

SECTION D

Sterilizing Operations and Impaired Fecundity

VARIABLES IMPORTED FROM EARLIER SECTIONS:

CMBIRTH	CM for R's date of birth (from A)
CMINTVW	CM for date of interview (from A)
CMJAN97	CM for January 1997 ("last 5 years") (from A)
MARSTAT	R's informal marital status (AB-1)
FMARIT	R's formal marital status (based on MARSTAT & FMARSTAT)
MANREL	Relationship of man in HH to R (husband or cohab partner) (from A)
CURRPREG	Whether R is currently pregnant (from B)
EVERPREG	Whether R has ever been pregnant (from B)
HASBABES	Whether R has had any live births (from B)
CMPRGBEG	CM for date when pregnancy began (incl. Curr Preg) (from B)
CMLSTPRG	CM for date of R's last completed pregnancy (from B)
CHPNAME	Name fill for R's current husband or cohabiting partner (from C)
PREVHUSB	Number of R's former husbands (from C)
PREVCOHB	Number of R's former cohabiting partners (from C)
HUSBNAMEX	Name fills for R's former husbands (incl. Separated) (from C)
OTHPMANX	Name fills for R's former cohabiting partners (from C)
RHADSEX	Whether R has had sex (from C)
CMDOBCH	CM for R's current husband's DOB (from C)
CMDOBCP	CM for R's current cohab partner's DOB (from C)
CMMARRX	CM for when R got married each of "x" times (from C)
CMMARRCH	CM for when R married her current husband (from C)
CMSTRTHP	CM for when R began living with current husband or cohab partner (from C)

VARIABLES DEFINED (COMPUTED) WITHIN THIS SECTION:

OPERTUBL	Fill for tubal sterilization experience (FC D-1)
OPERHYST	Fill for hysterectomy experience (FC D-1)
OPEROVEC	Fill for ovary removal experience (FC D-1)
OPEROTHR	Fill for other sterilizing operation experience (FC D-1)
OPERMALE	Fill for male sterilizing operation experience of current H/P (FC D-1)
ANYFSTER	R ever had a sterilizing operation (regardless of reversal) (FC D-5)
ANYMSTER	R's current H/P ever had a sterilizing operation (regardless of reversal) (FC D-7)
CMTUBLIG	CM for R's tubal ligation/sterilization (FC D-8)
CMTUBLIG_FILL	Mo/Yr fill for CMTUBLIG (FC D-8)
CMHYST	CM for R's hysterectomy (FC D-8)
CMHYST_FILL	Mo/Yr fill for CMHYST (FC D-8)
CMOVAREM	CM for R's ovary removal (FC D-8)
CMOVAREM_FILL	Mo/Yr fill for CMOVAREM (FC D-8)
CMOTSURG	CM for R's other sterilizing operation (FC D-8)
CMOTSURG_FILL	Mo/Yr fill for CMOTSURG (FC D-8)
CMOPER1	CM for R's 1 st (or only) sterilizing operation (FC D-13)
PLCOPER1	Place where R's 1 st (or only) sterilizing operation took place (if Jan 97 or later) (this variable was not included in the questionnaire specs, but is available on the data file)
FSTROP12	Whether R had a sterilizing operation within last 12 mos (FC D-13)
STERCLIN	Whether R had a sterilizing operation at a clinic site within last 12 months (FC D-13) (NOTE: This variable did not get defined as intended, and is not included on the data file)
CMMALEOP	CM for R's sterilizing operation (FC D-16)
CMMALEOP_FILL	Mo/Yr fill for CMMALEOP (FC D-16)
CMLIGREV	CM for R's reversal of tubal sterilization (FC D-20)
CMVASREV	CM for R's current H/P's reversal of vasectomy (FC D-21)
RSURGSTR	Whether R is surgically sterile at interview (FC D-22)
PSURGSTR	Whether R's current H/P is surgically sterile at interview (FC D-22)
ONLYTBVS	Whether R & H/P's only sterilizing operations are tubal ligation or vasectomy (FC D-22)
FHPCNTR	Counter for loop asking about vasectomies of former H/P's (FC D-26b)
FHPNAME	Name fills for R's former husbands & cohabiting partners (FC D-26b)
CMFHPVAS	CM for former H/P's vasectomy (FC D-27)

CMFHPVAS_FILL Mo/Yr fill for CMFHPVAS (FC D-27)
CMFHPVRV CM for former H/P's vasectomy reversal (FC D-28)
RSTRSTAT R's sterility status (FC D-35)
PSTRSTAT R's current H/P's sterility status (FC D-35)

CM VARIABLES TO CHECK AGAINST BOTH CMBIRTH & CMINTVW:

CMTUBLIG
CMHYST
CMOVAREM
CMOTSURG
CMOPER1
CMLIGREV

CM VARIABLES TO CHECK AGAINST ONLY CMINTVW:

CMMALEOP
CMVASREV
CMFHPVAS
CMFHPVRV

VARIABLES (computed in this section) TO INCLUDE ON OUTPUT DATA FILE:

ANYFSTER
ANYMSTER
CMTUBLIG
CMHYST
CMOVAREM
CMOTSURG
CMOPER1
FSTROP12
STERCLIN
CMMALEOP
CMLIGREV
CMVASREV
RSURGSTR
PSURGSTR
ONLYTBVS
CMFHPVAS
CMFHPVRV
RSTRSTAT
PSTRSTAT

STERILIZATION OPERATIONS (DA)

FLOW CHECK D-1: INITIALIZE FILLS FOR SPECIFIC OPERATIONS:

OPERTUBL = blank (no tubal ligation)
OPERHYST = blank (no hysterectomy)
OPEROVEC = blank (no ovary removal)
OPEROTHR = blank (no other sterilizing operation)
OPERMALE = blank (no current H/P or no male operation)

INTRO D1

INTRO-D1. IF HASBABES = NO, SAY:
 The next questions are about your physical ability to have a baby.

 ELSE IF HASBABES = YES, SAY:
 The next questions are about your physical ability to have another
 baby.

ENTER [1] to continue

EVERTUBS

DA-1. Have you ever had both of your tubes tied, cut, or removed? This procedure is often called a tubal ligation or tubal sterilization.

