

ICPSR 37067

**Continuity and Change in
Contraceptive Use, United States,
2012-2014**

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Public-Use Dataset Users' Guide

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2012–2014 Continuity and Change in Contraceptive Use Study

Public-Use Dataset Users' Guide

Data collected by the Guttmacher Institute
2012–2014

Public-use dataset prepared by the Guttmacher Institute
February 2018

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Introduction; about the data

The Continuity and Change in Contraceptive Use study assesses contraceptive use patterns from a national sample of women four times over an 18-month time period. Through this survey, researchers can examine patterns of use and a wide range of issues that inform women's contraceptive use patterns, including pregnancy motivation, life events, relationship dynamics and access to health care.

Brief methodology

The Guttmacher Institute subcontracted with GfK (formerly Knowledge Networks) to administer the survey using their KnowledgePanel, a national household panel recruited using a probability-based methodology. The panel totals approximately 50,000 individual household members older than 13 years and is representative of the U.S. population. GfK uses address-based sampling to recruit panel members; if a household invited to participate in the panel lacks a computer or Internet access, GfK provides them free of charge. GfK estimates that its panel covers 97% of U.S. households. This panel had been used previously in several published papers on sexual behavior and contraception, demonstrating the willingness of the sample members to participate in surveys related to sexual behavior.

The baseline survey population was restricted to women aged 18–39 years who had ever had vaginal sex with a man, who were not currently pregnant, who had not had a tubal ligation and whose main sexual partner had not had a vasectomy.

Surveys were administered online. The baseline survey instrument contained approximately 60 questions, and the median time for survey completion was 12 minutes. Survey participants provided information about their relationships, pregnancy and childbearing attitudes and experiences, contraceptive use, access to health care and disruptive events.

Over a 3-week period in November and December of 2012, 11,365 women were invited to participate in the survey. Of those, 6,658 answered the four screening items, yielding a response rate of 59%; 4,647 of those were eligible to participate, and 4,634 completed the full Wave 1 survey. Wave 2 was fielded six months post-baseline, over a 3-week period in May and June of 2013. A total of 3,207 women, or 69% of the baseline respondents, completed the Wave 2 survey. Survey participants were contacted again one year after baseline, in December 2013. A total of 2,398 women, or 75% of the Wave 2 respondents, completed the Wave 3 survey. A final Wave 4 survey was fielded in June 2014. A total of 1,842 women, or 77% of the Wave 3 respondents, completed the Wave 4 survey.

Respondents choose whether to take the survey in English or Spanish, and received \$10 remuneration for each wave completed.

GfK obtained informed consent from all individuals prior to including them in its panel. No identifying information from respondents (e.g., name, date of birth) was collected in the survey. The project was approved by the Guttmacher Institute's federally registered institutional review board.

Data files

There are four data files, corresponding to the four waves of the study.

The Wave 1 file contains 469 variables. All the variables are numeric in type, with the exception of open-ended questions (i.e., Q23B_pill_other, Q23B_patch_other, Q23B_ring_other, Q23B_Depo_other, Q23B_Implant_other, Q23B_IUD_other, nobcqual, otroins, novisqual, otrodoc, probqual).

The Wave 2 file contains 459 variables. All the variables are numeric in type, with the exception of open-ended questions (i.e., Q23B_pill_other, Q23B_patch_other, Q23B_ring_other, Q23B_Depo_other, Q23B_Implant_other, Q23B_IUD_other, whyout1, whyout2, whyout3, nobcqual, otroins, otrodoc, probqual, whatelse).

The Wave 3 file contains 393 variables. All the variables are numeric in type, with the exception of open-ended questions (i.e., Q23B_pill_other, Q23B_patch_other, Q23B_ring_other, Q23B_Depo_other, Q23B_Implant_other, Q23B_IUD_other, nobcqual, appqual, otroins, otrodoc).

The Wave 4 file contains 385 variables. All the variables are numeric in type, with the exception of open-ended questions (i.e., Q23B_pill_other, Q23B_patch_other, Q23B_ring_other, Q23B_Depo_other, Q23B_Implant_other, Q23B_IUD_other, nobcqual, appqual, otroins, otrodoc).

In each file, variable labels are applied to all variables and value labels are applied to variable values when appropriate.

Available data formats

The data are available in the following formats:

- SAS (.sas7bdat data file plus .sas setup file)
- SPSS (.sav data file plus .sps syntax file)
- Stata (.dta data file plus .do do-file)
- ASCII (.txt)
- Excel/tab-separated (.tsv)

Key variables

The unique respondent identifier is `caseid`. Date and time that surveys began and ended are recorded by the variables `tm_start` and `tm_finish`.

Key demographic variables include `age` (age), `raceth` (race/ethnicity), `degree` (highest educational degree received), `nbirths` (number of times given birth at baseline), `birth3mo` (gave birth in the last 3 months), `marstat` (current marital status), `empstat` (current employment status), `msa` (residential MSA status), `hhsiz` (household size), `hhinc` (household income), and `povrate` (household poverty status).

Due to the survey's complex sampling design, users should use weights to achieve representative estimates. Weight variables in each successive wave are named `weight`.

A number of recodes were generated to facilitate use of the data. Recoded variables are identified as such in their variable labels. **Whenever available, recoded variables should be used instead of original variables.** Programming for these recodes can be found below in the "Syntax for derived and recoded variables" section. Also available are a codebook in a separate document with information on each variable in the dataset, as well as the questionnaires that were used in the field.

Missing values

Numeric variables generally have standard missing values (.) and/or extended missing values with value labels (e.g., .d for Don't know). In some cases, numeric variables may also have valid values of 96, 97, 98, 99, etc. The meaning of these values are explained in their value labels. String variables have been assigned a value of "" for missing.

Contact person

For inquiries about this dataset, please contact Suzette Audam through the Guttmacher Center for Population Research Innovation and Dissemination at popcenter@guttmacher.org or via phone at (212) 248-1111.

Bibliography of articles based on the dataset

“Pull and pray or extra protections: contraceptive strategies involving withdrawal among US adult women,” Jones RK, Lindberg LD and Higgins JA. *Contraception*, 2014, 90(4): 416-421.

“Using longitudinal data to understand changes in consistent contraceptive use,” Jones RJ, Tapales A, Lindberg LD, Frost J. *Perspectives on Sexual and Reproductive Health*, 2015, 47(3):131-139.

Extended methodology

Data collection (recruitment and sampling)

The GfK KnowledgePanel is the largest online panel that is representative of the adult US population. GfK's recruitment process employs an addressed-based sampling methodology from the Delivery Sequence File of the USPS — a database with full coverage of all delivery points in the US. The DSF-based sampling frame is enhanced with a series of refinements, such as the appendage of various ancillary data to each address, to facilitate complex stratification plans. Quarterly samples are selected using a disproportionate stratified sampling methodology across the following four strata:

- Stratum 1: Hispanic households with at least one 18 to 24 year-old
- Stratum 2: Remaining Hispanic households
- Stratum 3: Remaining households with at least one 18 to 24 year-old
- Stratum 4: All remaining households

Adults from sampled households are invited to join KnowledgePanel through a series of mailings, including an initial invitation letter, a reminder postcard, and a subsequent follow-up letter. Given that a subset of physical addresses can be matched to a corresponding landline telephone number, about 5 weeks after the initial mailing, telephone refusal-conversion calls are made to nonresponding households for which a telephone number is matched.¹

Eligibility

The respondent recruitment and selection for the survey was completed entirely by GfK. GfK maintains a nationwide probability-based online research panel that is representative of the U.S. population. For those who agree to participate, but do not have internet access, GfK provided internet appliance and service connection at no cost. Panelists then received unique log-in information for accessing the surveys online. Our sample was drawn from this larger panel. A screener was used at baseline to identify women at risk of pregnancy. Eligible participants were women ages 18–39 who have ever had vaginal sex, have not had a tubal ligation and whose main sexual partner had not had a vasectomy, and were not pregnant at baseline. These eligibility criteria were chosen to identify women of reproductive age most likely to be relying on reversible forms of contraceptive methods (or no methods) and, in turn, at risk of inconsistent contraceptive use and unintended pregnancy. Those who qualified were asked to participate in a panel study that collected information from them four times over 18 months (through April 2014). GfK relies on non-specific survey incentives. For households provided with free hardware and internet access, this is considered the incentive; households using their own computer and internet access receive cash incentives for regular participation in surveys, typically \$4 to \$6 per month. Guttmacher did not offer an additional cash incentive for participation in the baseline survey. However, to compensate for the time we requested to fill out follow-up surveys at T2, T3 and T4, we offered an additional incentive of \$10 for each survey that is filled out.

GfK has developed its own consent procedure. When individuals are initially invited to participate in the panel, they are briefed on the GfK's Privacy and Terms of Use Policy. Apart

¹ KnowledgePanel® Recruitment and Sample Survey Methodologies. (n.d.). GfK. Retrieved from http://www.gfk.com/fileadmin/user_upload/dyna_content/US/documents/KnowledgePanel_Recruitment_Sample_Survey_Methodology.pdf

from the personal and demographic information that is collected from all panel members, they are informed that they will be regularly invited to complete surveys on a wide range of topics, including political, financial, lifestyle, and advertising questions. Respondents are assured that their participation is confidential and voluntary at all times, and are aware of this before they are invited to participate in any survey.

All contact with respondents and any identifying information is GfK's proprietary property and at no time did the Guttmacher Institute have access to identifying information. All survey responses are confidential, with identifying information never revealed without respondent approval.

Data collection (weighting)

For selection of general population samples, a patented methodology has been developed by GfK that ensures the resulting samples behave as EPSEM (equal probability selection method). This methodology starts by weighting the entire KnowledgePanel to the detailed geodemographic benchmarks of US adults from the latest March supplement of the CPS. This ensures that the weighted distribution of the KnowledgePanel perfectly matches that of the US adults. Using the weights as the measure of size (MOS) for each panel member, a PPS (probability proportional to size) procedure is used to select study-specific samples. The application of this PPS methodology with the MOS values produces fully self-weighting samples, for which each sample member can carry a design weight of unity. Once the study sample has been selected and fielded, and all the survey data are cleaned, design weights are adjusted to compensate for any differential nonresponse and undercoverage that may have occurred during the data collection process. Final analysis weights are produced using an iterative proportional fitting (raking) procedure to ensure that the resulting weights are aligned with respect to all study benchmark distributions simultaneously. In the last step, calculated weights are examined to identify and, if necessary, trim outliers at the extreme upper and lower tails of the weight distribution. The resulting weights are then scaled to sum to the total sample size of all eligible respondents. Each wave of survey data must be weighted before it can be used to produce reliable estimates of population parameters.²

Data collection (survey)

The Guttmacher Institute subcontracted with GfK to field each wave of surveys to its KnowledgePanel. The baseline survey instrument, consisting of approximately 60 questions, was accessed and completed online by approximately 4,600 panel participants at baseline. All women who participated at baseline were asked to participate in the three subsequent rounds of the survey at 6-month intervals. The first round of data collection occurred over a 3-week period in November and December of 2012.

² KnowledgePanel® Recruitment and Sample Survey Methodologies. (n.d.). GfK. Retrieved from http://www.gfk.com/fileadmin/user_upload/dyna_content/US/documents/KnowledgePanel_Recruitment_Sample_Survey_Methodology.pdf

Syntax for recoded or derived variables

Some variables have been recoded or derived in order to facilitate analysis. Below is a subset of the SAS code that was used to create these variables.

Please note that some original variables in the dataset may contain invalid values and discrepancies, as they were not used in previously published analyses. **Whenever available, recoded variables** (identified by RECODE in the variable label) **should be used instead of original variables**. There are two cases when it may be necessary to use original variables: 1) when variables were not related to analyses, and so a recoded version does not exist, and 2) when recoded variables differ from their corresponding original variables in the information that they contain and are not ideal for answering a specific research question. For instance, if an analysis requires the exact age of each respondent, one should use the original age variable as opposed to a recode that collapses age into 5-year age groups. When using original variables for either of these reasons, it is the responsibility of the user to cross-check and clean those variables.

Some variables have been removed from the dataset because the information that they contain is included in other variables or they contain personally identifiable information that could potentially identify individuals.

Wave 1

```
compute union=-1.
if q1_6=1 union=5.
if q1_5=1 union=5.
if q1_4=1 union=4.
if q1_2=1 union=2.
if q1_1=1 union=1.
if q1_3=1 and q1_2 ne 1 union=3.
value labels union 1'married' 2'cohabiting' 3'separated from spouse' 4'never married' 5'prev
married'.
missing values union (-1).
variable labels union "Q1 RECODE. Rs union status".
```

```
do if missing (union).
if ppmarit=1 union=1.
if ppmarit=5 union=4.
end if.
```

```
compute unionb=union.
do if union=3.
if q1b=1 unionb=1.
if q1b=2 unionb=5.
end if.
recode unionb (3 6=5) (else=copy).
if unionb ge 3 and q2=1 unionb=3.
variable labels unionb "Q1 and 2 RECODE. Rs union status".
```

value labels unionb 1'married' 2'cohabiting' 3'dating' 4'never married' 5'prev married'.

*COLLAPSING 4 VARS INTO 2.

do if missing (q3b_d1) and not missing (q3b_e1).

compute q3b_d1=q3b_e1.

compute q3b_d2=q3b_e2.

end if.

compute var3=0.

if q3b_d1 ne q3b_d2 var3=1.

compute pgender=-1.

if q3b_a=2 or q3b_b=2 or q3b_c=2 or q3b_d1=2 pgender=2.

if q3b_a=1 or q3b_b=1 or q3b_c=1 or q3b_d1=1 pgender=1.

value labels pgender 1'male' 2'female'.

variable labels pgender "Q3b RECODE. Ps gender".

missing values pgender (-1).

do if missing (q4_d1) and not missing (q4_e1).

compute q4_d1=q4_e1.

compute q4_d2=q4_e2.

end if.

*MADE THE EXECUTIVE DECISION TO ONLY CODE 1ST P AT THIS POINT. INFO ABOUT 2ND Ps NOT INCLUDED.

compute special=-1.

if q4_c=1 or q4_d1=1 special=1.

if q4_c=2 or q4_d1=2 special=2.

if q4_c=3 or q4_d1=3 special=3.

variable labels special "Q4 RECODE. Agreed to special romantic rel with P".

value labels special 1'yes' 2'no' 3'unsure'.

missing values special (-1).

compute mogamy=-1.

if q6_a=1 or q6_b=1 or q6_c=1 or q6_d1=1 or q6_e1=1 mogamy=1.

if q6_a=2 or q6_b=2 or q6_c=2 or q6_d1=2 or q6_e1=2 mogamy=2.

if q6_a=3 or q6_b=3 or q6_c=3 or q6_d1=3 or q6_e1=3 mogamy=3.

if q6_a=4 or q6_b=4 or q6_c=4 or q6_d1=4 or q6_e1=4 mogamy=4.

if q6_a=5 or q6_b=5 or q6_c=5 or q6_d1=5 or q6_e1=5 mogamy=5.

if q6_a=6 or q6_b=6 or q6_c=6 or q6_d1=6 or q6_e1=6 mogamy=6.

value labels mogamy 1'not at all likely' 6'very likely'.

missing values mogamy (-1).

variable labels mogamy "Q6 RECODE. how likely P had other P".

compute commit=-1.

```

if q7_a=1 or q7_b=1 or q7_c=1 or q7_d1=1 or q7_e2=1 commit=1.
if q7_a=2 or q7_b=2 or q7_c=2 or q7_d1=2 or q7_e2=2 commit=2.
if q7_a=3 or q7_b=3 or q7_c=3 or q7_d1=3 or q7_e2=3 commit=3.
if q7_a=4 or q7_b=4 or q7_c=4 or q7_d1=4 or q7_e2=4 commit=4.
if q7_a=5 or q7_b=5 or q7_c=5 or q7_d1=5 or q7_e2=5 commit=5.
if q7_a=6 or q7_b=6 or q7_c=6 or q7_d1=6 or q7_e2=6 commit=6.
value labels commit 1'not at all' 6'very committed'.
missing values commit (-1).
variable labels commit "Q7 RECODE. how committed is R to relationship".

```

```

compute happy=-1.
if q8_a=1 or q8_b=1 or q8_c=1 or q8_d1=1 or q8_e1=1 happy=1.
if q8_a=2 or q8_b=2 or q8_c=2 or q8_d1=2 or q8_e1=2 happy=2.
if q8_a=3 or q8_b=3 or q8_c=3 or q8_d1=3 or q8_e1=3 happy=3.
if q8_a=4 or q8_b=4 or q8_c=4 or q8_d1=4 or q8_e1=4 happy=4.
if q8_a=5 or q8_b=5 or q8_c=5 or q8_d1=5 or q8_e1=5 happy=5.
if q8_a=6 or q8_b=6 or q8_c=6 or q8_d1=6 or q8_e1=6 happy=6.
value labels happy 1'not at all' 6'very happy'.
missing values happy (-1).
variable labels happy "Q8 RECODE. how happy is R with relationship".

```

```

compute sexsat=-1.
if q9_a=1 or q9_b=1 or q9_c=1 or q9_d1=1 or q9_e1=1 sexsat=1.
if q9_a=2 or q9_b=2 or q9_c=2 or q9_d1=2 or q9_e1=2 sexsat=2.
if q9_a=3 or q9_b=3 or q9_c=3 or q9_d1=3 or q9_e1=3 sexsat=3.
if q9_a=4 or q9_b=4 or q9_c=4 or q9_d1=4 or q9_e1=4 sexsat=4.
if q9_a=5 or q9_b=5 or q9_c=5 or q9_d1=5 or q9_e1=5 sexsat=5.
if q9_a=6 or q9_b=6 or q9_c=6 or q9_d1=6 or q9_e1=6 sexsat=6.
if q9_a=7 or q9_b=7 or q9_c=7 or q9_d1=7 or q9_e1=7 sexsat=7.
value labels sexsat 1'not at all' 6'very satisfied' 7'NA, no sex yet'.
missing values sexsat (-1).
variable labels sexsat "Q9 RECODE. how happy is R with sexual relationship".

```

```

compute argue=-1.
if q10_a=1 or q10_b=1 or q10_c=1 or q10_d1=1 or q10_e1=1 argue=1.
if q10_a=2 or q10_b=2 or q10_c=2 or q10_d1=2 or q10_e1=2 argue=2.
if q10_a=3 or q10_b=3 or q10_c=3 or q10_d1=3 or q10_e1=3 argue=3.
if q10_a=4 or q10_b=4 or q10_c=4 or q10_d1=4 or q10_e1=4 argue=4.
if q10_a=5 or q10_b=5 or q10_c=5 or q10_d1=5 or q10_e1=5 argue=5.
value labels argue 3'2-5' 4'6-10' 5'11 or more'.
missing values argue (-1).
variable labels argue "Q10 RECODE. N of serious arguments in last 30 days".
value labels argue 1'0' 2'1' 3'2-5' 4'6-10' 5'11 or more'.

```

```

compute trypreg=-1.
if q11_a_1=1 or q11_b_1=1 or q11_c_1=1 or q11_d1_1=1 or q11_e1_1=1 trypreg=1.

