

Contraception

Age Cohorts	Younger
Surveys	Surveys 1, 2 & 3
Derived Variables	CCEP
Definition	Contraceptive use at Survey 1 & 2
Source Items (Index Numbers)	Survey 1: Questions 23 and 25a&b (REPH-024, -026 & -027) Survey 2: Questions 32a –g (REPH-051 to REPH-057) Surveys 1 & 2: Questions 21 & 34 (REPH-009) Survey 3: Question 30 (REPH-084 to REPH-089) Survey 3: Question 31 (REPH-090)
Statistical Form	Categorical variable
Index Number	REPH-108
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Endorsed	24 April 2002

Source Items - Surveys 1 & 2

21 & 34 Are you currently pregnant?

Code	Response
1	Yes
2	No
3	Don't know

Source Items - Survey 1

23 What sort of contraception do you use now?

Code	Response
1	Don't need to use any (eg pregnant or no sex)
2	Choose not to use any (eg want to be pregnant)
3	Oral contraceptive pill
4	Condom
5	Other (<i>Please specify on line</i>)

The details recorded by respondents under 'Other' (5) are not recorded in the data set.

Source Items - Survey 2

32 Which of the following apply to you **NOW**: (Mark all that apply)

- a I don't need to use any contraception (eg pregnant or no sex)
- b I choose not to use any contraception (eg want to be pregnant)
- c I use the oral contraceptive pill for contraception
- d I use the oral contraceptive pill for other reasons
- e I use condoms for contraception
- f I use condoms (or other barrier methods) for prevention of infection
- g I use another method of contraception

Code	Response
1	Yes
2	No

ALSWH re-codes

All marked items are coded to 1.

Data have been edited so that any part of the question is marked, then all unmarked items are coded to 0.

If no parts of the question are marked, then all parts are coded to missing.

Source Items - Survey 3

30 What forms of contraception do you use **NOW**? (Circle all that apply)

- a I use the oral contraceptive pill
- b I use condoms
- c I use emergency contraception (eg morning after pill)
- d I use an implant (eg Implanon)
- e I use another method of contraception
- f None, I don't use contraception

If responses a-e are chosen - Go to Q32

If response f is chosen - Go to Q31

31 Which of these best describes why you are not using contraception NOW?

Code	Response
1	I am pregnant now/have recently had a baby
2	I am trying to become pregnant
3	I have had a tubal ligation or hysterectomy
4	My partner has had a vasectomy
5	I have found out that I cannot have children
6	I have found out that my partner cannot have children
7	I have no male sexual partners now
8	Other

Derived Variable

Categories for contraceptive status are defined as shown.

Code	Response
	<i>Don't use contraception</i>
1	Don't need contraception - Pregnant now/recently had a baby
2	Don't need contraception – Other (tubal ligation/vasectomy/can't have children/no partner/other;
3	Choose not to use contraception (trying to become pregnant)
	<i>Use contraception</i>
4	OCP only
5	OCP <i>and</i> any other contraceptive (condom, emergency contraception, implant, other);
6	Condom alone or with other contraceptives (emergency contraception, implant, other); No OCP
7	Other contraceptives only; No OCP or condoms
9	Missing

OCP = Oral Contraceptive Pill

The variable is derived for all women from the Younger cohort agreeing to follow-up beyond Survey 1 (y1longit=1) and completing the relevant survey item (Table 1).

Suggestions for collapsing categories for statistical analyses are shown in Table 2.

Table 1 Number and Percent in each Contraceptive Status Category

	Survey 1		Survey 2		Survey 3	
	Number	Percent	Number	Percent	Number	Percent
Pregnant now – don't need contraception	419	2.9	487	5.0	795	8.8
Don't need contraception – Other	3 267	22.9	1 302	13.4	1 329	14.6
Choose not to use contraception	326	2.3	443	4.6	537	5.9
Oral Contraceptive Pill (OCP) only	5 178	36.3	4 041	41.7	2 979	32.8
OCP and any other contraceptive	1938	13.6	1 313	13.6	1 206	13.3
Condom alone or other contraceptives (No OCP)	2 573	18.1	1 440	14.9	1 444	15.9
Other contraceptives only (No OCP/condoms)	418	2.9	520	5.4	684	7.5
Missing	128	0.9	142	1.5	107	1.2
Total	14 247		9 688		9 081	