[HELP AVAILABLE]

YES.....1
IF VOL: Operation failed3
NO.....5
IF VOL: Operation already reversed ..6

FLOW CHECK D-2: IF DA-1 EVERTUBS = 1 or 6, SET OPERTUBL = "tubal sterilization";
ELSE IF EVERTUBS = 3 or 5 or DK or RF, RETAIN OPERTUBL = blank.

IF CURRPREG = NO, ASK DA-2 EVERHYST.
ELSE IF CURRPREG = YES, GO TO DA-4 EVEROTHR.

EVERHYST

DA-2. Have you ever had a hysterectomy, that is, surgery to remove your uterus?

Yes1 (SET OPERHYST = "hysterectomy")
No5

EVEROVRS

DA-3. Have you ever had both of your ovaries removed?

[HELP AVAILABLE]

Yes1 (SET OPEROVEC = "ovaries removed")
No5

EVEROTHR

DA-4. IF HASBABES = YES OR CURRPREG = YES, ASK:

Have you ever had any other operation that makes it impossible for you to have another baby?

ELSE IF HASBABES = NO AND CURRPREG = NO, ASK:

Have you ever had any other operation that makes it impossible for you to have a baby?

Yes1
No5 (FLOW CHECK D-5)

WHTOOPRS

DA-5. IF HASBABES = YES, ASK:

What operation did you have that makes it impossible for you to have another baby? If you do not know its name, please describe the operation.

ELSE IF HASBABES = NO, ASK:

What operation did you have that makes it impossible for you to have a baby? If you do not know its name, please describe the operation.

[HELP AVAILABLE]

Specify _____

WHTOOPRC

DA-5a. INTERVIEWER: CODE If any of the following mentioned:

OPERATION AFFECTS ONLY ONE TUBE...1
OPERATION AFFECTS ONLY ONE OVARY..2
SOME OTHER OPERATION.....3
OTHER STERILIZING OPERATION.....4

FLOW CHECK D-3: IF DA-5a WHTOOPRC = 1 or 2, ASK DA-6 ONOTFUNC.
ELSE IF WHTOOPRC = 3, GO TO DA-7 DFNLSTRL.
ELSE IF WHTOOPRC = 4, SET OPEROTHR = "operation that made it impossible for you to have a baby" AND GO TO FLOW CHECK D-5.

ONOTFUNC

DA-6. IF DA-5a WHTOOPRC = 1 (AFFECTS ONLY ONE TUBE), SET OPEROTHR = "tube tied" AND ASK:
Many women who have only one tube tied can still have babies because they are not completely sterile. As far as you know, are you completely sterile from this operation, that is, does it make it impossible for you to have a baby in the future?

ELSE IF DA-5a WHTOOPRC = 2 (AFFECTS ONLY ONE OVARY), SET OPEROTHR = "ovary removed" AND ASK:
Many women who have only one ovary removed can still have babies because they are not completely sterile. As far as you know, are you completely sterile from this operation, that is, does it make it impossible for you to have a baby in the future?

Yes1
No5

FLOW CHECK D-4: IF DA-6 ONOTFUNC = 5, DK, or RF, RESET OPEROTHR = blank AND GO TO FLOW CHECK D-5.
ELSE IF ONOTFUNC = 1, GO TO FLOW CHECK D-5.

{ Asked if WHTOOPRC = 3 (some other operation)
DFNLSTRL

DA-7. As far as you know, are you completely sterile from this operation, that is, does it make it impossible for you to have a baby in the future?

Yes....1 (SET OPEROTHR = "operation that made it impossible for you to have a baby")
No.....5

FLOW CHECK D-5: COMPUTE ANYFSTER:
(Whether R has had any sterilizing operations)

IF OPERTUBL NE blank OR OPERHYST NE blank OR OPEROVEC NE blank OR OPEROTHR NE blank,
THEN ANYFSTER = 1 (YES).

ELSE IF OPERTUBL = blank AND OPERHYST = blank AND OPEROVEC = blank AND OPEROTHR = blank,
THEN ANYFSTER = 5 (NO).

IF CHPNAME NE blank, ASK DA-8 ANYOPSMN.
ELSE, GO TO FLOW CHECK D-7.

ANYOPSMN

DA-8. Has (CHPNAME) ever had a vasectomy or any other operation that would make it impossible for him to father a baby in the future?

[HELP AVAILABLE]

Yes1
No5 (Flow Check D-8)

WHATOPSM

DA-9. What type of operation did (CHPNAME) have?

Vasectomy1
Other operation2
IF VOL: Operation failed5
IF VOL: Operation already reversed6

FLOW CHECK D-6: IF DA-9 WHATOPSM = 3, ASK DA-10 DFNLSTRM.
ELSE IF WHATOPSM = 1 or 6, SET OPERMALE = "vasectomy" AND GO
TO FLOW CHECK D-8.
ELSE IF WHATOPSM = 5 or DK or RF, GO TO FLOW CHECK D-8.

DFNLSTRM

DA-10. As far as you know, is he completely sterile from this operation,
that is, does it make it impossible for him to father a baby in
the future?

Yes.....1 (SET OPERMALE = "sterilizing operation")
No.....5

FLOW CHECK D-7: COMPUTE ANYMSTER:
(Whether R's current husband or cohabiting partner has had a
sterilizing operation)

IF CHPNAME = blank, THEN ANYMSTER = blank (inapp).
ELSE IF OPERMALE NE blank, THEN ANYMSTER = 1 (yes).
ELSE IF OPERMALE = blank, THEN ANYMSTER = 5 (no).

OPERATION BY OPERATION SERIES (DB)

FLOW CHECK D-8: INITIALIZE CENTURY MONTH VARIABLES FOR OPERATION DATES:

CMTUBLIG = blank
CMHYST = blank
CMOVAREM = blank
CMOTSURG = blank

IF ANYFSTER = YES, ASK DB SERIES FOR EACH FEMALE OPERATION R
REPORTED (based on non-blank values in OPERTUBL, OPERHYST,
OPEROVEC, & OPEROTHR). USE FILLS AS APPROPRIATE WHERE YOU
SEE OPER####; #### indicates TUBL, HYST, OVEC, OTHR.