```

```
if q11_a_1=2 or q11_b_1=2 or q11_c_1=2 or q11_d1_1=2 or q11_e1_1=2 trypreg=2.
missing values trypreg (-1).
value labels trypreg 1'yes' 2'no'.
variable labels trypreg "Q11 RECODE. P tried to get R preg when not want to be in last 6 months?".
```

```
compute prevbc=-1.
if q11_a_2=1 or q11_b_2=1 or q11_c_2=1 or q11_d1_2=1 or q11_e1_2=1 prevbc=1.
if q11_a_2=2 or q11_b_2=2 or q11_c_2=2 or q11_d1_2=2 or q11_e1_2=2 prevbc=2.
missing values prevbc (-1).
value labels prevbc 1'yes' 2'no'.
variable labels prevbc "Q11 RECODE. P tried prevent R from using cp in last 6 months?".
```

```
compute failuse=-1.
if q11_a_3=1 or q11_b_3=1 or q11_c_3=1 or q11_d1_3=1 or q11_e1_3=1 failuse=1.
if q11_a_3=2 or q11_b_3=2 or q11_c_3=2 or q11_d1_3=2 or q11_e1_3=2 failuse=2.
missing values failuse (-1).
value labels failuse 1'yes' 2'no'.
variable labels failuse "Q11 RECODE. P not use condom or withdraw when said would in last 6 months?".
```

```
compute kidswp=-1.
if q12_a=1 or q12_b=1 or q12_c=1 or q12_d1=1 or q12_e1=1 kidswp=0.
if q12_a=2 or q12_b=2 or q12_c=2 or q12_d1=2 or q12_e1=2 kidswp=1.
if q12_a=3 or q12_b=3 or q12_c=3 or q12_d1=3 or q12_e1=3 kidswp=2.
if q12_a=4 or q12_b=4 or q12_c=4 or q12_d1=4 or q12_e1=4 kidswp=3.
if q12_a=5 or q12_b=5 or q12_c=5 or q12_d1=5 or q12_e1=5 kidswp=4.
value labels kidswp 4'4 or more'.
missing values kidswp (-1).
variable labels kidswp "Q12 RECODE. N of bio kids with P".
```

```
compute wantwp=-1.
if Q13_A=1 or Q13_B=1 or Q13_C=1 or Q13_D1=1 or Q13_E1=1 wantwp=1.
if Q13_A=2 or Q13_B=2 or Q13_C=2 or Q13_D1=2 or Q13_E1=2 wantwp=2.
if Q13_A=3 or Q13_B=3 or Q13_C=3 or Q13_D1=3 or Q13_E1=3 wantwp=3.
if Q13_A=4 or Q13_B=4 or Q13_C=4 or Q13_D1=4 or Q13_E1=4 wantwp=4.
if Q13_A=5 or Q13_B=5 or Q13_C=5 or Q13_D1=5 or Q13_E1=5 wantwp=5.
value labels wantwp 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.
missing values wantwp (-1).
variable labels wantwp "Q13 RECODE. R wants kids with P".
```

```
compute intend=-1.
if q17=1 or q17a=1 intend=1.
if q17=2 or q17a=2 intend=2.
if q17=3 or q17a=3 intend=3.
if q17=4 or q17a=4 intend=4.
```

value labels intend 1'trying' 2'expect to try in future' 3'no (more) kids' 4'not sure'.

missing values intend (-1).

variable labels intend "Q17/17a RECODE. current plans about having kids".

compute Pwants=-1.

if q19_a=1 or q19_b=1 or q19_c=1 or q19_d1=1 or q19_e1=1 Pwants=1.

if q19_a=2 or q19_b=2 or q19_c=2 or q19_d1=2 or q19_e1=2 Pwants=2.

if q19_a=3 or q19_b=3 or q19_c=3 or q19_d1=3 or q19_e1=3 Pwants=3.

if q19_a=4 or q19_b=4 or q19_c=4 or q19_d1=4 or q19_e1=4 Pwants=4.

if q19_a=5 or q19_b=5 or q19_c=5 or q19_d1=5 or q19_e1=5 Pwants=5.

value labels Pwants 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.

missing values Pwants (-1).

variable labels Pwants "Q19 RECODE. P wants kids with R".

cross tabs=pwants by wantwp/cells=row.

compute Pavoid=-1.

if q20_a=1 or q20_b=1 or q20_c=1 or q20_d1=1 or q20_e1=1 Pavoid=1.

if q20_a=2 or q20_b=2 or q20_c=2 or q20_d1=2 or q20_e1=2 Pavoid=2.

if q20_a=3 or q20_b=3 or q20_c=3 or q20_d1=3 or q20_e1=3 Pavoid=3.

if q20_a=4 or q20_b=4 or q20_c=4 or q20_d1=4 or q20_e1=4 Pavoid=4.

if q20_a=5 or q20_b=5 or q20_c=5 or q20_d1=5 or q20_e1=5 Pavoid=5.

if q20_a=6 or q20_b=6 or q20_c=6 or q20_d1=6 or q20_e1=6 Pavoid=6.

value labels Pavoid 1'not at all imp' 6'very important'.

missing values Pavoid (-1).

variable labels Pavoid "Q20 RECODE. How important to P to avoid preg now?".

count b2=q23_1 to q23_6 (1).

compute hormonal=-1.

if q23_1=1 hormonal=1.

if q23_2=1 hormonal=2.

if q23_3=1 hormonal=3.

if q23_4=1 hormonal=4.

if q23_5=1 hormonal=5.

if q23_6=1 hormonal=6.

if q23_7=1 hormonal=8.

if b2 gt 1 hormonal=7.

value labels hormonal 1'pill' 2'patch' 3'ring' 4'depo' 5'implant' 6'iud' 7'multiple methods' 8'none'.

variable label hormonal "hormonal method in last 30 days".

recode hormonal (-1=8).

variable labels hormonal "Q23 RECODE. hormonal method used by R in last 30 days".

compute prevent=-1.

if (q23b_pill_1=1 or q23b_patch_1=1) prevent=1.

if q23b_ring_1=1 prevent=1.

if q23b_depo_1=1 prevent=1.

```

if q23b_implant_1=1 prevent=1.
if q23b_iud_1=1 prevent=1.
if (q23b_pill_1=0 or q23b_depo_1=0 or q23b_implant_1=0 or q23b_iud_1=0) prevent=0.
if q23b_ring_1=0 prevent=0.
if q23b_patch_1=0 prevent=0.
if hormonal le 7 and prevent=-1 prevent=9.
value labels prevent 0'no' 1'yes' 9'no answer, code to 0?'.
variable labels prevent 'Q23b RECODE. use hormonal to prevent preg'.
missing values prevent (-1).

```

```

compute cramps=-1.
if (q23b_pill_2=1 or q23b_patch_2=1 or q23b_ring_2=1) cramps=1.
if q23b_depo_2=1 cramps=1.
if q23b_implant_2=1 cramps=1.
if q23b_iud_2=1 cramps=1.
if (q23b_pill_2=0 or q23b_patch_2=0 or q23b_ring_2=0 or q23b_depo_2=0 or
q23b_implant_2=0 or q23b_iud_2=0) cramps=0.
value labels cramps 0'no' 1'yes'.
variable labels cramps 'Q23b RECODE. use hormonal for cramps'.
if hormonal le 7 and prevent=-1 cramps=9.
missing values cramps (-1).

```

```

compute acne=-1.
if q23b_pill_3=1 or q23b_patch_3=1 or q23b_ring_3=1 acne=1.
if q23b_depo_3=1 acne=1.
if q23b_implant_3=1 acne=1.
if q23b_iud_3=1 acne=1.
if q23b_pill_3=0 or q23b_patch_3=0 or q23b_ring_3=0 or q23b_depo_3=0 or
q23b_implant_3=0 or q23b_iud_3=0 acne=0.
if hormonal le 7 and prevent=99 acne=9.
value labels acne 0'no' 1'yes'.
variable labels acne 'Q23b RECODE. use hormonal for acne'.
missing values acne (-1).

```

```

compute period=-1.
if q23b_pill_4=1 or q23b_patch_4=1 or q23b_ring_4=1 period=1.
if q23b_depo_4=1 period=1.
if q23b_implant_4=1 period=1.
if q23b_iud_4=1 period=1.
if q23b_pill_4=0 or q23b_patch_4=0 or q23b_ring_4=0 or q23b_depo_4=0 or
q23b_implant_4=0 or q23b_iud_4=0 period=0.
if hormonal le 7 and prevent=-1 period=9.
value labels period 0'no' 1'yes'.
variable labels period 'Q23b RECODE. use hormonal for period'.
missing values period (-1).

```

```
compute cysts=-1.
if q23b_pill_5=1 or q23b_patch_5=1 or q23b_ring_5=1 cysts=1.
if q23b_depo_5=1 cysts=1.
if q23b_implant_5=1 cysts=1.
if q23b_iud_5=1 cysts=1.
if q23b_pill_5=0 or q23b_patch_5=0 or q23b_ring_5=0 or q23b_depo_5=0 or
q23b_implant_5=0 or q23b_iud_5=0 cysts=0.
if hormonal le 7 and prevent=-1 cysts=9.
value labels cysts 0'no' 1'yes'.
variable labels cysts 'Q23b RECODE. use hormonal for cysts'.
missing values cysts (-1).
```

```
compute otrobc=-1.
if q23b_pill_6=1 or q23b_patch_6=1 or q23b_ring_6=1 otrobc=1.
if q23b_depo_6=1 otrobc=1.
if q23b_implant_6=1 otrobc=1.
if q23b_iud_6=1 otrobc=1.
if q23b_pill_6=0 or q23b_patch_6=0 or q23b_ring_6=0 or q23b_depo_6=0 or
q23b_implant_6=0 or q23b_iud_6=0 otrobc=0.
if hormonal le 7 and prevent=-1 otrobc=9.
value labels otrobc 0'no' 1'yes'.
variable labels otrobc 'Q23b RECODE. use hormonal for other reasons'.
missing values otrobc (-1).
```

```
compute satisbc=-1.
if (Q23D_pill=1 or Q23D_patch=1 or Q23D_ring=1 or Q23D_Depo=1 or Q23D_Implant=1 or
Q23D_IUD=1) satisbc=1.
if (Q23D_pill=2 or Q23D_patch=2 or Q23D_ring=2 or Q23D_Depo=2 or Q23D_Implant=2 or
Q23D_IUD=2) satisbc=2.
if (Q23D_pill=3 or Q23D_patch=3 or Q23D_ring=3 or Q23D_Depo=3 or Q23D_Implant=3 or
Q23D_IUD=3) satisbc=3.
if (Q23D_pill=4 or Q23D_patch=4 or Q23D_ring=4 or Q23D_Depo=4 or Q23D_Implant=4 or
Q23D_IUD=4) satisbc=4.
count g=q23d_pill to q23d_iud (1 2 3 4).
value labels satisbc 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
dissatisfied'.
variable label satisbc "Q23d RECODE. overall satisfaction with hormonal method".
missing values satisbc (-1).
```

```
compute idealbc=-1.
if q32=1 or q32a=1 idealbc=1.
if q32=2 or q32a=2 idealbc=2.
if q32=3 or q32a=3 idealbc=3.
missing values idealbc (-1).
value labels idealbc 1'yes' 2'no' 3'unsure'.
variable labels idealbc "Q32 RECODE. if cost not a barrier, desire other method?".
```

```
count womenhc=q41_a q41_b q41_c (1).
recode womenhc (1 thru 3=1) (0=0).
variable labels womenhc "Q41 RECODE. received any womens health care in last 6 months".
value label womenhc 0'no' 1'yes'.
```

***POVERTY.**

```
recode hhinc (1=4999) (2=6250) (3=8750) (4=11250) (5=13750) (6=17500) (7=22500)
(8=27500) (9=32500) (10=37500) (11=45000) (12=55000) (13=67500) (14=80000) (15=92500)
(16=112500) (17=137500) (18=162500) (19=176000) into hhinc.
```

```
do if state ne 94 and state ne 95.
```

```
compute povrate= rnd((hhinc/((11170+((hhsz-1)*3960)))*100).
```

```
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
```

```
end if.
```

***AK.**

```
do if state = 94.
```

```
compute povrate= rnd((hhinc/((13970+((hhsz-1)*4950)))*100).
```

```
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
```

```
end if.
```

***HI.**

```
do if state = 95.
```

```
compute povrate= rnd((hhinc/((12860+((hhsz-1)*4550)))*100).
```

```
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
```

```
end if.
```

```
value labels povcat 1'lt 100%' 2'100-199%' 3'200%+'.
```

```
variable labels povcat " RECODE. Estimated poverty status based on HHINC and HHSIZE".
```

***EMPLOYMENT.**

```
recode empstat (1 2=1) (3 4=2) (5 6 7=3) into empstat1.
```

```
variable labels empstat1 " RECODE of empstat".
```

```
value labels empstat1 1'employed' 2'looking or temp layoff' 3'not working, incl disabled'.
```

***AGE.**

```
recode age (18 19=1) (20 thru 24=2) (25 thru 29=3) (30 thru 34=4) (35 thru 39=5) into agecat5.
```

```
value labels agecat5 1'18-19' 2'20-24' 3'25-29' 4'30-34' 5'35-39'.
```

```
variable labels agecat5 " RECODE: Age at T1, nov/dec 2012".
```

***BARRIER METHOD USED AT ALL WITH ANY P IN LAST 30 DAYS.**

```
compute withdraw=-1.
```

```
if withdraw=0 or sp1wd=0 or sp2wd=0 withdraw=0.
```

```
if withdraw=1 or sp1wd=1 or sp2wd=1 withdraw=1.
```

```
if withdraw=-1 and sexmo=1 withdraw=0.
```

```
if missing(withdraw) and sexmo=1 withdraw=0.
```

```
execute.
```

```
missing values withdraw (-1).
```

```
variable labels withdraw "Q26 RECODE. R used withdrawal at all with any P in last 30 days".
```


value labels withdrawr 1'yes' 0'no'.

compute snipr=-1.

if vasectomy=0 or sp1vas=0 or sp2vas=0 snipr=0.

if vasectomy=1 or sp1vas=1 or sp2vas=1 snipr=1.

if snipr=-1 and sexmo=1 snipr=0.

missing values snipr (-1).

variable labels snipr "Q26 RECODE. R used vasectomy at all with any P in last 30 days".

value labels snipr 1'yes' 0'no'.

compute condomr=-1.

if condom=0 or sp1cond=0 or sp2cond=0 condomr=0.

if condom=1 or sp1cond=1 or sp2cond=1 condomr=1.

if condomr=-1 and sexmo=1 condomr=0.

execute.

missing values condomr (-1).

variable labels condomr "Q26 RECODE. R used condom at all with any P in last 30 days".

value labels condomr 1'yes' 0'no'.

compute nfpr=-1.

if nfp=0 or sp1nfp=0 or sp2nfp=0 nfpr=0.

if nfp=1 or sp1nfp=1 or sp2nfp=1 nfpr=1.

if nfpr=-1 and sexmo=1 nfpr=0.

execute.

missing values nfpr (-1).

variable labels nfpr "Q26 RECODE. R used NFP at all with any P in last 30 days".

value labels nfpr 1'yes' 0'no'.

compute spermr=-1.

if sperm=0 or sp1sperm=0 or sp2sperm=0 spermr=0.

if sperm=1 or sp1sperm=1 or sp2sperm=1 spermr=1.

if spermr=-1 and sexmo=1 spermr=0.

execute.

missing values spermr (-1).

variable labels spermr "Q26 RECODE. R used other barrier method at all with any P in last 30 days".

value labels spermr 1'yes' 0'no'.

compute nobarr=-1.

if nobarrier=0 or sp1none=0 or sp2none=0 nobarr=0.

if nobarrier=1 or sp1none=1 or sp2none=1 nobarr=1.

if nobarr=-1 and sexmo=1 nobarr=0.

execute.

missing values nobarr (-1).

variable labels nobarr "Q26 RECODE. R used NO barrier method at all with any P in last 30 days".

value labels nobarr 1'yes' 0'no'.

*HOW MUCH KNOW ABOUT BC.

compute bcknow=0.

if pillvcon=1 and pillviud=2 bcknow=2.

if pillvcon=1 and pillviud ne 2 bcknow=1.

if pillvcon ne 1 and pillviud=2 bcknow=1.

if pillvcon=4 and (pillviud=4 or pillviud=5) bcknow=3.

if pillvcon=-1 and pillviud=-1 bcknow=-1.

missing values bcknow (-1).

variable label bcknow 'Q29 and Q30 RECODE. N correct on combined knowledge items'.

value label bcknow 0'none correct' 1'one correct' 2'both correct' 3'plead ignorance on both items'.

missing values hlthprob meds (-1).

*DELETING WOMEN WITH TUBALS AND ONE TRANSEXUAL on NOBCQUAL.

select if caseid ne 399 and caseid ne 6403 and caseid ne 5150 and caseid ne 5673 and caseid ne 6260 and caseid ne 2851 and caseid ne 6254 and caseid ne 756 and caseid ne 5349 and caseid ne 4751.

*WROTE IN 'MORANA IN ME' ON NOBCQUAL BUT DIDN'T INDICATE IUD ON EARLIER ITEM.

if caseid=1045 hormonal=6.

if caseid=1045 iud=1.

*INDICATED PREGNANT ON #15.

select if caseid ne 176 and caseid ne 4549.

*IN LONG TERM COHABITING RELATIONSHIP INDICATED PARTNER HAS VASECTOMY.

select if caseid ne 6032.

*HOW LONG BEEN IN REL WITH CURRENT PARTNER.

recode yearsa to weekse2 (sysmis=0) (-1=0).

recode monthsa to monthsc (12 thru highest=0).

compute yearsa=years*12.

compute yearsb=years*12.

compute yearsc=years*12.

compute yearsd1=years*12.

compute yearsd2=years*12.

compute yearse1=years*12.

compute yearse2=years*12.

compute reltime=-1.

do if unionb=3.

compute reltime=yearsc+monthsc.

end if.

do if unionb=3 and reltime=0.

```
compute reltime=yearsdl+monthsdl.
end if.
do if unionb=3 and reltime=0.
compute reltime=yearse1+monthse1.
end if.
```

```
*ADDING IN WEEKS.
do if unionb=3 and reltime le 0.
if weeksc gt 0 and weeksc le 3 reltime=.5.
if weeksc ge 4 reltime=1.
if weeksc gt 0 and weeksdl le 3 reltime=.5.
if weeksdl ge 4 reltime=1.
if weeksc gt 0 and weekse1 le 3 reltime=.5.
if weekse2 ge 4 reltime=1.
end if.
```

```
do if unionb=2.
compute reltime=yearsrb+monthsrb.
end if.
```

```
do if unionb=1.
compute reltime=yearsra+monthsra.
end if.
if unionb=2 and weeksb=243 reltime=56.
```

```
value labels reltime -1'not in rel, or missing data on relationship' 0'no info on length of
relationship'.
variable label reltime "Q5 RECODE. Months R has been in relationship with P".
recode reltime (.5=1) (1 thru 5=2) (6 thru 11=3) (12 thru 23=4) (24 thru 59=5) (60 thru
highest=6) (else=copy) into creltime.
variable label creltime "Q5 RECODE. Months R has been in relationship with P".
value labels creltime -1'not in rel, or missing data on relationship' 0'no info on length of
relationship' 1'< a month' 2'1-5 months' 3'<1 yr' 4'<2 years' 5'2-4 years' 6'5 or more years'.
missing values reltime creltime (0, -1).
```

```
*N MONTHS BEEN USING HORMONAL METHOD.
```

```
do if hormonal lt 8.
if ypill=-1 and mpill=-1 miss1=1.
if ypatch=-1 and mpatch=-1 miss2=1.
if yring=-1 and mring=-1 miss3=1.
if yimplant=-1 and mimplant=-1 miss4=1.
if ydepo=-1 and mdepo=-1 miss5=1.
if yiud=-1 and miud=-1 miss6=1.
recode ypill to miud (-1=0).
compute longpill=(ypill*12)+mpill.
compute longpatch=(ypatch*12)+mpatch.
```

```
compute longring=(yring*12)+mring.
compute longimp=(yimplant*12)+mimplant.
compute longdepo=(ydepo*12)+mdepo.
compute longiud=(yiud*12)+miud.
if miss1=1 longpill=-1.
if miss2=1 longpatch=-1.
if miss3=1 longring=-1.
if miss4=1 longimp=-1.
if miss5=1 longdepo=-1.
if miss6=1 longiud=-1.
end if.
missing values longpill to longiud (-1).
variable labels longpill to longiud "Q23A RECODE. How many months using method".
```

***CASES TO BE REMOVED FROM CURRENT HORMONAL USE:**

```
do if caseid=581 or caseid=1338 .
compute hormonal=8.
compute patch=0.
compute pill=0.
compute ring=0.
compute depo=0.
compute implant=0.
compute iud=0.
end if.
```

```
do if caseid=3993.
compute hormonal=4.
compute pill=0.
compute ring=0.
end if.
```

```
do if caseid=4780.
compute hormonal=1.
compute patch=1.
end if.
```

```
do if caseid=5587.
compute hormonal=3.
compute pill=0.
compute iud=0.
end if.
```

```
do if hormonal lt 8.
recode longpill to longiud (sysmis=0).
compute timeuse=longpill+longpatch+longring+longimp+longdepo+longiud.
end if.
```

recode timeuse (0=0) (1=1) (2 thru 5=2) (6 thru 11=3) (12 thru 23=4) (24 thru 998=5) (-1=-1)
into ruse1.

value labels ruse1 0'less than one month' 1'one month' 2'2-5 months' 3'6-11 months' 4'12-23
months' 5'two or more yrs'.

missing values timeuse ruse1 (-1).

variable labels timeuse "Q23A RECODE. N months using hormonal method"

ruse1 "Q23A RECODE. N months using hormonal method".

*REASONS FOR NONUSE OF CP.

recode nobcqual (""="NA").

missing values nobcqual ("NA").

count var7 =nosex to TRYINGPG (1).

*TYPE OF INSURANCE.

recode otroins (""="NA").

missing values otroins ("NA").

