any of the 12 months (and  
reported no months of method use).

\*If everused is sysmis then method use was not ascertained so ANYBC12 cannot  
be ascertained and remains 2.

- (5) If, during the 12 months or more of continuous marriage/union with no months of nonintercourse, the couple did not have a pregnancy and used no contraception, R is considered infertile (INFERT=2). That is,
  - (a) If R has been in her current marriage or cohabiting union for 12 months or more [(cmintvw - cmstrthp) GE 12] and there were no months of nonintercourse reported in those 12 months (NOSEX12=0), continue with step 5b. (*Blaise-computed cmstrthp indicates century-month when R began living with current husband or cohabiting partner.*)
  - (b) R is classified as follows:
    - 1) If R has never been pregnant (recode PREGNUM=0) and never used a method since first intercourse (recode ANYMTHD=NO), then R is

considered infertile and INFERT=2.

- 2) If R has never been pregnant (PREGNUM=0) and EVER used a method since first intercourse (ANYMTHD=YES), then:

If R has not used a contraceptive method in the past 12 months (ANYBC12=NO), then R is considered infertile and INFERT=2.

- 3) If: R has ever been pregnant (PREGNUM GE 1), and  
There have been at least 12 months since her last pregnancy ended ((cmintvw - cmlstprg) GE 12), and  
R has not used any contraceptive methods in last 12 months (ANYBC12=NO),  
Then R is considered infertile, and INFERT=2. (*Blaise-computed cmlstprg, defined in Flow Check B-42d, indicates century-month when R's last completed pregnancy ended.*)

*Note: As with FECUND's "long interval" classification, some respondents classified as "infertile" based on having no pregnancies in the 12 months prior to interview, could have reported an abortion in the Audio-CASI portion of the interview.*

- (6) If extensive missing data made a case bypass steps 1-5 above, then:
- (a) If the 4 method calendar variables corresponding to the month of interview show method use other than female or male surgical sterilization (ED-6 METHHISTxxx include only codes 3, 4, 7-21, 24, 25), then R is considered fecund and INFERT=3. (*There should be no married/cohabiting cases with METHHISTnnnn codes of 5 or 6 in month of interview who don't also have recode STRLOPER NE 5.*)
- (b) If there is still too much missing data to classify R, the case needs to be examined by NCHS and ISR staff and imputed if necessary. Unless there is evidence to the contrary, such cases are generally be assumed to be fecund and INFERT=3.

*User Note: The intermediate variable (ANYBC12) defined for computation of INFERT is included on the public-use data file.*

Code categories:

Blank = Inapplicable  
1 = Surgically sterile  
2 = Infertile  
3 = Fecund

**ANYMTHD\*\*:** "Ever used any method for any reason"

If (computed variable everused=yes) or (DA-1 EVERTUBS=1 or 6) or (DA-9 WHATOPSM=1 or 6) then ANYMTHD=1.

Otherwise, if everused=no and (DB-1 EVERTUBS NE 1 and NE 6) and (DB-9 WHATOPSM NE 1 and NE 6) then ANYMTHD=2.

*Note: Since this is meant to capture method use for any reason, and method use by those planning to have intercourse, those who never had intercourse are not excluded.*

Code categories:

1 = Yes  
2 = No

**NOSEX12\*\*:**        **“Number of months of nonintercourse in the 12 months prior to interview”**

If R never had intercourse (recode HADSEX = 2), then NOSEX12=95.

If R has had no months of nonintercourse since cmjan3yr (January of year of interview minus 3) (EC-3 INTR-EC3=5)

and date of first sex was earlier than or equal to 12 months prior to interview, (cmfstsex LE (cmintvw-11)),

or date of first sex is unknown (cmfstsex=9998 or 9999)

Then NOSEX12=0

Else if R has had no months of nonintercourse since cmfstsex (EC-3 INTR-EC3=5)

and date of first sex was within the 12 months prior to interview, (cmfstsex GT cmintvw-11), then NOSEX12=the number of months between 12 months prior to the interview, and first sex (cmfstsex - (cmintvw-11)).

Else if R has had one or more months of nonintercourse since cmjan3yr (January of year of interview minus 3) (EC-3 INTR-EC3=1):

and date of first sex was earlier than or equal to 12 months prior to interview, (cmfstsex LE (cmintvw-11)),

Count the months of nonintercourse (5) in the 12 months prior to interview (using EC-8 MONSXnn through MONSXnn-11, where nn corresponds to the MONSX for the month of interview) and sum to create total number of months

Else if R has had one or more months of nonintercourse since cmfstsex (EC-3 INTR-EC3=1):

and date of first sex was within the 12 months prior to interview, (cmfstsex GT cmintvw-11),

Count the months of nonintercourse (5) in the 12 months prior to interview (using EC-8 MONSXnn through MONSXnn-11, where nn corresponds to the MONSX for the month of interview) and sum to create total number of months

(after Year 1 (QuestYear>=2):

Else if R reported “don’t know” or “refused” to whether one or more months of nonintercourse since cmjan3yr / cmfstsex, (EC-3 INTR-EC3=8 or 9) but there are valid responses in MONSXnn through MONSXnn-11:

Count the months of nonintercourse (5) in the 12 months prior to interview (using EC-8 MONSXnn through MONSXnn-11, where nn corresponds to the MONSX for the month of interview) and sum to create total number of months

Else if first sex was same as interview month (EC-3 INTR\_EC3=, and cmintvw=cmfstsex) then NOSEX12=11

Code categories:

00-12 = Number of months of nonintercourse  
95 = Never had intercourse

**SEXP3MO\*\*:** “Intercourse in the past 3 months (including interview month) (based on nonintercourse series (EC))”

SEXP3MO=blank (inapplicable) if recode HADSEX=no.

SEXP3MO=1:

- if R has had no periods of non-intercourse since [year of interview minus 3] (or first sex) (EC-3 INTR-EC3 = 5 or (EC-3 INTR-EC3=blank and cmfstsex=cmintvw))
- if R reported intercourse in any of the two months prior to interview month or in interview month, (EC-8 MONSX[nnnn], or EC-8 MONSX[nnnn]-1 = 1, or EC-8 MONSX[nnnn]-2=1, where nnnn=CM of interview)

SEXP3MO=2:

- if R reported no intercourse in interview month and the two months prior to interview month, (EC-8 MONSX[nnnn] = 5 and EC-8 MONSX[nnnn]-1 = 5, and EC-8 MONSX[nnnn]-2=5, where nnnn=CM of interview)

*Note: This is consistent with the Cycle 6 recode of same name, but different from Cycle 5 SEXP3MO:*

- *Inapplicable universes: Cycle 5 recode was inapplicable if R never had sex after menarche. Cycle 6 recode is inapplicable if R never had sex (regardless of menarche).*
- *Time frame: This recode includes month of interview, and 2 months before interview. This is because it is used in recode CONSTAT, which measures contraceptive use in the month of interview. Cycle 5 SEXP3MO did not include the month of interview. To make this comparable to the Cycle 5 version, the user can recreate the recode but reduce the time frame to exclude the month of interview, or MONSX[cmintvw] and increase the time frame to include the 3<sup>rd</sup> month before interview, or MONSX[cmintvw-3]*

Code categories:

blank = Inapplicable  
1 = Yes, had intercourse in past 3 months (including interview month)  
2 = No, did not have intercourse in past 3 months (including interview month)

**SEX3MO\*\*:** “Intercourse in the past 3 months (including interview month) (based on last sexual partner date -- LSEXDATE)”

SEX3MO=blank (inapplicable) if recode HADSEX=no.

SEX3MO=1: if recode LSEXDATE is GE **cmintvw** minus 2

SEX3MO=2: if recode LSEXDATE is LT **cmintvw** minus 2

*Notes: -- This recode is comparable to the male recode with the same name.*

*-- This recode includes month of interview, and 2 months before interview.*

*-- This recode is comparable to Cycle 6 recode SEX3MO.*

*-- This recode is not comparable to Cycle 5 recode, SEXP3MO. This recode cannot be modified to be comparable to SEXP3MO. See SEXP3MO recode specifications for notes.*

*-- SEX3MO only draws from cmlsexx (and cmfplast). In rare cases SEX3MO might be “no” but dates on cmlsexx2 or cmlsexx3 are still within the past 3 months. This is because the order the R reported the partners in takes precedence over dates. The partner corresponding to cmlsexx is considered to be the last partner, and it is this partner who is represented in “characteristics of last partner” variables/recodes.*

Code categories:

blank = Inapplicable

1 = Yes, had intercourse in the past 3 months (including interview month)

2 = No, did not have intercourse in the past 3 months (including interview month)

**CONSTAT1\*\*:** “Current contraceptive status”

*This recode is designed to show current contraceptive status as used in Cycles 3, 4, 5, and 6 of the NSFG. It refers to the method used in the month of interview, or “current month.” In cases where multiple methods were used in the current (interview) month, CONSTAT1 codes the HIGHEST priority method reported, according to a predetermined ranking of use-effectiveness, as used in earlier NSFG cycles. Up to four methods for the current month are ranked; the second, third, and fourth highest priority methods are coded in CONSTAT2-CONSTAT4, respectively. (See specifications that follow CONSTAT1.)*

Code categories for CONSTAT1 are arranged below to distinguish contraceptors from noncontraceptors for analytic purposes.

**Using Contraception:**

- 01= Female sterilization
- 02= Male sterilization
- 03= Norplant or Implanon implant
- 04= Lunelle (injectable)
- 05= Depo-Provera (injectable)
- 06= Pill
- 07= Contraceptive Patch
- 08= Contraceptive Ring
- 09= Emergency contraception

- 10= IUD
- 11= Diaphragm (with or w/out jelly or cream)
- 12= (Male) Condom
- 13= Female condom/vaginal pouch
- 14= Foam
- 15= Cervical Cap
- 16= Today(TM) Sponge
- 17= Suppository or insert
- 18= Jelly or cream (not with diaphragm)
- 19= Periodic abstinence: NFP, cervical mucus test or temperature rhythm
- 20= Periodic abstinence: calendar rhythm
- 21= Withdrawal
- 22= Other method

**Not using contraception:**

- 30= Pregnant
- 31= Seeking Pregnancy
- 32= Postpartum
- 33= Sterile--nonsurgical--female
- 34= Sterile--nonsurgical--male
- 35= Sterile--surgical--female (noncontraceptive)
- 36= Sterile--surgical--male (noncontraceptive)
- 37= [code not used]
- 38= Sterile--unknown reasons -male
- 39= [code not used]
- 40= Other nonuser--never had intercourse since first period
- 41= Other nonuser--has had intercourse, but not in the 3 months prior to interview
- 42= Other nonuser--had intercourse in the 3 months prior to interview
- 88= inapplicable (no 2nd, 3rd, or 4th method reported -- applies to CONSTAT2-CONSTAT4 only)

If R is pregnant at interview (RCURPREG=YES), then CONSTAT1=30.

Else, if R or her current husband or cohabiting partner is surgically sterile at interview (STRLOPER NE 5)

Or she reported any sterilizing operation in the method history calendar:

CONSTAT1=01 (sterile--surgical--female):

If FECUND=1 and (STRLOPER in(1,2) or (STRLOPER=4 and rsurgstr=yes))

or

If FECUND NE 3 and (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview = 6)

Else CONSTAT1=35 (sterile --surgical—female (noncontraceptive))

If FECUND=2 and (STRLOPER in(1,2) or (STRLOPER=4 and rsurgstr=yes))

Else CONSTAT1=02 (sterile--surgical--male):

If FECUND=1 and (STRLOPER=3 or (STRLOPER=4 and psurgstr=yes))  
 or  
 If (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview = 5)

Else CONSTAT1=36 (sterile--surgical—male (noncontraceptive)):  
 If FECUND=2 and (STRLOPER=3 or (STRLOPER=4 and psurgstr=yes))

Else, if R is nonsurgically sterile (FECUND=3 and DE-1 POSIBLPG=5), then

CONSTAT1=33 (sterile--nonsurgical--female)

Else, if R's current husband or partner is nonsurgically sterile (FECUND=3 and DE-3 POSIBLMN=5), then

CONSTAT1=34 (sterile--nonsurgical--male)

Else,

If R is using any method in the month of interview, (ED-6 METHHISTnnn for month of interview)\* NE 1 and NE system-missing (inapplicable)):

*\*[only need to check the first METHHIST variable because looking for "no method"]*

If R is using only 1 method, CONSTAT1=this method,

CONSTAT1=(ED-6 METHHISTnnn for month of interview)

If R is using 2 or more methods:

CONSTAT1= method in (ED-6 METHHISTnnn - METHHISTnnnn+4 for month of interview) with the highest priority (see table below).

The table below lists methods in order of priority (from highest to lowest) and gives the code equivalents for ED-6 METHHIST and CONSTAT1.

	Code in <u>METHHIST:</u>	CONSTAT1 <u>CODE</u>
Female sterilization	06	01
Respondent sterile (not on card)	22	33
Male sterilization	05	02
Partner sterile(not on card)	23	38
Norplant /Implanon(TM) implant	09	03
IUD	19	10
Lunelle injectable	24	04
Depo-Provera injectable	08	05
Pill	03	06
Contraceptive patch	25	07
Contraceptive ring	26	08
Emergency contraception	20	09
(Male) condom	04	12

Diaphragm	12	11
Female condom/vaginal pouch	13	13
Today (TM) Sponge	18	16
Cervical cap	16	15
NFP, Temperature rhythm	11	19
Calendar rhythm	10	20
Withdrawal	07	21
Foam	14	14
Suppository or insert	17	17
Jelly or cream alone	15	18
Other method	21	22

---

Else, if R is seeking pregnancy (EH-1 WYNOTUSE =1 or EH-2 HPPREGQ =1):

CONSTAT1=31.