ELSE IF ANYFSTER = NO, GO TO FLOW CHECK D-15.

DATFEMOP_M

DB-1. When did you have your [OPER####]?

*If R cannot recall month and year, REFER her to the life history
calendar.*

*ENTER month
PROBE for season if DK month*

*NOTE: If R had tubes tied or ovaries removed in 2 separate
operations, record month/year for most recent operation. This is*

CMOTSURG

PREGNANCY START DATES = CMPRGBEGx

**IF CMHYST NE BLANK, PROBE IF CMPRGBEG > CMHYST + 2.
IF CMOVAREM NE BLANK, PROBE IF CMPRGBEG > CMOVAREM + 2.**

IF CMOTSURG NE BLANK, PROBE IF CMPRGBEG > CMOTSURG + 2.

DISPLAY TEXT FOR EACH OF THESE: *R has reported becoming pregnant after she had a sterilizing operation that is generally considered to be irreversible. Is this correct?*

**FLOW CHECK D-9b: IF DATE OF OPERATION (CMTUBLIG, CMHYST, CMOVAREM, OR CMOTSURG) GE CMJAN97, ASK DB-2 PLCFEMOP.
ELSE IF CM VARIABLE LT CMJAN97, GO TO FLOW CHECK D-12.**

{ Asked for each operation within last 5 years

PLCFEMOP

DB-2. Looking at Card 25, please tell me where this operation was performed.

[SHOW CARD 25]

- Private doctor's office.....1
- HMO facility2
- Community health clinic, community clinic,
public health clinic3
- Family planning or Planned Parenthood clinic4
- Employer or company clinic5
- School or school-based clinic6
- Hospital outpatient clinic7
- Hospital emergency room8
- Hospital regular room9
- Urgent care center, urgi-care, or walk-in facility ..10
- Some other place20

**FLOW CHECK D-10: IF OPERATION BEING DESCRIBED IS TUBAL STERILIZATION AND DB-2 PLCFEMOP = 7 or 8 or 9 (HOSPITAL code), ASK DB-2a INPATIEN.
ELSE, GO TO DB-2b PAYRSTER.**

INPATIEN

DB-2a. When you had your tubal sterilization, did you stay overnight in the hospital?

- Yes1
- No5

PAYRSTER

DB-2b. Looking at Card 16, please tell me all of the ways in which the bill for this operation was paid.

ENTER all that apply

PROBE: "Any other ways?"

If R volunteers that still owes, ASK: "How do you think that the bill will be paid?"

[SHOW CARD 16]

[HELP AVAILABLE]

Insurance1
Co-payment or out-of-pocket payment2
Medicaid3
No payment required4
Some other way5

RHADALL

DB-3a. IF CM VARIABLE FOR OPERATION = blank, DK, OR RF, OR MONTH OF OPERATION WAS REPORTED AS A SEASON, ASK:
At the time you had your (OPER####), had you, yourself, had all the children you wanted?

ELSE IF CM VARIABLE FOR OPERATION DATE LT 9996, ASK:
At the time you had your (OPER####) in (fill for operation CM), had you, yourself, had all the children you wanted?

Yes1
No5

HHADALL

DB-3b. IF CHPNAME NE blank AND MANREL = 1 AND (CM for operation GE CMSTRTHP), ASK:
And what about your husband? At the time you had your (OPER####), had he had all the children he wanted?

ELSE IF CHPNAME NE blank AND MANREL = 2 AND (CM for operation GE CMSTRTHP), ASK:
And what about your partner? At the time you had your (OPER####), had he had all the children he wanted?

ELSE IF FMARIT = 1, 2, 3, or 4, ASK:
And what about your husband or partner at the time? At the time you had your (OPER####), had he had all the children he wanted?

ELSE IF FMARIT = 0 or 5, ASK:
And what about your partner at the time? At the time you had your (OPER####), had he had all the children he wanted?

Yes1
No5
IF VOL: R was not in a relationship with a man at the time she had this operation6

FMEDREAS

DB-4. Please look at Card 26. Did you have any of these medical reasons for having your (OPER####)?

ENTER all that apply
PROBE: "Any other reasons?"

[HELP AVAILABLE]
[SHOW CARD 26]

Medical problems with your female organs.....1
Pregnancy would be dangerous to your health.....2
You would probably lose a pregnancy.....3
You would probably have an unhealthy child.....4
Some other medical reason5
No medical reason for operation6

6, DK, OR RF CANNOT BE ENTERED WITH CODES 1-5

BCREAS

DB-5a. IF DB-3b HHADALL NE 6 AND AND MANREL = 1 AND (CM for operation GE CMSTRTHP), ASK:
At the time you had your (OPER####), had you or your husband been having problems with your method or methods of birth control?

IF DB-3b HHADALL NE 6 AND AND MANREL = 2 AND (CM for operation GE CMSTRTHP), ASK:
At the time you had your (OPER####), had you or your partner been having problems with your method or methods of birth control?

ELSE IF DB-3b HHADALL NE 6, ASK:
At the time you had your (OPER####), had you or your husband or partner been having problems with your method or methods of birth control?

ELSE IF DB-3b HHADALL = 6, ASK:
At the time you had your (OPER####), had you been having problems with your method or methods of birth control?

Yes1
No5 (FLOW CHECK D-11)
No, not using any method at the time6 (FLOW CHECK D-11)

BCWHYF

DB-5b. Was there a health or medical problem with the method of birth control you or he was using, or did you not like the method for some other reason?

[HELP AVAILABLE]

Health or medical problem1
Some other reason2
Both3

FLOW CHECK D-11: IF MORE THAN ONE REASON GIVEN ACROSS RHADALL, HHADALL, FMEDREAS, AND BCREAS, ASK DB-6 MINCDNNR. ELSE, GO TO FLOW CHECK D-12.

MINCDNNR

DB-6. You mentioned that the reasons for your [OPER####] were that... [ONLY DISPLAY REASONS THAT R REPORTED ABOVE]. Which one of these was the main reason that you had your [OPER####]?