*RECODING TYPEINS BASED ON OTROINS.

if caseid=302 or caseid=404 or caseid= 496 or caseid=607 or caseid=1308 or caseid=1564 or
caseid=1605 or caseid=2154 or caseid=2221 or caseid=2340 or caseid=2352 or caseid=2367
or caseid=2417 or caseid=2675 or caseid=2734 or caseid=2805 or caseid=2910 or
caseid=2938 or caseid=3226 or caseid=3303 or caseid=3420 or caseid=3422 or caseid=3623
or caseid=4046 or caseid=4259 or caseid=4397 or caseid=4931 or caseid=5206 or
caseid=5264 or caseid=5399 or caseid=5521 or caseid=5642 or caseid=5691 or caseid=5977
or caseid=6070 or caseid=6103 or caseid=6104 or caseid=6281 or caseid=6770 or
caseid=6927 or caseid=6966 typeins=1.

if caseid=740 or caseid=953 or caseid=1354 or caseid=1508 or caseid=1573 or caseid=2034
or caseid=3362 or caseid=3724 or caseid=3772 or caseid=4367 or caseid=5637 typeins=2.

if caseid=434 or caseid=601 or caseid=758 or caseid=1318 or caseid=5419 or caseid=5480 or
caseid=6873 typeins=4.

do if typeins=-1.

if typedoc=1 and inspaid=1 typeins=1.

if typedoc=1 and paidoop=1 typeins=1.

end if.

if typeins=-1 and (reducfee=1 or freecare=1) typeins=4.

*GAP IN INSURANCE THE LAST 6 MONTHS?.

compute gapins=-1.

if typeins=4 gapins=1.

if typeins lt 4 and typeins gt -1 gapins=0.

if gapins=0 and sixins=2 gapins=1.

missing values gapins(-1).

variable labels gapins "Q39 RECODE. did R have any gaps in insurance in last six months".

value labels gapins 1'yes' 0'no'.

*UNINSURED ALL OF LAST SIX MONTHS.

compute unins=-1.

if typeins ge 1 and typeins le 3 unins=0.

if longins=6 unins=1.

if longins ge 1 and longins le 5 unins=0.

variable labels unins "Qs 38 and 39 RECODE. Whether R was WITHOUT health insurance all of the last 6 mos".

value labels unins 1'yes' 0'no' -1'ins type missing' 98'missing info on last 6 mos'.

*ANY VISITS FOR HEALTH CARE IN LAST 6 MONTHS?.

count anyvisit=gynvisit to sickvis (1).

count missvis=gynvisit to sickvis (-1).

recode anyvisit (1 thru 5=1) (0=0).

variable labels anyvisit "Q41 RECODE. Make a visit for any of 5 reasons in last 6 months".

value labels anyvisit 1'yes' 0'no'.

recode novisqual otrodoc probqual ("=" "-1").

missing values novisqual otrodoc probqual ("-1").

temp.

select if novisqual ne "-1" and var8=0.

list vars=caseid.

missing values typedoc (-1).

missing values NEEDSMET to BCINFO (-1).

recode houremp (1 thru 19=1) (20 thru 34=2) (35 thru highest=3) (else=copy) into work1.

variable labels work1 "Q48 RECODE. Hours spent at work in prior week".

value labels work1 1'lt 20' 2'20-34' 3'35 or more'.

recode houred (1 thru highest=1) (else=copy) into inschool1.

variable label inschool1 "Q48 RECODE. Whether R was attending school last week".

value labels inschool1 0'no' 1'yes' -1'missing'.

count nprobs=death to money (1).

variable labels nprobs "Q51 RECODE. Total N of problems experienced in last 6 months".

missing values stillp dating ndating nbirths to avoid feelpg fulfill to agesex misspill to depowhn
pay4bc to nsexp xbarr1 howdual to knowbc

lastsex use6mos1 typeins sixins to sickvis nwithdraw to nsperm wantpg likelysex
 noprotect gapins unis (-1).

missing values whyend (-1) .

recode houremphoured work1 inschool1 (-1=0) (else=copy).
 add value labels houremphoured work1 0'includes 109 nonresponders'
 /inschool1 houred 0'includes 340 nonresponders'.

recode nbirths (1=0) (2=1) (3=2) (4=3) (5=4)
 /patchon (1=0) (2=1) (3=2) (4=3).
 value labels nbirths 0'0' 1'1' 2'2' 3'3' 4'4 or more'
 /patchon 0'0' 1'1' 2'2' 3'3 or more'.

*DIS/AGREEMENT ABOUT WANTING KIDS AND AVOIDING PREGNANCY.

compute rpwant=-1.
 if wantwp=pwants rpwant=1.
 if wantwp ne pwants rpwant=0.
 if wantwp=(pwants +1) or wantwp=(pwants -1) rpwant=1.
 if wantwp=5 and pwants ne 5 rpwant=3.
 if wantwp ne 5 and pwants =5 rpwant=3.

compute rpavoid=-1.
 if avoid=pavoid rpavoid=1.
 if avoid ne pavoid rpavoid=0.
 if avoid=(pavoid+1) OR AVOID=(pavoid-1) rpavoid=1.

missing values rpwant rpavoid (-1).
 value labels rpwant rpavoid 0'disagree' 1'more or less agree' 3'unsure about one but not both'.
 variable labels rpwant "Qs13 & 19 RECODE. R&P dis/agree about wanting kids"
 /rpavoid "Qs 16 & 20 RECODE. R&P dis/agree about avoiding pregnancy".

*****.

*AMONG WOMEN WITH ONE PARTNER AND ONE BARRIER METHOD.

count var10=withdraw condom to sperm (1).
 variable labels var10 "N of barrier methods used with 1st P among women with 1 P".
 compute freqbar=-1.
 *FOR WOMEN WHO ONLY USED 1 METHOD.
 do if var10=1.
 if withdraw=1 and nwithdraw=1 freqbar=1.
 if withdraw=1 and nwithdraw gt 1 freqbar=3.
 if condom=1 and ncondoms=1 freqbar=1.
 if condom=1 and ncondoms gt 1 freqbar=3.
 if nfp=1 and nnfp=1 freqbar=1.

```

if nfp=1 and nnfp gt 1 freqbar=3.
if sperm=1 and nsperm=1 freqbar=1.
if sperm=1 and nsperm gt 1 freqbar=3.
end if.
variable labels freqbar "Q26A RECODE Frequency of barrier method use with first/only P in
last 30 days".
value labels freqbar 1'every time' 2'not sure' 3'not every time' 5'did not use a barrier method' 9'no
sex in last 30 days' -1'missing info on method or sex'.

```

***FOR WOMEN WHO USED TWO METHODS.**

```

do if var10=2.
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=1.
end if.

do if var10=2 and freqbar=-1 and condom=1 and withdraw=1.
if ncondoms=2 and nwithdraw=2 and howdual gt 1 freqbar=2.
if ncondoms=2 and nwithdraw=2 and howdual =1 freqbar=3.
if ncondoms=2 and nwithdraw=3 and howdual =2 freqbar=2.
if ncondoms=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nwithdraw=2 and howdual = 2 freqbar=2.
if ncondoms=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nwithdraw=4 freqbar=3.
if ncondoms=4 and nwithdraw=3 freqbar=3.
if ncondoms=4 and nwithdraw=4 freqbar=3.
if ncondoms=2 and nwithdraw=5 freqbar=3.
if ncondoms=5 and nwithdraw=2 freqbar=3.
if ncondoms=3 and nwithdraw=3 and howdual=2 freqbar=2.
if ncondoms=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nwithdraw=2 and howdual=2 freqbar=2.
if ncondoms=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=2 and nwithdraw=4 and howdual=2 freqbar=2.
if ncondoms=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
end if.
execute.

```

***USED WITHDRAWAL AND NFP.**

```

do if var10=2 and freqbar=-1 and nfp=1 and withdraw=1.
if nnfp=2 and nwithdraw=2 and howdual gt 1 freqbar=2.
if nnfp=2 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=3 and howdual =2 freqbar=2.
if nnfp=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=2 and howdual =2 freqbar=2.
if nnfp=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=4 freqbar=3.
if nnfp=4 and nwithdraw=3 freqbar=3.
if nnfp=4 and nwithdraw=4 freqbar=3.

```



```

if nnfp=2 and nwithdraw=5 freqbar=3.
if nnfp=5 and nwithdraw=2 freqbar=3.
if nnfp=3 and nwithdraw=3 and howdual=2 freqbar=2.
if nnfp=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=4 and nwithdraw=2 and howdual=2 freqbar=2.
if nnfp=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=4 and howdual=2 freqbar=2.
if nnfp=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
end if.

```

***USED CONDOMS AND NFP.**

```

do if var10=2 and freqbar=-1 and condom=1 and nfp=1.
if ncondoms=2 and nnfp=2 and howdual gt 1 freqbar=2.
if ncondoms=2 and nnfp=2 and howdual =1 freqbar=3.
if ncondoms=2 and nnfp=3 and howdual =2 freqbar=2.
if ncondoms=2 and nnfp=3 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=2 and howdual =2 freqbar=2.
if ncondoms=3 and nnfp=2 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=4 freqbar=3.
if ncondoms=4 and nnfp=3 freqbar=3.
if ncondoms=4 and nnfp=4 freqbar=3.
if ncondoms=2 and nnfp=5 freqbar=3.
if ncondoms=5 and nnfp=2 freqbar=3.
if ncondoms=3 and nnfp=3 and howdual=2 freqbar=2.
if ncondoms=3 and nnfp=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nnfp=2 and howdual=2 freqbar=2.
if ncondoms=4 and nnfp=2 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=2 and nnfp=4 and howdual=2 freqbar=2.
if ncondoms=2 and nnfp=4 and (howdual=1 or howdual=3) freqbar=3.
end if.

```

***SPERMICIDE USERS.**

```

do if var10=2 AND freqbar=-1 and sperm=1.
if howdual=1 freqbar=3.
if nwithdraw=2 and nsperm=4 and howdual=2 freqbar=2.
if nwithdraw=4 and nsperm=2 and howdual=2 freqbar=2.
if nnfp=3 and nsperm=3 and howdual=2 freqbar=2.
if nwithdraw=4 and nsperm=4 and howdual=2 freqbar=3.
if ncondoms=3 and nsperm=4 and howdual=2 freqbar=3.
end if.
execute.

```

```

do if var10=3.
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=2.
end if.

```

```
do if (var10=3 or var10=4) and freqbar=-1.  
compute freqbar =2.  
if howdual=1 freqbar=3.  
end if.  
execute.
```

```
if freqbar=-1 and nobarrier=1 freqbar=5.  
execute.
```

***CONSISTENCY OF USE WITH FIRST P AMONG THOSE THAT REPORTED TWO.
*FIRST P AMONG WOMEN WITH TWO PARTNER AND ONE BARRIER METHOD.

```
count var11= sp1wd sp1cond to sp1sperm (1).  
do if var11=1.  
if sp1wd=1 and nwithdraw=1 freqbar=1.  
if sp1wd=1 and nwithdraw gt 1 freqbar=3.  
if sp1cond=1 and ncondoms=1 freqbar=1.  
if sp1cond=1 and ncondoms gt 1 freqbar=3.  
if sp1nfp=1 and nnfp=1 freqbar=1.  
if sp1nfp=1 and nnfp gt 1 freqbar=3.  
end if.
```

**CODING THOSE WHO USED ONE AT LEAST EVERY TIME (N=6).

```
do if var11=2.  
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=1.  
end if.
```

*FOR WOMEN WHO USED TWO METHODS (n=8) ALL USED WITHDRAWAL AND
CONDOMS.

```
do if var11 =2 AND sp1wd=1 and freqbar=-1.  
compute freqbar=2.  
if nwithdraw=3 and ncondoms=4 freqbar=3.  
if howdual=1 freqbar=3.  
if nwithdraw=3 and ncondoms=3 and howdual=3 freqbar=3.  
end if.  
if freqbar=-1 and sp1none=1 freqbar=5.  
execute.
```

***CONSISTENCY OF USE WITH SECOND P AMONG THOSE THAT REPORTED TWO.
*SECOND P AMONG 154 WOMEN WITH TWO PARTNER AND ONE BARRIER
METHOD.

```
count var12= sp2wd to sp2sperm (1).  
compute freqbarb=-1.  
variable labels freqbarb "Q26A RECODE Frequency of barrier method use with SECOND P in  
last 30 days".  
value labels freqbarb 1'every time' 2'not sure' 3'not every time' 5'never, did not use barrier  
method'.
```

*USED 1 METHOD, 17 USED 2, 1 USED 3.

*FOR WOMEN WHO ONLY USED 1 METHOD.

do if var12=1.

if sp2wd=1 and nwithdraw=1 freqbarb=1.

if sp2wd=1 and nwithdraw gt 1 freqbarb=3.

if sp2cond=1 and ncondoms2=1 freqbarb=1.

if sp2cond=1 and ncondoms2 gt 1 freqbarb=3.

if sp2nfp=1 and nnfpr=1 freqbarb=1.

if sp2nfp=1 and nnfpr gt 1 freqbarb=3.

if sp2sperm=1 and nspermr=1 freqbarb=1.

if sp2sperm=1 and nspermr gt 1 freqbarb=3.

end if.

*7-DUAL USERS USED AT LEAST ONE METHOD EVERY TIME THEY HAD SEX.

do if var12=2.

if nwithdraw=1 or ncondoms2=1 or nnfpr=1 or nspermr=1 freqbarb=1.

end if.

*FOR WOMEN WHO USED TWO METHODS (~~n=10~~, ALL USED CONDOMS AND WITHDRAWAL).

*THE USER OF 3 METHODS WAS CONDOM USER USED 2 METHODS MORE THAN HALF.

do if var12=2 and freqbarb=-1 .

if ncondoms2=2 and nwithdraw=2 and howdual gt 1 freqbarb=2.

if ncondoms2=2 and nwithdraw=2 and howdual =1 freqbarb=3.

if ncondoms2=2 and nwithdraw=3 and howdual =2 freqbarb=2.

if ncondoms2=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbarb=3.

if ncondoms2=3 and nwithdraw=2 and howdual =2 freqbarb=2.

if ncondoms2=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbarb=3.

if ncondoms2=3 and nwithdraw=4 freqbarb=3.

if ncondoms2=4 and nwithdraw=3 freqbarb=3.

if ncondoms2=4 and nwithdraw=4 freqbarb=3.

if ncondoms2=2 and nwithdraw=5 freqbarb=3.

if ncondoms2=5 and nwithdraw=2 freqbarb=3.

if ncondoms2=3 and nwithdraw=3 and howdual=2 freqbarb=2.

if ncondoms2=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbarb=1.

if ncondoms2=4 and nwithdraw=2 and howdual=2 freqbarb=2.

if ncondoms2=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbarb=3.

if ncondoms2=2 and nwithdraw=4 and howdual=2 freqbarb=2.

if ncondoms2=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbarb=3.

end if.

if freqbarb=-1 and sp2none=1 freqbarb=5.

if sexmo=2 freqbar=9.

missing values freqbar freqbarb (-1, 9).

recode freqbar (sysmis=-1).

count varz=withdrawr to spermr (1).

temp.

select if varz ge 1.

temp.

select if nsexp ge 2.

****MEASURING CONSISTENCY OF HORMONAL METHOD USE.**

***WOMEN SKIPPED HORMONAL METHOD ITEM BUT LATER INDICATED BARRIER METHOD. CODING TO BE NONUSER.**

compute missed=-1.

if pill=1 and misspill=0 missed=0.

if patch=1 and patchon=0 missed=0.

if ring=1 and (rington=1 or rington=4) missed=0.

if depo=1 and (depowhn=1 or depowhn=3 or depowhn=4) missed=0.

if iud=1 missed=0.

if implant=1 missed=0.

if pill=1 and misspill ge 1 missed=1.

if patch=1 and patchon ge 1 missed=1.

if ring=1 and (rington =2 or rington=3) missed=1.

if depo=1 and depowhn=2 missed=1.

***OF THE 43 WOMEN WHO REPORTED DUAL HORMONAL METHOD USE, ALSO REPORTED IMPERFECT USE OF AT LEAST ONE METHOD.**

***THE WHO INDICATED THEY WERE "SWITCHING" METHODS REMAINED MISSING, THE 4 DUAL USERS GET CODED AS CONSISTENT.**

if hormonal=7 and howdual=1 missed=0.

***ONE IUD AND ONE IMPLANT USER REPORTED MISSED PILL AND IUD *AND* CONDOMS AND SWITCHING BETWEEN METHODS. SHE GETS CODED TO CONSISTENT.**

if (iud=1 or implant=1) and missed=1 missed=0.

***ALT MEASURE OF MISSED THAT COUNTS THOSE WHO ONLY MISSED ONE PILL AS CONSISTENT USERS. ALSO MORE LENIENT WITH**

***PATCH AND RING USERS.**

compute missedb=missed.

if misspill=1 missedb=0.

if patchon=2 missedb=0.

if rington=3 missedb=0.

if hormonal=8 missed=9.

if hormonal=8 missedb=9.

missing values missed missedb (-1, 9).

variable labels missed "Q23C RECODE. Whether R was imperfect user of hormonal method".
variable labels missedb "Q23C RECODE. R was imperfect user of hormonal method, lenient version".

value labels missed missedb 0'no' 1'yes' -1'skipped/missing' 9'not a user'.

***COMBINING INFO FROM BARRIER AND HORMONAL CONSISTENCY MEASURES.**

compute consistent=-1.

if missed=0 consistent=1.

if missed=1 consistent=0.

if freqbar=1 consistent=1.

if consistent=-1 and freqbar =2 consistent=.5.

if consistent=-1 and freqbar gt 2 consistent=0.

***WOMEN WITH TWO PARTNERS.**

do if nsexp gt 1 and hormonal =8.

if freqbar=1 and freqbarb=1 consistent=1.

if freqbarb gt 1 consistent=0.

end if.

do if nsexp gt 1 and missed=1.

if freqbar=1 and freqbarb=1 consistent=1.

if freqbarb gt 1 consistent=0.

end if.

if consistent=-1 and sexmo=2 consistent=9.

****ALT MEASURE OF PROTECTION AGAINST UNINTEDED PREGNANCY.**

compute protect=-1.

if missedb=0 protect=1.

if missedb=1 protect=0.

if freqbar=1 or freqbar=2 protect=1.

if protect=-1 and freqbar gt 2 protect=0.

***WOMEN WITH TWO PARTNERS.**

do if nsexp gt 1 and hormonal =8.

if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.

if freqbarb gt 1 protect=0.

end if.

do if nsexp gt 1 and missedb=1.

if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.

if freqbarb gt 1 protect=0.

end if.

if protect=-1 and sexmo=2 protect=9.

execute.