Else, if R is postpartum, as defined by:

- Interview Date (Month/Day/Year of interview) is before the 15th day of the month, and the difference between the interview month (**cmintvw**) and the month of the last pregnancy termination (computed variable **cmlstprg**) is less than or equal to 2 months, or
- Interview date (Month/Day/Year of interview) is on or after the 15th day of the month and the difference between the interview month (**cmintvw**) and the month of the last pregnancy termination (computed variable **cmlstprg**) is less than or equal to 1 month.  
then

CONSTAT1=32

*Note: Computed variable **cmlstprg** is defined in Flow Check B-42d in the CAPI Reference Questionnaire.*

Else, if R never had intercourse since her first menstrual period (SEXEVER=2), then

CONSTAT1=40

Else, if (ED-6 METHHISTnnn for month of interview)=1 (no method used), or ANYMTHD=2 (never used a method) then:

- CONSTAT1=41      If R had no intercourse in the 3 months prior to interview (SEXP3MO=2)
- CONSTAT1=42      If R had intercourse in the 3 months prior to interview (SEXP3MO=1)

**CONSTAT2\*\*:**      **“2nd priority code for current contraceptive status”**

If CONSTAT1=1 and R reported any male sterilization operation (psurgstr=1 or any code 5 in METHHISTnnn vars for month of interview), then:

CONSTAT2=02 (sterile--surgical--male):  
    If FECUND=1 and (STRLOPER=3 or (STRLOPER=4 and psurgstr=yes))  
    or  
    If (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview = 5)

Else, CONSTAT2=36 (sterile--surgical—male (noncontraceptive)):  
    If FECUND=2 and (STRLOPER=3 or (STRLOPER=4 and psurgstr=yes))

Else, if R is nonsurgically sterile (FECUND=3 and DE-1, POSIBLPG=5), then

CONSTAT2=33 (sterile--nonsurgical--female)

Else, if R’s current husband or partner is nonsurgically sterile (FECUND=3 and DE-3, POSIBLMN=5), then

CONSTAT2=34 (sterile--nonsurgical--male)

Else If R is using a method in the month of interview, (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview) NE 1 and NE system-missing and NE 6 (female sterilization already captured in CONSTAT1):

    If R is using ONE method, CONSTAT2=this method.  
    If R is using more than 1 method,  
        CONSTAT2= method in (ED-6 METHHISTnnn - METHHISTnnn+4 for month of interview) with the highest priority (see table above in CONSTAT1).

Code categories:  
    See CONSTAT1

**CONSTAT3\*\*:**      **“3rd priority code for current contraceptive status”**

If R is using a method in the month of interview, (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview) NE 1 and NE system-missing and NE 6 (female sterilization already captured in CONSTAT1):

    If R is using ONE method, CONSTAT3=this method.  
    If R is using more than 1 method,  
        CONSTAT3= method in (ED-6 METHHISTnnn - METHHISTnnn+4 for month of interview) with the next highest priority (see table above in CONSTAT1).

The code categories and specifications for CONSTAT3 are the same as for CONSTAT2. If CONSTAT1 is imputed, then CONSTAT3 is also imputed. If CONSTAT1 does not need imputation and there is no third method reported in (ED-6 METHHISTnnn - METHHISTnnnn+4

for month of interview), then CONSTAT3=88 (inapplicable).

Code categories:

See CONSTAT1

**CONSTAT4\*\*:**        **“4th priority code for current contraceptive status”**

If R is using a method in the month of interview, (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview) NE 1 and NE system-missing and NE 6 (female sterilization already captured in CONSTAT1):

If R is using ONE method, CONSTAT4=this method.

If R is using more than 1 method,

CONSTAT4= method in (ED-6 METHHISTnnn - METHHISTnnnn+4 for month of interview) with the next highest priority (see table above in CONSTAT1).

The code categories and specifications for CONSTAT4 are the same as for CONSTAT2. If CONSTAT1 is imputed, then CONSTAT4 is also imputed. If CONSTAT1 does not need imputation and there is no fourth method reported in (ED-6 METHHISTnnn - METHHISTnnnn+4 for month of interview), then CONSTAT4=88 (inapplicable).

Code categories:

See CONSTAT1

**PILLR\*\*:**            **“Ever used the pill for any reason”**

PILLR=1 if:

- R has ever used the pill (EA-1 PILL=1); or
- R says she never used the pill (EA-1 PILL=5) but the pill was:
  - One of the methods stopped due to dissatisfaction (EA-17 METHSTOP=3)
  - Her first method ever (EB-1 FIRSMETH1-FIRSMETH4=3),
  - or her method at first intercourse (any of computed variables **mthfstsx1 – mthfstsx4=3**),
  - or the last method she used before a pregnancy (EG-4 WHATMETH1-WHATMETH80=3),
  - or a method she used sometime during the last 4 years (ED-6 METHX1-METHX192=3),or the method she used at last or first intercourse with partner(s) in past 12 months (EF-2 LSTMTHP1-LSTMTHP4=3 or LSTMTHP5-LSTMTHP8=3 or LSTMTHP9-LSTMTHP12=3 or FSTMTHP1-FSTMTHP4=3 or FSTMTHP5-FSTMTHP8=3 or FSTMTHP9-FSTMTHP12=3).

Else if none of the above indicated pill use and EA-1 PILL=5 then PILL=2.

Else PILLR is imputed if

[EA-1 PILL is missing (DK or RF)

and  
if (mthfstx1-4, EB-1, EG-4, ED-6, and EF-2) are all missing (DK or RF) or not equal to the pill].

*Note: computed variables mthfstx1-4 are defined in Flow Check E-18 and Flow Check E-32 in the CAPI Reference Questionnaire*

*Note: Since this is meant to capture pill use for any reason, and pill use by those planning to have intercourse, those who never had intercourse are not excluded.*

Code categories:

1=Yes

2=No

**CONDOMR\*\*:**        **“Ever used a condom”**

CONDOMR=blank (inapplicable) if R has never had intercourse (recode HADSEX=no).

CONDOMR=1 if:

- R has ever used condoms for any reason (EA-2 CONDOM=1); or
- R says she has never used condoms (EA-2 CONDOM=5) but the condom was:
  - One of the methods stopped due to dissatisfaction (EA-17 METHSTOP=4)  
Her first method ever ( EB-1 FIRSMETH1-FIRSMETH4=4),  
or her method at first intercourse (any of computed variables **mthfstx1 – mthfstx4=4**),  
or the last method she used before a pregnancy (EG-4 WHATMETH1-WHATMETH80=4),  
or a method she used sometime during the last 4 years (ED-6 METHX1-METHX192=4),  
or the method she used at last or first intercourse with partner(s) in past 12 months (EF-2 LSTMTHP1-LSTMTHP4=4 or LSTMTHP5-LSTMTHP8=4 or LSTMTHP9-LSTMTHP12=4 or FSTMTHP1-FSTMTHP4=4 or FSTMTHP5-FSTMTHP8=4 or FSTMTHP9-FSTMTHP12=4).

Else if none of the above indicated condom use and EA-2 CONDOM=5 then CONDOMR=2.

Else CONDOMR is imputed if

[EA-5 CONDOM is missing (DK or RF)

and

if (mthfstx1-4, EB-1, EG-4, ED-6, and EF-2) are all missing (DK or RF) or not equal to the condom].

*Note: computed variables mthfstx1-4, are defined in Flow Check E-18 and Flow Check E-32 in the CAPI Reference Questionnaire*

Code categories:

Blank = Inapplicable

1 = Yes

2 = No

**SEX1MTHD1\*\*:** “Method used at first intercourse, if any-1st method”

SEX1MTHD1=blank (inapplicable) if R has never had intercourse (recode HADSEX=2).

SEX1MTHD1=95: if R has never used a method (recode ANYMTHD=2).

SEX1MTHD1=96: if R did not use a method at first intercourse (computed variable **usefstsx**=5)

Otherwise,

SEX1MTHD1=(computed variable **mthfstsx1**) (subtract 2 from the **mthfstsx1** value to result in the correct values on SEX1MTHD)

Impute if missing (DK or RF):

- The 1st method ever used is missing (EB-1 FIRSMETH=DK or RF)
- The timing of first use is missing (EB-2 FIRSTIME1/FIRSTIME2=DK or RF)
- The method used at first intercourse (for those whose 1st method use was before 1st sex) is missing (EB-8 MTHFRSTS=DK or RF)

*Note: Computed variables **usefstsx** and **mthfstsx1** are defined in Flow Check E-18, Flow Check E-29 and Flow Check E-32 in the CAPI Reference Questionnaire.*

*Cases with FIRSTIME2=1 (first method use was before first sex), but date of first method use greater than date of first sex, are imputed.*

*Imputation Note: In the cases above, use FIRSMETH1 to guide or determine imputed value.*

Code categories:

- Blank= inapplicable
- 1= Pill
- 2= Condom
- 3= Partner’s vasectomy
- 4= Female sterilizing operation/tubal ligation
- 5= Withdrawal
- 6= Depo-Provera, injectables
- 7= Implant (Norplant or Implanon)
- 8= Rhythm or safe period by calendar
- 9= Safe period by temperature or cervical mucus test, natural family planning
- 10= Diaphragm
- 11= Female condom, vaginal pouch
- 12= Foam
- 13= Jelly or cream
- 14= Cervical cap
- 15= Suppository, insert
- 16= Today<sup>tm</sup> sponge
- 17= IUD, coil, loop
- 18= Emergency contraception

- 19= Other method
- 20= Respondent sterile (aside from sterilizing operation above)
- 21= Respondent's partner sterile (aside from vasectomy above)
- 22= Lunelle injectable
- 23= Contraceptive patch
- 24= Contraceptive ring
- 95= Never used a method
- 96= Did not use a method at 1st intercourse

**SEX1MTHD2-SEX1MTHD4\*\*:** **“Method used at first intercourse, if any-2nd/3rd/4th method”**

SEX1MTHD2-4=blank (inapplicable): if R has never had intercourse (recode HADSEX=2), or if R did not use a 2nd/3rd/4th method at first sex (mthfstx02/03/04=blank).

Repeat specifications for SEX1MTHD1 for remaining values of SEX1MTHD2-4. Substitute computed variable mthfstx2/3/4 for mthfstx1 as in the following:  
SEX1MTHD2=(computed variable **mthfstx2**)

Impute if missing (DK or RF):

- The 1st method ever used is missing (EB-1 FIRSMETH01-05=DK or RF)
- The timing of first use is missing (EB-2 FIRSTIME1/FIRSTIM2=DK or RF)
- The method used at first intercourse (for those whose 1st method use was before 1st sex) is missing (EB-8 MTHFRSTS=DK or RF)

*Note: Computed variables **usefstx** and **mthfstx2/3/4** are defined in Flow Check E-18, Flow Check E-29 and Flow Check E-32 in the CAPI Reference Questionnaire.*

Code categories:  
see SEX1MTHD1

**MTHUSE12\*\*:** **“Whether used any method at last intercourse in past 12 months”**

MTHUSE12=BLANK (inapplicable) if:

- R has never had intercourse (HADSEX=2)
- R had no sexual partners in the past 12 months (recode PARTS1YR=0).

MTHUSE12=95 if R has never used a method (ANYMTHD=2)

If R has only had 1 sexual partner in the past 12 months and it was her first partner, and she has only had sex with him once, take the method use information from the EB series (first method use).

- If recode PARTS1YR=1 and LIFEPR1=1 and cmlsexfp=9996, then
  - if recode SEX1MTHD1 LT 96 then MTHUSE12=1
  - else if SEX1MTHD1=96 then MTHUSE12=2

Otherwise, take method use information from the direct questions about method use at last sex with partners in the past 12 months. months (EF-1 USELSTP1).

Else: if EF-1 USELSTP1=1 then MTHUSE12=1  
if EF-1 USELSTP1=5 then MTHUSE12=2

If nothing has been assigned on MTHUSE12 and R meets criteria for “applicable” and is not coded 95, then if R had a hysterectomy and used no methods during the past 3 years, assign “1”

If INTR\_ED4a=5 then MTHUSE12=1

*Note: computed variable **cmlsexfp** is defined in Flow Check C-57 in the CAPI Reference Questionnaire.*

Code categories:

blank= inapplicable

1= used a method at last intercourse in past 12 months

2= did not use a method at last intercourse in past 12 months

95= R has never used a method

**METH12M1\*\*:** “Method used at last sex in the past 12 months-1st method”

METH12M1=inapplicable (BLANK) if:

-- R has never had intercourse (HADSEX=2)

-- R had no sexual partners in the past 12 months (PARTS1YR=0).

-- R has never used a method (ANYMTHD=2)

-- R did not use a method at last sex in the past 12 months (MTHUSE12=2)

If R has only had 1 sexual partner in the past 12 months and it was her first partner, and she has only had sex with him once, take the method use information from the EB series (first method use).

If recode PARTS1YR=1 and LIFEPR1=1 and cmlsexfp=9996, then METH12M1=recode SEX1MTHD1

Otherwise, take method use information from the direct questions about method use at last sex with partners in the past 12 months.

Else METH12M1=EF-2 LSTMTHP1 (subtract 2 from the LSTMTHP1 value to result in the below values on METH12M1)

If nothing has been assigned on METH12M1 and R meets criteria for “applicable,” then if R had a hysterectomy and used no methods during the past 3 years, assign “4” (female sterilizing operation or hysterectomy)

If INTR\_ED4a=5 then METH12M1=4

Code categories:

Blank= inapplicable

1= Pill

2= Condom

- 3= Partner's vasectomy
- 4= Female sterilizing operation/hysterectomy
- 5= Withdrawal
- 6= Depo-Provera injectable
- 7= Implant (Norplant or Implanon)
- 8= Rhythm or safe period by calendar
- 9= Safe period by temperature or cervical mucus test, natural family planning
- 10= Diaphragm
- 11= Female condom, vaginal pouch
- 12= Foam
- 13= Jelly or cream
- 14= Cervical cap
- 15= Suppository, insert
- 16= Today<sup>tm</sup> sponge
- 17= IUD, coil, loop
- 18= Emergency contraception
- 19= Other method
- 20= Respondent sterile (aside from sterilizing operation above)
- 21= Respondent's partner sterile (aside from vasectomy above)
- 22= Lunelle injectable
- 23= Contraceptive patch
- 24= Contraceptive ring

**METH12M2-METH12M4\*\*:**      **“Method used at last sex in the past 12 months-2nd/3rd/4th method”**

METH12M2-4=inapplicable (BLANK) if:

- R has never had intercourse (HADSEX=2)
- R had no sexual partners in the past 12 months (recode PARTS1YR=0).
- R has never used a method (ANYMTHD=2)
- R did not use a method at last sex in the past 12 months (MTHUSE12=2)
- R did not use a 2nd/3rd/4th method at last sex in the past 12 months

If R has only had 1 sexual partner in the past 12 months and it was her first partner, and she has only had sex with him once, take the method use information from the EB series (first method use).

If recode PARTS1YR=1 and LIFEPR1=1 and cmlsexfp=9996, then METH12M2/3/4 = recode SEX1MTHD2/ SEX1MTHD3/ SEX1MTHD4

Otherwise, take method use information from the direct questions about method use at last sex with partners in the past 12 months.

Else METH12M2/3/4 = EF-2 LSTMTHP2/3/4 (subtract 2 from the LSTMTHP2-4 value to result in the correct values on METH12M2-4)

Code categories:

see METH12M1

**MTHUSE3\*\*:**           **“Whether used any method at last sex in the past 3 months”**

This is identical to MTHUSE12 except for the time frame/universe: this only includes those who had sex in the past three months (based on dates of last sex with partners).