*ENTER 3 if any medical reasons reported as her main reason.
ENTER 5 if R reports that her main reason was something other than a reason she reported previously.*

READ list of all mentioned above

You had all the children you wanted1
Your husband or partner had all the children he wanted .2
Medical reasons3
Problems with other methods of birth control4
Some other reason not mentioned above5

FLOW CHECK D-12: IF MORE FEMALE OPERATIONS TO ASK ABOUT, RETURN TO FLOW CHECK D-8. ELSE IF ALL FEMALE OPERATIONS HAVE BEEN DESCRIBED, GO TO FLOW CHECK D-13.

**FLOW CHECK D-13: COMPUTE COPER1:
(CM date for R's first (or only) sterilizing operation)**

IF ANYFSTER = NO, THEN CMOPER1 = null/blank.

ELSE IF ANYFSTER = YES, THEN CMOPER1 = (earliest value of CMTUBLIG, CMHYST, CMOVAREM, & CMOTSURG).

COMPUTE FSTROP12:
(Whether R has had a sterilizing operation within last year)

IF ANYFSTER = 5 (NO), THEN FSTROP12 = blank/inapp.
ELSE IF ANYFSTER = 1 (YES), THEN DO:
IF CMTUBLIG GE CMLSTYR OR CMHYST GE CMLSTYR OR CMOVAREM GE CMLSTYR OR CMOTSURG GE CMLSTYR, THEN FSTROP12 = 1 (YES).
ELSE FSTROP12 = 5 (NO).
END.

COMPUTE STERCLIN:
(Whether R had a sterilizing operation at a "clinic" site within last year)

IF FSTROP12 = 5 or blank, THEN STERCLIN = blank/inapp.
ELSE IF FSTROP12 = 1, THEN DO:
IF DB-2 PLCFEMOP = 3 or 4 or 6 or 7 or 8 or 9 or 10, THEN STERCLIN = 1 (YES).
ELSE STERCLIN = 5 (NO).

FLOW CHECK D-14: IF ANY CM DATES FOR FEMALE STERILIZING OPERATIONS ARE THE SAME, ASK DB-6b OPERSAME. (Check CMTUBLIG, CMHYST, CMOVAREM, & CMOTSURG.)
ELSE GO TO FLOW CHECK D-15.

OPERSAME

DB-6b. Did you have the (all OPER#### with same CM values) in the same operation in (CM for operation date), or were these separate operations?

Same operation1
Separate operations5

FLOW CHECK D-15: IF OPERMALE NE BLANK, ASK DB-7 DATEOPMN_M.
ELSE IF OPERMALE = BLANK, GO TO FLOW CHECK D-19.

DATEOPMN_M

DB-7. When did [CHPNAME] have his [OPERMALE]?

If R cannot recall month and year, REFER her to the life history calendar.

*ENTER month
PROBE for season if DK month*

[CALENDAR REFERENCE]

- | | | | |
|-------------|-----------|--------------|------------|
| 1. January | 5. May | 9. September | 13. Winter |
| 2. February | 6. June | 10. October | 14. Spring |
| 3. March | 7. July | 11. November | 15. Summer |
| 4. April | 8. August | 12. December | 16. Fall |

DATEOPMN__Y

DB-7. (When did [CHPNAME] have his [OPERMALE]?)

[CALENDAR REFERENCE]
[HELP AVAILABLE]

After R has given the year, SAY: Please record this operation in the appropriate box on the "Male Sterilization" row of your calendar. You might use ST or some other notation that you will recognize later.

ENTER year in 4 digits _____

UNDERLYING RANGE: 1952 to 2002

FLOW CHECK D-16: COMPUTE CMMALEOP:
(Century month for date of male sterilizing operation)

SET CMMALEOP = null/blank.

IF DATEOPMN_Y = RF, SET CMMALEOP = 9998 (RF).
ELSE IF DATEOPMN_Y = DK, SET CMMALEOP = 9999 (DK).

ELSE IF DATEOPMN_M LE 12,
COMPUTE CMMALEOP = (DATEOPMN_Y - 1900)*12 + DATEOPMN_M

ELSE IF 13 LE DATEOPMN_M LE 16, USE MONTH APPROPRIATE
TO SEASON & COMPUTE CMMALEOP as above.

ELSE IF DATEOPMN_M = DK OR RF, ASSIGN MONTH = 6 (June)
& COMPUTE CMMALEOP as above.

EDIT CHECK DB7_1: PROBE IF CMMALEOP < CMDOBCH OR CMMALEOP < CMDOBCP. DISPLAY
TEXT: R has reported that her husband/partner's operation
occurred earlier than his date of birth. Has one of the
dates been entered incorrectly?

FLOW CHECK D-16b: IF CMMALEOP GE CMJAN97, GO TO FLOW CHECK D-17.
ELSE IF CMMALEOP LT CMJAN97 AND 1 LE DATEOPMN_M LE 12,
ESTABLISH FILL FOR CMMALEOP (CMMALEOP_FILL) AND GO TO FLOW
CHECK D-19.

FLOW CHECK D-17: IF CMMALEOP GE CMMARRCH (CM date of marriage to current
husband), GO TO DB-9 PLACOPMN. ELSE, ASK DB-8 WITHIMOP.

WITHIMOP

DB-8. You may have already told me this, but were you in a relationship with
him at the time he had his [OPERMALE]?

[HELP AVAILABLE]

Yes 1
No 5 (Flow Check D-19)

PLACOPMN

DB-9. Looking at Card 25, please tell me where this operation was performed.

[SHOW CARD 25]

Private doctor's office.....1
HMO facility2
Community health clinic, community clinic,

- public health clinic3
- Family planning or Planned Parenthood clinic4
- Employer or company clinic5
- School or school-based clinic6
- Hospital outpatient clinic7
- Hospital emergency room8
- Hospital regular room9
- Urgent care center, urgi-care, or walk-in facility ..10
- Some other place20

PAYMSTER

DB-10. Looking at Card 16, please tell me all of the ways in which the bill for [CHPNAME]'s operation was paid.

ENTER all that apply

PROBE: "Any other ways?"