***WOMEN WHO MISSED HORMONAL METHOD AND USED A BARRIER.**

do if hormonal=1 and protect=0 and varz gt 0.

if misspill lt 5 protect=1.

end if.

```
do if hormonal=7 and protect=0 and varz gt 0.  
compute protect=1.  
end if.
```

VARIABLE labels consistent "Qs 23C & 26A RECODE. Perfect user of hormonal and barrier methods in last 30 days"

```
protect "Qs 23C & 26A RECODE. Protected against pregnancy in the last 30 days".  
value labels consistent protect 1'yes' .5'could be im/perfect' 0'no' -1'missing' 9'no sex and no  
method in last 30 days'.  
missing values consistent protect (-1).
```

*(FIRST) PARTNERS SATISFACTION WITH BARRIER METHOD.

```
missing values psat1 to psat5 (-1).  
recode psat1 to psat5 (sysmis=0).  
recode psat1 to psat5 (5=100).  
compute psatis=-1.  
do if nsexp=1 and var10=1.  
compute psatis=sum(psat1 to psat5).  
end if.
```

*1 P, 2 METHODS.

```
do if nsexp=1 and var10=2.  
do if psat1 ne 100 and psat2 ne 100 and psat3 ne 100 and psat4 ne 100 and psat5 ne 100.  
compute psatis=rnd(sum(psat1 to psat5)/2).  
end if.  
do if psat1 =100 or psat2 =100 or psat3 =100 or psat4 =100 or psat5 =100.  
compute psatis=rnd((sum(psat1 to psat5)-100)).  
end if.  
end if.
```

*1 P, 3 METHODS.

```
do if nsexp=1 and var10=3.  
do if psat1 ne 100 and psat2 ne 100 and psat3 ne 100 and psat4 ne 100 and psat5 ne 100.  
compute psatis=rnd(sum(psat1 to psat5)/3).  
end if.  
do if psat1 =100 or psat2 =100 or psat3 =100 or psat4 =100 or psat5 =100.  
compute psatis=rnd((sum(psat1 to psat5)-100)/2).  
end if.  
do if psatis gt 5.  
compute psatis=rnd((sum(psat1 to psat5)-200)).  
end if.  
end if.
```

*1 P, 4 METHODS.

```
temp.  
select if nsexp=1 and var10=4.
```

```
list vars caseid psat1 to psat5.  
if nsexp=1 and var10=4 psatis=2.
```

```
recode psatis (0=-1) (100=5) (else=copy).  
if var10=0 psatis=9.  
missing values psatis (-1, 9).  
variable labels psatis 'Q26A RECODE. Partners satisfaction with barrier methods'.  
value labels psatis 1'very satisfied' 2'somewhat satified' 3'somewhat dissatisfied' 4'very  
dissatisfied' 5'dk' 9'did not use barrier method' -1'missing'.
```

*(SECOND) PARTNERS SATISFACTION WITH BARRIER METHOD.

```
recode psatb1 to psatb5 (sysmis=0).  
recode psatb1 to psatb5 (5=100).  
compute psatisb=-1.  
do if var12=1.  
compute psatisb=sum(psatb1 to psatb5).  
end if.
```

*2 METHODS WITH SECOND P.

```
do if var12=2.  
compute psatisb=rnd(sum(psatb1 to psatb5)/2).  
end if.  
if var12=2 and psatb1=100 and psatb3=1 psatisb=1.
```

```
recode psatisb (100=5) (else=copy).  
if var12=0 psatisb=9.  
missing values psatisb (-1, 9).  
variable labels psatisb 'Q26A RECODE. SECOND partners satisfaction with barrier methods'.  
value labels psatisb 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very  
dissatisfied' 5'dk' 9'no barrier or only 1 P' -1'missing'.
```

*Rs SATISFACTION WITH BARRIER METHODS.

```
missing values rsat1 to rsat5 (-1).  
count var16=withdrawr to spermr (1).  
recode rsat1 to rsat5 (sysmis=0).  
compute rsatis=-1.  
do if var16=1.  
compute rsatis=sum(rsat1 to rsat5).  
end if.
```

*1 P, 2 METHODS.

```
do if var16=2.  
compute rsatis=rnd(sum(rsat1 to rsat5)/2).  
end if.
```

*1 P, 3 METHODS.

```
do if var16=3.
compute rsatis=rnd(sum(rsat1 to rsat5)/3).
end if.
```

```
*1 P, 4 METHODS.
do if var16=4.
compute rsatis=rnd(sum(rsat1 to rsat5)/4).
end if.
```

```
recode rsatis (0=-1) (else=copy).
if var16=0 rsatis=9.
missing values rsatis (-1, 9).
variable labels rsatis 'Q27 RECODE. Rs satisfaction with barrier methods'.
value labels rsatis 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
dissatisfied' 9'did not use barrier method' -1'missing'.
```

```
*PRONATALIST ATTITUDES.
count pronatalist=fulfill to love (1).
count antikid=fulfill to love (4 5).
*ONLY 89 INDICATED STRONG DISAGREEMENT WITH ALL 3 STATEMENTS.
recode pronatalist antikid (3=1) (else=0).
variable labels pronatalist "Q21 RECODE. R strongly agrees with all 3 items about the benefits
of parenting and children"
      /antikid "Q21 RECODE. R disagrees with all 3 items about the benefits of parenting and
children".
```

```
*REASONS FOR USE OF HORMONAL METHODS.
count nreasons=prevent to otrobc (1).
recode nreasons (3 thru highest=3) (else=copy).
compute onlyprev1=prevent.
if nreasons gt 1 onlyprev1=0.
variable labels nreasons "Q 23B. N of reasons for using hormonal method"
      onlyprev1 "Q23B. Only use hormonal methods for pregnancy prevention".
value labels nreasons 3'3 or more'.
```

```
compute paycp=-1.
if pay4bc=0 or pay4pat=0 or pay4ring=0 or pay4depo=0 or pay4impl=0 or pay4iud=0 paycp=1.
```

```
if pay4bc gt 0 and pay4bc le 10 paycp=2.
if pay4pat gt 0 and pay4pat le 10 paycp=2.
if pay4ring gt 0 and pay4ring le 10 paycp=2.
if pay4depo gt 0 and pay4depo le 10 paycp=2.
if pay4impl gt 0 and pay4impl le 10 paycp=2.
if pay4iud gt 0 and pay4iud le 10 paycp=2.
```

```
if pay4bc gt 10 and pay4bc le 25 paycp=3.
```



```
if pay4pat gt 10 and pay4pat le 25 paycp=3.
if pay4ring gt 10 and pay4ring le 25 paycp=3.
if pay4depo gt 10 and pay4depo le 25 paycp=3.
if pay4impl gt 10 and pay4impl le 25 paycp=3.
if pay4iud gt 10 and pay4iud le 25 paycp=3.
freq var paycp.
```

```
if pay4bc gt 25 or pay4pat gt 25 or pay4ring gt 25 or pay4depo gt 25 or pay4impl gt 25 or
pay4iud gt 25 paycp=4.
```

```
variable labels paycp "Q23E RECODE. How much pay for hormonal method each month".
value labels paycp 1'nothing' 2'$10 or less' 3'$11-$25' 4'>$25' 9'does not use hormonal methods' -
1'no info on hormonal or cost'.
if hormonal=8 paycp=9.
missing values paycp (-1, 9).
```

```
compute constat=-1.
if patch=1 constat=4.
if ring=1 constat=4.
if pill=1 constat=2.
if depo=1 constat=3.
if implant=1 constat=1.
if iud=1 constat=1.
do if constat=-1.
if sexmo=1 constat=8.
if current=1 constat=97.
if nfpr=1 constat=7.
if spermr=1 constat=7.
if withdrawr=1 constat=6.
if condomr=1 constat=5.
if sexmo=2 constat=98.
end if.
if intend=1 constat=99.
execute.
value labels constat 1'LARC' 2'pill' 3'depo' 4'patch or ring' 5'condoms' 6'withdrawal' 7'other
barrier' 8'no method' 97'postpartum' 98'no sex in last 30 days' 99'trying to get pregnant'.
missing values constat (-1).
```

```
count var99=withdrawr to spermr (1).
```

```
compute cpuse=-1.
if sexmo=2 cpuse=9.
if hormonal lt 8 and var99=0 cpuse=1.
if hormonal=8 and var99 =1 cpuse=2.
if hormonal=8 and var99 gt 1 cpuse=3.
```

```
if hormonal lt 8 and var99 ge 1 cpuse=4.
temp.
select if cpuse=-1.
if cpuse=-1 and hormonal =8 and var99=0 cpuse=0.
execute.
```

missing values cpuse (-1, 9) .
 value labels cpuse 1'hormonal only' 2'1 barrier' 3'multiple barrier only' 4'both hormonal and barrier' 0'did not use' 9'no sex in last 30 (& no hormonal used)l'.
 variable labels cpuse 'methods used n last 30 days, includes those not had sex'.

```
recode consistent (.5=1) (else=copy).
```

```
compute psatwith=-1.
if psat1=1 or psatb1=1 psatwith=1.
if psat1=2 or psatb1=2 psatwith=2.
if psat1=3 or psatb1=3 psatwith=3.
if psat1=4 or psatb1=4 psatwith=4.
if psat1=100 or psatb1=100 psatwith=5.
```

```
compute psatcond=-1.
if psat3=1 or psatb3=1 psatcond=1.
if psat3=2 or psatb3=2 psatcond=2.
if psat3=3 or psatb3=3 psatcond=3.
if psat3=4 or psatb3=4 psatcond=4.
if psat3=100 or psatb3=100 psatcond=5.
```

```
compute rsatwith=-1.
if rsat1=1 rsatwith=1.
if rsat1=2 rsatwith=2.
if rsat1=3 rsatwith=3.
if rsat1=4 rsatwith=4.
if rsat1=100 rsatwith=5.
```

```
compute rsatcond=-1.
if rsat3=1 rsatcond=1.
if rsat3=2 rsatcond=2.
if rsat3=3 rsatcond=3.
if rsat3=4 rsatcond=4.
if rsat3=100 rsatcond=5.
```

```
variable labels psatwith "Ps satisfaction with withdrawal"
                /psatcond "Ps satisfaction with condoms"
                /rsatwith "Rs satisfaction with withdrawal"
                /rsatcond "Rs satisfaction with condoms".
```

value labels psatwith psatcond rsatwith rsatcond 1'very satisfied' 2'somewhat satisfied'
3'somewhat dissatisfied' 4'very dissatisfied' 5'dk'.

missing values psatwith psatcond rsatwith rsatcond (-1) rsat1 to rsat5 (-1, 0).

missing value bornus (-1).

recode raceth (5=3) (else=copy).

recode age (18 thru 24=1) (25 thru 29=2) (30 thru 34=3) (35 thru 39=4) into agecat.

value labels agecat 1'18-24' 2'25-29' 3'30-34' 4'35-39'.

variable labels agecat "Rs age at baseline".

***CONSISTENCY AND PROTECT IN LAST SIX MONTHS.**

compute consistentb=consistent.

do if consistentb=1.

if use6mos1=2 and wantpg=2 consistentb=0.

end if.

if (hormonal=5 or hormonal=6) and timeuse gt 6 consistentb=1.

variable labels consistentb "RECODE Q35 + CONSISTENT, measures whether R used method
in each of last six months".

value labels consistentb 0'inconsistent user' .5'inconsistent but trying to get pg' 1'consistent
user".

compute protectb=protect.

***BELOW ALLOWS WOMEN NOT USING CAUSE PREGNANT OR TRYING TO BE
"PROTECTED" (FROM UNINTENDED PREGNANCY).**

do if protectb=1.

if use6mos1=2 protectb=0.

if use6mos1=2 and wantpg=1 protectb=2.

end if.

if (hormonal=5 or hormonal=6) and timeuse gt 6 protectb=1.

variable labels protectb "RECODE Q35 + PROTECT, measures whether R was protected in each
of last six months".

value labels protectb 0"no" 1"yes" 2"unprotected but trying to get pg" 9"no sex and no method in
last 30 days".

do if const=97.

recode protect protectb consistent (0=-1).

end if.

do if const=8 and missing(protect) and not missing(intend).

compute protect=0.

end if.

```
temp.
select if nprobs=0.
```

Wave 2

*UNION STATUS.

```
compute union=q1.
recode union (6=5) (else=copy).
value labels union 1'married' 2'cohabiting' 3'separated from spouse' 4'never married' 5'prev
married'.
missing values union (-1).
if missing(union) and pparit=1 union=1.
if missing(union) and pparit=5 union=4.
if missing(union) and pparit=6 union=2.
variable labels union "Q1 RECODE. Rs union status".
```

```
compute unionb=union.
do if union=3.
if q1b=1 unionb=1.
if q1b=2 unionb=5.
end if.
recode unionb (3 =5) (else=copy).
if unionb ge 3 and q2=1 unionb=3.
variable labels unionb "Q1 and 2 RECODE. Rs union status".
value labels unionb 1'married' 2'cohabiting' 3'dating' 4'never married' 5'prev married'.
```

*COLLAPSING 4 VARS INTO 2.

```
do if missing (q3b_d1) and not missing (q3b_e1).
compute q3b_d1=q3b_e1.
compute q3b_d2=q3b_e2.
end if.
```

```
compute pgender=-1.
if q3b_a=2 or q3b_b=2 or q3b_c=2 or q3b_d1=2 pgender=2.
if q3b_a=1 or q3b_b=1 or q3b_c=1 or q3b_d1=1 pgender=1.
value labels pgender 1'male' 2'female'.
variable labels pgender "Q3b RECODE. Ps gender".
missing values pgender (-1).
```

*BEEN IN REL FOR 6 MONTHS OR LONGER?.

```
count var4=q4_a to q4_e2 (1 2 3 4).
freq var var4.
```

```
do if missing (q4_d1) and not missing (q4_e1).
compute q4_d1=q4_e1.
compute q4_d2=q4_e2.
```

end if.

```
compute nobreak2=-1.
if q4_a=1 or q4_b=1 or q4_c=1 or q4_d1=1 nobreak2=1.
if q4_a=2 or q4_b=2 or q4_c=2 or q4_d1=2 nobreak2=2.
if q4_a=3 or q4_b=3 or q4_c=3 or q4_d1=3 nobreak2=3.
if q4_a=4 or q4_b=4 or q4_c=4 or q4_d1=4 nobreak2=4.
variable labels nobreak2 "Q4 RECODE. Been together for 6 months or longer".
value labels nobreak2 1'yes' 2'broken up but back together' 3'no' 4'unsure' 9'not in relationship'.
missing values nobreak2 (-1).
```

*PREGNANCIES SINCE BASELINE.

```
compute pwants=-1.
if q19_a=1 or q19_b=1 or q19_c=1 or q19_d1=1 or q19_e1=1 pwants=1.
if q19_a=2 or q19_b=2 or q19_c=2 or q19_d1=2 or q19_e1=2 pwants=2.
if q19_a=3 or q19_b=3 or q19_c=3 or q19_d1=3 or q19_e1=3 pwants=3.
if q19_a=4 or q19_b=4 or q19_c=4 or q19_d1=4 or q19_e1=4 pwants=4.
if q19_a=5 or q19_b=5 or q19_c=5 or q19_d1=5 or q19_e1=5 pwants=5.
value labels pwants 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.
missing values pwants (-1).
variable labels pwants "Q19 RECODE. P wants kids with R".
```

```
compute pavoid=-1.
if q20_a=1 or q20_b=1 or q20_c=1 or q20_d1=1 or q20_e1=1 pavoid=1.
if q20_a=2 or q20_b=2 or q20_c=2 or q20_d1=2 or q20_e1=2 pavoid=2.
if q20_a=3 or q20_b=3 or q20_c=3 or q20_d1=3 or q20_e1=3 pavoid=3.
if q20_a=4 or q20_b=4 or q20_c=4 or q20_d1=4 or q20_e1=4 pavoid=4.
if q20_a=5 or q20_b=5 or q20_c=5 or q20_d1=5 or q20_e1=5 pavoid=5.
if q20_a=6 or q20_b=6 or q20_c=6 or q20_d1=6 or q20_e1=6 pavoid=6.
value labels pavoid 1'not at all imp' 6'very important'.
missing values pavoid (-1).
variable labels pavoid "Q20 RECODE. How important to P to avoid preg now?".
```

*HORMONAL METHODS.

*****.

```
compute hormonal=-1.
if q23_1=1 hormonal=1.
if q23_2=1 hormonal=2.
if q23_3=1 hormonal=3.
if q23_4=1 hormonal=4.
if q23_5=1 hormonal=5.
if q23_6=1 hormonal=6.
if q23_7=1 hormonal=8.
if b2 gt 1 hormonal=7.
value labels hormonal 1'pill' 2'patch' 3'ring' 4'depo' 5'implant' 6'iud' 7'multiple methods' 8'none'.
```

variable label hormonal "hormonal method in last 30 days".
 recode hormonal (-1=8).
 variable labels hormonal "Q23 RECODE. hormonal method used by R in last 30 days".

*DOES P KNOW YOU'RE USING HORMONAL METHOD?.
 compute pknow2=-1.
 if q23f_1=1 or q23f_2=1 or q23f_3=1 or q23f_4=1 or q23f_5=1 or q23f_6=1 pknow2=1.
 if q23f_1=2 or q23f_2=2 or q23f_3=2 or q23f_4=2 or q23f_5=2 or q23f_6=2 pknow2=2.
 if q23f_1=3 or q23f_2=3 or q23f_3=3 or q23f_4=3 or q23f_5=3 or q23f_6=3 pknow2=3.
 value labels pknow2 1'yes' 2'no' 3'unsure' 9'not using hormonal'.
 if hormonal=8 pknow2=9.
 Missing values pknow2 (-1, 9).
 variable labels pknow2 "Q23F RECODE. does sex P know using hormonal method?".
 freq var pknow2.

*****.

*COITAL METHODS.

*****.

*BARRIER METHOD USED AT ALL WITH ANY P IN LAST 30 DAYS.

compute withdrawr=-1.
 if withdraw=0 or sp1wd=0 or sp2wd=0 withdrawr=0.
 if withdraw=1 or sp1wd=1 or sp2wd=1 withdrawr=1.
 if withdrawr=-1 and sexmo=1 withdrawr=0.
 execute.
 *ABOVE CONVERTS 9 SKIP=NONUSE.
 missing values withdrawr (-1).
 variable labels withdrawr "Q26 RECODE. R used withdrawal at all with any P in last 30 days".
 value labels withdrawr 1'yes' 0'no'.

compute snipr=-1.
 if vasectomy=0 or sp1vas=0 or sp2vas=0 snipr=0.
 if vasectomy=1 or sp1vas=1 or sp2vas=1 snipr=1.
 if snipr=-1 and sexmo=1 snipr=0.
 execute.
 missing values snipr (-1).
 variable labels snipr "Q26 RECODE. R used vasectomy at all with any P in last 30 days".
 value labels snipr 1'yes' 0'no'.

compute condomr=-1.
 if condom=0 or sp1cond=0 or sp2cond=0 condomr=0.
 if condom=1 or sp1cond=1 or sp2cond=1 condomr=1.
 if condomr=-1 and sexmo=1 condomr=0.
 execute.
 missing values condomr (-1).
 variable labels condomr "Q26 RECODE. R used condom at all with any P in last 30 days".
 value labels condomr 1'yes' 0'no'.

```
compute nfpr=-1.
if nfp=0 or sp1nfp=0 or sp2nfp=0 nfpr=0.
if nfp=1 or sp1nfp=1 or sp2nfp=1 nfpr=1.
if nfpr=-1 and sexmo=1 nfpr=0.
execute.
missing values nfpr (-1).
variable labels nfpr "Q26 RECODE. R used NFP at all with any P in last 30 days".
value labels nfpr 1'yes' 0'no'.
```

```
compute spermr=-1.
if sperm=0 or sp1sperm=0 or sp2sperm=0 spermr=0.
if sperm=1 or sp1sperm=1 or sp2sperm=1 spermr=1.
if spermr=-1 and sexmo=1 spermr=0.
execute.
missing values spermr (-1).
variable labels spermr "Q26 RECODE. R used other barrier method at all with any P in last 30 days".
value labels spermr 1'yes' 0'no'.
```

```
compute nobarr=-1.
if nobarrier=0 or sp1none=0 or sp2none=0 nobarr=0.
if nobarrier=1 or sp1none=1 or sp2none=1 nobarr=1.
execute.
missing values nobarr (-1).
variable labels nobarr "Q26 RECODE. R used NO barrier method at all with any P in last 30 days".
value labels nobarr 1'yes' 0'no'.
```

```
compute mogamy=-1.
if q6_a=1 or q6_b=1 or q6_c=1 or q6_d1=1 or q6_e1=1 mogamy=1.
if q6_a=2 or q6_b=2 or q6_c=2 or q6_d1=2 or q6_e1=2 mogamy=2.
if q6_a=3 or q6_b=3 or q6_c=3 or q6_d1=3 or q6_e1=3 mogamy=3.
if q6_a=4 or q6_b=4 or q6_c=4 or q6_d1=4 or q6_e1=4 mogamy=4.
if q6_a=5 or q6_b=5 or q6_c=5 or q6_d1=5 or q6_e1=5 mogamy=5.
if q6_a=6 or q6_b=6 or q6_c=6 or q6_d1=6 or q6_e1=6 mogamy=6.
value labels mogamy 1'not at all likely' 6'very likely'.
missing values mogamy (-1).
variable labels mogamy "Q6 RECODE. how likely P had other P".
```

```
compute commit=-1.
if q7_a=1 or q7_b=1 or q7_c=1 or q7_d1=1 or q7_e2=1 commit=1.
if q7_a=2 or q7_b=2 or q7_c=2 or q7_d1=2 or q7_e2=2 commit=2.
if q7_a=3 or q7_b=3 or q7_c=3 or q7_d1=3 or q7_e2=3 commit=3.
if q7_a=4 or q7_b=4 or q7_c=4 or q7_d1=4 or q7_e2=4 commit=4.
if q7_a=5 or q7_b=5 or q7_c=5 or q7_d1=5 or q7_e2=5 commit=5.
```

if q7_a=6 or q7_b=6 or q7_c=6 or q7_d1=6 or q7_e2=6 commit=6.
 value labels commit 1'not at all' 6'very committed'.
 missing values commit (-1).
 variable labels commit "Q7 RECODE. how committed is R to relationship".

compute happy=-1.
 if q8_a=1 or q8_b=1 or q8_c=1 or q8_d1=1 or q8_e1=1 happy=1.
 if q8_a=2 or q8_b=2 or q8_c=2 or q8_d1=2 or q8_e1=2 happy=2.
 if q8_a=3 or q8_b=3 or q8_c=3 or q8_d1=3 or q8_e1=3 happy=3.
 if q8_a=4 or q8_b=4 or q8_c=4 or q8_d1=4 or q8_e1=4 happy=4.
 if q8_a=5 or q8_b=5 or q8_c=5 or q8_d1=5 or q8_e1=5 happy=5.
 if q8_a=6 or q8_b=6 or q8_c=6 or q8_d1=6 or q8_e1=6 happy=6.
 value labels happy 1'not at all' 6'very happy'.
 missing values happy (-1).
 variable labels happy "Q8 RECODE. how happy is R with relationship".