MTHUSE3=BLANK (inapplicable) if:

- R has never had intercourse (recode HADSEX=2)
- R had no sexual partners in the past 3 months (SEX3MO=2)

MTHUSE3=95 if R has never used a method (recode ANYMTHD=2)

If R has only had 1 sexual partner in the past 3 months and it was her first partner, and she has only had sex with him once, take the method use information from the EB series (first method use).

- If recode PARTS1YR=1 and LIFEPR1=1 and cmlsexfp=9996, then do;
  - if recode SEX1MTHD1 < 95 then MTHUSE3=1
  - else if recode SEX1MTHD1=96 then MTHUSE3=2

Otherwise, take method use information from the direct questions about method use at last sex with partners in the past 12 months (EF-1 USELSTP1).

- Else: if EF-1 USELSTP1=1 then MTHUSE3=1
- if EF-1 USELSTP1=5 then MTHUSE3=2

If nothing has been assigned on MTHUSE3 and R meets criteria for “applicable” and is not coded 95, then if R had a hysterectomy and used no methods during the past 3 years, assign “1”

- If INTR\_ED4a=5 then MTHUSE3=1

*Note: If R had a hysterectomy during the method calendar (ED series) time frame, she was asked whether she used any contraceptive methods during this period. If she responded “no” she was skipped past the EF series. These respondents are coded “1” on this recode.*

Code categories:

- blank= inapplicable
- 1= used a method at last intercourse in past 3 months
- 2= did not use a method at last intercourse in past 3 months
- 95= R has never used a method

**METH3M1\*\*:**           **“Method used at last sex in past 3 months-1st method”**

This is identical to METH12M1 except for the time frame/universe: this only includes those who had sex in the past three months (based on dates of last sex with partners).

METH3M1=inapplicable (BLANK) if:

- R has never had intercourse (HADSEX=2)
- R has never used a method (ANYMTHD=2)
- R had no sexual partners in the past 3 months (SEX3MO=2).
- R did not use a method at last sex in the past 3 months (MTHUSE3=2)

If R has only had 1 sexual partner in the past 3 months and it was her first partner, and she has only had sex with him once, take the method use information from the EB series (first method use).

If recode PARTS1YR=1 and LIFEPR1=1 and cmlsexfp=9996, then  
METH3M1=SEX1MTHD1

Otherwise, take method use information from the direct questions about method use at last sex with partners in the past 12 months.

Else METH3M1=EF-2 LSTMTHP1 (subtract 2 from the LSTMTHP1 value to result in the below values on METH3M1)

If nothing has been assigned on METH3M1 and R meets criteria for “applicable,” then if R had a hysterectomy and used no methods during the past 3 years, assign “4” (female sterilizing operation or hysterectomy)

If INTR\_ED4a=5 then METH3M1=4

*Note: If R had a hysterectomy during the method calendar (ED series) time frame, she was asked whether she used any contraceptive methods during this period. If she responded “no” she was skipped past the EF series. These respondents are coded “4” on this recode.*

Code categories:

Blank= inapplicable

1= Pill

2= Condom

3= Partner’s vasectomy

4= Female sterilizing operation/hysterectomy

5= Withdrawal

6= Depo-Provera, injectables

7= Implant (Norplant or Implanon)

8= Rhythm or safe period by calendar

9= Safe period by temperature or cervical mucus test, natural family planning

10= Diaphragm

11= Female condom, vaginal pouch

12= Foam

13= Jelly or cream

14= Cervical cap

15= Suppository, insert

16= Today™ sponge

17= IUD, coil, loop

18= Emergency contraception

19= Other method

20= Respondent sterile (aside from sterilizing operation above)

21= Respondent’s partner sterile (aside from vasectomy above)

22= Lunelle injectable

23= Contraceptive patch

24= Contraceptive ring

**METH3M2-METH3M4\*\*:** “Method used at last sex in past 3 months-2nd - 4th method”

This is identical to METH12M2-4 except for the time frame/universe: this only includes those who had sex in the past three months

METH3M2-4=inapplicable (BLANK) if:

- R has never had intercourse (HADSEX=2)
- R has never used a method (ANYMTHD=2)
- R had no sexual partners in the past 3 months (SEX3MO=2).
- R did not use a method at last sex in the past 3 months (MTHUSE3=2)
- R did not use a 2nd/3rd/4th method at last sex in the past 3 months

If R has only had 1 sexual partner in the past 3 months and it was her first partner, and she has only had sex with him once, take the method use information from the EB series (first method use).

If recode PARTS1YR=1 and LIFEPR1=1 and cmlsexfp=9996, then METH3M2/3/4 = SEX1MTHD2/ SEX1MTHD3/ SEX1MTHD4

Otherwise, take method use information from the direct questions about method use at last sex with partners in the past 12 months.

Else METH3M2/3/4 = EF-2 LSTMTHP2/3/4 (subtract 2 from the LSTMTHP2-4 value to result in the correct values on METH3M2-4)

*User Note:* See note on METH3M1

Code categories:

See METH3M1

**NUMP3MOS\*\*:** “Number of male partners in past 3 months”

NUMP3MOS is blank (inapplicable) if R has never had sexual intercourse (recode HADSEX=2).

Otherwise:

If R had no sex partners in the last 3 months (SEX3MO=2), then NUMP3MOS=0

Else if R had 1 or more sex partners in the last 3 months (SEX3MO=1), then:

For the dates to look at, for whether it falls in the past 3 months, if any of the partners was same as the first partner, or the first partner was same as cohabiting partner or husband already discussed and number of lifetime partners is > 1, use only the dates for the last 3 partners.

If CI-4 MATCHFPX=1 or MATCHFPX2=1 or MATCHFPX3=1 or (CG-2 SAMEMAN=1 and LIFEPR1>1) then use:

**cmlsexx, cmlsexx2, cmlsexx3**

Else use:

**cmfplast, cmlsexx, cmlsexx2, cmlsexx3**

The condition implicit in the above else statement is:

1) if none of the partners was the first partner, or  
2) first partner was same as husband/cohab, and only one partner in life,  
use the dates for the last 3 partners, plus the date for the first partner.

if

1) (CI-4 MATCHFPX=5 or sysmis and MATCHFPX2=5 or sysmis and  
MATCHFPX3=5 or sysmis and CG-2 SAMEMAN =5 or sysmis) or  
2) (CG-2 SAMEMAN=1 and LIFEPR1=1)

If 1, 2, or 3 partners in the past year (PARTS1YR<4) then do:

For each partner for whom the date of last sex is within past 3 months (computed variable for date, as defined above is GE cmintvw-2), increment NUMP3MOS by 1. (NUMP3MOS=1, 2, or 3)

Else if more than 3 partners in the last 12 months (PARTS1YR>=4) then:

For each partner with whom the date of last sex is within the past 3 months (computed variable for date, as defined above, is GE cmintvw-2), increment NUMP3MOS by 1 (NUMP3MOS=1, 2, or 3), except if all 3 partners fall within past 3 months, then NUMP3MOS=4.

Else, for each partner with whom the date of last sex (computed variables set as defined above) is within the past 3 (computed variable for date, as defined above, is GE cmintvw-2), increment NUMP3MOS by 1.

*User Notes:*

-- Computed variable *cmintvw* is defined in Flow Check A-1

-- Code categories:

*The questionnaire was designed to capture a maximum of 3 partners within the past year. Therefore for respondents who had 4 or more partners in the past year, there is some degree of unknown with respect to numbers of partners in the past 3 months. If all 3 partner slots are filled with dates in the past 3 months, there could have been one or more additional partners within the past 3 months, but this is not ascertainable. This is the reason for code category "4" and the distinction between categories 3 and 4.*

-- *NUMP3MOS is defined even if one or more of the dates are "don't know" or "refused." In other words, NUMP3MOS is incremented for any valid date falling within the past 3 months.*

-- *The above specs do not properly take into account situations in which 1) MATCHFPX[n] =DK/RF or 2) number of lifetime partners=1 (lifeprts=1). These cases were edited to be correct on this recode for release 2006-2010.*

-- *NUMP3MOS can exceed PARTS1YR (8 cases in the 2006-2010 release). This is because the R provided inconsistent information in the interview: Reported "1" to number of partners in the past year, but identified 2 dates of last sex within the past 3 months, and reported they were not the same partner).*

*Imputation Note:* Computed based on imputed values of the source recodes.

Code categories:

Blank	=Inapplicable
0	=0 partners
1	=1 partner
2	=2 partners
3	=3 partners exactly
4	=3, possibly more partners

**FMETHOD1\*\*:** “First method ever used-1st”

FMETHOD1=inapplicable (blank) if:

if R has never used a method, including surgical sterilization (computed variable **everused**=no and DA-1 EVERTUBS NE 1 or 6 and Da-9 WHATOPSM NE 1, 2, or 6).

FMETHOD1=EB-1 FIRSMETH1 (subtract 2 from value for FIRSMETH1 to arrive at proper value for FMETHOD1)

Code categories:

Blank=	inapplicable
1=	Pill
2=	Condom
3=	Partner’s vasectomy
4=	Female sterilizing operation/tubal ligation
5=	Withdrawal
6=	Depo-Provera, injectables
7=	Implant (Norplant or Implanon)
8=	Rhythm or safe period by calendar
9=	Safe period by temperature or cervical mucus test, natural family planning
10=	Diaphragm
11=	Female condom, vaginal pouch
12=	Foam
13=	Jelly or cream
14=	Cervical cap
15=	Suppository, insert
16=	Today™ sponge
17=	IUD, coil, loop
18=	Emergency contraception
19=	Other method
20=	Respondent sterile (aside from sterilizing operation above)
21=	Respondent’s partner sterile (aside from vasectomy above)
22=	Lunelle injectable
23=	Contraceptive patch
24=	Contraceptive ring

**FMETHOD2-FMETHOD4\*\*:** “First method ever used-2nd-4th”

FMETHOD2-4=inapplicable (blank) if:

- R has never used a method, including surgical sterilization (computed variable **everused=no** and DB-1 EVERTUBS NE 1 or 6 and DB-9 WHATOPSM NE 1, 3, or 6).
- R did not use a 2nd/3rd/4th method the first time she used a method.

FMETHOD2-4=EB-1 FIRSMETH2/3/4 (subtract 2 from value for FIRSMETH2-4 to arrive at proper value for FMETHOD2-4)

Code categories:

See FMETHOD1

**DATEUSE1\*\*:** “Date R used first method for the first time”

DATEUSE1= inapplicable (BLANK) if:

- R has never had intercourse (HADSEX=2); or
- R has never used a method, including sterilization of R or current husband/partner (computed variable **everused=no**).

DATEUSE1=(computed variable **cmfirsm**)

The following estimation procedure should be used for cases with inconsistent responses, described below, to

- 1) EB-2 FIRTIME1/FIRTIME2 with respect to
- 2) cmfstuse / cmfstsex

(note: such inconsistency could have resulted by overriding EDIT CHECK EB3\_7 or EB3\_8)

If R has used a method (**everused=1** or DA-1 EVERTUBS=1, 4, or 6 or DA-9 WHATOPSM=1, 2, or 6) and if there is a valid date for **cmfirsm** and **cmfstsex** (**cmfirsm/cmfstsex** NE “DK/RF”)

- and she used her first method after her first intercourse (EB\_2 FIRTIME1/FIRTIME2=3,4,5 or 6) , BUT her date of first method use is before the date of first intercourse (computed variable **cmfirsm** < computed variable **cmfstsex**), then DATEUSE1 is estimated using the *midpoint* of the time interval (EB\_2 FIRTIME1/FIRTIME2) plus **cmfstsex**
- and she used her first method at her first intercourse (EB\_2 FIRTIME1/FIRTIME2=2), BUT her date of first method use is before or after the date of first intercourse (computed variable **cmfirsm** < computed variable **cmfstsex** or **cmfirsm** > **cmfstsex**), then change DATEUSE1 to **cmfstsex**.

The midpoints of the intervals are estimated by:

- If FIRTIME1/2=2, the first time R had intercourse, then midpoint=0
- FIRTIME1/2=3, less than 1 month after first intercourse, then midpoint=1
- FIRTIME1/2=4, 1-3 months after first intercourse, then midpoint=2
- FIRTIME1/2=5, 4-12 months after first intercourse, then midpoint=8
- FIRTIME1/2=6, more than 12 months after first intercourse, then midpoint= 8

The following also uses the estimation procedure, this time to compensate for missing data:

If R reported “DK/RF” to either the month or the year in EB-3 WNFSTUSE\_M/WNFSTUSE\_Y, but did report an interval after (or at) first intercourse (EB\_2 FIRSTIM1/FIRSTIME2=2 through 6), and there is a valid date for cmfstsex (cmfstsex NE “DK/RF”) then: DATEUSE1= cmfstsex plus the midpoint of the interval (estimated as above):

$$\text{DATEUSE1} = 90000 + \text{cmfstsex} + \text{midpoint}$$

*Note: The first column of this century-month variable is “9” if the month is estimated from EB-2 FIRSTIME1/2, and “0” otherwise. This estimation procedure gives priority to the report of relative timing of 1st method use and 1st sex (FIRSTIME1/2) over the report of date of 1st method use.*

*Imputation note: Imputation needed if cmfstsex=DK/RF.*

Code categories:

BLANK	= inapplicable
xxxx - nnnn	= date of 1st method use
9xxxx - 9nnnn	= date of 1st method use (estimated)

**OLDWPnn\*\*:** “Wantedness of pregnancy -- Respondent’s partner --Cycle 4 version”

OLDWPnn is blank (inapplicable) if R has been pregnant less than N times (PREGNUM LT N).

Otherwise,

If R has had an Nth pregnancy (recode PREGNUM GE N), then OLDWPnn is transferred from pregnancy file recode OLDWANTP for R’s Nth pregnancy.

Code categories:

blank	= inapplicable (never had an Nth pregnancy)
1	= Later, overdue
2	= Right time
3	= Too soon, mistimed
4	= Didn’t care, indifferent
5	= Unwanted
6	= Don’t know, not sure

**OLDWRnn\*\*:** “Wantedness of pregnancy -- Respondent -- Cycle 4 version”

OLDWRnn is blank (inapplicable) if R has been pregnant less than N times (PREGNUM LT N).

Otherwise,

If R has had an Nth pregnancy (recode PREGNUM GE N), then OLDWRnn is transferred from pregnancy file recode OLDWANTR for R’s Nth pregnancy.

Code categories:

- blank= inapplicable (never had an Nth pregnancy)
- 1= Later, overdue
- 2= Right time
- 3= Too soon, mistimed
- 4= Didn't care, indifferent
- 5= Unwanted
- 6= Don't know, not sure

**WANTRPnn\*\*:**      **“Wantedness of pregnancy -- Respondent”**

WANTRPnn is blank (inapplicable) if R has been pregnant less than N times (recode PREGNUM LT N).