If R volunteers that still owes, ASK: "How do you think that the bill will be paid?"

[SHOW CARD 16]
[HELP AVAILABLE]

- Insurance1
- Co-payment or out-of-pocket payment2
- Medicaid3
- No payment required4
- Some other way5

RHADALLM

DB-11a. IF CMMALEOP = blank, DK, or RF OR IF 13 LE DATEOPMN_M LE 16, ASK:
At the time [CHPNAME] had his [OPERMALE], had you, yourself, had all the children you wanted?

ELSE IF CMMALEOP LT 9996, ASK:

At the time [CHPNAME] had his [OPERMALE] in (CMMALEOP_FILL), had you, yourself, had all the children you wanted?

- Yes1
- No5

HHADALLM

DB-11b. And what about him? At the time he had his [OPERMALE], had he had all the children he wanted?

- Yes1
- No5

MEDREAS

DB-12. Please look at Card 27. Did he have any of these medical reasons for having his (OPERMALE)?

ENTER all that apply

PROBE: "Any other reasons?"

[SHOW CARD 27]
[HELP AVAILABLE]

- Pregnancy would be dangerous to your health.....1
- You would probably lose a pregnancy2
- You would probably have an unhealthy child.....3
- He had health problem that required the operation.....4

Some other medical reason5
No medical reason for operation6

6, DK, OR RF CANNOT BE ENTERED WITH CODES 1-5

BCREASM

DB-13a. At the time he had his [OPERMALE], had you or [CHPNAME] been having problems with your method or methods of birth control?

Yes1
No5 (FLOW CHECK D-18)
No, not using any method at the time6 (FLOW CHECK D-18)

BCWHYM

DB-13b. Was there a health or medical problem with the method of birth control you or he was using, or did you not like the method for some other reason?

[HELP AVAILABLE]

Health or medical problem1
Some other reason2
Both3

FLOW CHECK D-18: IF MORE THAN ONE REASON GIVEN ACROSS RHADALLM, HHADALLM, MEDREAS, AND BCREASM, ASK DB-14 MINCDNMN. ELSE, GO TO FLOW CHECK D-19.

MINCDNMN

DB-14. You mentioned that the reasons that [CHPNAME] had [OPERMALE] were that... [ONLY DISPLAY THOSE REASONS THAT R REPORTED FOR CHPNAME ABOVE]. Which one of these was the main reason that he had [OPERMALE]?

*ENTER 3 if any medical reasons reported as main reason.
ENTER 5 if R reports that his main reason was something other than a reason she reported previously.*

You had all the children you wanted1
Your husband or partner had all the children he wanted .2
Medical reasons3
Problems with other methods of birth control4
Some other reason not mentioned above5

REVERSAL OF TUBAL LIGATION OR VASECTOMY (DC)

**FLOW CHECK D-19: IF OPERTUBL NE BLANK, ASK DC-1 REVSTUBL.
ELSE IF OPERTUBL = BLANK, GO TO FLOW CHECK D-21.**

REVSTUBL

DC-1. IF DA-1 EVERTUBS = 1, ASK:
Have you ever had surgery to reverse your tubal sterilization?

ELSE IF DA-1 EVERTUBS = 6, ASK:
Earlier you mentioned that you had your tubal sterilization reversed.
Is this correct?

[HELP AVAILABLE]

Yes1
No5 (FLOW CHECK D-21)

DATRVSTB_M

DC-2. In what month and year did you have your tubal sterilization reversed?

If R cannot recall month and year, REFER her to the life history calendar.

ENTER month

PROBE for season if DK month

[CALENDAR REFERENCE]

[HELP AVAILABLE]

1. January	5. May	9. September	13. Winter
2. February	6. June	10. October	14. Spring
3. March	7. July	11. November	15. Summer
4. April	8. August	12. December	16. Fall

DATRVSTB_Y

DC-2. (*In what month and year did you have your tubal sterilization reversed?*)

[CALENDAR REFERENCE]

[HELP AVAILABLE]

After R has given the year, SAY: Please record this operation in the appropriate box on the "Female Sterilization" row of your calendar. You might use REV or some other notation that you will recognize later.

ENTER year in 4 digits _____

UNDERLYING RANGE: 1957 to 2002

FLOW CHECK D-20: COMPUTE CMLIGREV:

(CM for when tubal sterilization was reversed)

SET CMLIGREV = null/blank.

IF DATRVSTB_Y = RF, SET CMLIGREV = 9998 (RF).

ELSE IF DATRVSTB_Y = DK, SET CMLIGREV = 9999 (DK).

ELSE IF DATRVSTB_M LE 12,

COMPUTE CMLIGREV = (DATRVSTB_Y - 1900)*12 + DATRVSTB_M

ELSE IF 13 LE DATRVSTB_M LE 16, USE MONTH APPROPRIATE TO SEASON & COMPUTE CMLIGREV as above.

ELSE IF DATRVSTB_M = DK OR RF, ASSIGN MONTH = 6 (June) & COMPUTE CMLIGREV as above.

EDIT CHECK DC2_1: PROBE IF CMLIGREV < CMTUBLIG. DISPLAY TEXT: *R has reported having her tubal sterilization reversed before the date she had the operation. Has one of the dates been entered incorrectly?*

FLOW CHECK D-21: IF CHPNAME = BLANK, GO TO FLOW CHECK D-22.

ELSE IF OPERMALE = VASECTOMY, ASK DC-3 REVSVASX.

ELSE IF OPERMALE = BLANK or "STERILIZING OPERATION," GO TO FLOW CHECK D-22.

REVSVASX

DC-3. IF DA-9 WHATOPSM = 1, ASK:

Has [CHPNAME] ever had surgery to reverse his vasectomy?

ELSE IF DA-9 WHATOPSM = 6, ASK:

Earlier you mentioned that [CHPNAME] has had his vasectomy reversed. Is this correct?

[HELP AVAILABLE]

Yes1
No5 (FLOW CHECK D-22)

DATRVVEX_M

DC-4. In what month and year did [CHPNAME] have the reversal?

If R cannot recall month and year, REFER her to the life history calendar.