compute sexsat=-1.
 if q9_a=1 or q9_b=1 or q9_c=1 or q9_d1=1 or q9_e1=1 sexsat=1.
 if q9_a=2 or q9_b=2 or q9_c=2 or q9_d1=2 or q9_e1=2 sexsat=2.
 if q9_a=3 or q9_b=3 or q9_c=3 or q9_d1=3 or q9_e1=3 sexsat=3.
 if q9_a=4 or q9_b=4 or q9_c=4 or q9_d1=4 or q9_e1=4 sexsat=4.
 if q9_a=5 or q9_b=5 or q9_c=5 or q9_d1=5 or q9_e1=5 sexsat=5.
 if q9_a=6 or q9_b=6 or q9_c=6 or q9_d1=6 or q9_e1=6 sexsat=6.
 if q9_a=7 or q9_b=7 or q9_c=7 or q9_d1=7 or q9_e1=7 sexsat=7.
 value labels sexsat 1'not at all' 6'very satisfied' 7'NA, no sex yet'.
 missing values sexsat (-1).
 variable labels sexsat "Q9 RECODE. how happy is R with sexual relationship".

compute argue=-1.
 if q10_a=1 or q10_b=1 or q10_c=1 or q10_d1=1 or q10_e1=1 argue=1.
 if q10_a=2 or q10_b=2 or q10_c=2 or q10_d1=2 or q10_e1=2 argue=2.
 if q10_a=3 or q10_b=3 or q10_c=3 or q10_d1=3 or q10_e1=3 argue=3.
 if q10_a=4 or q10_b=4 or q10_c=4 or q10_d1=4 or q10_e1=4 argue=4.
 if q10_a=5 or q10_b=5 or q10_c=5 or q10_d1=5 or q10_e1=5 argue=5.
 value labels argue 3'2-5' 4'6-10' 5'11 or more'.
 missing values argue (-1).
 variable labels argue "Q10 RECODE. N of serious arguments in last 30 days".
 value labels argue 1'0' 2'1' 3'2-5' 4'6-10' 5'11 or more'.

compute trypreg=-1.
 if q11_a_1=1 or q11_b_1=1 or q11_c_1=1 or q11_d1_1=1 or q11_e1_1=1 trypreg=1.
 if q11_a_1=2 or q11_b_1=2 or q11_c_1=2 or q11_d1_1=2 or q11_e1_1=2 trypreg=2.
 missing values trypreg (-1).
 value labels trypreg 1'yes' 2'no'.
 variable labels trypreg "Q11 RECODE. P tried to get R preg when not want to be in last 6 months?".


```
compute prevbc=-1.
if q11_a_2=1 or q11_b_2=1 or q11_c_2=1 or q11_d1_2=1 or q11_e1_2=1 prevbc=1.
if q11_a_2=2 or q11_b_2=2 or q11_c_2=2 or q11_d1_2=2 or q11_e1_2=2 prevbc=2.
missing values prevbc (-1).
value labels prevbc 1'yes' 2'no'.
variable labels prevbc "Q11 RECODE. P prevented R from using cp in last 6 months?".
```

```
compute failuse=-1.
if q11_a_3=1 or q11_b_3=1 or q11_c_3=1 or q11_d1_3=1 or q11_e1_3=1 failuse=1.
if q11_a_3=2 or q11_b_3=2 or q11_c_3=2 or q11_d1_3=2 or q11_e1_3=2 failuse=2.
missing values failuse (-1).
value labels failuse 1'yes' 2'no'.
variable labels failuse "Q11 RECODE. P not use condom or withdraw when said would in last 6 months?".
```

```
compute wantwp=-1.
if q13_a=1 or q13_b=1 or q13_c=1 or q13_d1=1 or q13_e1=1 wantwp=1.
if q13_a=2 or q13_b=2 or q13_c=2 or q13_d1=2 or q13_e1=2 wantwp=2.
if q13_a=3 or q13_b=3 or q13_c=3 or q13_d1=3 or q13_e1=3 wantwp=3.
if q13_a=4 or q13_b=4 or q13_c=4 or q13_d1=4 or q13_e1=4 wantwp=4.
if q13_a=5 or q13_b=5 or q13_c=5 or q13_d1=5 or q13_e1=5 wantwp=5.
value labels wantwp 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.
missing values wantwp (-1).
variable labels wantwp "Q13 RECODE. R wants kids with P".
```

```
compute prevent=-1.
if (q23b_pill_1=1 or q23b_patch_1=1) prevent=1.
if q23b_ring_1=1 prevent=1.
if q23b_depo_1=1 prevent=1.
if q23b_implant_1=1 prevent=1.
if q23b_iud_1=1 prevent=1.
if (q23b_pill_1=0 or q23b_depo_1=0 or q23b_implant_1=0 or q23b_iud_1=0) prevent=0.
if q23b_ring_1=0 prevent=0.
if q23b_patch_1=0 prevent=0.
if hormonal le 7 and prevent=-1 prevent=9.
value labels prevent 0'no' 1'yes' 9'no answer, code to 0?'.
variable labels prevent 'Q23b RECODE. use hormonal to prevent preg'.
missing values prevent (-1).
```

```
compute cramps=-1.
if (q23b_pill_2=1 or q23b_patch_2=1 or q23b_ring_2=1) cramps=1.
if q23b_depo_2=1 cramps=1.
if q23b_implant_2=1 cramps=1.
if q23b_iud_2=1 cramps=1.
```

```
if (q23b_pill_2=0 or q23b_patch_2=0 or q23b_ring_2=0 or q23b_depo_2=0 or
q23b_implant_2=0 or q23b_iud_2=0) cramps=0.
value labels cramps 0'no' 1'yes'.
variable labels cramps 'Q23b RECODE. use hormonal for cramps'.
if hormonal le 7 and prevent=-1 cramps=9.
missing values cramps (-1).
```

```
compute acne=-1.
if q23b_pill_3=1 or q23b_patch_3=1 or q23b_ring_3=1 acne=1.
if q23b_depo_3=1 acne=1.
if q23b_implant_3=1 acne=1.
if q23b_iud_3=1 acne=1.
if q23b_pill_3=0 or q23b_patch_3=0 or q23b_ring_3=0 or q23b_depo_3=0 or
q23b_implant_3=0 or q23b_iud_3=0 acne=0.
if hormonal le 7 and prevent=99 acne=9.
value labels acne 0'no' 1'yes'.
variable labels acne 'Q23b RECODE. use hormonal for acne'.
missing values acne (-1).
```

```
compute period=-1.
if q23b_pill_4=1 or q23b_patch_4=1 or q23b_ring_4=1 period=1.
if q23b_depo_4=1 period=1.
if q23b_implant_4=1 period=1.
if q23b_iud_4=1 period=1.
if q23b_pill_4=0 or q23b_patch_4=0 or q23b_ring_4=0 or q23b_depo_4=0 or
q23b_implant_4=0 or q23b_iud_4=0 period=0.
if hormonal le 7 and prevent=-1 period=9.
value labels period 0'no' 1'yes'.
variable labels period 'Q23b RECODE. use hormonal for period'.
missing values period (-1).
```

```
compute cysts=-1.
if q23b_pill_5=1 or q23b_patch_5=1 or q23b_ring_5=1 cysts=1.
if q23b_depo_5=1 cysts=1.
if q23b_implant_5=1 cysts=1.
if q23b_iud_5=1 cysts=1.
if q23b_pill_5=0 or q23b_patch_5=0 or q23b_ring_5=0 or q23b_depo_5=0 or
q23b_implant_5=0 or q23b_iud_5=0 cysts=0.
if hormonal le 7 and prevent=-1 cysts=9.
value labels cysts 0'no' 1'yes'.
variable labels cysts 'Q23b RECODE. use hormonal for cysts'.
missing values cysts (-1).
```

```
compute otrobc=-1.
if q23b_pill_6=1 or q23b_patch_6=1 or q23b_ring_6=1 otrobc=1.
if q23b_depo_6=1 otrobc=1.
```

```

if q23b_implant_6=1 otrobc=1.
if q23b_iud_6=1 otrobc=1.
if q23b_pill_6=0 or q23b_patch_6=0 or q23b_ring_6=0 or q23b_depo_6=0 or
q23b_implant_6=0 or q23b_iud_6=0 otrobc=0.
if hormonal le 7 and prevent=-1 otrobc=9.
value labels otrobc 0'no' 1'yes'.
variable labels otrobc 'Q23b RECODE. use hormonal for other reasons'.
missing values otrobc (-1).

```

```

compute satisbc=-1.
if (Q23D_pill=1 or Q23D_patch=1 or Q23D_ring=1 or Q23D_Depo=1 or Q23D_Implant=1 or
Q23D_IUD=1) satisbc=1.
if (Q23D_pill=2 or Q23D_patch=2 or Q23D_ring=2 or Q23D_Depo=2 or Q23D_Implant=2 or
Q23D_IUD=2) satisbc=2.
if (Q23D_pill=3 or Q23D_patch=3 or Q23D_ring=3 or Q23D_Depo=3 or Q23D_Implant=3 or
Q23D_IUD=3) satisbc=3.
if (Q23D_pill=4 or Q23D_patch=4 or Q23D_ring=4 or Q23D_Depo=4 or Q23D_Implant=4 or
Q23D_IUD=4) satisbc=4.
count g=q23d_pill to q23d_iud (1 2 3 4).
value labels satisbc 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
dissatisfied'.
variable label satisbc "Q23d RECODE. overall satisfaction with hormonal method".
missing values satisbc (-1).

```

```

compute idealbc=-1.
if q32=1 or q32a=1 idealbc=1.
if q32=2 or q32a=2 idealbc=2.
if q32=3 or q32a=3 idealbc=3.
missing values idealbc (-1).
value labels idealbc 1'yes' 2'no' 3'unsure'.
variable labels idealbc "Q32 RECODE. if cost not a barrier, desire other method?".

```

```

count womenhc=q41_a q41_b q41_c (1).
recode womenhc (1 thru 3=1) (0=0).
variable labels womenhc "Q41 RECODE. received any womens health care in last 6 months".
value label womenhc 0'no' 1'yes'.

```

*REASON FOR WITHDRAWAL USE.

```

compute pullouta=0.
if Q26i_YourPartner_1=1 or Q26i_SP1_1=1 or Q26i_SP2_1=1 pullouta=1.
compute pulloutb=0.
if Q26i_YourPartner_2=1 or Q26i_SP1_2=1 or Q26i_SP2_2=1 pulloutb=1.
compute pulloutc=0.
if Q26i_YourPartner_3=1 or Q26i_SP1_3=1 or Q26i_SP2_3=1 pulloutc=1.
variable labels pullouta "Q26i: Use withdrawal to prevent pregnancy"

```

```
/pulloutb "Q26i: Use withdrawal to prevent STI"
/pulloutc "Q26i: Use withdrawal for other reason".
```

***POVERTY.**

```
recode hhinc (1=4999) (2=6250) (3=8750) (4=11250) (5=13750) (6=17500) (7=22500)
(8=27500) (9=32500) (10=37500) (11=45000) (12=55000) (13=67500) (14=80000) (15=92500)
(16=112500) (17=137500) (18=162500) (19=176000) into rhhinc.
```

```
do if state ne 94 and state ne 95.
```

```
compute povrate= rnd((rhhinc/(11490+((hhsiz-1)*4020)))*100).
```

```
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
```

```
end if.
```

***AK.**

```
do if state = 94.
```

```
compute povrate= rnd((rhhinc/(14350+((hhsiz-1)*5030)))*100).
```

```
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
```

```
end if.
```

***HI.**

```
do if state = 95.
```

```
compute povrate= rnd((rhhinc/(13230+((hhsiz-1)*4620)))*100).
```

```
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
```

```
end if.
```

```
value labels povcat 1'lt 100%' 2'100-199%' 3'200%+'.
```

```
variable labels povcat " RECODE. Estimated poverty status based on HHINC and HHSIZE".
```

***EMPLOYMENT.**

```
recode empstat (1 2=1) (3 4=2) (5 6 7=3) into empstat2.
```

```
variable labels empstat2 " RECODE of empstat".
```

```
value labels empstat2 1'employed' 2'looking or temp layoff' 3'not working, incl disabled'.
```

***ANY VISITS FOR HEALTH CARE IN LAST 6 MONTHS?.**

```
count anyvisit=gynvisit to sickvis (1).
```

```
count missvis=gynvisit to sickvis (-1).
```

```
recode anyvisit (1 thru 5=1) (0=0).
```

```
variable labels anyvisit "Q41 RECODE. Make a visit for any of 5 reasons in last 6 months".
```

```
value labels anyvisit 1'yes' 0'no'.
```

```
missing values typedoc (-1).
```

```
missing values doctalk bcinfo (-1).
```

```
recode hourem (1 thru 19=1) (20 thru 34=2) (35 thru highest=3) (else=copy) into work2.
```

```
variable labels work2 "Q48 RECODE. Hours spent at work in prior week".
```

```
value labels work2 1'lt 20' 2'20-34' 3'35 or more'.
```

```
recode houred (1 thru highest=1) (else=copy) into inschool2.
```

variable label inschool2 "Q48 RECODE. Whether R was attending school last week".
value labels inschool2 0'no' 1'yes' -1'missing'.

count nprobs=death to money (1).

variable labels nprobs "Q51 RECODE. Total N of problems experienced in last 6 months".

missing values stillp dating ndating avoid to feelpg fulfill to love misspill to depowhn pay4bc to
nsexp xbarr2 howdual use6mos typeins sixins to sickvis nwithdraw to nsperm wantpg (-1).

recode houremphoured work2 inschool2 (-1=0) (else=copy).

add value labels houremphoured work2 0'includes 58 nonresponders'

/inschool2 houred 0'includes 188 nonresponders'.

recode patchon (1=0) (2=1) (3=2) (4=3).

value labels patchon 0'0' 1'1' 2'2' 3'3 or more'.

*BEEN IN REL SIX MONTHS OR LONGER?.

compute breakup2=nobreak2.

recode breakup2 (1 3 4=0) (2=1).

variables labels breakup2 "RECODE q4: Broke up and got back together with P from prior survey".

recode monthsa to Q5a_Weeks_E2 (sysmis=0) (-1=0).

compute

moweeks=monthsa+monthsb+monthsc+monthsd1+monthse1+Q5a_Months_A+Q5a_Months_B
+Q5a_Months_C+Q5a_Months_D1+Q5a_Months_E1.

compute moweeks=moweeks*4.33.

compute

weeks=weeksa+weeksb+weeksc+weeksd1+weekse1+Q5a_weeks_A+Q5a_weeks_B+Q5a_weeks_C+Q5a_weeks_D1+Q5a_weeks_E1.

compute months=(moweeks+weeks)/4.33.

variable labels months "RECODE Q5: How long been (back together) with current P".

compute months=rnd(months).

compute howlong2=-1.

if nobreak2=1 howlong2=6.

do if nobreak2 gt 1 and months gt 0.

compute howlong2=months.

end if.

recode howlong2 (6 thru highest=6) (else=copy).

missing values howlong2 (-1).

variable labels howlong2 "RECODE Q4 & Q5: How long been with P".

value labels howlong2 -1'not in rel, or missing data on relationship' 6'6 months or longer'.

*HOW HOW MANY OF LAST 6 MONTHS USED HORMONAL METHOD?.

compute timeuse=-1.

if (Q23A_pill=1 or Q23A_patch=1 or Q23A_ring=1 or Q23A_Depo=1 or Q23A_Implant=1 or Q23A_IUD=1) timeuse=0.

if Q23A_pill=2 or Q23A_patch=2 or Q23A_ring=2 or Q23A_Depo=2 or Q23A_Implant=2 or Q23A_IUD=2 timeuse=1.

if Q23A_pill=3 or Q23A_patch=3 or Q23A_ring=3 or Q23A_Depo=3 or Q23A_Implant=3 or Q23A_IUD=3 timeuse=2.

if Q23A_pill=4 or Q23A_patch=4 or Q23A_ring=4 or Q23A_Depo=4 or Q23A_Implant=4 or Q23A_IUD=4 timeuse=3.

if Q23A_pill=5 or Q23A_patch=5 or Q23A_ring=5 or Q23A_Depo=5 or Q23A_Implant=5 or Q23A_IUD=5 timeuse=4.

if Q23A_pill=6 or Q23A_patch=6 or Q23A_ring=6 or Q23A_Depo=6 or Q23A_Implant=6 or Q23A_IUD=6 timeuse=5.

if Q23A_pill=7 or Q23A_patch=7 or Q23A_ring=7 or Q23A_Depo=7 or Q23A_Implant=7 or Q23A_IUD=7 timeuse=6.

if hormonal=8 or missing(hormonal) timeuse=99.

missing values timeuse (-1, 99).

value labels timeuse -1'missing' 99'not a user' 6'6 or more months'.

variable labels timeuse "RECODE Q23A: How many of last 6 months used hormonal method?".

*DIS/AGREEMENT ABOUT WANTING KIDS AND AVOIDING PREGNANCY.

compute rpwant=-1.

if wantwp=pwants rpwant=1.

if wantwp ne pwants rpwant=0.

if wantwp=(pwants +1) or wantwp=(pwants -1) rpwant=1.

if wantwp=5 and pwants ne 5 rpwant=3.

if wantwp ne 5 and pwants =5 rpwant=3.

compute rpavoid=-1.

if avoid=pavoid rpavoid=1.

if avoid ne pavoid rpavoid=0.

if avoid=(pavoid+1) OR avoid=(pavoid-1) rpavoid=1.

missing values rpwant rpavoid (-1).

value labels rpwant rpavoid 0'disagree' 1'more or less agree' 3'unsure about one but not both'.

variable labels rpwant "Qs13 & 19 RECODE. R&P dis/agree about wanting kids"

/rpavoid "Qs 16 & 20 RECODE. R&P dis/agree about avoiding pregnancy".

*****.

*CONTRACEPTIVE CONSISTENCY ITEMS.

*****.

*REVISED BASED ON T4 DATA (INCL WRITE IN RESP).

recode tubal2 (1=0).

if caseid=2141 or caseid=1190 or caseid=2128 or caseid=2491 or caseid=2774 or caseid=4707 or caseid=5898 or caseid=5995 or caseid=471 or caseid=1816 or caseid=2953 or caseid=4559 or caseid=5528 or caseid=1813 or caseid=4354 or caseid=2987 tubal2=1.

add value labels tubal2 0'likely not tubal'.

*AMONG WOMEN WITH ONE PARTNER AND ONE BARRIER METHOD.

count var10=withdraw vasectomy condom to sperm (1).

variable labels var10 "N of barrier methods used with 1st P among women with 1 P".

compute freqbar=-1.

*FOR WOMEN WHO ONLY USED 1 METHOD.

do if var10=1.

if withdraw=1 and nwithdraw=1 freqbar=1.

if withdraw=1 and nwithdraw gt 1 freqbar=3.

if condom=1 and ncondoms=1 freqbar=1.

if condom=1 and ncondoms gt 1 freqbar=3.

if nfp=1 and nnfp=1 freqbar=1.

if nfp=1 and nnfp gt 1 freqbar=3.

if sperm=1 and nsperm=1 freqbar=1.

if sperm=1 and nsperm gt 1 freqbar=3.

end if.

variable labels freqbar "Q26A RECODE Frequency of barrier method use with first/only P in last 30 days".

value labels freqbar 1'every time' 2'not sure' 3'not every time' 5'did not use a barrier method' 9'no sex in last 30 days' -1'missing info on method or sex'.

*FOR WOMEN WHO USED TWO METHODS.

*USED AT LEAST ONE METHOD EVERY TIME.

do if var10=2.

if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 or vasectomy=1 freqbar=1.

end if.

do if var10=2 and freqbar=-1 and condom=1 and withdraw=1.

if ncondoms=2 and nwithdraw=2 and howdual gt 1 freqbar=2.

if ncondoms=2 and nwithdraw=2 and howdual =1 freqbar=3.

if ncondoms=2 and nwithdraw=3 and howdual =2 freqbar=2.

if ncondoms=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.

if ncondoms=3 and nwithdraw=2 and howdual = 2 freqbar=2.

if ncondoms=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.

if ncondoms=3 and nwithdraw=4 freqbar=3.

if ncondoms=4 and nwithdraw=3 freqbar=3.

if ncondoms=4 and nwithdraw=4 freqbar=3.

if ncondoms=2 and nwithdraw=5 freqbar=3.

if ncondoms=5 and nwithdraw=2 freqbar=3.

if ncondoms=3 and nwithdraw=3 and howdual=2 freqbar=2.

```

if ncondoms=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nwithdraw=2 and howdual=2 freqbar=2.
if ncondoms=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=2 and nwithdraw=4 and howdual=2 freqbar=2.
if ncondoms=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=5 or nwithdraw=5 freqbar=3.
end if.
execute.

```

```

do if var10=2 and freqbar=-1 and nfp=1 and withdraw=1.
if nnfp=2 and nwithdraw=2 and howdual gt 1 freqbar=2.
if nnfp=2 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=3 and howdual =2 freqbar=2.
if nnfp=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=2 and howdual =2 freqbar=2.
if nnfp=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=4 freqbar=3.
if nnfp=4 and nwithdraw=3 freqbar=3.
if nnfp=4 and nwithdraw=4 freqbar=3.
if nnfp=2 and nwithdraw=5 freqbar=3.
if nnfp=5 and nwithdraw=2 freqbar=3.
if nnfp=3 and nwithdraw=3 and howdual=2 freqbar=2.
if nnfp=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=4 and nwithdraw=2 and howdual=2 freqbar=2.
if nnfp=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=4 and howdual=2 freqbar=2.
if nnfp=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=5 and nwithdraw=4 freqbar=3.
end if.