Otherwise,

If R has had an Nth pregnancy (recode PREGNUM GE N), then WANTRPnn is transferred from pregnancy file recode WANTRESP for R's Nth pregnancy.

Code categories:

- blank= inapplicable (never had an Nth pregnancy)
- 1= Later, overdue
- 2= Right time
- 3= Too soon, mistimed
- 4= Didn't care, indifferent
- 5= Unwanted
- 6= Don't know, not sure

**WANTPnn\*\*:**      **“Wantedness of pregnancy -- Partner”**

WANTPnn is blank (inapplicable) if R has been pregnant less than N times (recode PREGNUM LT N).

Otherwise,

If R has had an Nth pregnancy (recode PREGNUM GE N), then WANTPnn is transferred from pregnancy file recode WANTPART for R's Nth pregnancy.

Code categories:

- blank= inapplicable (never had Nth-order pregnancy)
- 1= Later, overdue
- 2= Right time
- 3= Too soon, mistimed
- 4= Didn't care, indifferent
- 5= Unwanted
- 6= Don't know, not sure

**WANTP5\*\*:**            **“Number of wanted pregnancies in the last 5 years”**

This recode is the number of pregnancies (including a current pregnancy) that a respondent has had:

- that she wanted (coded 1-4 in interval file recode WANTRESP, which is equivalent to respondent file recodes WANTRP01 through WANTRP20), and
- that ended in the 60 months before the date of interview (including current pregnancies) (if (cmintvw minus recode DATENDnn for completed pregnancies) LE 60).

WANTP5 is inapplicable (blank) if:

R has never been pregnant (recode PREGNUM=0) or had no pregnancies end in the 5 years before interview (if (cmintvw minus recode DATENDnn) GT 60).

If R is currently pregnant and she wanted this child (recode RCURPREG=yes and WANTRESP (or WANTRPnn) = 1, 2, 3, or 4) for the current pregnancy, then this pregnancy is counted towards WANTP5.

*Note: The 60 months include the month of interview.*

Code categories:

Blank = inapplicable

0 = No wanted pregnancies in the last 5 years

1-20 = Number of wanted pregnancies in the last 5 years

**SOURCEM1-4\*\*:**    **"Source of method(s) used in month prior to interview"**

This set of recodes is the source of current method(s), where “current” refers to the month prior to the interview month. This applies only to Rs who were "at risk of pregnancy." (See CRQ, Section E, Series EH).

SOURCEM1-4=blank (inapplicable):

if R is not at risk of pregnancy, as defined in the questionnaire:

if R is currently pregnant

-- (CURRPREG=yes) or

if R did not have sex in the month of interview

-- (EC-8 MONSX[nnnn] for CMINTVW = 5) or

if R is sterile

-- (RSTRSTAT=1 or 2 or any of ED-6 METHHIST[nnnn] through

METHHIST[nnnn+4] for CMINTVW = 6) or

if R did not use a method in month prior to interview

-- (ED-6 METHHISTnnn - METHHISTnnnn+4 for month of interview minus 1) =  
“no method used” or system-missing or

if R did not use a method that was a drug or device in the month prior to interview

-- (ED-6 METHHISTnnn-METHHISTnnnn+4 for month of interview minus 1) =  
withdrawal, rhythm, partner’s vasectomy, safe period by temperature, sterile, other  
method, or respondent doesn’t know, or refused

Otherwise,

If R received the method or prescription for a method at a place that could have been a clinic (EH-3 PLACCUR1-4=3, 4, 6, 7), (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (ClinicFund[n] = 1 AND ClinicType[n] = 2), then SOURCEM1-4=1.

Else if R received it at a Title X clinic NOT sponsored by a public health department (ClinicFund[n] = 1 AND ClinicType[n] = 1, 3, 4 or 5) then SOURCEM1-4=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (ClinicFund[n] = 0 AND ClinicType[n] = 2), then SOURCEM1-4=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (ClinicFund[n] = 0 AND ClinicType[n] = 1, 3, 4 or 5), then SOURCEM1-4=4.

Else if R received it at a Title X clinic and the agency type is unknown (ClinicFund[n] = 1 AND ClinicType[n] = -6), then SOURCEM1-4=5.

Else if R received it at a non-Title X clinic and the agency type is unknown (ClinicFund[n] = 0 AND ClinicType[n] = -6), then SOURCEM1-4=6.

*(The condition that follows is intended to capture cases who reported codes 1, 2, 5, 8, 9, 10, 11,12,13, 14, or 20 on the corresponding EH-3 PLACCUR1-4 for this method.)*

If R used a method in month prior to interview, and SOURCEM1-4 still = . and R gave information on place (corresponding EH-3 PLACCUR1-4 ne .), then do:

If R received it at an employer or company clinic (corresponding EH-3 PLACCUR1-4=5), then SOURCEM1-4=7.

If R received it at a private doctor's office or HMO (corresponding EH-3 PLACCUR1-4 = 1 or 2), then SOURCEM1-4=8.

If R received it at a hospital emergency room, hospital regular room, or urgi-care center (corresponding EH-3 PLACCUR1-4 = 8,9,10), then SOURCEM1-4=9.

Else if R received it at "some other place" (corresponding EH-3 PLACCUR1-4 = 20), then SOURCEM1-4=10.

Else if R received it from a "friend" (corresponding EH-3 PLACCUR1-4 = 11), then SOURCEM1-4=11.

Else if R received it from a "partner or spouse" (corresponding EH-3 PLACCUR1-4 = 12), then SOURCEM1-4=12.

Else if R received it from a "drug store" (corresponding EH-3 PLACCUR1-4 = 13), then SOURCEM1-4=13.

Else if R received it through “mail order/internet” (corresponding EH-3 PLACCUR1-4 = 14), then SOURCEM1-4=14.

Code categories:

Blank	=	Inapplicable
1	=	Clinic: Title X=yes; health department=yes
2	=	Clinic: Title X=yes; health department =no
3	=	Clinic: Title X=no; health department=yes
4	=	Clinic: Title X=no; health department=no
5	=	Clinic: Title X=yes; agency unknown
6	=	Clinic: Title X=no; agency unknown
7	=	Employer or company clinic
8	=	Private doctor’s office or HMO
9	=	Hospital emergency room/regular room/urgent care
10	=	Some other place
11	=	Friend
12	=	Partner or spouse
13	=	Drug store
14	=	Mail order / internet

## Section F: Family Planning and Medical Services

### **FPTIT12\*\*:** “Type of clinic used for family planning services in last 12 months”

FPTIT12=blank (inapplicable) if:

R did not receive a family planning service in the last 12 months or R did not receive any family planning services in the last 12 months at a clinic (computed var IDCLINIC=0 or the place where received the family planning methods FA-5 BC12PLCX - BC12PLCX6 ne 3,4,6,7 or BC12PLCX14 ne 3,4,6,7 (last slot reserved for sterop12) [All in one service does not have to be done different b/c it shares slot for BC12PLCX].

*Family planning method in this recode refers to the following services: FA-1b BTHCON12, FA-1c MEDTST12, FA-1d BCCNS12, FA-1e STEROP12, FA-1f STCNS12, FA-1g EMCON12, and FA-1h ECCNS12. Computed variable **IDCLINIC** indicates the number of clinics R reported in the series BC12PLCX-BC12PLCX#. This revised recode will use the values of the recodes FPTITBC, FPTITCHK, FPTITCBC, FPTITSTE, FPTITCST, FPTITEC, AND FPTITCEC in order to determine if R visited a title x clinic in the last 12 months. Due to the task of identifying those reported as not in the database it is best to use the recodes themselves instead of the raw clinicfund# variables.*

Otherwise,

Else if R received one or more family planning services in the last 12 months at a Title X database clinic then FPTIT12=1.

Else If (FPTITBC = 1 or 2 or 5) or (FPTITCHK = 1 or 2 or 5) or (FPTITCBC = 1 or 2 or 5) or (FPTITCST = 1 or 2 or 5) or (FPTITEC = 1 or 2 or 5) or (FPTITCEC= 1 or 2 or 5) or (FPTITSTE = 1 or 2 or 5)

*Family planning method in this recode refers to the following services: FA-1b BTHCON12, FA-1c MEDTST12, FA-1d BCCNS12, FA-1e STEROP12, FA-1f STCNS12, FA-1g EMCON12, and FA-1h ECCNS12.*

Else if R received one or more family planning services in the last 12 months at a non-Title X database clinic, then FPTIT12=2.

Else If (FPTITBC NE 1 or 2 or 5) or (FPTITCHK NE 1 or 2 or 5) or (FPTITCBC NE 1 or 2 or 5) or (FPTITCST NE 1 or 2 or 5) or (FPTITEC NE 1 or 2 or 5) or (FPTITCEC NE 1 or 2 or 5) or (FPTITSTE NE 1 or 2 or 5)

*Family planning method in this recode refers to the following services: FA-1b BTHCON12, FA-1c MEDTST12, FA-1d BCCNS12, FA-1e STEROP12, FA-1f STCNS12, FA-1g EMCON12, and FA-1h ECCNS12.*

Code categories:

Blank	=	Inapplicable
1	=	Title X database clinic
2	=	Non-Title X database clinic

**FPTITMED\*\*:** “Type of clinic used for “medical services” in last 12 months”

FPTITMED=blank (inapplicable) if:

R did not receive any listed medical services in the last 12 months at a clinic (FA-5 BC12PLCX7 - BC12PLCX13 NE 3,4,6,7 only for medical services in last 12 months or (said yes to at least 1 medical service in the last 12 months and numbcvis=1 or numbcvis=missing and BC12PLCX NE 3,4,6,7.)

*Medical services in this recode refers to FA-3a PRGTST12, FA-3b ABORT12, FA-3c PAPI2, FA-3d PELVIC12, FA-3e PRENAT12, FA-3f PARTUM12, FA-3g STDSVC12.*

*This revised recode will use the values of the recodes FPTITPRE, FPTITABO, FPTITPAP, FPTITPEL, FPTITPRN, FPTITPPR, AND FPTITSTD in order to determine if R visited a title x clinic in the last 12 months. Due to the task of identifying those reported as not in the database it is best to use the recodes themselves instead of the raw clinicfund# variables.*

Otherwise:

Else if R received one or more medical services in the last 12 months at a Title X database clinic, then FPTITMED=1.

Else If (FPTITPRE = 1 or 2 or 5) or (FPTITABO = 1 or 2 or 5) or (FPTITPAP = 1 or 2 or 5) or (FPTITPEL = 1 or 2 or 5) or (FPTITPRN = 1 or 2 or 5) or (FPTITPPR= 1 or 2 or 5) or (FPTITSTD = 1 or 2 or 5)

*Medical services in this recode refers to FA-3a PRGTST12, FA-3b ABORT12, FA-3c PAPI2, FA-3d PELVIC12, FA-3e PRENAT12, FA-3f PARTUM12, FA-3g STDSVC12.*

Else if R received one or more medical services in the last 12 months at a non-Title X database clinic, then FPTITMED=2.

Else If (FPTITPRE NE 1 or 2 or 5) or (FPTITABO NE 1 or 2 or 5) or (FPTITPAP NE 1 or 2 or 5) or (FPTITPEL NE 1 or 2 or 5) or (FPTITPRN NE 1 or 2 or 5) or (FPTITPPR NE 1 or 2 or 5) or (FPTITSTD NE 1 or 2 or 5)

*Medical services in this recode refers to FA-3a PRGTST12, FA-3b ABORT12, FA-3c PAPI2, FA-3d PELVIC12, FA-3e PRENAT12, FA-3f PARTUM12, FA-3g STDSVC12.*

Code categories:

Blank	=	Inapplicable
1	=	Title X database clinic
2	=	Non-Title X database clinic

**FPTITSTE\*\*†:** “Source of service in the last 12 months: Sterilization operation”

FPTITSTE=blank (inapplicable)

If R did not receive a sterilizing operation in the last 12 months (FA-1e STEROP12 = 5). (STEROP12 is a new variable in section F that was not in cycle 6 and indicates whether R had a sterilization operation in the last 12 months.) This also includes DK (don't know).

Otherwise if R had a sterilization operation in the last 12 months (FA-1e STEROP12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX14= 3,4,6,7) (i.e., the clinic database was

invoked), then do:

If R received it at a Title X clinic in a public health department (Clinicfund19 = 1 and Clinictype19 = 2), then FPTITSTE=1.

Else if R received it at a Title X clinic and the agency type is unknown (Clinicfund19 = 1 and Clinictype19=-6), then FPTITSTE=5.

Else if R received it at a non-Title X clinic and the agency type is unknown (Clinicfund19 = 0 and Clinictype19=-6), then FPTITSTE=6.

Else if R received it at a Title X clinic sponsored by other than a public health department (Clinicfund19 = 1 and Clinictype19 ne 2), then FPTITSTE=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund19 = 0 and Clinictype19 = 2), then FPTITSTE=3.

Else if R received it at a non-Title X clinic that was sponsored by other than a public health department (Clinicfund19 = 0 and Clinictype19 ne 2), then FPTITSTE=4.

*(The condition that follows is intended to capture cases who reported codes FA-5 BC12PLCX14=1, 2, 5, 8, 9, 10, or 20).*

Else if FA-1e STEROP12 = 1 and FPTITSTE still = . and R gave information on place ( FA-5 BC12PLCX14 ne .), then do:

Else if R received it at an employer or company clinic (FA-5 BC12PLCX14 = 5), then FPTITSTE=7.

Else if R received it at a private doctor's office or HMO (FA-5 BC12PLCX14 = 1 or 2), then FPTITSTE=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (FA-5 BC12PLCX14 = 8, 9, 10), then FPTITSTE=9.

Else if R received it some other place (FA-5 BC12PLCX14= 20), then FPTITSTE=10.

Else if (FA-1e STEROP12= 1 and NUMBCVIS=1) or (FA-1e STEROP12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX14 use BC12PLCX, instead of Clinicfund19 use Clinicfund6, and instead of Clinictype19 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
1	=	Clinic: Title X=yes; health department=yes
2	=	Clinic: Title X=yes; health department =no
3	=	Clinic: Title X=no; health department=yes
4	=	Clinic: Title X=no; health department=no

5	=	Clinic: Title X=yes; agency unknown
6	=	Clinic: Title X=no; agency unknown
7	=	Employer or company clinic
8	=	Private doctor's office or HMO
9	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITBC\*\*†:**       **“Source of service in the last 12 months: Method of birth control or prescription for a method”**

FPTITBC=blank (inapplicable) if R did not report receiving a method of birth control or prescription for a method from a medical care provider in the last 12 months (FA-1b BTHCON12 ne 1). This also includes DK (don't know).