*ENTER month
PROBE for season if DK month*

[CALENDAR REFERENCE]
[HELP AVAILABLE]

- | | | | |
|-------------|-----------|--------------|------------|
| 1. January | 5. May | 9. September | 13. Winter |
| 2. February | 6. June | 10. October | 14. Spring |
| 3. March | 7. July | 11. November | 15. Summer |
| 4. April | 8. August | 12. December | 16. Fall |

DATRVVEX_Y

DC-4. (*In what month and year did [CHPNAME] have the reversal?*)

[CALENDAR REFERENCE]
[HELP AVAILABLE]

After R has given the year, SAY: Please record this operation in the appropriate box on the "Male Sterilization" row of your calendar. You might use REV or some other notation that you will recognize later.

ENTER year in 4 digits _____

UNDERLYING RANGE: 1952 to 2002

FLOW CHECK D-21b: COMPUTE CMVASREV:

(CM for when current H/P's vasectomy was reversed)

SET CMVASREV = null/blank.

IF DATRVVEX_Y = RF, SET CMVASREV = 9998 (RF).

ELSE IF DATRVVEX_Y = DK, SET CMVASREV = 9999 (DK).

ELSE IF DATRVVEX_M LE 12,

COMPUTE CMVASREV = (DATRVVEX_Y - 1900)*12 + DATRVVEX_M

ELSE IF 13 LE DATRVVEX_M LE 16, USE MONTH APPROPRIATE TO SEASON & COMPUTE CMVASREV as above.

ELSE IF DATRVVEX_M = DK OR RF, ASSIGN MONTH = 6 (June) & COMPUTE CMVASREV as above.

EDIT CHECK DC4_1: PROBE IF CMVASREV < CMMALEOP. DISPLAY TEXT: *R has reported that current H/P had his vasectomy reversal before his vasectomy. Has one of the dates been entered incorrectly?*

FLOW CHECK D-22: COMPUTE RSURGSTR:
(Whether R is currently surgically sterile; defined for all respondents)

RSURGSTR = 1 (YES) IF ANYFSTER = YES AND DC-1
REVSTUBL = NO, DK, RF, or
BLANK.

RSURGSTR = 5 (NO) IF OTHERWISE.

COMPUTE PSURGSTR:
(Whether R's current H/P is surgically sterile; defined for all respondents)

PSURGSTR = 1 (YES) IF ANYMSTER = YES AND DC-3
REVSVASX = NO, DK, RF, or
BLANK.

PSURGSTR = 5 (NO) IF OTHERWISE (including Rs who
have no current H/P).

COMPUTE ONLYTBVS:
(Whether R's only sterilizing operation is an unreversed tubal ligation or vasectomy; defined for all respondents)

ONLYTBVS = 1 (YES) (IF RSURGSTR = YES AND
OPERHYST = BLANK AND OPEROVEC
= BLANK AND OPEROTHR = BLANK)
OR (IF PSURGSTR = YES AND
OPERMALE = VASECTOMY)

ONLYTBVS = 5 (NO) IF OTHERWISE.

IF ONLYTBVS = YES, ASK DC-5 RWANTRVT.
ELSE IF ONLYTBVS = NO, GO TO FLOW CHECK D-25.

(We ask about desire for sterilization reversal if the couple's only sterilizing operations are a tubal sterilization or a vasectomy and the tubal or vasectomy has not already been reversed.)

RWANTRVT

DC-5. As things look to you now, if your tubal sterilization could be reversed safely, would you want to have it reversed? Would you say definitely yes, probably yes, probably no, or definitely no?

[HELP AVAILABLE]

Definitely yes1
Probably yes2
Probably no3
Definitely no4

FLOW CHECK D-23: IF CHPNAME NE BLANK, ASK DC-6 MANWANTT.

ELSE IF CHPNAME = BLANK, GO TO FLOW CHECK D-25.

MANWANTT

DC-6. Would [CHPNAME] like you to have your tubal sterilization reversed?
Would you say definitely yes, probably yes, probably no, or definitely
no?

[HELP AVAILABLE]

Definitely yes.....1
Probably yes.....2
Probably no..3
Definitely no.....4

**FLOW CHECK D-24: IF PSURGSTR = YES AND ONLYTBVS = YES, ASK DC-7 RWANTREV.
ELSE, GO TO FLOW CHECK D-25.**

RWANTREV

DC-7. As things look to you now, if [CHPNAME]'s vasectomy could be reversed
safely, would you want to have it reversed? Would you say definitely
yes, probably yes, probably no, or definitely no?

[HELP AVAILABLE]

Definitely yes1
Probably yes2
Probably no3
Definitely no4

MANWANTR

DC-8. Would [CHPNAME] like to have his vasectomy reversed? Would you say
definitely yes, probably yes, probably no, or definitely no?

[HELP AVAILABLE]

Definitely yes1
Probably yes2
Probably no3
Definitely no4

STERILIZING OPERATIONS OF PREVIOUS HUSBANDS/COHAB PARTNERS (DD)

(User Note: This question series did not work as intended. Only the initial
variables in the series are included on the data file. See User's Guide
section on "Data Quality" for further information.)

**FLOW CHECK D-25: IF PREVCOHB > 0 OR PREVHUSB > 0, ASK DD-1 VASANY.
ELSE IF PREVCOHB = 0 AND PREVHUSB = 0, GO TO FLOW CHECK D-
30.**

{ Asked if R has any former husbands or cohabiting partners.

VASANY

DD-1. IF PREVHUSB = 1 AND PREVCOHB = 0, ASK:

Did your former husband ever have a vasectomy -- either before you began
living together or during the time you lived together?

ELSE IF PREVHUSB = 0 AND PREVCOHB = 1, ASK:

Did the man you used to live with ever have a vasectomy -- either before
you began living together or during the time you lived together?

ELSE IF PREVHUSB = 0 AND PREVCOHB > 1), ASK:

Did any of the (PREVCOHB) men you used to live with ever have a

vasectomy -- either before you began living together or during the time you lived together?

ELSE IF PREVHUSB > 1 AND PREVCOHB = 0, ASK:

Did any of your (PREVHUSB) former husbands ever have a vasectomy -- either before you began living together or during the time you lived together?