```

***USED CONDOMS AND NFP.**

```

do if var10=2 and freqbar=-1 and condom=1 and nfp=1.
if ncondoms=2 and nnfp=2 and howdual gt 1 freqbar=2.
if ncondoms=2 and nnfp=2 and howdual =1 freqbar=3.
if ncondoms=2 and nnfp=3 and howdual =2 freqbar=2.
if ncondoms=2 and nnfp=3 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=2 and howdual =2 freqbar=2.
if ncondoms=3 and nnfp=2 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=4 freqbar=3.
if ncondoms=4 and nnfp=3 freqbar=3.
if ncondoms=4 and nnfp=4 freqbar=3.
if ncondoms=2 and nnfp=5 freqbar=3.
if ncondoms=5 and nnfp=2 freqbar=3.
if ncondoms=3 and nnfp=3 and howdual=2 freqbar=2.
if ncondoms=3 and nnfp=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nnfp=2 and howdual=2 freqbar=2.

```



```
if ncondoms=4 and nnfp=2 and (howdual=1 or howdual=3) freqbar=3.  
if ncondoms=2 and nnfp=4 and howdual=2 freqbar=2.  
if ncondoms=2 and nnfp=4 and (howdual=1 or howdual=3) freqbar=3.  
end if.
```

```
*REMAINING 3 WERE ALL SPERMICIDE USERS.  
do if var10=2 AND freqbar=-1 and sperm=1.  
if howdual=1 freqbar=3.  
if nwithdraw=2 and nsperm=4 and howdual=2 freqbar=2.  
if nwithdraw=4 and nsperm=2 and howdual=2 freqbar=2.  
if nnfp=3 and nsperm=3 and howdual=2 freqbar=2.  
if nwithdraw=4 and nsperm=4 and howdual=2 freqbar=3.  
if ncondoms=3 and nsperm=4 and howdual=2 freqbar=3.  
end if.  
execute.
```

```
*REPORTED 3 METHODS.  
*USED AT LEAST ONE METHOD EVERY TIME.  
do if var10=3.  
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=2.  
end if.  
temp.  
select if var10=3 and freqbar=-1..  
list vars=nwithdraw to nsperm howdual.  
  
do if (var10=3 or var10=4) and freqbar=-1.  
compute freqbar =1.  
end if.  
execute.
```

```
if vasectomy=1 freqbar=1.
```

```
if freqbar=-1 and nobarrier=1 freqbar=5.  
execute.
```

```
*CHECK TO MAKE SURE ALL WITH DATA ON METHODS GOT CODED.  
temp.  
select if var10 gt 0 and freqbar=-1.  
list vars=vasectomy nwithdraw to nsperm.
```

```
***CONSISTENCY OF USE WITH FIRST P AMONG THOSE THAT REPORTED TWO.  
*FIRST P AMONG WOMEN WITH TWO PARTNER AND ONE BARRIER METHOD.  
count var11= splwd splcond to splsperm (1).
```

```
*FOR WOMEN WHO ONLY USED 1 METHOD (NONE REPORTED ONLY SPERMICIDE).  
do if var11=1.
```

```
if sp1wd=1 and nwithdraw=1 freqbar=1.  
if sp1wd=1 and nwithdraw gt 1 freqbar=3.  
if sp1cond=1 and ncondoms=1 freqbar=1.  
if sp1cond=1 and ncondoms gt 1 freqbar=3.  
if sp1nfp=1 and nnfp=1 freqbar=1.  
if sp1nfp=1 and nnfp gt 1 freqbar=3.  
end if.
```

****CODING THOSE WHO USED ONE AT LEAST EVERY TIME (N=6).**

```
do if var11=2.  
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=1.  
end if.
```

***FOR WOMEN WHO USED TWO METHODS (n=8) ALL USED WITHDRAWAL AND CONDOMS.**

```
do if var11=2 AND sp1wd=1 and freqbar=-1.  
compute freqbar=2.  
if nwithdraw=3 and ncondoms=4 freqbar=3.  
if howdual=1 freqbar=3.  
if nwithdraw=3 and ncondoms=3 and howdual=3 freqbar=3.  
end if.
```

```
if sp1vas=1 freqbar=1.
```

```
if freqbar=-1 and sp1none=1 freqbar=5.  
execute.
```

*****CONSISTENCY OF USE WITH SECOND P AMONG THOSE THAT REPORTED TWO.
*SECOND P AMONG 64 WOMEN WITH TWO PARTNER AND ONE BARRIER METHOD.
count var12= sp2wd to sp2sperm (1).**

```
compute freqbarb=-1.  
variable labels freqbarb "Q26A RECODE Frequency of barrier method use with SECOND P in  
last 30 days".  
value labels freqbarb 1'every time' 2'not sure' 3'not every time' 5'never, did not use barrier  
method'.
```

***FOR WOMEN WHO ONLY USED 1 METHOD .**

```
do if var12=1.  
if sp2wd=1 and nwithdrawr=1 freqbarb=1.  
if sp2wd=1 and nwithdrawr gt 1 freqbarb=3.  
if sp2cond=1 and ncondoms2=1 freqbarb=1.  
if sp2cond=1 and ncondoms2 gt 1 freqbarb=3.  
if sp2nfp=1 and nnfpr=1 freqbarb=1.  
if sp2nfp=1 and nnfpr gt 1 freqbarb=3.  
if sp2sperm=1 and nspermr=1 freqbarb=1.
```

```
if sp2sperm=1 and nspermr gt 1 freqbarb=3.  
end if.
```

```
*DUAL USERS USED AT LEAST ONE METHOD EVERY TIME THEY HAD SEX.  
do if var12=2.  
if nwithdrawr=1 or ncondoms2=1 or nnfpr=1 or nspermr=1 freqbarb=1.  
end if.
```

```
*FOR WOMEN WHO USED TWO METHODS.
```

```
temp.  
select if var12 ge 2 AND freqbarb=-1.  
list vars nwithdrawr to nspermr howdual.
```

```
do if var12=2 and freqbarb=-1 .  
if ncondoms2=2 and nwithdrawr=3 and (howdual =1 or howdual=3) freqbarb=3.  
if ncondoms2=3 and nwithdrawr=3 and howdual=2 freqbarb=2.  
if ncondoms2=3 and nwithdrawr=3 and (howdual=1 or howdual=3) freqbarb=1.  
end if.  
if var12=3 freqbarb=1.
```

```
if sp2vas=1 freqbarb=1.
```

```
if freqbarb=-1 and sp2none=1 freqbarb=5.
```

```
TEMPORARY.  
select if var12 gt 0.
```

```
if sexmo=2 freqbar=9.  
missing values freqbar freqbarb (-1, 9).  
recode freqbar (sysmis=-1).
```

```
count varz=withdrawr to spermr (1).
```

```
**MEASURING CONSISTENCY OF HORMONAL METHOD USE.
```

```
compute missed=-1.  
if pill=1 and misspill=0 missed=0.  
if patch=1 and patchon=0 missed=0.  
if ring=1 and (ringon=1 or ringon=4) missed=0.  
if depo=1 and (depowhn=1 or depowhn=3 or depowhn=4) missed=0.  
if iud=1 missed=0.  
if implant=1 missed=0.
```

```
if pill=1 and misspill ge 1 missed=1.  
if patch=1 and patchon ge 1 missed=1.  
if ring=1 and (ringon =2 or ringon=3) missed=1.  
if depo=1 and depowhn=2 missed=1.
```

```
temp.  
select if hormonal=7.  
list vars=pill to iud howdual varz missed.
```

*OF THE 14 WOMEN WHO REPORTED DUAL HORMONAL METHOD USE, 3
REPORTED IMPERFECT USE OF AT LEAST ONE METHOD.
if hormonal=7 and howdual=1 missed=0.

*ALT MEASURE OF MISSED THAT COUNTS THOSE WHO ONLY MISSED ONE PILL
AS CONSISTENT USERS. ALSO MORE LENIENT WITH

*PATCH AND RING USERS.

```
compute missedb=missed.
```

```
if misspill=1 missedb=0.
```

```
if patchon=2 missedb=0.
```

```
if ringon=3 missedb=0.
```

```
if hormonal=8 missed=9.
```

```
if hormonal=8 missedb=9.
```

```
missing values missed missedb (-1, 9).
```

```
variable labels missed "Q23C RECODE. Whether R was imperfect user of hormonal method".
```

```
variable labels missedb "Q23C RECODE. R was imperfect user of hormonal method, lenient  
version".
```

```
value labels missed missedb 0'no' 1'yes' -1'skipped/missing' 9'not a user'.
```

*COMBINING INFO FROM BARRIER AND HORMONAL CONSISTENCY MEASURES.

```
compute consistent=-1.
```

```
if missed=0 consistent=1.
```

```
if missed=1 consistent=0.
```

```
if freqbar=1 consistent=1.
```

```
if consistent=-1 and freqbar =2 consistent=.5.
```

```
if consistent=-1 and freqbar gt 2 consistent=0.
```

*WOMEN WITH TWO PARTNERS.

```
do if nsexp gt 1 and hormonal =8.
```

```
if freqbar=1 and freqbarb=1 consistent=1.
```

```
if freqbarb gt 1 consistent=0.
```

```
end if.
```

```
do if nsexp gt 1 and missed=1.
```

```
if freqbar=1 and freqbarb=1 consistent=1.
```

```
if freqbarb gt 1 consistent=0.
```

```
end if.
```

```
if tubal2=1 or vasectomy=1 consistent=1.
```

```
if consistent=-1 and sexmo=2 consistent=9.
```

****ALT MEASURE OF PROTECTION AGAINST UP.**

```
compute protect=-1.  
if missedb=0 protect=1.  
if missedb=1 protect=0.  
if freqbar=1 or freqbar=2 protect=1.  
if protect=-1 and freqbar gt 2 protect=0.
```

***WOMEN WITH TWO PARTNERS.**

```
do if nsexp gt 1 and hormonal=8.  
if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.  
if freqbarb gt 1 protect=0.  
end if.  
do if nsexp gt 1 and missedb=1.  
if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.  
if freqbarb gt 1 protect=0.  
end if.  
if tubal2=1 or vasectomy=1 protect=1.  
if protect=-1 and sexmo=2 protect=9.  
execute.
```

***WOMEN WHO MISSED HORMONAL METHOD AND USED A BARRIER.**

```
do if hormonal=1 and protect=0 and varz gt 0.  
if misspill lt 5 protect=1.  
end if.  
if tubal2=1 protect=1.
```

VARIABLE labels consistent "Qs 23C & 26A RECODE. Perfect user of hormonal and barrier methods in last 30 days"

protect "Qs 23C & 26A RECODE. Protected against pregnancy in the last 30 days".
value labels consistent protect 1'yes' .5'could be im/perfect' 0'no' -1'missing' 9'no sex in last 30 days'.
missing values consistent protect (-1).

recode consistent (.5=1) (else=copy).

***SATISFACTION IS IN DIFFERENT ORDER THIS TIME, STARTS WITH 1, ENDS WITH 2.**

***(FIRST) PARTNERS SATISFACTION WITH BARRIER METHOD.**

```
missing values psat1 to psat2 (-1).  
recode psat1 to psat2 (sysmis=0).  
recode psat1 to psat2.  
compute psatis=-1.  
do if nsexp=1 and var10=1.  
compute psatis=sum(psat1 to psat2).  
end if.
```

*1 P, 2 METHODS .

```
do if nsexp=1 and var10=2.
do if psat2 ne 100 and psat2 ne 100 and psat2 ne 100 and psat4 ne 100 and psat5 ne 100.
compute psatis=rnd(sum(psat1 to psat2)/2).
end if.
do if psat1 =100 or psat2 =100 or psat3 =100 or psat4 =100 or psat5 =100.
compute psatis=rnd((sum(psat1 to psat2)-100)).
end if.
end if.
```

*1 P, 3 METHODS .

```
do if nsexp=1 and var10=3.
do if psat1 ne 100 and psat2 ne 100 and psat3 ne 100 and psat4 ne 100 and psat5 ne 100.
compute psatis=rnd(sum(psat1 to psat2)/3).
end if.
do if psat1 =100 or psat2=100 or psat3=100 or psat4 =100 or psat5 =100.
compute psatis=rnd((sum(psat1 to psat2)-100)/2).
end if.
do if psatis gt 5.
compute psatis=rnd((sum(psat1 to psat2)-200)).
end if.
end if.
```

*1 P, 4 METHODS .

```
temp.
select if nsexp=1 and var10=4.
list vars caseid psat1 to psat2.
if nsexp=1 and var10=4 psatis=2.
```

```
recode psatis (0=-1) (100=5) (else=copy).
if var10=0 psatis=9.
missing values psatis (-1, 9).
variable labels psatis 'Q26A RECODE. Partners satisfaction with barrier methods'.
value labels psatis 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
dissatisfied' 5'dk' 9'did not use barrier method' -1'missing'.
```

*(SECOND) PARTNERS SATISFACTION WITH BARRIER METHOD.

```
recode psatb1 to psatb2 (sysmis=0).
recode psatb1 to psatb2 (5=100).
compute psatisb=-1.
do if var12=1.
compute psatisb=sum(psatb1 to psatb2).
end if.
```

*2 METHODS WITH SECOND P .

do if var12=2.

compute psatisb=rnd(sum(psata1 to psata2)/2).

end if.

if var12=2 and psata2=100 and psata2=1 psatisb=1.

recode psatisb (100=5) (else=copy).

if var12=0 psatisb=9.

missing values psatisb (-1, 9).

variable labels psatisb 'Q26A RECODE. SECOND partners satisfaction with barrier methods'.

value labels psatisb 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very

dissatisfied' 5'dk' 9'no barrier or only 1 P' -1'missing'.

*Rs SATISFACTION WITH BARRIER METHODs.

missing values rsat1 to rsat2 (-1).

count var16=withdrawr to spermr (1).

recode rsat1 to rsat2 (sysmis=0).

compute rsatis=-1.

do if var16=1.

compute rsatis=sum(rsat1 to rsat2).

end if.

*1 P, 2 METHODS.

do if var16=2.

compute rsatis=rnd(sum(rsat1 to rsat2)/2).

end if.

*1 P, 3 METHODS.

do if var16=3.

compute rsatis=rnd(sum(rsat1 to rsat2)/3).

end if.

*1 P, 4 METHODS.

do if var16=4.

compute rsatis=rnd(sum(rsat1 to rsat2)/4).

end if.

recode rsatis (0=-1) (else=copy).

if var16=0 rsatis=9.

missing values rsatis (-1, 9).

variable labels rsatis 'Q27 RECODE. Rs satisfaction with barrier methods'.

value labels rsatis 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very

dissatisfied' 9'did not use barrier method' -1'missing'.

*PRONATALIST ATTITUDES.

count pronatalist=fulfill to love (1).

count antikid=fulfill to love (4 5).
recode pronatalist antikid (3=1) (else=0).
variable labels pronatalist "Q21 RECODE. R strongly agrees with all 3 items about the benefits of parenting and children"
/antikid "Q21 RECODE. R disagrees with all 3 items about the benefits of parenting and children".

***REASONS FOR USE OF HORMONAL METHODS.**

count nreasons=prevent to otrobc (1).
recode nreasons (3 thru highest=3) (else=copy).
compute onlyprev2=prevent.
if nreasons gt 1 onlyprev2=0.
variable labels nreasons "Q 23B. N of reasons for using hormonal method"
onlyprev2 "Q23B. Only use hormonal methods for pregnancy prevention".
value labels nreasons 3'3 or more'.

***PAY FOR CP EACH MONTH.**

compute paycp=-1.
if pay4bc=0 or pay4pat=0 or pay4ring=0 or pay4depo=0 or pay4impl=0 or pay4iud=0 paycp=1.

if pay4bc gt 0 and pay4bc le 10 paycp=2.
if pay4pat gt 0 and pay4pat le 10 paycp=2.
if pay4ring gt 0 and pay4ring le 10 paycp=2.
if pay4depo gt 0 and pay4depo le 10 paycp=2.
if pay4impl gt 0 and pay4impl le 10 paycp=2.
if pay4iud gt 0 and pay4iud le 10 paycp=2.

if pay4bc gt 10 and pay4bc le 25 paycp=3.
if pay4pat gt 10 and pay4pat le 25 paycp=3.
if pay4ring gt 10 and pay4ring le 25 paycp=3.
if pay4depo gt 10 and pay4depo le 25 paycp=3.
if pay4impl gt 10 and pay4impl le 25 paycp=3.
if pay4iud gt 10 and pay4iud le 25 paycp=3.
freq var paycp.

if pay4bc gt 25 or pay4pat gt 25 or pay4ring gt 25 or pay4depo gt 25 or pay4impl gt 25 or pay4iud gt 25 paycp=4.

variable labels paycp "Q23E RECODE. How much pay for hormonal method each month".
value labels paycp 1'nothing' 2'\$10 or less' 3'\$11-\$25' 4'>\$25' 9'does not use hormonal methods' -
1'no info on hormonal or cost'.
if hormonal=8 paycp=9.
missing values paycp (-1, 9).

***POTENTIAL BREASTFEEDING.**

compute birth3mo=0.

if preg2=3 and (bornmo2=2 or bornmo2=3 or bornmo2=4 or bornmo2=5) birth3mo=1.

```
compute constat=-1.
if patch=1 constat=4.
if ring=1 constat=4.
if pill=1 constat=2.
if depo=1 constat=3.
if implant=1 constat=1.
if iud=1 constat=1.
if tubal2=1 or snipr=1 constat=0.
do if constat=-1.
if sexmo=1 constat=8.
if birth3mo=1 constat=97.
if nfpr=1 constat=7.
if spermr=1 constat=7.
if withdrawr=1 constat=6.
if condomr=1 constat=5.
if preg2=4 constat=97.
if sexmo=2 constat=98.
end if.
if intend=1 constat=99.
execute.
value labels constat 0'tubal or snip' 1'LARC' 2'pill' 3'depo' 4'patch or ring' 5'condoms'
6'withdrawal' 7'other barrier' 8'no method' 97'preg or postpartum' 98'no sex in last 30 days'
99'trying to get pregnant'.
missing values constat (-1).
```

count var99=withdrawr to spermr (1).

```
compute cpuse=-1.
if sexmo=2 cpuse=9.
if hormonal lt 8 and var99=0 cpuse=1.
if hormonal=8 and var99 =1 cpuse=2.
if hormonal=8 and var99 gt 1 cpuse=3.
if hormonal lt 8 and var99 ge 1 cpuse=4.
if snipr=1 or tubal2=1 cpuse=0.
temp.
select if cpuse=-1.
cross tabs=hormonal by var99.
if cpuse=-1 and hormonal =8 and var99=0 cpuse=5.
execute.
```

missing values cpuse (-1, 9) .
value labels cpuse 0'tubal or snip' 1'hormonal only' 2'1 barrier' 3'multiple barrier only' 4'both hormonal and barrier' 5'did not use' 9'no sex in last 30 (& no hormonal used)l'.

variable labels cpuse 'methods used n last 30 days, includes those not had sex'.

missing values everyt2 (-1).

rename vars (q1=marital2).

missing values preg2 marital2 (-1).

rename vars (CaseID=caseid).

recode otroins (""="NA").

missing values otroins ("NA").

***RECODING BASED ON OPEN-ENDED RESPONSES TO OTROINS**

if caseid=3473 or caseid=3226 or caseid=5898 or caseid=3303 or caseid=4046 or caseid=2126 or
caseid=3579 or caseid=2219 or caseid=3999 or caseid=2957 or caseid=2921 or caseid=2956 or
caseid=6770 or caseid=2154 or caseid=3203 or caseid=3420 or caseid=4786 or caseid=6825
typeins=1

if caseid=3131 or caseid=3817 or caseid=6136 or caseid=1121 or caseid=1259 typeins=2.

if caseid=1318 or caseid=1354 or caseid=6731 or caseid=2646 or caseid=434 or caseid=1698
typeins=4.

***IF WENT TO PRIVATE DOC AND USED INS OR PAID OOP FOR WHC, aLLOCATES.**

do if missing(typeins).

if typedoc=1 and inspaid=1 typeins=1.

if typedoc=1 and paidoop=1 typeins=1.

end if.

if missing(typeins) and (reducfee=1 or freecare=1) typeins=4.

***GAP IN INSURANCE IN THE LAST 6 MONTHS.**

compute gapins=-1.

if typeins=4 gapins=1.

if typeins lt 4 gapins=0.

if gapins=0 and sixins=2 gapins=1.

missing values gapins(-1).

variable labels gapins "Q39 RECODE, did R have any gaps in insurance in last six months".

value labels gapins 1'yes' 0'no'.