Otherwise,

If R received a method of birth control or prescription for a method from a medical care provider in the last 12 months (FA-1b BTHCON12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX= 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund6= 1 AND Clinictype6 = 2), then FPTITBC=1.

Else if R received it at a Title X clinic and the agency type is unknown (Clinicfund6= 1 AND Clinictype6=-6), then FPTITBC=5.

Else if R received it at a non-Title X clinic and the agency type is unknown (Clinicfund6= 0 AND Clinictype6=-6), then FPTITBC=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund6= 1 AND Clinictype6 ne 2), then FPTITBC=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund6= 0 AND Clinictype6= 2), then FPTITBC=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund6= 0 AND Clinictype6 ne 2), then FPTITBC=4.

*(The condition that follows is intended to capture cases who reported codes FA-5 BC12PLCX=1, 2, 5, 8, 9, 10, or 20.)*

Else if FA-1b BTHCON12 = 1 and FPTITBC still = . and R gave information on place ( FA-5 BC12PLCX ne .), then do:

If R received it at an employer or company clinic (FA-5 BC12PLCX= 5), then FPTITBC=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX= 1 or 2), then

FPTITBC=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (FA-5 BC12PLCX=8,9,10), then FPTITBC=9

Else if R received it at “some other place” (FA-5 BC12PLCX= 20), then FPTITBC=10.

Note: do not need to take into account “all in one service condition” for this one because bc12plcx is the slot being share for all in one service.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency unknown
06	=	Clinic: Title X=no; agency unknown
07	=	Employer or company clinic
08	=	Private doctor’s office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITCHK\*\*†:** “Source of service in the last 12 months: Check-up or medical test related to using a birth control method”

FPTITCHK=blank (inapplicable) if R did not report receiving a check-up or medical test related to using a birth control from a medical care provider in the last 12 months (FA-1c MEDTST12 ne 1). This also includes DK (don’t know).

Otherwise,

If R received a check-up or medical test related to using a birth control from a medical provider in the last 12 months (FA-1c MEDTST12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX2= 3, 4, 6, 7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund7= 1 AND Clinictype7 = 2), then FPTITCHK=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund7= 1 AND Clinictype7=-6), then FPTITCHK=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund7 = 0 AND Clinictype7 = -6), then FPTITCHK=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund7 = 1 AND Clinictype7 ne 2), then FPTITCHK=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund7= 0 AND Clinictype7 = 2), then FPTITCHK=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund7 = 0 AND Clinictype7 ne 2), then FPTITCHK=4.

*(The condition that follows is intended to capture cases who reported codes FA-5 BC12PLCX2= 1, 2, 5, 8, 9, 10, or 20.)*

If FA-1c MEDTST12 = 1 and FPTITCHK still = . and R gave information on place (FA-5 BC12PLCX2 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX2= 5), then FPTITCHK=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX2= 1 or 2), then FPTITCHK=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX2=8,9,10), then FPTITCHK=9

Else if R received it at "some other place" (FA-5 BC12PLCX2= 20), then FPTITCHK=10.

Else if (FA-1c MEDTST12 = 1 and NUMBCVIS=1) or (FA-1c MEDTST12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX2 use BC12PLCX, instead of Clinicfund7 use Clinicfund6, and instead of Clinictype7 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITCBC\*\*†:** "Source of service in the last 12 months: Counseling about BC"

FPTITCBC=blank (inapplicable) if R did not report receiving counseling or information about birth control from a medical care provider in the last 12 months (FA-1d BCCNS12 ne 1). This also includes DK (don't know).

Otherwise,

If R received counseling or information about birth control from a medical care provider in the last 12 months (FA-1d BCCNS12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX3 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund8= 1 AND Clinictype8 = 2), then FPTITCBC=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund8 = 1 AND Clinictype8 = -6), then FPTITCBC=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund8 = 0 AND Clinictype8 = -6), then FPTITCBC=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund8 = 1 AND Clinictype8 ne 2), then FPTITCBC=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund8 = 0 AND Clinictype8 = 2), then FPTITCBC=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund8 = 0 AND Clinictype8 ne 2), then FPTITCBC=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX3=1, 2, 5, 8, 9, 10, or 20.)*

If FA-1d BCCNS12 = 1 and FPTITCBC still = . and R gave information on place ( FA-5 BC12PLCX3 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX3 = 5), then FPTITCBC=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX3 = 1 or 2), then FPTITCBC=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX3=8,9,10), then FPTITBC=9

Else if R received it at "some other place" (FA-5 BC12PLCX3 = 20), then FPTITCBC=10.

Else if (FA-1d BCCNS12 = 1 and NUMBCVIS=1) or (FA-1d BCCNS12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX3 use BC12PLCX, instead of Clinicfund8 use Clinicfund6, and instead of Clinictype8 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes

02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type is unknown
06	=	Clinic: Title X=no; agency type is unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITCST\*\*†: “Source of service in the last 12 months: Counseling about sterilization”**

FPTITCST=blank (inapplicable) if R did not report receiving counseling about getting a sterilized from a medical care provider in the last 12 months (FA-1f STCNS12 ne 1). This also includes DK (don't know).

Otherwise,

If R received counseling about getting sterilized from a medical care provider in the last 12 months (FA-1e STCNS12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX4 = 3,4,6,7 ) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund9 = 1 AND Clinictype9 = 2), then FPTITCST=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund9 = 1 AND Clinictype9=-6), then FPTITCST=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund9 = 0 AND Clinictype9 = -6), then FPTITCST=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund9 = 1 AND Clinictype9 ne 2), then FPTITCST=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund9 = 0 AND Clinictype9 = 2), then FPTITCST=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund9 = 0 AND Clinictype9 ne 2), then FPTITCST=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX4 = 1, 2, 5, 8, 9, 10, or 20.)*

If FA-1e STCNS12 = 1 and FPTITCST still = . and R gave information on place (FA-5 BC12PLCX4 = ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX4 = 5), then FPTITCST=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX4 =1 or 2), then FPTITCST=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX4=8,9,10), then FPTITCST=9

Else if R received it at "some other place" (FA-5 BC12PLCX4 = 20), then FPTITCST=10.

Else if (FA-1e STCNS12 = 1 and NUMBCVIS=1) or (FA-1e STCNS12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX4 use BC12PLCX, instead of Clinicfund9 use Clinicfund6, and instead of Clinictype9 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITEC\*\*†: "Source of service in the last 12 months: Emergency Contraception"**

FPTITEC=blank (inapplicable) if R did not report receiving emergency contraception from a medical care provider in the last 12 months (FA-1g EMCON12 ne 1).

Otherwise,

If R received emergency contraception from a medical care provider in the last 12 months (FA-1g EMCON12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX5= 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund10 = 1 AND Clinictype10 = 2), then FPTITEC=1.

Else if R received it at a Title X clinic NOT and agency type is unknown (Clinicfund10 = 1 AND Clinictype10=-6), then FPTITEC=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund10 = 0 AND Clinictype10 =-6), then FPTITEC=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department

(Clinicfund10 = 1 AND Clinictype10 ne 2), then FPTITEC=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund10 = 0 AND Clinictype10 = 2), then FPTITEC=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund10 = 0 AND Clinictype10 ne 2), then FPTITEC=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX5 = 1, 2, 5, 8, 9, 10, or 20.)*

If FA-1f EMCON12 = 1 and FPTITEC still = . and R gave information on place (FA-5 BC12PLCX5 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX5= 5), then FPTITEC=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX5= 1 or 2), then FPTITEC=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX5=8,9,10), then FPTITEC=9

Else if R received it at "some other place" (FA-5 BC12PLCX5= 20), then FPTITEC=10.

Else if (FA-1g EMCON12 = 1 and NUMBCVIS=1) or (FA-1g EMCON12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX5 use BC12PLCX, instead of Clinicfund10 use Clinicfund6, and instead of Clinictype10 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITCEC\*\*†:**      **“Source of service in the last 12 months: Counseling about Emergency Contraception”**

FPTITCEC=blank (inapplicable) if R did not report receiving counseling about emergency contraception from a medical care provider in the last 12 months (FA-1h ECCNS12 ne 1).

Otherwise,

If R received counseling about emergency contraception from a medical care provider in the last 12 months (FA-1h ECCNS12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX6 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (CLINICFUND11= 1 AND CLINICTYPE11 = 2), then FPTITCEC=1.

Else if R received it at a Title X clinic and agency type is unknown (CLINICFUND11= 1 AND CLINICTYPE11= -6), then FPTITCEC=5.

Else if R received it at a non-Title X clinic and agency type is unknown (CLINICFUND11 = 0 AND CLINICTYPE11 = -6), then FPTITCEC=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (CLINICFUND11 = 1 AND CLINICTYPE11 ne 2), then FPTITCEC=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (CLINICFUND11 = 0 AND CLINICTYPE11 = 2), then FPTITCEC=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (CLINICFUND11= 0 AND CLINICTYPE11 ne 2), then FPTITCEC=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX6 =1, 2, 5, 8, 9, 10, or 20.)*

If FA-1g ECCNS12 = 1 and FPTITCEC still = . and R gave information on place (FA-5 BC12PLCX6 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX6 = 5), then FPTITCEC=7.

If R received it at private doctor’s office or HMO (FA-5 BC12PLCX6 = 1 or 2), then FPTITCEC=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX6=8,9,10), then FPTITCEC=9.

Else if R received it at ‘some other place’ (FA-5 BC12PLCX6 =20), then FPTITCEC=10.

Else if (FA-1h ECCNS12 = 1and NUMBCVIS=1) or (FA-1g ECCNS12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX6 use BC12PLCX, instead of

Clinicfund11 use Clinicfund6, and instead of Clinictype11 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type is unknown
06	=	Clinic: Title X=no; agency type is unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITPRE\*\*†: “Source of service in the last 12 months: Pregnancy test”**

FPTITPRE=blank (inapplicable) if R did not report receiving a pregnancy test from a medical care provider in the last 12 months (FA-3a PRGTST12 ne 1). This also includes DK (don't know).

Otherwise,

If R received a pregnancy test from a medical care provider in the last 12 months (FA-3a PRGTST12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX7= 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (CLINICFUND12 = 1 AND CLINICTYPE12 = 2), then FPTITPRE=1.

Else if R received it at a Title X clinic and agency type is unknown (CLINICFUND12 = 1 AND CLINICTYPE12= -6), then FPTITPRE=5.

Else if R received it at a non-Title X clinic and agency type is unknown (CLINICFUND12 = 0 AND CLINICTYPE12 = -6), then FPTITPRE=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (CLINICFUND12 = 1 AND CLINICTYPE12 ne 2), then FPTITPRE=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (CLINICFUND12 = 0 AND CLINICTYPE12 = 2), then FPTITPRE=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (CLINICFUND12 = 0 AND CLINICTYPE12 ne 2), then FPTITPRE=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX7=1, 2, 5, 8, 9, 10, or 20.)*

If FA-3a PRGTST12 = 1 and FPTITPRE still = . and R gave information on place ( FA-5 BC12PLCX7= ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX7= 5), then FPTITPRE=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX7= 1 or 2), then FPTITPRE=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX7=8,9,10), then FPTITPRE=9.

Else if R received it at "some other place" (FA-5 BC12PLCX7= 20), then FPTITPRE=10.

Else if (FA-3a PRGTST12 = 1 and NUMBCVIS=1) or (FA-3a PRGTST12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX7 use BC12PLCX, instead of Clinicfund12 use Clinicfund6, and instead of Clinictype12 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITABO\*\*†:**      **"Source of service in the last 12 months: Abortion"**

FPTITABO=blank (inapplicable) if R did not report receiving an abortion from a medical care provider in the last 12 months (FA-3b ABORT12 ne 1). This also includes DK (don't know).

Otherwise,

If R received an abortion from a medical care provider in the last 12 months (FA-3b ABORT12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX8= 3,4,6,7,) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund13 = 1 AND Clinictype13 = 2), then FPTITABO=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund13 = 1

AND Clinictype13= -6), then FPTITABO=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund13 = 0 AND Clinictype13 = -6), then FPTITABO=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund13 = 1 AND Clinictype13 ne 2), then FPTITABO=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund13= 0 AND Clinictype13= 2), then FPTITABO=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund13= 0 AND Clinictype13 ne 2), then FPTITABO=4.

*(The condition that follows is intended to capture cases who reported codes FA-5 BC12PLCX8=1, 2, 5, 8, 9, 10, or 20.)*

If FA-3b ABORT12 = 1 and FPTITABO still = . and R gave information on place (FA-5 BC12PLCX8 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX8= 5), then FPTITABO=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX8=1 or 2), then FPTITABO=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX8=8,9,10), then FPTITABO=9

Else if R received it at "some other place" (FA-5 BC12PLCX8=20), then FPTITABO=10.

Else if (FA-3b ABORT12 = 1 and NUMBCVIS=1) or (FA-3b ABORT12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX8 use BC12PLCX, instead of Clinicfund13 use Clinicfund6, and instead of Clinictype13 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITPAP\*\*†: “Source of service in the last 12 months: Pap smear”**

FPTITPAP=blank (inapplicable) if R did not report receiving a pap smear from a medical care provider in the last 12 months (FA-3c PAP12 ne 1). This also includes DK (don't know).

Otherwise,

If R received a pap smear from a medical care provider in the last 12 months (FA-3c PAP12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX9 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund14 = 1 AND Clinictype14 = 2), then FPTITPAP=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund14 = 1 AND Clinictype14= -6), then FPTITPAP=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund14 = 0 AND Clinictype14= -6), then FPTITPAP=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund14 = 1 AND Clinictype14 ne 2), then FPTITPAP=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund14 = 0 AND Clinictype14 = 2), then FPTITPAP=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund14 = 0 AND Clinictype14 ne 2), then FPTITPAP=4.

*(The condition that follows is intended to capture cases who reported codes FA-5 BC12PLCX9 = 1, 2, 5, 8, 9, 10, or 20.)*

If FA-3c PAP12 = 1 and FPTITPAP still = . and R gave information on place (FA-5 BC12PLCX9 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX9 = 5), then FPTITPAP=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX9 = 1 or 2), then FPTITPAP=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX9=8,9,10), then FPTITPAP=9

Else if R received it at “some other place” (FA-5 BC12PLCX9 = 20), then FPTITPAP=10.

Else if (FA-3c PAP12 = 1 and NUMBCVIS=1) or (FA-3c PAP12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX9 use BC12PLCX, instead of Clinicfund14 use Clinicfund6, and instead of Clinictype14 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITPEL\*\*†:**      **“Source of service in the last 12 months: Pelvic exam”**

FPTITPEL=blank (inapplicable) if R did not report receiving a pelvic exam from a medical care provider in the last 12 months (FA-3d PELVIC12 ne 1). This also includes DK (don't know).