Table 2 Combinations of contraceptive status codes used to define analytic variables

	New Variable Code	Contraceptive Code
Contraceptive Use		
Contraceptive User	1	4-7
Pregnant now – don't need contraception	2	1
Don't need contraception - Other	3	2
Choose not to use contraception	4	3
Missing	9	9
Type of Contraceptive Used		
OCP (Oral Contraceptive Pill) only	1	4
OCP and any other contraceptive	2	5
Condom alone or with other contraceptives (No OCP)	3	6
Other contraceptives only (No OCP/condoms)	4	7
Missing or not applicable	9	1-3, 9

The SAS code defining contraception is:

Survey 1

```
    if y1q21 = 1 then y1ccep = 1 ;
else if (y1q25a in (2,.))and (y1q25b in (2,.)) then do ;
    if y1q23 = 1 then y1ccep = 2 ;
    else if y1q23 = 2 then y1ccep = 3 ;
    else if y1q23 = 3 then y1ccep = 4 ;
    else if y1q23 = 4 then y1ccep = 6 ;
    else if y1q23 = 5 then y1ccep = 7 ;
    else y1ccep = 9 ;                end ;
else if y1q23 in (.,1,2) then do ;
    if y1q25a = 2 and y1q25b = 1 then y1ccep = 4 ;
    else if y1q25a = 1 and y1q25b = 1 then y1ccep = 5 ;
    else if y1q25a = 1 and y1q25b = 2 then y1ccep = 6 ;        end ;
else if y1q23 = 3 and y1q25a = 2 then y1ccep = 4 ;
else if y1q23 in (4,5) and y1q25b = 2 then y1ccep = 6 ;
else if y1q23 in (3,4,5) then y1ccep = 5 ;
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Survey 2

```
array q32{7} y2q32a y2q32b y2q32c y2q32d y2q32e y2q32f y2q32g ;
array q32_5{5} y2q32c y2q32d y2q32e y2q32f y2q32g ;

    if y2q34 = 1 then y2ccep = 1 ;
else if nmiss (of q32{*}) = 7 then y2ccep = 9 ;
else if sum (of q32_5{*}) = 0 then do ;
    if y2q32a=1 and y2q32b in (0,1) then y2ccep = 2 ;
    else if y2q32a=0 and y2q32b=1 then y2ccep = 3 ;                end ;
else do ;
    if y2q32g = 1 and sum (of q32_5{*}) = 1 then y2ccep = 7;
    else if (y2q32c=1 or y2q32d=1) and (y2q32e+y2q32f+y2q32g)=0
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        then y2ccep = 4 ;

else if (y2q32e=1 or y2q32f=1 or y2q32g=1) and
        (y2q32c=0 and y2q32d=0) then y2ccep = 6 ;

else if (y2q32c=1 or y2q32d=1) and
        ((y2q32e=1 or y2q32f=1) or (y2q32g in (0,1))) then y2ccep = 5 ;

end ;

```

Survey 3

```

if y3q30a=. and y3q30b=. and y3q30c=. and y3q30d=. and y3q30e=.
    and y3q30f=. then y3ccep=9;

else if y3q30f=1 then do;
    if y3q31=1 then y3ccep=1;
    else if y3q31 in (3,4,5,6,7,8) then y3ccep=2;
    else if y3q31=2 then y3ccep=3;
    else if y3q31=. then y3ccep=9;          end;

else do;
    if y3q30a=1 and (y3q30b+y3q30c+y3q30d+y3q30e)=0 then y3ccep=4;
    else if y3q30a=1 and (y3q30b=1 or y3q30c=1 or y3q30d=1 or y3q30e=1)
        then y3ccep=5;
    else if y3q30a=0 and (y3q30b=1 or y3q30c=1 or y3q30d=1 or y3q30e=1)
        then y3ccep=6;
    else if (y3q30c=1 or y3q30d=1 or y3q30e=1) and
        (y3q30a=0 and y3q30b=0) then y3ccep=7;          end;

```