***UNINSURED ALL OF LAST SIX MONTHS.**

compute unins=-1.

if typeins lt 4 unins=0.

if typeins =4 unins=1.

if anyins2=1 unins=0.

variable labels unins "Qs 38 and 39 RECODE. Whether R was WITHOUT health insurance all
of the last 6 mos".

value labels unsins 1'yes' 0'no' -1'ins type missing' 98'missing info on last 6 mos'.
missing values unsins (-1).

```
compute psatwith=-1.  
if psat1=1 or psatb1=1 psatwith=1.  
if psat1=2 or psatb1=2 psatwith=2.  
if psat1=3 or psatb1=3 psatwith=3.  
if psat1=4 or psatb1=4 psatwith=4.  
if psat1=100 or psatb1=100 psatwith=5.
```

```
compute psatcond=-1.  
if psat3=1 or psatb3=1 psatcond=1.  
if psat3=2 or psatb3=2 psatcond=2.  
if psat3=3 or psatb3=3 psatcond=3.  
if psat3=4 or psatb3=4 psatcond=4.  
if psat3=100 or psatb3=100 psatcond=5.
```

```
compute rsatwith=-1.  
if rsat1=1 rsatwith=1.  
if rsat1=2 rsatwith=2.  
if rsat1=3 rsatwith=3.  
if rsat1=4 rsatwith=4.  
if rsat1=100 rsatwith=5.
```

```
compute rsatcond=-1.  
if rsat3=1 rsatcond=1.  
if rsat3=2 rsatcond=2.  
if rsat3=3 rsatcond=3.  
if rsat3=4 rsatcond=4.  
if rsat3=100 rsatcond=5.
```

```
variable labels psatwith "Ps satisfaction with withdrawal"  
                /psatcond "Ps satisfaction with condoms"  
                /rsatwith "Rs satisfaction with withdrawal"  
                /rsatcond "Rs satisfaction with condoms".
```

value labels psatwith psatcond rsatwith rsatcond 1'very satisfied' 2'somewhat satisfied'
3'somewhat dissatisfied' 4'very dissatisfied' 5'dk'.
missing values psatwith psatcond rsatwith rsatcond (-1) rsat1 to rsat5 (-1, 0).

```
*NEEDS TO BE ADDED TO ORIGINAL PROGRAM FILE FOR T2.  
do if preg2=4.  
compute intend=5.  
end if.  
add value labels intend 5'currently pregnant'.
```

*PROTECT IN LAST SIX MONTHS.

compute protectb=protect.

*BELOW ALLOWS WOMEN NOT USING CAUSE PREGNANT OR TRYING TO BE "PROTECTED" (FROM UNINTENDED PREGNANCY).

do if protectb=1.

if use6mos=2 protectb=0.

if use6mos=2 and wantpg=1 protectb=2.

end if.

if (hormonal=5 or hormonal=6) and timeuse ge 6 protectb=1.

variable labels protectb "RECODE Q35 + PROTECT, measures whether R was protected in each of last six months".

value labels protectb 0"no" 1"yes" 2"unprotected but trying to get pg" 9"no sex and no method in last 30 days".

*PREG and POSTPARTUM WOMEN CODED TO "MISSING" ON PROTECT.

do if constat=97.

recode protect protectb consistent (0=-1).

end if.

do if constat=8 and missing(protect) and not missing(intend).

compute protect=0.

end if.

***CASE RECODED BASED ON INFORMATION FROM OTHER VARS**

do if caseid=5995.

recode intend (1=3).

end if.

Wave 3

*UNION STATUS.

compute union=q1.

recode union (6=5) (else=copy).

value labels union 1'married' 2'cohabiting' 3'separated from spouse' 4'never married' 5'prev married'.

missing values union (-1).

if missing(union) and ppmarit=1 union=1.

if missing(union) and ppmarit=5 union=4.

if missing(union) and ppmarit=6 union=2.

variable labels union "Q1 RECODE. Rs union status".

```
compute unionb=union.
do if union=3.
if q1b=1 unionb=1.
if q1b=2 unionb=5.
end if.
recode unionb (3 =5) (else=copy).
if unionb ge 3 and q2=1 unionb=3.
variable labels unionb "Q1 and 2 RECODE. Rs union status".
value labels unionb 1'married' 2'cohabiting' 3'dating' 4'never married' 5'prev married'.
recode union unionb (-1, sysmis=5).
```

```
*COLLAPSING 4 INTIMATE PARTNER VARS INTO 2.
do if missing (q3b_d1) and not missing (q3b_e1).
compute q3b_d1=q3b_e1.
compute q3b_d2=q3b_e2.
end if.
```

```
compute pgender=-1.
if q3b_a=2 or q3b_b=2 or q3b_c=2 or q3b_d1=2 pgender=2.
if q3b_a=1 or q3b_b=1 or q3b_c=1 or q3b_d1=1 pgender=1.
value labels pgender 1'male' 2'female'.
variable labels pgender "Q3b RECODE. Ps gender".
missing values pgender (-1).
```

```
*BEEN IN REL FOR 6 MONTHS OR LONGER?.
do if missing (q4_d1) and not missing (q4_e1).
compute q4_d1=q4_e1.
compute q4_d2=q4_e2.
end if.
```

```
compute nobreak3=-1.
if q4_a=1 or q4_b =1 or q4_c=1 or q4_d1=1 nobreak3=1.
if q4_a=2 or q4_b =2 or q4_c=2 or q4_d1=2 nobreak3=2.
if q4_a=3 or q4_b =3 or q4_c=3 or q4_d1=3 nobreak3=3.
if q4_a=4 or q4_b =4 or q4_c=4 or q4_d1=4 nobreak3=4.
variable labels nobreak3 "Q4 RECODE. Been together for 6 months or longer".
value labels nobreak3 1'yes' 2'broken up but back together' 3'no' 4'unsure' 9'not in relationship'.
missing values nobreak3 (-1).
```

```
*PREGNANCIES SINCE BASELINE.
missing values preg3 to fertint3 timingpg3 bcpreg3 bornmo3 avoid to feelpg (-1).
```

```
compute pwants=-1.
if q19_a=1 or q19_b=1 or q19_c=1 or q19_d1=1 or q19_e1=1 pwants=1.
if q19_a=2 or q19_b=2 or q19_c=2 or q19_d1=2 or q19_e1=2 pwants=2.
```

if q19_a=3 or q19_b=3 or q19_c=3 or q19_d1=3 or q19_e1=3 pwants=3.
 if q19_a=4 or q19_b=4 or q19_c=4 or q19_d1=4 or q19_e1=4 pwants=4.
 if q19_a=5 or q19_b=5 or q19_c=5 or q19_d1=5 or q19_e1=5 pwants=5.
 value labels pwants 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.
 missing values pwants (-1).
 variable labels pwants "Q19 RECODE. P wants kids with R".

compute pavoid=-1.
 if q20_a=1 or q20_b=1 or q20_c=1 or q20_d1=1 or q20_e1=1 pavoid=1.
 if q20_a=2 or q20_b=2 or q20_c=2 or q20_d1=2 or q20_e1=2 pavoid=2.
 if q20_a=3 or q20_b=3 or q20_c=3 or q20_d1=3 or q20_e1=3 pavoid=3.
 if q20_a=4 or q20_b=4 or q20_c=4 or q20_d1=4 or q20_e1=4 pavoid=4.
 if q20_a=5 or q20_b=5 or q20_c=5 or q20_d1=5 or q20_e1=5 pavoid=5.
 if q20_a=6 or q20_b=6 or q20_c=6 or q20_d1=6 or q20_e1=6 pavoid=6.
 value labels pavoid 1'not at all imp' 6'very important'.
 missing values pavoid (-1).
 variable labels pavoid "Q20 RECODE. How important to P to avoid preg now?".

*HORMONAL METHODS.

count b2=q23_1 to q23_6 (1).
 compute hormonal=-1.
 if q23_1=1 hormonal=1.
 if q23_2=1 hormonal=2.
 if q23_3=1 hormonal=3.
 if q23_4=1 hormonal=4.
 if q23_5=1 hormonal=5.
 if q23_6=1 hormonal=6.
 if q23_7=1 hormonal=8.
 if b2 gt 1 hormonal=7.
 value labels hormonal 1'pill' 2'patch' 3'ring' 4'depo' 5'implant' 6'iud' 7'multiple methods' 8'none'.
 variable label hormonal "hormonal method in last 30 days".
 recode hormonal (-1=8).
 variable labels hormonal "Q23 RECODE. hormonal method used by R in last 30 days".

*COITAL METHODS.

*BARRIER METHOD USED AT ALL WITH ANY P IN LAST 30 DAYS.

compute withdraw=-1.
 if withdraw=0 or sp1wd=0 or sp2wd=0 withdraw=0.
 if withdraw=1 or sp1wd=1 or sp2wd=1 withdraw=1.
 if withdraw=-1 and sexmo=1 withdraw=0.
 execute.
 missing values withdraw (-1).

variable labels withdrawr "Q26 RECODE. R used withdrawal at all with any P in last 30 days".
value labels withdrawr 1'yes' 0'no'.

```
compute snipr=-1.
if vasectomy=0 or sp1vas=0 or sp2vas=0 snipr=0.
if vasectomy=1 or sp1vas=1 or sp2vas=1 snipr=1.
if snipr=-1 and sexmo=1 snipr=0.
execute.
missing values snipr (-1).
variable labels snipr "Q26 RECODE. R used vasectomy at all with any P in last 30 days".
value labels snipr 1'yes' 0'no'.
```

```
compute condomr=-1.
if condom=0 or sp1cond=0 or sp2cond=0 condomr=0.
if condom=1 or sp1cond=1 or sp2cond=1 condomr=1.
if condomr=-1 and sexmo=1 condomr=0.
execute.
missing values condomr (-1).
variable labels condomr "Q26 RECODE. R used condom at all with any P in last 30 days".
value labels condomr 1'yes' 0'no'.
```

```
compute nfpr=-1.
if nfp=0 or sp1nfp=0 or sp2nfp=0 nfpr=0.
if nfp=1 or sp1nfp=1 or sp2nfp=1 nfpr=1.
if nfpr=-1 and sexmo=1 nfpr=0.
execute.
missing values nfpr (-1).
variable labels nfpr "Q26 RECODE. R used NFP at all with any P in last 30 days".
value labels nfpr 1'yes' 0'no'.
```

```
compute spermr=-1.
if sperm=0 or sp1sperm=0 or sp2sperm=0 spermr=0.
if sperm=1 or sp1sperm=1 or sp2sperm=1 spermr=1.
if spermr=-1 and sexmo=1 spermr=0.
execute.
missing values spermr (-1).
variable labels spermr "Q26 RECODE. R used other barrier method at all with any P in last 30 days".
value labels spermr 1'yes' 0'no'.
```

```
compute nobarr=-1.
if nobarrier=0 or sp1none=0 or sp2none=0 nobarr=0.
if nobarrier=1 or sp1none=1 or sp2none=1 nobarr=1.
execute.
missing values nobarr (-1).
```

variable labels nobarr "Q26 RECODE. R used NO barrier method at all with any P in last 30 days".

value labels nobarr 1'yes' 0'no'.

compute mogamy=-1.

if q6_a=1 or q6_b=1 or q6_c=1 or q6_d1=1 or q6_e1=1 mogamy=1.

if q6_a=2 or q6_b=2 or q6_c=2 or q6_d1=2 or q6_e1=2 mogamy=2.

if q6_a=3 or q6_b=3 or q6_c=3 or q6_d1=3 or q6_e1=3 mogamy=3.

if q6_a=4 or q6_b=4 or q6_c=4 or q6_d1=4 or q6_e1=4 mogamy=4.

if q6_a=5 or q6_b=5 or q6_c=5 or q6_d1=5 or q6_e1=5 mogamy=5.

if q6_a=6 or q6_b=6 or q6_c=6 or q6_d1=6 or q6_e1=6 mogamy=6.

value labels mogamy 1'not at all likely' 6'very likely'.

missing values mogamy (-1).

variable labels mogamy "Q6 RECODE. how likely P had other P".

compute commit=-1.

if q7_a=1 or q7_b=1 or q7_c=1 or q7_d1=1 or q7_e2=1 commit=1.

if q7_a=2 or q7_b=2 or q7_c=2 or q7_d1=2 or q7_e2=2 commit=2.

if q7_a=3 or q7_b=3 or q7_c=3 or q7_d1=3 or q7_e2=3 commit=3.

if q7_a=4 or q7_b=4 or q7_c=4 or q7_d1=4 or q7_e2=4 commit=4.

if q7_a=5 or q7_b=5 or q7_c=5 or q7_d1=5 or q7_e2=5 commit=5.

if q7_a=6 or q7_b=6 or q7_c=6 or q7_d1=6 or q7_e2=6 commit=6.

value labels commit 1'not at all' 6'very committed'.

missing values commit (-1).

variable labels commit "Q7 RECODE. how committed is R to relationship".

compute happy=-1.

if q8_a=1 or q8_b=1 or q8_c=1 or q8_d1=1 or q8_e1=1 happy=1.

if q8_a=2 or q8_b=2 or q8_c=2 or q8_d1=2 or q8_e1=2 happy=2.

if q8_a=3 or q8_b=3 or q8_c=3 or q8_d1=3 or q8_e1=3 happy=3.

if q8_a=4 or q8_b=4 or q8_c=4 or q8_d1=4 or q8_e1=4 happy=4.

if q8_a=5 or q8_b=5 or q8_c=5 or q8_d1=5 or q8_e1=5 happy=5.

if q8_a=6 or q8_b=6 or q8_c=6 or q8_d1=6 or q8_e1=6 happy=6.

value labels happy 1'not at all' 6'very happy'.

missing values happy (-1).

variable labels happy "Q8 RECODE. how happy is R with relationship".

compute sexsat=-1.

if q9_a=1 or q9_b=1 or q9_c=1 or q9_d1=1 or q9_e1=1 sexsat=1.

if q9_a=2 or q9_b=2 or q9_c=2 or q9_d1=2 or q9_e1=2 sexsat=2.

if q9_a=3 or q9_b=3 or q9_c=3 or q9_d1=3 or q9_e1=3 sexsat=3.

if q9_a=4 or q9_b=4 or q9_c=4 or q9_d1=4 or q9_e1=4 sexsat=4.

if q9_a=5 or q9_b=5 or q9_c=5 or q9_d1=5 or q9_e1=5 sexsat=5.

if q9_a=6 or q9_b=6 or q9_c=6 or q9_d1=6 or q9_e1=6 sexsat=6.

if q9_a=7 or q9_b=7 or q9_c=7 or q9_d1=7 or q9_e1=7 sexsat=7.

value labels sexsat 1'not at all' 6'very satisfied' 7'NA, no sex yet'.

missing values sexsat (-1).

variable labels sexsat "Q9 RECODE. how happy is R with sexual relationship".

compute argue=-1.

if q10_a=1 or q10_b=1 or q10_c=1 or q10_d1=1 or q10_e1=1 argue=1.

if q10_a=2 or q10_b=2 or q10_c=2 or q10_d1=2 or q10_e1=2 argue=2.

if q10_a=3 or q10_b=3 or q10_c=3 or q10_d1=3 or q10_e1=3 argue=3.

if q10_a=4 or q10_b=4 or q10_c=4 or q10_d1=4 or q10_e1=4 argue=4.

if q10_a=5 or q10_b=5 or q10_c=5 or q10_d1=5 or q10_e1=5 argue=5.

value labels argue 3'2-5' 4'6-10' 5'11 or more'.

missing values argue (-1).

variable labels argue "Q10 RECODE. N of serious arguments in last 30 days".

value labels argue 1'0' 2'1' 3'2-5' 4'6-10' 5'11 or more'.

compute wantwp=-1.

if q13_a=1 or q13_b=1 or q13_c=1 or q13_d1=1 or q13_e1=1 wantwp=1.

if q13_a=2 or q13_b=2 or q13_c=2 or q13_d1=2 or q13_e1=2 wantwp=2.

if q13_a=3 or q13_b=3 or q13_c=3 or q13_d1=3 or q13_e1=3 wantwp=3.

if q13_a=4 or q13_b=4 or q13_c=4 or q13_d1=4 or q13_e1=4 wantwp=4.

if q13_a=5 or q13_b=5 or q13_c=5 or q13_d1=5 or q13_e1=5 wantwp=5.

value labels wantwp 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.

missing values wantwp (-1).

variable labels wantwp "Q13 RECODE. R wants kids with P".

compute prevent=-1.

if (q23b_pill_1=1 or q23b_patch_1=1) prevent=1.

if q23b_ring_1=1 prevent=1.

if q23b_depo_1=1 prevent=1.

if q23b_implant_1=1 prevent=1.

if q23b_iud_1=1 prevent=1.

if (q23b_pill_1=0 or q23b_depo_1=0 or q23b_implant_1=0 or q23b_iud_1=0) prevent=0.

if q23b_ring_1=0 prevent=0.

if q23b_patch_1=0 prevent=0.

if hormonal le 7 and prevent=-1 prevent=9.

value labels prevent 0'no' 1'yes' 9'no answer, code to 0?'

variable labels prevent 'Q23b RECODE. use hormonal to prevent preg'.

missing values prevent (-1).

compute cramps=-1.

if (q23b_pill_2=1 or q23b_patch_2=1 or q23b_ring_2=1) cramps=1.

if q23b_depo_2=1 cramps=1.

if q23b_implant_2=1 cramps=1.

if q23b_iud_2=1 cramps=1.

if (q23b_pill_2=0 or q23b_patch_2=0 or q23b_ring_2=0 or q23b_depo_2=0 or

q23b_implant_2=0 or q23b_iud_2=0) cramps=0.

value labels cramps 0'no' 1'yes'.

variable labels cramps 'Q23b RECODE. use hormonal for cramps'.
 if hormonal le 7 and prevent=-1 cramps=9.
 missing values cramps (-1).

compute acne=-1.
 if q23b_pill_3=1 or q23b_patch_3=1 or q23b_ring_3=1 acne=1.
 if q23b_depo_3=1 acne=1.
 if q23b_implant_3=1 acne=1.
 if q23b_iud_3=1 acne=1.
 if q23b_pill_3=0 or q23b_patch_3=0 or q23b_ring_3=0 or q23b_depo_3=0 or
 q23b_implant_3=0 or q23b_iud_3=0 acne=0.
 if hormonal le 7 and prevent=99 acne=9.
 value labels acne 0'no' 1'yes'.
 variable labels acne 'Q23b RECODE. use hormonal for acne'.
 missing values acne (-1).

compute period=-1.
 if q23b_pill_4=1 or q23b_patch_4=1 or q23b_ring_4=1 period=1.
 if q23b_depo_4=1 period=1.
 if q23b_implant_4=1 period=1.
 if q23b_iud_4=1 period=1.
 if q23b_pill_4=0 or q23b_patch_4=0 or q23b_ring_4=0 or q23b_depo_4=0 or
 q23b_implant_4=0 or q23b_iud_4=0 period=0.
 if hormonal le 7 and prevent=-1 period=9.
 value labels period 0'no' 1'yes'.
 variable labels period 'Q23b RECODE. use hormonal for period'.
 missing values period (-1).

compute cysts=-1.
 if q23b_pill_5=1 or q23b_patch_5=1 or q23b_ring_5=1 cysts=1.
 if q23b_depo_5=1 cysts=1.
 if q23b_implant_5=1 cysts=1.
 if q23b_iud_5=1 cysts=1.
 if q23b_pill_5=0 or q23b_patch_5=0 or q23b_ring_5=0 or q23b_depo_5=0 or
 q23b_implant_5=0 or q23b_iud_5=0 cysts=0.
 if hormonal le 7 and prevent=-1 cysts=9.
 value labels cysts 0'no' 1'yes'.
 variable labels cysts 'Q23b RECODE. use hormonal for cysts'.
 missing values cysts (-1).

compute otrobc=-1.
 if q23b_pill_6=1 or q23b_patch_6=1 or q23b_ring_6=1 otrobc=1.
 if q23b_depo_6=1 otrobc=1.
 if q23b_implant_6=1 otrobc=1.
 if q23b_iud_6=1 otrobc=1.

if q23b_pill_6=0 or q23b_patch_6=0 or q23b_ring_6=0 or q23b_depo_6=0 or
 q23b_implant_6=0 or q23b_iud_6=0 otrobc=0.
 if hormonal le 7 and prevent=-1 otrobc=9.
 value labels otrobc 0'no' 1'yes'.
 variable labels otrobc 'Q23b RECODE. use hormonal for other reasons'.
 missing values otrobc (-1).

compute satisbc=-1.
 if (Q23D_pill=1 or Q23D_patch=1 or Q23D_ring=1 or Q23D_Depo=1 or Q23D_Implant=1 or
 Q23D_IUD=1) satisbc=1.
 if (Q23D_pill=2 or Q23D_patch=2 or Q23D_ring=2 or Q23D_Depo=2 or Q23D_Implant=2 or
 Q23D_IUD=2) satisbc=2.
 if (Q23D_pill=3 or Q23D_patch=3 or Q23D_ring=3 or Q23D_Depo=3 or Q23D_Implant=3 or
 Q23D_IUD=3) satisbc=3.
 if (Q23D_pill=4 or Q23D_patch=4 or Q23D_ring=4 or Q23D_Depo=4 or Q23D_Implant=4 or
 Q23D_IUD=4) satisbc=4.
 value labels satisbc 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
 dissatisfied'.
 variable label satisbc "Q23d RECODE. overall satisfaction with hormonal method".
 missing values satisbc (-1).

compute idealbc=-1.
 if q32=1 or q32a=1 idealbc=1.
 if q32=2 or q32a=2 idealbc=2.
 if q32=3 or q32a=3 idealbc=3.
 missing values idealbc (-1).
 value labels idealbc 1'yes' 2'no' 3'unsure'.
 variable labels idealbc "Q32 RECODE. if cost not a barrier, desire other method?".

count womenhc=q41_a q41_b q41_c (1).
 recode womenhc (1 thru 3=1) (0=0).
 variable labels womenhc "Q41 RECODE. received any womens health care in last 6 months".
 value label womenhc 0'no' 1'yes'.