Otherwise,

If R received a pelvic exam from a medical care provider in the last 12 months (FA-3d PELVIC12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX10 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund15 = 1 AND Clinictype15 = 2), then FPTITPEL=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund15 = 1 AND Clinictype15= -6), then FPTITPEL=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund15 = 0 AND Clinictype15 = -6), then FPTITPEL=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund15 = 1 AND Clinictype15 ne 2), then FPTITPEL=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund15 = 0 AND Clinictype15 = 2), then FPTITPEL=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund15 = 0 AND Clinictype15 ne 2), then FPTITPEL=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX10= 1, 2, 5, 8, 9, 10, or 20.)*

If FA-3d PELVIC12 = 1 and FPTITPEL still = . and R gave information on place (FA-5 BC12PLCX10 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX10 = 5), then FPTITPEL=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX10 = 1 or 2), then FPTITPEL=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX10)=8,9,10), then FPTITPEL=9

Else if R received it at "some other place" (FA-5 BC12PLCX10 = 20), then FPTITPEL=10.

Else if (FA-3d PELVIC12 = 1 and NUMBCVIS=1) or (FA-3d PELVIC12 = 1 and numsvcl2=1 and NUMBCVIS=missing) then instead of BC12PLCX10 use BC12PLCX, instead of Clinicfund15 use Clinicfund6, and instead of Clinictype15 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITPRN\*\*†: "Source of service in the last 12 months: Prenatal Care"**

FPTITPRN=blank (inapplicable) if R did not report receiving prenatal care from a medical care provider in the last 12 months (FA-3e PRENAT12 ne 1). This also includes DK (don't know).

Otherwise,

If R received prenatal care from a medical care provider in the last 12 months (FA-3e PRENAT12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX11 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund16 = 1 AND Clinictype16 = 2), then FPTITPRN=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund16 = 1 AND Clinictype16= -6), then FPTITPRN=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund16= 0

AND Clinictype16 = -6), then FPTITPRN=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund16 = 1 AND Clinictype16 ne 2), then FPTITPRN=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund16 = 0 AND Clinictype16 = 2), then FPTITPRN=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund16 = 0 AND Clinictype16 ne 2), then FPTITPRN=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX11 = 1, 2, 5, 8, 9, 10, or 20.)*

If FA-3e PRENAT12 = 1 and FPTITPRN still = . and R gave information on place (FA-5 BC12PLCX11 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX11 = 5), then FPTITPRN=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX11 = 1 or 2), then FPTITPRN=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX11=8,9,10), then FPTITPRN=9

Else if R received it at "some other place" (FA-5 BC12PLCX11 = 20), then FPTITPRN=10.

Else if (FA-3e PRENAT12 = 1 and NUMBCVIS=1) or (FA-3e PRENAT12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX11 use BC12PLCX, instead of Clinicfund16 use Clinicfund6, and instead of Clinictype16 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITPPR\*\*†: “Source of service in the last 12 months: Post-pregnancy care”**

FPTITPPR=blank (inapplicable) if R did not report receiving post-pregnancy care from a medical care provider in the last 12 months (FA-3f PARTUM12 ne 1). This also includes DK (don't know).

Otherwise,

If R received post-pregnancy care from a medical care provider in the last 12 months (FA-3f PARTUM12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX12 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund17= 1 AND Clinictype17= 2), then FPTITPPR=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund17= 1 AND Clinictype17= -6), then FPTITPPR=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund17 = 0 AND Clinictype17 = -6), then FPTITPPR=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund17 = 1 AND Clinictype17 ne 2), then FPTITPPR=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund17 = 0 AND Clinictype17 = 2), then FPTITPPR=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund17 = 0 AND Clinictype17 ne 2), then FPTITPPR=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX12 =1, 2, 5, 8, 9, 10, or 20.)*

If FA-3f PARTUM12 = 1 and FPTITPPR still = . and R gave information on place (FA-5 BC12PLCX12 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX12 = 5), then FPTITPPR=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX12 = 1 or 2), then FPTITPPR=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX12=8,9,10), then FPTITPPR=9

Else if R received it at “some other place” (FA-5 BC12PLCX12 = 20), then FPTITPPR=10.

Else if (FA-3f PARTUM12 = 1 and NUMBCVIS=1) or (FA-3f PARTUM12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX12 use BC12PLCX, instead

of Clinicfund17 use Clinicfund6, and instead of Clinictype17 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPTITSTD\*\*†:**      **"Source of service in the last 12 months: Testing/Treatment for other STD"**

FPTITSTD=blank (inapplicable) if R did not report receiving counseling for, or been tested or treated for a sexually transmitted disease by a medical care provider in the last 12 months (FA-3g STDSVC12 ne 1). This also includes DK (don't know).

Otherwise,

If R received counseling for, or been tested or treated for a sexually transmitted disease by a medical care provider in the last 12 months (FA-3g STDSVC12 = 1) and it was possibly received at a clinic (FA-5 BC12PLCX13 = 3,4,6,7) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund18 = 1 AND Clinictype18 = 2), then FPTITSTD=1.

Else if R received it at a Title X clinic and agency type is unknown (Clinicfund18 = 1 AND Clinictype18= -6), then FPTITSTD=5.

Else if R received it at a non-Title X clinic and agency type is unknown (Clinicfund18 = 0 AND Clinictype18 = -6), then FPTITSTD=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund18 = 1 AND Clinictype18 ne 2), then FPTITSTD=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund18 = 0 AND Clinictype18 = 2), then FPTITSTD=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund18 = 0 AND Clinictype18 ne 2), then FPTITSTD=4.

*(The condition that follows is intended to capture cases who reported FA-5 BC12PLCX13 = 1, 2, 5, 8, 9, 10, or 20).*

If FA-3g STDSVC12 = 1 and FPTITSTD still = . and R gave information on place (FA-5 BC12PLCX13 ne .), then do:

If R received it an employer or company clinic (FA-5 BC12PLCX13 = 5), then FPTITSTD=7.

If R received it at private doctor's office or HMO (FA-5 BC12PLCX13 = 1 or 2), then FPTITSTD=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (BC12PLCX13=8,9,10), then FPTITSTD=9.

Else if R received it at "some other place" (FA-5 BC12PLCX13 = 20), then FPTITSTD=10.

Else if (FA-3g STDSVC12 = 1 and NUMBCVIS=1) or (FA-3g STDSVC12 = 1 and numsvc12=1 and NUMBCVIS=missing) then instead of BC12PLCX13 use BC12PLCX, instead of Clinicfund18 use Clinicfund6, and instead of Clinictype18 use Clinictype6 and proceed as specified above.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency type unknown
06	=	Clinic: Title X=no; agency type unknown
07	=	Employer or company clinic
08	=	Private doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Some other place

**FPREGFP\*\*:"Whether a Title X clinic where R received (a) family planning service(s) in the last 12 months was R's regular place for medical care"**

FPREGFP=blank (inapplicable):

if R did not report receiving any family planning service at a Title X clinic in the last 12 months (FPTITBC ne 1 or 2 or 5 and FPTITCHK ne 1 or 2 or 5 and FPTITCBC ne 1 or 2 or 5 and FPTITCST ne 1 or 2 or 5 and FPTITEC ne 1 or 2 or 5 and FPTITCEC ne 1 or 2 or 5 and FPTITSTE ne 1 or 2 or 5). *Family planning method in this recode refers to the following services: FA-1b BTHCON12, FA-1c MEDTST12, FA-1d BCCNS12, FA-1e STEROP12, FA-1f STCNS12, FA-1g EMCON12, FA-1h ECCNS12.*

Otherwise,

FPREGFP = 1:

If R received one or more family planning services at a Title X clinic in the last 12 months, and a Title X clinic at which R received a family planning service in the last 12 months was a regular place for medical care for R.

Else If (FPTITBC = 1 or 2 or 5 and regcar12= 1 or 2) or  
(FPTITCHK = 1 or 2 or 5 and regcar13= 1 or 2) or  
(FPTITCBC = 1 or 2 or 5 and regcar14= 1 or 2) or  
(FPTITCST = 1 or 2 or 5 and regcar15= 1 or 2) or  
(FPTITEC = 1 or 2 or 5 and regcar16= 1 or 2) or  
(FPTITCEC= 1 or 2 or 5 and regcar17= 1 or 2) or  
(FPTITSTE = 1 or 2 or 5 and regcar25= 1 or 2)

Else, FPREGFP = 2:

If R received one or more family planning services at a Title X clinic in the last 12 months, and a Title X clinic at which R received a family planning service in the last 12 months was not a regular place for medical care for R.

Else if (FPTITBC = 1 or 2 or 5 and regcar12 = 3 or 4) or  
(FPTITCHK = 1 or 2 or 5 and regcar13 =3 or 4) or  
(FPTITCBC = 1 or 2 or 5 and regcar14 = 3 or 4) or  
(FPTITCST = 1 or 2 or 5 and regcar15 = 3 or 4) or  
(FPTITEC = 1 or 2 or 5 and regcar16 =3 or 4) or  
(FPTITCEC= 1 or 2 or 5 and regcar17= 3 or 4) or  
(FPTITSTE = 1 or 2 or 5 and regcar25= 3 or 4)

*Note: (If received a family planning service and NUMBCVIS=1) or (received a family planning service and numsvc12=1 and NUMBCVIS=missing) then instead of REGCAR12-REGCAR17 and regcar25, should check REGCAR12 per instructions above.*

Code categories:

Blank	=	Inapplicable
1	=	Yes
2	=	No

**FPREGMED\*\*:** "Whether a Title X clinic where R received (a) medical service(s) in the last 12 months was R's regular place for medical care"

FPREGMED=blank (inapplicable):

if R did not report receiving any medical service at a Title X clinic in the last 12 months (FPTITPRE ne 1 or 2 or 5 and FPTITABO ne 1 or 2 or 5 and FPTITPAP ne 1 or 2 or 5 and FPTITPEL ne 1 or 2 or 5 and FPTITPRN ne 1 or 2 or 5 and FPTITPPR ne 1 or 2 or 5 and FPTITSTD ne 1 or 2 or 5). *Medical service in this recode refers to FA-3a PGTST12, FA-3b ABORT12, FA-3c PAPI2, FA-3d PELVIC12, FA-3e PRENAT12, FA-3f PARTUM12, FA-3g STDSVC12.*

Otherwise,

FPREGMED = 1:

if R received one or more medical services at a Title X clinic in the last 12 months, and a Title X clinic at which R received a medical service in the last 12 month was a regular place for medical

care for R.

(FPTITPRE =1 or 2 or 5 and regcar18=1 or 2) or  
(FPTITABO =1 or 2 or 5 and regcar19=1 or 2) or  
(FPTITPAP =1 or 2 or 5 and regcar20=1 or 2) or  
(FPTITPEL =1 or 2 or 5 and regcar21=1 or 2) or  
(FPTITPRN =1 or 2 or 5 and regcar22=1 or 2) or  
(FPTITPPR =1 or 2 or 5 and regcar23=1 or 2) or  
(FPTITSTD =1 or 2 or 5 and regcar24=1 or 2)

Else, FPREGMED = 2:

if R received one or more medical services at a Title X clinic in the last 12 months, and a Title X clinic at which R received a medical service in the last 12 months was not a regular place for medical care for R.

(FPTITPRE =1 or 2 or 5 and regcar18=3 or 4 ) or  
(FPTITABO =1 or 2 or 5 and regcar19=3 or 4) or  
(FPTITPAP =1 or 2 or 5 and regcar20=3 or 4 ) or  
(FPTITPEL =1 or 2 or 5 and regcar21=3 or 4 ) or  
(FPTITPRN =1 or 2 or 5 and regcar22=3 or 4 ) or  
(FPTITPPR =1 or 2 or 5 and regcar23=3 or 4 ) or  
(FPTITSTD =1 or 2 or 5 and regcar24=3 or 4)

*Note: (If received a medical service and NUMBCVIS=1) or (received a medical service and numsvc12=1 and NUMBCVIS=missing) then instead of REGCAR18-REGCAR24, should check REGCAR12 per instructions above.*

Code categories:

Blank	=	Inapplicable
1	=	Yes
2	=	No

## Section G: Desire and Expectation for Future Births

### **INTENT\*\*:**            **“Intentions for additional births”**

*Note: For currently pregnant women INTENT refers to intentions after the current pregnancy. In Cycle 5 joint intentions were only asked of currently married women but in Cycle 6 (2002) and 2006-2010 both currently married and cohabiting women were asked.*

*(Blaise-computed variables **rstrstat** and **pstrstat** are defined in Flow Check D-33 and indicate surgical or nonsurgical sterility at time of interview.*

INTENT=1 (“intends to have (more) children”) if:

- R is currently married or cohabiting (AB-1 MARSTAT=1 or 2), neither she nor her husband/partner is sterile (rstrstat=0 and pstrstat=0), and she and her husband/partner intend to have a(nother) baby (GB-1 JINTEND = 1); or
- R is unmarried and not cohabiting (AB-1 MARSTAT NE 1 or 2), she is not sterile (rstrstat=0), and she intends to have a(nother) baby (GC-1 INTEND = 1).

INTENT=2 (“does not intend to have (more) children”) if:

- R or her current husband/partner is sterile (rstrstat NE 0 or pstrstat NE 0); or
- R is currently married or cohabiting (AB-1 MARSTAT=1 or 2), neither is sterile (rstrstat=0 and pstrstat=0), and they do not intend to have a(nother) baby (GB-1 JINTEND = 5); or
- R is unmarried and not cohabiting (AB-1 MARSTAT NE 1 or 2), she is not sterile (rstrstat=0), and (she does not intend to have a(nother) baby (GC-1 INTEND = 5) or GC-1 INTEND = . And GA-1 RWANT=5 or 8).

INTENT=3 (“does not know her intent”) if:

- R is currently married or cohabiting (AB-1 MARSTAT=1 or 2) and GB-1 JINTEND = DK); or
- R is unmarried and not cohabiting (AB-1 MARSTAT NE 1 or 2) and GC-1 INTEND = DK).

*Imputation Note: INTENT is imputed only if (GB-1 JINTEND = 8 or 9) or (GC-1 INTEND = 8 or 9).*

Code categories:

- |   |   |   |
|---|---|---|
| 1 | = | R intends to have (more) children         |
| 2 | = | R does not intend to have (more) children |
| 3 | = | R does not know her intent                |

**ADDEXP\*\*:**            **“Central number of additional births expected”**

*Note: In Cycle 5 joint expectations were only asked of currently married women but in Cycle 6 both currently married and cohabiting women were asked.*

*(Blaise-computed variables **rstrstat** and **pstrstat** are defined in Flow Check D-33 and indicate surgical or nonsurgical sterility at time of interview.)*

If R or her current husband or cohabiting partner is sterile (rstrstat NE 0 or pstrstat NE 0), then ADDEXP=000.