ELSE ASK:

Did any of the (PREVCOHB + PREVHUSB) men you used to live with, including your (PREVHUSB) former husband(s), have a vasectomy -- either before you began living together or during the time you lived together?

[HELP AVAILABLE]

Yes1
No5 (Flow Check D-30)

WHICHVAS

DD-2. Which former husband(s) or cohabiting partner(s)?

ENTER all that apply

[Programmers: PLEASE DISPLAY LIST OF FORMER HUSBANDS & COHABITING PARTNERS FORMATTED AS THE SUMMARY SCREEN FOR CG-2 SAMEMAN. INCLUDE CODE NUMBERS TO ENABLE SELECTION OF ALL THE MEN WHO HAD VASECTOMIES.]

FLOW CHECK D-26: INITIALIZE COUNTER TO LOOP THROUGH EACH FORMER COHABITING PARTNER OR HUSBAND WHO HAD A VASECTOMY (BASED ON RESPONSES TO DD-2 WHICHVAS).

SET FHPCNTR = 1
SET FHPNAME_x = Name/Initials (with x=FHPCNTR) of former husband or cohabiting partner whom R has reported as having had a vasectomy in DD-2 WHICHVAS.

WHENVAS_M

DD-3. In what month and year did (FHPNAME) have his vasectomy?

If R cannot recall month and year, REFER her to the life history calendar.

ENTER month
PROBE for season if DK month

[CALENDAR REFERENCE]
[HELP AVAILABLE]

1. January	5. May	9. September	13. Winter
2. February	6. June	10. October	14. Spring
3. March	7. July	11. November	15. Summer
4. April	8. August	12. December	16. Fall

WHENVAS_Y

DD-3. (In what month and year did [FHPNAME] have his vasectomy?)

[CALENDAR REFERENCE]
[HELP AVAILABLE]

After R has given the year, SAY: "If you think it might help you in

remembering dates of other things later, you can record this on the calendar in the "Male Sterilization" row."

ENTER year in 4 digits _____

UNDERLYING RANGE: 1952 to 2002

FLOW CHECK D-27: COMPUTE CMFHPVAS:

(Century month for date of former H/P's vasectomy)

SET CMFHPVAS = null/blank.

IF WHENVAS_Y = RF, SET CMFHPVAS = 9998 (RF).
ELSE IF WHENVAS_Y = DK, SET CMFHPVAS = 9999 (DK).

ELSE IF WHENVAS_M LE 12,
COMPUTE CMFHPVAS = (WHENVAS_Y - 1900)*12 + WHENVAS_M

ELSE IF 13 LE WHENVAS_M LE 16, USE MONTH APPROPRIATE
TO SEASON & COMPUTE CMFHPVAS as above.

ELSE IF WHENVAS_M = DK OR RF, ASSIGN MONTH = 6 (June)
& COMPUTE CMFHPVAS as above.

IF CMFHPVAS NE blank AND CMFHPVAS LT 9996 AND 1 LE WHENVAS_M
LE 12, ESTABLISH FILL (CMFHPVAS_FILL).

VASTOGTH

DD-4. IF CMFHPVAS = blank, DK, or RF OR IF 13 LE WHENVAS_M LE 16, ASK:
Were you in a relationship with (FHPNAMEx) at the time he had his
vasectomy?

ELSE IF CMFHPVAS LT 9996, ASK:
Were you in a relationship with (FHPNAMEx) at the time he had his
vasectomy in (CMFHPVAS_FILL)?

[HELP AVAILABLE]

Yes1
No5

VASREV

DD-5. Did [FHPNAMEx] have surgery to reverse his vasectomy during your
relationship with him?

[HELP AVAILABLE]

Yes1
No5 (Flow Check D-29)

WHENVREV_M

DD-6. In what month and year did he have the surgery to reverse his vasectomy?

*If R cannot recall month and year, REFER her to the life history
calendar.*

ENTER month
PROBE for season if DK month

[CALENDAR REFERENCE]

- | | | | |
|-------------|-----------|--------------|------------|
| 1. January | 5. May | 9. September | 13. Winter |
| 2. February | 6. June | 10. October | 14. Spring |
| 3. March | 7. July | 11. November | 15. Summer |
| 4. April | 8. August | 12. December | 16. Fall |

WHENVREV_Y

DD-6. (*In what month and year did he have the surgery to reverse his vasectomy?*)

[CALENDAR REFERENCE]

After R has given the year, SAY: "If you think it might help you in remembering dates of other things later, you can record this on the calendar in the "Male Sterilization" row."

ENTER year in 4 digits _____

UNDERLYING RANGE: 1952 to 2002

FLOW CHECK D-28: COMPUTE CMFHPVRV:

(Century month for date of former H/P's vasectomy reversal)

SET CMFHPVRV = null/blank.

IF WHENVREV_Y = RF, SET CMFHPVRV = 9998 (RF).

ELSE IF WHENVREV_Y = DK, SET CMFHPVRV = 9999 (DK).

ELSE IF WHENVREV_M LE 12,

COMPUTE CMFHPVRV = (WHENVREV_Y - 1900)*12 + WHENVREV_M

ELSE IF 13 LE WHENVREV_M LE 16, USE MONTH APPROPRIATE TO SEASON & COMPUTE CMFHPVRV as above.

ELSE IF WHENVREV_M = DK OR RF, ASSIGN MONTH = 6 (June) & COMPUTE CMFHPVRV as above.

EDIT CHECK DD6_1: PROBE IF CMFHPVRV < CMFHPVAS. DISPLAY TEXT: R has reported that former H/P had his vasectomy reversal before his vasectomy. Has one of the dates been entered incorrectly?

FLOW CHECK D-29: IF FHPCNTR < (total number of former husbands/partners who had vasectomies), ADVANCE FHPCNTR BY 1 AND RETURN TO DD-3 WHENVAS.

ELSE IF FHPCNTR = (total number of former husbands/partners who had vasectomies), CONTINUE WITH FLOW CHECK D-30.