Else if R is currently married or cohabiting (AB-1 MARSTAT=1 or 2) and neither is sterile (rstrstat=0 and pstrstat=0), then do:

If R and her husband/partner do not intend to have a(nother) baby (GB-1 JINTEND = 5), then ADDEXP=0;

Else if GB-1 JINTEND = DK, RF, “Anot ascertained” and her largest expected is zero (GB-1 JEXPECTL = 0), then ADDEXP=0;

Else if R and her husband/partner intend to have a(nother) baby (GB-1 JINTEND = 1), and she gives an intended number (0 LE GB-3 JINTENDN LT 96), then ADDEXP=10\*JINTENDN;

Else if R and her husband/partner intend to have a(nother) baby (GB-1 JINTEND = 1), and she does not give an intended number (GB-3 JINTENDN=DK,RF) but gives largest and smallest (0 LE GB-5 JEXPECTS LT 96 AND 0 LT GB-4 JEXPECTL LT 96 ), then ADDEXP= 10\*((JEXPECTS +JEXPECTL)/2);

Else if GB-1 JINTEND = DK, RF, or “not ascertained” but she did give a largest and smallest number expected (0 LE GB-4 JEXPECTL LT 96 and 0 LE GB-5 JEXPECTS LT 96), then ADDEXP=10\* ((JEXPECTL + JEXPECTS)/2);

Else if GB-1 JINTEND = DK, RF, or “not ascertained” and she gave a largest number expected but smallest number is unknown (0 LE GB-4 JEXPECTL LT 96 and GB-5 JEXPECTS = DK, RF, or “not ascertained”), then ADDEXP=10\* ((JEXPECTL )/2);

Else if R is not currently married or cohabiting [(AB-1 MARSTAT NE 1 or 2)] and she is not sterile (rstrstat=0), then do:

If R does not intend to have a(nother) baby (GC-1 INTEND = 5 ), then ADDEXP=0;

Else if R intends to have a(nother) baby (GC-1 INTEND = 1), and she gives an intended number (0 LE C-3 INTENDN LT 96), then ADDEXP=10\*INTENDN;

Else if R intends to have a(nother) baby (GC-1 INTEND = 1), but she did not give an intended number (C-3 INTENDN=DK, RF) but she did give a largest and smallest number

expected (0 LE GC-4 EXPECTL LT 96 and 0 LE GC-5 EXPECTS LT 96), then  
 $ADDEXP = 10 * ((EXPECTL + EXPECTS)/2)$ .

Else if GC-1 INTEND= . (not ascertained) and RWANT NE 1 then ADDEXP=0;

Else if GC-1 INTEND = DK, RF, or “not ascertained” and her largest expected is zero  
(GC-4 EXPECTL = 0), then ADDEXP=0;

Else if GC-1 INTEND = DK, RF, or “not ascertained” but she did give a largest and  
smallest number expected (0 LE GC-4 EXPECTL LT 96 and 0 LE GC-5 EXPECTS LT  
96), then  $ADDEXP = 10 * ((EXPECTL + EXPECTS)/2)$ .

Else if GC-1 INTEND = DK, RF, or “not ascertained” and she gave a largest number  
expected but smallest number is unknown (0 LE GC-4 EXPECTL LT 96 and GC-5  
EXPECTS = DK), then  $ADDEXP=10*((EXPECTL )/2)$ .

Else if GC-1 INTEND = DK, RF, or “not ascertained” and she gave smallest number  
expected but largest number is unknown (0 LE GC-4 EXPECTS LT 96 and GC-5  
EXPECTL = DK), then  $ADDEXP=10*((EXPECTS)/2)$ .

After all of the above statements have been executed, an additional pregnancy is added to  
ADDEXP for all currently pregnant Rs:

If R is currently pregnant (CURRPREG=1), then  $ADDEXP=ADDEXP+10$

Code categories:

000=No additional births expected

005=.5 additional births

010=1 additional birth

015=1.5 additional births

020=2 additional births

...etc. through...

100=10 additional births

## **Section H: Infertility Services & Reproductive Health**

### **ANYPRGHP\*\*:** “Any medical help to become pregnant”

ANYPRGHP is inapplicable if R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18).

For all Rs who have ever had sexual intercourse with a male or who are 18 or older:

If R reported medical help to become pregnant (HA-1 HLPPRG = 1), then ANYPRGHP = 1 (yes).

Else if HA-1 HLPPRG=5 (no), then ANYPRGHP = 2 (no).

*Imputation Note:* Needed if HA-1 HLPPRG = DK or RF.

Code categories:

Blank	= Inapplicable
1	= Yes
2	= No

### **ANYMSCHP\*\*:** “Any medical help to prevent miscarriage”

ANYMSCHP is inapplicable if R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18).

For all Rs who have ever had sexual intercourse with a male or who are 18 or older:

If R reported medical help to prevent miscarriage (HB-1 HLPMC = 1), then ANYMSCHP = 1 (yes).

Else if HB-1 HLPMC = 5 (no), then ANYMSCHP = 2 (no).

*Imputation Note:* Needed if HB-1 HLPMC = DK or RF.

Code categories:

Blank	= Inapplicable
1	= Yes
2	= No

### **INFEVER\*\*:** “Ever used infertility services”

INFEVER is inapplicable if R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18).

For all Rs who have ever had sexual intercourse with a male or who are 18 or older:

If R reported seeking medical help either to get pregnant or to prevent miscarriage (ANYPRGHP=Yes or ANYMSCHP=Yes), INFEVER = 1 (yes).

Else if R reported neither form of help (ANYPRGHP=No and ANYMSCHP=No), INFEVER = 2 (no).

Code categories:

Blank = Inapplicable  
1 = Yes  
2 = No

**OVULATE\*\*:**        **“Infertility services: Drugs to improve ovulation”**

OVULATE is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

OVULATE is coded based on specific services reported in HA-5 TYPALLPGx. TYPALLPGx provides space for up to 6 “mentions” of services.

If code 3 is given in TYPALLPx, then OVULATE=1.  
Otherwise OVULATE=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**TUBES\*\*:**        **“Infertility services: Surgery to correct blocked tubes”**

TUBES is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

TUBES is coded based on specific services reported in HA-5 TYPALLPGx. TYPALLPGx provides space for up to 6 “mentions” of services.

If code 4 is given in TYPALLPx, then TUBES=1.  
Otherwise TUBES=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**INFERTR\*\*:**        **“Infertility services: Infertility testing on respondent”**

INFERTR is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5)  
and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

INFERTR is coded based on specific services reported in HA-5 TYPALLPGx and HA-5a WHOTEST. TYPALLPGx provides space for up to 6 “mentions” of services. WHOTEST indicates who received infertility testing.

If code 2 is given in TYPALLPx and WHOTEST EQ 1 or 5, then INFERTR=1.  
Otherwise INFERTR=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**INFERTH\*\*:**        **“Infertility services: Infertility testing on husband/partner”**

INFERTH is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5)  
and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

INFERTH is coded based on specific services reported in HA-5 TYPALLPGx and HA-5a WHOTEST. TYPALLPGx provides space for up to 6 “mentions” of services. WHOTEST

indicates who received infertility testing.

If code 2 is given in TYPALLPx and WHOTEST EQ 3 or 5, then INFERTH=1.  
Otherwise INFERTH=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**ADVICE\*\*:**           **“Infertility services: Advice”**

ADVICE is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5)  
and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

ADVICE is coded based on specific services reported in HA-5 TYPALLPGx. TYPALLPGx provides space for up to 6 “mentions” of services.

If code 1 is given in TYPALLPx, then ADVICE=1.  
Otherwise ADVICE=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**INSEM\*\*:**           **“Infertility services: Artificial insemination”**

INSEM is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5)  
and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

INSEM is coded based on specific services reported in HA-5 TYPALLPGx. TYPALLPGx provides space for up to 6 “mentions” of services.

If code 5 is given in TYPALLPx, then INSEM=1.  
Otherwise INSEM=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**INVITRO\*\*:**        **“Infertility services: In vitro fertilization or other assisted reproduction”**

INVITRO is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

INVITRO is coded based on specific services reported in HA-5 TYPALLPGx and HA-5c OTMEDHEPx. TYPALLPGx provides space for up to 6 “mentions” of services. OTMEDHEPx provides space for up to 5 “mentions” of other services.

If code 6 is given in TYPALLPx and code 2 is given in OTMEDHEPx, then INVITRO=1.  
Otherwise INVITRO=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**ENDOMET\*\*:**        **“Infertility services: Surgery or drug treatment for endometriosis”**

ENDOMET is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5) and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

ENDOMET is coded based on specific services reported in HA-5 TYPALLPGx and HA-5c OTMEDHEPx. TYPALLPGx provides space for up to 6 “mentions” of services. OTMEDHEPx provides space for up to 5 “mentions” of other services.

If code 6 is given in TYPALLPx and code 1 is given in OTMEDHEPx, then  
ENDOMET=1.

Otherwise ENDOMET=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**FIBROIDS\*\*:** “Infertility services: Surgery for uterine fibroids”

FIBROIDS is inapplicable if:

-- R has never had sexual intercourse with a male (Blaise-computed variable **rhadsex** = 5)  
and she is younger than 18 years (Blaise-computed variable **age\_r** < 18)

OR

-- R did not report seeking any medical help to become pregnant (HA-1 HLPPRG = 5 (no))

For all Rs who reported any medical help to become pregnant (HA-1 HLPPRG = 1):

FIBROIDS is coded based on specific services reported in HA-5 TYPALLPGx and HA-5c OTMEDHEPx. TYPALLPGx provides space for up to 6 “mentions” of services. OTMEDHEPx provides space for up to 5 “mentions” of other services.

If code 6 is given in TYPALLPx and code 3 is given in OTMEDHEPx, then  
FIBROIDS=1.

Otherwise FIBROIDS=2.

Code categories:

Blank = Inapplicable  
1 = Reported  
2 = Not reported

**PIDTREAT\*\*:** “Ever been treated for PID”

If PID treatment question is non-missing (HD-1 PID = 1 or 5), then PIDTREAT is taken straight from PID (PIDTREAT = PID).

*Imputation Note:* Cases imputed at least partly (if available) on response to HD-2 PIDSYMPT.

Code categories:

1 = Yes  
2 = No

**EVHIVTST\*\*:** “Ever had an HIV test”

EVHIVTST = 0 if:

R has not donated blood since March 1985, nor does she report ever having an HIV test.  
(HE-1 DONBLD85 = 5(no) and HE-3 HIVTEST = 5(no))

else EVHIVTST = 1 if:

R has only had her blood tested for HIV in the context of a blood donation since March 1, 1985.  
(HE-1 DONBLD85 = 1(yes) and HE-3 HIVTEST = 5(no))

else EVHIVTST = 2 if:

R has not donated blood since March 1985 but she reports an HIV test elsewhere.  
(HE-1 DONBLD85 =5(no) and HE-3 HIVTEST =1(yes))

else EVHIVTST = 3 if:

R reported both blood donation since March 1985 and HIV testing outside of blood donation.  
(HE-1 DONBLD85 =1(yes) and HE-3 HIVTEST =1(yes))

Code categories:

- 0 = No HIV test reported
- 1 = Yes, only as part of blood donation
- 2 = Yes, only outside of blood donation
- 3 = Yes, in both contexts

**FPTITHIV: “Source of HIV test received in the last 12 months”**

FPTITHIV=blank (inapplicable) if R did not report receiving an HIV test in the last 12 months.  
(HE-2 HIVTEST=5, dk, rf or CMHIVTST LT CMLSTYR or CMHIVTST =dk,rf ).  
(sets to sysmis if test was more than 12 months ago or dk/rf)

Otherwise,

If R received an HIV test in the last 12 months (HE-2 HIVTEST=1 and CMHIVTST GE CMLSTYR ) and it was possibly received at a clinic (HE-4 PLCHIV = 3,4,6,7, 14) (i.e., the clinic database was invoked), then do:

If R received it at a Title X clinic sponsored by a public health department (Clinicfund19= 1 AND Clinictype19 = 2), then FPTITHIV=1.

Else if R received it at a Title X clinic and the agency type is unknown (Clinicfund19= 1 AND Clinictype19=-6), then FPTITHIV=5.

Else if R received it at a non-Title X clinic and the agency type is unknown (Clinicfund19= 0 AND Clinictype19=-6), then FPTITHIV=6.

Else if R received it at a Title X clinic NOT sponsored by a public health department (Clinicfund19= 1 AND Clinictype19 ne 2), then FPTITHIV=2.

Else if R received it at a non-Title X clinic sponsored by a public health department (Clinicfund19= 0 AND Clinictype19= 2), then FPTITHIV=3.

Else if R received it at a non-Title X clinic NOT sponsored by a public health department (Clinicfund19= 0 AND Clinictype19 ne 2), then FPTITHIV=4.

*(The condition that follows is intended to capture cases who reported codes HE-4 PLCHIV = 1, 2, 5, 8, 9, 10, 11, 12, 13, 15, or 20.)*

Else if R received an HIV test in the last 12 months (HE-2 HIVTEST=1 and CMHIVTST GE CMLSTYR ) and FPTITHIV still = . and R gave information on place (HE-4 PLCHIV ne . ), then do:

If R received it at an employer or company clinic or at work site (HE-4 PLCHIV = 5 or 11), then FPTITHIV=7.

If R received it at private doctor's office or HMO (HE-4 PLCHIV = 1 or 2), then FPTITHIV=8.

Else if R received it at a hospital emergency room, hospital regular room, or urgi-care center (HE-4 PLCHIV =8,9,10), then FPTITHIV=9.

Else if R received hiv test at home (HE-4 PLCHIV=12) then FPTITHIV=10.

Else if R received hiv test at military site (HE-4 PLCHIV=13) then FPTITHIV=11.

Else if R received hiv test at lab or blood bank (HE-4 PLCHIV=15) then FPTITHIV=12.

Else if R received it at "some other place" (HE-4 PLCHIV = 20), then FPTITHIV=13.

Code categories:

Blank	=	Inapplicable
01	=	Clinic: Title X=yes; health department=yes
02	=	Clinic: Title X=yes; health department =no
03	=	Clinic: Title X=no; health department=yes
04	=	Clinic: Title X=no; health department=no
05	=	Clinic: Title X=yes; agency unknown
06	=	Clinic: Title X=no; agency unknown
07	=	Employer or company clinic/worksites
08	=	Private Doctor's office or HMO
09	=	Hospital emergency room/regular room/urgent care
10	=	Home
11	=	Military site
12	=	Lab or blood bank
13	=	Some other place

## Section I: Insurance; Residence & Place of Birth; Religion; Work Status

**CURR\_INS\*\*:**        “Current health insurance coverage status”

There are alternate ways in which the health insurance categories can be combined. This recode, CURR\_INS, differs from the Cycle 6 recode, INSURANC, in that it applies the same prioritization and collapsing rules as the National Health Interview Survey. INSURANC used a slightly different priority algorithm and categorized some of the fairly rare insurance types differently.

*User Note:*        CURR\_INS was not part of the initial public use file for the 2002 NSFG, but it was made available later on the NSFG webpage.

*User Note:*        For a description of the INSURANC recode that was constructed for the 2002 NSFG, see “NSFG Cycle 6 User’s Guide: Appendix 2 Recode Specifications for Female Respondent File, Female Pregnancy File, Male File.”

If R had insurance all 12 months (IA-1 COVER12 = 5) **AND** she reports only 1 type of insurance (IA-3 COVERHOW02 = .), then do:

CURR_INS = 1	R reports either a private health insurance or Medi-Gap (IA-3 COVERHOW01 = 1 or 4)
Else	
CURR_INS = 2	R is covered by Medicaid, CHIP, or state-sponsored health plans (IA-3 COVERHOW01 = 2, 7 or 9)
Else	
CURR_INS = 3	R is covered by Medicare, Military health care, or other government health care (IA-3 COVERHOW01 = 3, 5, or 10)
Else	
CURR_INS = 4	R has only a single service plan or only Indian Health Service (IA-3 COVERHOW01 = 6 or 8)

Else, if R had a period of time in the last 12 months when she did not have health insurance or doesn’t know or refuses to answer whether there was a time in the last 12 months when she did not have health insurance (IA-1 COVER12 = 1, 8, or 9) **OR** she reports more than 1 type of health insurance coverage in the last 12 months (IA-3 COVERHOW02 NE .) **OR** she does not report the type of coverage she had in the last 12 months but does report her current coverage ((IA-3 COVERHOW01 = 98 or 99) and (IA-4 NOWCOVER01 NE (., 98, or 99))), then do:

CURR_INS = 1	Any mention of either a private health insurance plan or Medi-Gap in any of the 10 positions (IA-4 NOWCOVERnn = 1 or 4)
--------------	--

Else

CURR\_INS = 2 Any mention of Medicaid, CHIP, or state-sponsored health plans  
(IA-4 NOWCOVERnn = 2, 7, or 9)

Else

CURR\_INS = 3 Any mention of Medicare, Military health care, or other  
government health care  
(IA-4 any NOWCOVERnn = 3, 5, or 10)

Else

CURR\_INS = 4 R is not currently covered by health insurance, has only a single  
service plan, or only the Indian Health Service coverage  
(IA-4 NOWCOVERnn = 6, 8, or 11)

Else, if R had no coverage for all of the past 12 months (IA-2 NUMNOCOV=12), then do:

CURR\_INS = 4 No health insurance in the last 12 months

*Imputation note: Imputed if NOWCOVER and COVERHOW are missing.*

Code categories:

- 1 = currently covered by private health insurance or Medi-Gap
- 2 = currently covered by Medicaid, CHIP, or a state-sponsored health plan
- 3 = currently covered by Medicare, Military health care, or other government health care
- 4 = currently covered only by a single-service plan, only by the Indian Health Service, or currently not covered by health insurance

**METRO\*\*:** “Place of residence (metropolitan-nonmetropolitan)”

METRO = R’s address at time of interview classified according to 2000 Census population counts. The U.S. Office of Management and Budget defines metropolitan statistical areas (MSA’s).

Code categories:

- 1 = MSA, central city
- 2 = MSA, other
- 3 = Not MSA

**RELIGION\*\*:** “Current religious affiliation”

RELIGION is a composite variable of the respondent’s current religious affiliation based on RELNOW, RELNOW1, and OTHRLNOW. Response categories are: no religion (atheist), Catholic, Protestant, and other religion.

- If IC-5 RELNOW = None (1) or IC-6 RELNOW1 = No particular faith (90),  
then RELIGION = 1
- If IC-5 RELNOW = Catholic (2),

then RELIGION = 2

-- If R reported any Protestant denomination

IC-5 RELNOW = Southern Baptist (4), Baptist (5), Methodist or African Methodist (6), Lutheran (7), Presbyterian (8), Episcopal or Anglican (9)

or

IC-6 RELNOW1 = Assemblies of God (12), Church of Nazarene (13), The Church of God (14), The Church of God (Cleveland, TN) (15), The Church of God in Christ (16), 7<sup>th</sup> Day Adventist (17), United Pentecostal Church (18), Pentecostal Assemblies (19), Christian, another denomination not listed (21), Christian, no specific denomination (22), or Fundamental Protestant Bodies, Pentecostal (30),

then RELIGION = 3

-- If R reported some other religion

IC-5 RELNOW = Jewish (3) or Church of Jesus Christ of Latter Day Saints, (LDS/Mormon) (10),

or

IC-6 RELNOW1 = Jehovah's Witness (20), Unitarian-Universalist (23), Greek Orthodox (24), Other Orthodox (25), Muslim (26), Buddhist (27), Hindu (28), Native American religions (31), Taoic religions (32), Neopagan religions (33), or Other,-not shown separately (95),

then RELIGION = 4

*User Note: Refer to **RELIGION DATA IN THE NSFG** in Part 2 of the User's Guide for information on the coding of verbatim responses to OTHRLNOW into existing and new categories of RELNOW and RELNOW1.*

*Imputation Note: Once all verbatim responses were assigned to an existing or newly created category of IC-5 RELNOW or IC-6 RELNOW1, those values were used in the construction of the RELIGION recode. Then any remaining missing values on RELIGION were imputed.*

Code categories:

1 = No religion

2 = Catholic

3 = Protestant

4 = Other religion

**LABORFOR\*\*:** "Labor force status"

LABORFOR is a composite variable that categorizes the respondent's activities in the week before the interview in hierarchical order based on his activity status (IE-1 DOLASTWK<sub>n</sub>) and whether she was working full or part-time (IE-4 RFTPTX).

Assign code to LABORFOR from IE-1 DOLASTWK1 through IE-1 DOLASTWK9, taking the code highest in the ranking shown below.

-- If (IE-1 DOLASTWK1 - DOLASTWK9 = 1) and IE-4 RFTPTX = 1

```

    (R was working full-time last week)
then LABORFOR = 1
--    Else if (IE-1 DOLASTWK1 - DOLASTWK9 = 1) and IE-4 RFTPTX = 2 or 3
    (R was working part-time last week)
    Note: "some of each" is coded as "part time"
then LABORFOR = 2
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 2
    (R was not working due to temporary illness, vacation, strike, etc.)
then LABORFOR = 3
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 3
    (R was on maternity leave or family leave from job)
then LABORFOR = 4
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 4
    (R was unemployed, laid off, or looking for work)
then LABORFOR = 5
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 7
    (R was going to school)
then LABORFOR = 6
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 5
    (R was keeping house)
then LABORFOR = 7
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 8
    (R was on permanent disability)
then LABORFOR = 8
--    Else if IE-1 DOLASTWK1 - DOLASTWK9 = 6
    (R was taking care of family)
then LABORFOR = 9
--    Else if IE-1 DOLASTWK1 - DOLASTWK9=9
    (R responded "something else")
then LABORFOR = 10

```

*User Note: The original LABORFOR recode, as defined above, was collapsed for public use from 10 categories to 9. The full-detail variable called INLABORFOR is available through the NCHS Research Data Center.*

*Note: The original 9 raw variables, DOLASTWK1-DOLASTWK9, were combined for public-use, into 6 variables (refer to **VARIABLES SUPPRESSED OR MODIFIED FOR PUBLIC USE** in Part 2 of the User's Guide for more detail). Therefore, the public-use versions of LABORFOR and DOLASTWK cannot be aligned as given in the specifications above. The full-detail variables of INDOLASTWK1-INDOLASTWK9 are available through the NCHS Research Data Center.*

Code categories and ranking for LABORFOR (public-use variable):

- 1 = Working full-time
- 2 = Working part-time
- 3 = Working, but on vacation, strike, or had temporary illness
- 4 = Working, but on maternity or family leave

- 5 = Not working but looking for work
- 6 = In school
- 7 = Keeping house
- 8 = Caring for family
- 9 = Other

Code categories and ranking for INLABORFOR (restricted-use variable):

- 1 = Working full-time
- 2 = Working part-time
- 3 = Working, but on vacation, strike, or had temporary illness
- 4 = Working, but on maternity or family leave
- 5 = Not working but looking for work
- 6 = In school
- 7 = Keeping house
- 8 = On permanent disability
- 9 = Caring for family
- 10 = Other

## Section J: Audio CASI

### **POVERTY\*\*:**      “Poverty level income”

Poverty level income is R’s combined family income from all sources in the calendar year before the interview (JI-3 TOTINC) divided by the weighted average threshold income of families whose head of household was under 65 years of age, for a family of the size of R’s family, based on the annual poverty levels defined by the U.S. Census Bureau (family size is calculated by adding 1 to the integer value of NUMFMHH, from Section A Recodes). If the value is 998 or greater, then POVERTY=998.

-- For this recode an exact family income is estimated by the midpoint of the reported range of annual family income (JI-3 TOTINC) as follows:

- 1 = \$2,500
- 2 = \$6,250
- 3 = \$8,750
- 4 = \$11,250
- 5 = \$13,750
- 6 = \$17,500
- 7 = \$22,500
- 8 = \$27,500
- 9 = \$32,500
- 10 = \$37,500
- 11 = \$45,000
- 12 = \$55,000
- 13 = \$67,500
- 14 = \$82,500

The annual poverty thresholds for each family size are:

Family Size	Weighted Average Thresholds				
	2005 <sup>1</sup> (for 2006 interviews)	2006 <sup>2</sup> (for 2007 interviews)	2007 <sup>3</sup> (for 2008 interviews)	2008 <sup>4</sup> (for 2009 interviews)	2009 <sup>5</sup> (for 2010 interviews)
1	\$10,160	\$10,488	\$10,787	\$11,201	\$11,161
2	\$13,145	\$13,569	\$13,954	\$14,489	\$14,439
3	\$15,577	\$16,079	\$16,530	\$17,163	\$17,098
4	\$19,971	\$20,614	\$21,203	\$22,025	\$21,954
5	\$23,613	\$24,382	\$25,080	\$26,049	\$25,991
6	\$26,683	\$27,560	\$28,323	\$29,456	\$29,405
7	\$30,249	\$31,205	\$32,233	\$33,529	\$33,372
8	\$33,610	\$34,774	\$35,816	\$37,220	\$37,252
9 or larger	\$40,288	\$41,499	\$42,739	\$44,346	\$44,366

<sup>1</sup> US Census Bureau, Housing and Household Economic Statistics Division. *Poverty Thresholds 2005*. On-line document accessed 07February2008, url: <http://www.census.gov/hhes/www/poverty/threshld/thresh05.html>

<sup>2</sup> US Census Bureau, Housing and Household Economic Statistics Division. *Poverty Thresholds 2006*. On-line document accessed 05December2007, url:  
<http://www.census.gov/hhes/www/poverty/threshld/thresh06.html>

<sup>3</sup> US Census Bureau, Housing and Household Economic Statistics Division. *Poverty Thresholds 2007*. On-line document accessed 25August2009, url:  
<http://www.census.gov/hhes/www/poverty/threshld/thresh07.html>

<sup>4</sup> US Census Bureau, People and Households, Poverty Main, Poverty Data, Poverty Thresholds, 2008. On-line documentation accessed 18May2010, url:  
<http://www.census.gov/hhes/www/poverty/threshld/thresh08.html>

<sup>5</sup> US Census Bureau, People and Households, Poverty Main, Poverty Data, Poverty Thresholds, 2009. On-line documentation accessed 21Sep2010, url:  
<http://www.census.gov/hhes/www/poverty/data/threshld/index.html> {2009 [XLS - 28k]}  
U.S. Census Bureau documentation note: The poverty thresholds are updated each year using the change in the average annual Consumer Price Index for All Urban Consumers (CPI-U). Since the average annual CPI-U for 2009 was lower than the average annual CPI-U for 2008, poverty thresholds for 2009 are slightly lower than the corresponding thresholds for 2008.

*User Note:* The original *POVERTY* recode, as defined above, was top-coded for public use at 500 to represent “500% of poverty level or more.” The full-detail variable called *INPOVERTY* is available through the NCHS Research Data Center.

*Imputation note:* If missing, the “DK follow-up” questions (JI-3a *FMINCDK1*, JI-3b *FMINCDK2*, and JI-3c *FMINCDK3*) are used as imputation bounds.

Code categories:

0 - 499 = 0-499 percent of poverty level  
500 = 500 percent or more of poverty level

**TOTINCR\*\*:** “Total income of R’s family”

TOTINCR = R’s income (if no family members in household) or combined income of R’s family from all sources in the calendar year before the interview (JI-3 TOTINC).

This variable is an imputed version of JI-3 TOTINC and is created for the purposes of creating/imputing *POVERTY*.

Code categories:

1-14 = under \$5,000/year -- \$75,000 or more/year

*Imputation note:* If missing, the “DK follow-up” questions (JI-3a *FMINCDK1*, JI-3b *FMINCDK2*, and JI-3c *FMINCDK3*) are used as imputation bounds.

**PUBASSIS\*\*:**        **“Whether R received public assistance in the calendar year before the interview”**

PUBASSIS = 1 if:

R received public assistance/welfare, food stamps, WIC, help with transportation, childcare, or job training in the calendar year before the interview (JI-4 PUBASST = 1 or JI-6 FOODSTMP = 1 or JI-7 WIC = 1 or JI-8a HLPTRANS = 1 or JI-8b HLPCHLDC = 1 or JI-8c HLPJOB = 1).

PUBASSIS = 2 if:

if R did not receive public assistance/welfare, food stamps, WIC, help with transportation, childcare or job training in the calendar year before the interview (JI-4 PUBASST = 5 and JI-6 FOODSTMP = 5 and JI-7 WIC = 5 and JI-8a HLPTRANS = 5 and JI-8b HLPCHLDC = 5 and JI-8c HLPJOB = 5).

*Imputation note:*        *PUBASSIS is imputed if one or more variables are 8 or 9 (DK/RF) and the remainder are 5 (no, did not receive this type of public assistance).*

Code categories:

1 = Yes (R received public assistance in previous calendar year)

2 = No (R did not receive public assistance in previous calendar year)