NON-SURGICAL STERILITY (DE)

FLOW CHECK D-30: IF RSURGSTR = YES, GO TO FLOW CHECK D-35.

ELSE IF CURRPREG = YES, GO TO DF-1 CANHAVER.

ELSE, ASK DE-1 POSIBLPG.

POSIBLPG

DE-1. IF HASBABES = YES, ASK:

Now I have a few more questions about your physical ability to have another baby at some time in the future.

Some women are not physically able to have children. As far as you know, is it physically possible for you, yourself, to have another baby?

ELSE IF HASBABES = NO, ASK:

Now I have a few more questions about your physical ability to have a baby at some time in the future.

Some women are not physically able to have children. As far as you know, is it physically possible for you, yourself, to have a baby?

Yes1
No5

**FLOW CHECK D-31: IF DE-1 POSIBLPG = 5, ASK DE-2 REASIMPR.
ELSE IF DE-1 POSIBLPG = 1, DK, OR RF, GO TO FLOW CHECK D-32.**

REASIMPR

DE-2. What is the reason it is impossible for you to have a baby in the future? Is it ...

READ List; DO NOT PROBE

[HELP AVAILABLE]

Impossible due to an accident or illness1
Impossible due to menopause2
Impossible for some other reason3
Impossible for you to have a baby,
for unknown reasons4

**FLOW CHECK D-32: IF CHPNAME NE BLANK AND PSURGSTR = NO, ASK DE-3 POSIBLMN.
ELSE, GO TO DF-1 CANHAVER.**

POSIBLMN

DE-3. What about [CHPNAME]? As far as you know, is it physically possible for him to father a baby in the future?

Yes1
No5

**FLOW CHECK D-32b: IF DE-3 POSIBLMN = 5, ASK DE-4 REASIMPP.
ELSE IF DE-3 POSIBLMN = 1, DK, or RF, GO TO FLOW CHECK D-33.**

REASIMPP

DE-4. What is the reason it is impossible for [CHPNAME] to father a baby in the future? Is it ...

READ List; DO NOT PROBE

[HELP AVAILABLE]

Impossible due to an accident or illness1
Impossible for some other reason2
Impossible for him to father a baby,
for unknown reasons3

FLOW CHECK D-33: IF DE-1 POSIBLPG = NO, GO TO FLOW CHECK D-34.

PREGNANCY DIFFICULTY SERIES (DF)

CANHAVER

DF-1. IF CURRPREG = YES, ASK:

Some women are physically able to have another baby, but have difficulty

getting pregnant or carrying the baby to term. As far as you know, would you, yourself, have any difficulty getting pregnant again or carrying another baby after this pregnancy?

ELSE IF CURRPREG = NO AND HASBABES = YES, ASK:

Some women are physically able to have another baby, but have difficulty getting pregnant or carrying the baby to term. As far as you know, would you, yourself, have any difficulty getting pregnant again or carrying another baby to term?

ELSE IF CURRPREG = NO AND HASBABES = NO, ASK:

Some women are physically able to have a baby, but have difficulty getting pregnant or carrying the baby to term. As far as you know, would you, yourself, have any difficulty getting pregnant or carrying a baby to term?

[HELP AVAILABLE]

Yes1
No5 (FLOW CHECK D-34)

REASDIFF

DF-2. IF HASBABES = YES OR CURRPREG = YES, ASK:

Please look at Card 28. What is the reason that it would be difficult for you to have another baby?

ELSE IF HASBABES = NO AND CURRPREG = NO, ASK:

Please look at Card 28. What is the reason that it would be difficult for you to have a baby?

ENTER all that apply
PROBE: "Any other reasons?"

[SHOW CARD 28]
[HELP AVAILABLE]

You have difficulty getting pregnant.....1
You have difficulty carrying baby to term.....2
Pregnancy is dangerous to your health.....3
You are likely to have an unhealthy baby4
Or some other reason5

FLOW CHECK D-34: IF CHPNAME = BLANK OR DE-3 POSIBLMN = NO OR PSURGSTR = YES, GO TO DF-4 PREGNONO.

CANHAVEM

DF-3. As far as you know, does [CHPNAME] have any difficulty fathering a baby?

[HELP AVAILABLE]

Yes1
No5

PREGNONO

DF-4. IF EVERPREG = YES, ASK:

At any time has a medical doctor ever advised you never to become pregnant again?

ELSE IF EVERPREG = NO, ASK:

At any time has a medical doctor ever advised you never to become pregnant?

Yes1

No5 (Flow Check D-35)

REASNONO

DF-5. Please look at Card 29 and tell me why the doctor advised you not to become pregnant?

ENTER all that apply

[SHOW CARD 29]

Dangerous for you1
Dangerous for your baby2
Some other reason3

FLOW CHECK D-35: COMPUTE RSTRSTAT:

(R's sterility status, defined for all Rs)

IF RSURGSTR = YES, THEN RSTRSTAT = 1 (surgically sterile).
ELSE IF DE-1 POSIBLPG = 5 (NO), THEN RSTRSTAT = 2 (nonsurgically sterile).
ELSE RSTRSTAT = 0 (neither surgically nor nonsurgically sterile).

COMPUTE PSTRSTAT:

(R's current H/P's sterility status, defined for all R's who have a current H/P)

IF CHPNAME = BLANK, THEN PSTRSTAT = null/blank.
ELSE IF PSURGSTR = YES, THEN PSTRSTAT = 1 (surgically sterile).
ELSE IF DE-3 POSIBLMN = 5 (NO), THEN PSTRSTAT = 2 (nonsurgically sterile).
ELSE PSTRSTAT = 0 (neither surgically nor nonsurgically sterile).

VARIABLES (DEFINED OR ASKED IN THIS SECTION) TO BE PASSED FORWARD

DB-2 PLCFEMOP (place of R's sterilizing operation(s))

ANYFSTER
ANYMSTER
CMTUBLIG
CMHYST
CMOVAREM
CMOTSURG
CMOPER1
FSTROP12
STERCLIN
CMMALEOP
CMLIGREV
CMVASREV
RSURGSTR
PSURGSTR
CMFHPVAS
CMFHPVRV
RSTRSTAT
PSTRSTAT