*POVERTY.

recode hhinc (1=4999) (2=6250) (3=8750) (4=11250) (5=13750) (6=17500) (7=22500)
 (8=27500) (9=32500) (10=37500) (11=45000) (12=55000) (13=67500) (14=80000) (15=92500)
 (16=112500) (17=137500) (18=162500) (19=176000) into rhhinc.

do if state ne 94 and state ne 95.
 compute povrate= rnd((rhinc/(11490+((hsize-1)*4020)))*100).
 recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
 end if.
 *AK.
 do if state = 94.

```
compute povrate= rnd((rhhinc/(14350+((hhsz-1)*5030)))*100).
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
end if.
*HI.
do if state = 95.
compute povrate= rnd((rhhinc/(13230+((hhsz-1)*4620)))*100).
recode povrate (lowest thru 99=1) (100 thru 199=2) (200 thru highest=3) into povcat.
end if.
value labels povcat 1'lt 100%' 2'100-199%' 3'200%+'.
variable labels povcat " RECODE. Estimated poverty status based on HHINC and HHSIZE".
```

```
*EMPLOYMENT.
recode empstat (1 2=1) (3 4=2) (5 6 7=3) into empstat3.
variable labels empstat3 " RECODE of empstat".
value labels empstat3 1'employed' 2'looking or temp layoff' 3'not working, incl disabled'.
```

```
*ANY VISITS FOR HEALTH CARE IN LAST 6 MONTHS?.
count anyvisit=gynvisit to sickvis (1).
count missvis=gynvisit to sickvis (-1).
recode anyvisit (1 thru 5=1) (0=0).
variable labels anyvisit "Q41 RECODE. Make a visit for any of 5 reasons in last 6 months".
value labels anyvisit 1'yes' 0'no'.
```

```
missing values typedoc (-1).
missing values doctalk bcinfo (-1).
```

```
recode houremp (1 thru 19=1) (20 thru 34=2) (35 thru highest=3) (else=copy) into work3.
variable labels work3 "Q48 RECODE. Hours spent at work in prior week".
value labels work3 1'lt 20' 2'20-34' 3'35 or more'.
recode houred (1 thru highest=1) (else=copy) into inschool3.
variable label inschool3 "Q48 RECODE. Whether R was attending school last week ".
value labels inschool3 0'no' 1'yes' -1'missing'.
```

```
count nprobs=death to money (1).
variable labels nprobs "Q51 RECODE. Total N of problems experienced in last 6 months".
```

```
missing values stillp dating ndating avoid to feelpg misspill to depowhn pay4bc to nsexp
howdual use6mos typeins sixins to sickvis nwithdraw to nsperm wantpg apptrack to appother
stressa3 to stressc3 (-1).
```

```
recode houremp houred work3 inschool3 (-1=0) (else=copy).
add value labels houremp work3 0'includes 58 nonresponders'
    /inschool3 houred 0'includes 188 nonresponders'.
```

```
*BEEN IN REL SIX MONTHS OR LONGER?.
```

```
compute breakup3=nobreak3.
recode breakup3 (1 3 4=0) (2=1).
variables labels breakup3 "RECODE q4: Broke up and got back together with P from prior survey".
```

```
recode monthsa to Q5a_Weeks_E2 (sysmis=0) (-1=0).
```

```
compute
moweeks=monthsa+monthsb+monthsc+monthsd1+monthse1+Q5a_Months_A+Q5a_Months_B
+Q5a_Months_C+Q5a_Months_D1+Q5a_Months_E1.
```

```
compute moweeks=moweeks*4.33.
```

```
compute
weeks=weeksa+weeksb+weeksc+weeksd1+weekse1+Q5a_weeks_A+Q5a_weeks_B+Q5a_weeks_C+Q5a_weeks_D1+Q5a_weeks_E1.
```

```
compute months=(moweeks+weeks)/4.33.
variable labels months "RECODE Q5: How long been (back together) with current P".
compute months=rnd(months).
freq var months.
```

```
compute howlong3=-1.
if nobreak3=1 howlong3=6.
do if nobreak3 gt 1 and months gt 0.
compute howlong3=months.
end if.
freq var howlong3.
recode howlong3 (6 thru highest=6) (else=copy).
missing values howlong3 (-1).
variable labels howlong3 "RECODE Q4 & Q5: How long been with P".
value labels howlong3 -1'not in rel, or missing data on relationship' 6'6 months or longer'.
```

*HOW HOW MANY OF LAST 6 MONTHS USED HORMONAL METHOD?.

```
compute timeuse=-1.
if (Q23A_pill=1 or Q23A_patch=1 or Q23A_ring=1 or Q23A_Depo=1 or Q23A_Implant=1 or
Q23A_IUD=1) timeuse=0.
if Q23A_pill=2 or Q23A_patch=2 or Q23A_ring=2 or Q23A_Depo=2 or Q23A_Implant=2 or
Q23A_IUD=2 timeuse=1.
if Q23A_pill=3 or Q23A_patch=3 or Q23A_ring=3 or Q23A_Depo=3 or Q23A_Implant=3 or
Q23A_IUD=3 timeuse=2.
if Q23A_pill=4 or Q23A_patch=4 or Q23A_ring=4 or Q23A_Depo=4 or Q23A_Implant=4 or
Q23A_IUD=4 timeuse=3.
if Q23A_pill=5 or Q23A_patch=5 or Q23A_ring=5 or Q23A_Depo=5 or Q23A_Implant=5 or
Q23A_IUD=5 timeuse=4.
```

```
if Q23A_pill=6 or Q23A_patch=6 or Q23A_ring=6 or Q23A_Depo=6 or Q23A_Implant=6 or
Q23A_IUD=6 timeuse=5.
if Q23A_pill=7 or Q23A_patch=7 or Q23A_ring=7 or Q23A_Depo=7 or Q23A_Implant=7 or
Q23A_IUD=7 timeuse=6.
if hormonal=8 or missing(hormonal) timeuse=99.
missing values timeuse (-1, 99).
value labels timeuse -1'missing' 99'not a user' 6'6 or more months'.
variable labels timeuse "RECODE Q23A: How many of last 6 months used hormonal method?".
```

***DIS/AGREEMENT ABOUT WANTING KIDS AND AVOIDING PREGNANCY.**

```
compute rpwant=-1.
if wantwp=pwants rpwant=1.
if wantwp ne pwants rpwant=0.
if wantwp=(pwants +1) or wantwp=(pwants -1) rpwant=1.
if wantwp=5 and pwants ne 5 rpwant=3.
if wantwp ne 5 and pwants =5 rpwant=3.
```

```
compute rpavoid=-1.
if avoid=pavoid rpavoid=1.
if avoid ne pavoid rpavoid=0.
if avoid=(pavoid+1) OR avoid=(pavoid-1) rpavoid=1.
```

```
missing values rpwant rpavoid (-1).
value labels rpwant rpavoid 0'disagree' 1'more or less agree' 3'unsure about one but not both'.
variable labels rpwant "Qs13 & 19 RECODE. R&P dis/agree about wanting kids"
/rpavoid "Qs 16 & 20 RECODE. R&P dis/agree about avoiding pregnancy".
```

*****.

***CONTRACEPTIVE CONSISTENCY ITEMS.**

*****.

***TUBALS.**

```
temp.
select if tubal3=1.
list vars=caseid age union preg3 intend hormonal withdrawr to spermr.
temp.
select if snipr=1 .
list vars=caseid age union nsexp preg3 intend hormonal withdrawr to spermr.
```

```
if caseid = 98 or caseid = 1436 or caseid = 1797 or caseid =5992 or caseid =5383 or caseid =
5980 or caseid = 231 or caseid = 583 or caseid =761 or caseid =866 or caseid = 1008 or caseid =
1608 or caseid = 1813 or caseid = 2229 or caseid = 2273 or caseid = 4093 or caseid = 4354 or
caseid = 4359 or caseid = 4966 or caseid = 875 or caseid = 1576 or caseid = 2030 or caseid =
5933 tubal3=1.5.
```

```
add value labels tubal3 1.5'likely not tubal'.
```

***CONVERTED TO NOT HAVE HAD A TUBAL.**

*BELOW ADDED AFTER EXAMINING T4 DATA.

recode tubal3 (1.5=0).

add value labels tubal3 0'indicated yes but likely not'.

do if caseid=471 or caseid=1813 or caseid=1816 or caseid=2141 or caseid=2774 or caseid=2953
or caseid=4354 or caseid=4559 or caseid=4707 or caseid=5528 or caseid=5898 or caseid=5995.

compute tubal3=1.

end if.

if caseid=231 or caseid=583 or caseid=1608 or caseid=2273 tubal3=1.

*AMONG WOMEN WITH ONE PARTNER AND ONE BARRIER METHOD.

count var10=withdraw vasectomy condom to sperm (1).

variable labels var10 "N of barrier methods used with 1st P among women with 1 P".

compute freqbar=-1.

*FOR WOMEN WHO ONLY USED 1 METHOD.

do if var10=1.

if withdraw=1 and nwithdraw=1 freqbar=1.

if withdraw=1 and nwithdraw gt 1 freqbar=3.

if condom=1 and ncondoms=1 freqbar=1.

if condom=1 and ncondoms gt 1 freqbar=3.

if nfp=1 and nnfp=1 freqbar=1.

if nfp=1 and nnfp gt 1 freqbar=3.

if sperm=1 and nsperm=1 freqbar=1.

if sperm=1 and nsperm gt 1 freqbar=3.

end if.

variable labels freqbar "Q26A RECODE Frequency of barrier method use with first/only P in
last 30 days".

value labels freqbar 1'every time' 2'not sure' 3'not every time' 5'did not use a barrier method' 9'no
sex in last 30 days' -1'missing info on method or sex'.

*FOR WOMEN WHO USED TWO METHODS.

*USED AT LEAST ONE EVERY TIME.

do if var10=2.

if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 or vasectomy=1 freqbar=1.

end if.

do if var10=2 and freqbar=-1 and condom=1 and withdraw=1.

if ncondoms=2 and nwithdraw=2 and howdual gt 1 freqbar=2.

if ncondoms=2 and nwithdraw=2 and howdual =1 freqbar=3.

if ncondoms=2 and nwithdraw=3 and howdual =2 freqbar=2.

if ncondoms=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.

if ncondoms=3 and nwithdraw=2 and howdual = 2 freqbar=2.

```

if ncondoms=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nwithdraw=4 freqbar=3.
if ncondoms=4 and nwithdraw=3 freqbar=3.
if ncondoms=4 and nwithdraw=4 freqbar=3.
if ncondoms=2 and nwithdraw=5 freqbar=3.
if ncondoms=5 and nwithdraw=2 freqbar=3.
if ncondoms=3 and nwithdraw=3 and howdual=2 freqbar=2.
if ncondoms=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nwithdraw=2 and howdual=2 freqbar=2.
if ncondoms=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=2 and nwithdraw=4 and howdual=2 freqbar=2.
if ncondoms=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=5 or nwithdraw=5 freqbar=3.
end if.
execute.

```

```

do if var10=2 and freqbar=-1 and nfp=1 and withdraw=1.
if nnfp=2 and nwithdraw=2 and howdual gt 1 freqbar=2.
if nnfp=2 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=3 and howdual =2 freqbar=2.
if nnfp=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=2 and howdual =2 freqbar=2.
if nnfp=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=4 freqbar=3.
if nnfp=4 and nwithdraw=3 freqbar=3.
if nnfp=4 and nwithdraw=4 freqbar=3.
if nnfp=2 and nwithdraw=5 freqbar=3.
if nnfp=5 and nwithdraw=2 freqbar=3.
if nnfp=3 and nwithdraw=3 and howdual=2 freqbar=2.
if nnfp=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=4 and nwithdraw=2 and howdual=2 freqbar=2.
if nnfp=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=4 and howdual=2 freqbar=2.
if nnfp=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=5 and nwithdraw=4 freqbar=3.
end if.

```

***USED CONDOMS AND NFP.**

```

do if var10=2 and freqbar=-1 and condom=1 and nfp=1.
if ncondoms=2 and nnfp=2 and howdual gt 1 freqbar=2.
if ncondoms=2 and nnfp=2 and howdual =1 freqbar=3.
if ncondoms=2 and nnfp=3 and howdual =2 freqbar=2.
if ncondoms=2 and nnfp=3 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=2 and howdual =2 freqbar=2.
if ncondoms=3 and nnfp=2 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=4 freqbar=3.

```



```

if ncondoms=4 and nnfp=3 freqbar=3.
if ncondoms=4 and nnfp=4 freqbar=3.
if ncondoms=2 and nnfp=5 freqbar=3.
if ncondoms=5 and nnfp=2 freqbar=3.
if ncondoms=3 and nnfp=3 and howdual=2 freqbar=2.
if ncondoms=3 and nnfp=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nnfp=2 and howdual=2 freqbar=2.
if ncondoms=4 and nnfp=2 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=2 and nnfp=4 and howdual=2 freqbar=2.
if ncondoms=2 and nnfp=4 and (howdual=1 or howdual=3) freqbar=3.
end if.

```

```

do if var10=2 AND freqbar=-1 and sperm=1.
if howdual=1 freqbar=3.
if nwithdraw=2 and nsperm=4 and howdual=2 freqbar=2.
if nwithdraw=4 and nsperm=2 and howdual=2 freqbar=2.
if nnfp=3 and nsperm=3 and howdual=2 freqbar=2.
if nwithdraw=4 and nsperm=4 and howdual=2 freqbar=3.
if ncondoms=3 and nsperm=4 and howdual=2 freqbar=3.
end if.
execute.

```

```

do if var10=2 and freqbar=-1.
compute freqbar=1.
end if.

```

```

temp.
select if var10=2 and freqbar=-1.
list vars=hormonal nwithdraw to nsperm howdual.

```

```

do if var10=3.
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=2.
end if.
temp.
select if var10=3 and freqbar=-1..
list vars=caseid hormonal nwithdraw to nsperm howdual.

```

```

do if (var10=3) and freqbar=-1.
compute freqbar =1.
end if.
execute.

```

***VAR CODED BASED ON CASE-BY-CASE EXAMINATION OF DATA**

```

if caseid=3252 freqbar=3.

```

```

if snipr=1 freqbar=1.

```

***CONSISTENCY OF USE WITH FIRST P AMONG THOSE THAT REPORTED TWO.
 *FIRST P AMONG WOMEN WITH TWO PARTNER AND ONE BARRIER METHOD.
 count var11= sp1wd sp1cond to sp1sperm (1).

*FOR WOMEN WHO ONLY USED 1 METHOD (NONE REPORTED ONLY SPERMICIDE).
 do if var11=1.
 if sp1wd=1 and nwithdraw=1 freqbar=1.
 if sp1wd=1 and nwithdraw gt 1 freqbar=3.
 if sp1cond=1 and ncondoms=1 freqbar=1.
 if sp1cond=1 and ncondoms gt 1 freqbar=3.
 if sp1nfp=1 and nnfp=1 freqbar=1.
 if sp1nfp=1 and nnfp gt 1 freqbar=3.
 end if.

**CODING THOSE WHO USED ONE AT LEAST EVERY TIME (N=6).
 do if var11=2.
 if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=1.
 end if.

*FOR WOMEN WHO USED TWO METHODS (~~n=6~~) ALL USED WITHDRAWAL AND
 CONDOMS.

do if var11 =2 AND sp1wd=1 and freqbar=-1.
 compute freqbar=2.
 if nwithdraw=3 and ncondoms=4 freqbar=3.
 if howdual=1 freqbar=3.
 if nwithdraw=3 and ncondoms=3 and howdual=3 freqbar=3.
 end if.

if sp1vas=1 freqbar=1.

if freqbar=-1 and sp1none=1 freqbar=5.
 execute.
 temp.
 select if var11 gt 0 and freqbar=-1.
 list vars=nwithdraw to nsperm.
 if var11=3 and freqbar=-1 freqbar=3.

***CONSISTENCY OF USE WITH SECOND P AMONG THOSE THAT REPORTED TWO.
 *SECOND P AMONG WOMEN WITH TWO PARTNER AND ONE BARRIER METHOD.
 count var12= sp2wd to sp2sperm (1).

compute freqbarb=-1.
 variable labels freqbarb "Q26A RECODE Frequency of barrier method use with SECOND P in
 last 30 days".

value labels freqbarb 1'every time' 2'not sure' 3'not every time' 5'never, did not use barrier method'.

*FOR WOMEN WHO ONLY USED 1 METHOD .

do if var12=1.

if sp2wd=1 and nwithdrawr=1 freqbarb=1.

if sp2wd=1 and nwithdrawr gt 1 freqbarb=3.

if sp2cond=1 and ncondoms3=1 freqbarb=1.

if sp2cond=1 and ncondoms3 gt 1 freqbarb=3.

if sp2nfp=1 and nnfpr=1 freqbarb=1.

if sp2nfp=1 and nnfpr gt 1 freqbarb=3.

if sp2sperm=1 and nspermr=1 freqbarb=1.

if sp2sperm=1 and nspermr gt 1 freqbarb=3.

end if.

do if var12=2.

if nwithdrawr=1 or ncondoms3=1 or nnfpr=1 or nspermr=1 freqbarb=1.

end if.

TEMPORARY.

select if var12 gt 0 and missing(freqbarb).

list vars=sp2wd nwithdrawr nspermr.

if sp2vas=1 freqbarb=1.

if freqbarb=-1 and sp2none=1 freqbarb=5.

if freqbar=-1 and nobarrier=1 freqbar=5.

TEMPORARY.

select if var12 gt 0.

***VAR CODED BASED ON CASE-BY-CASE EXAMINATION OF DATA**

if caseid=1612 freqbarb=1.

if caseid=3420 freqbarb=3.

if sexmo=2 freqbar=9.

missing values freqbar freqbarb (-1, 9).

recode freqbar (sysmis=-1).

count varz=withdrawr to spermr (1).

****MEASURING CONSISTENCY OF HORMONAL METHOD USE.**

compute missed=-1.

if pill=1 and misspill=0 missed=0.

if patch=1 and patchon=0 missed=0.

if ring=1 and (ringon=1 or ringon=4) missed=0.

if depo=1 and (depowhn=1 or depowhn=3 or depowhn=4) missed=0.

if iud=1 missed=0.

if implant=1 missed=0.

```
if pill=1 and misspill ge 1 missed=1.
if patch=1 and patchon ge 1 missed=1.
if ring=1 and (ringon =2 or ringon=3) missed=1.
if depo=1 and depowhn=2 missed=1.

temp.
select if hormonal=7.
list vars=caseid pill to iud howdual varz missed.
if hormonal=7 missed=0.
if caseid=694 or caseid=3610 or caseid=3914 missed=1.
```

*ALT MEASURE OF MISSED THAT COUNTS THOSE WHO ONLY MISSED ONE PILL AS CONSISTENT USERS. ALSO MORE LENIENT WITH PATCH AND RING USERS.

```
compute missedb=missed.
if misspill=1 missedb=0.
if patchon=2 missedb=0.
if ringon=3 missedb=0.
if hormonal=8 missed=9.
if hormonal=8 missedb=9.
missing values missed missedb (-1, 9).
variable labels missed "Q23C RECODE. Whether R was imperfect user of hormonal method".
variable labels missedb "Q23C RECODE. R was imperfect user of hormonal method, lenient version".
value labels missed missedb 0'no' 1'yes' -1'skipped/missing' 9'not a user'.
```

*COMBINING INFO FROM BARRIER AND HORMONAL CONSISTENCY MEASURES.

```
compute consistent=-1.
if missed=0 consistent=1.
if missed=1 consistent=0.
if freqbar=1 consistent=1.
if consistent=-1 and freqbar =2 consistent=.5.
if consistent=-1 and freqbar gt 2 consistent=0.
```

*WOMEN WITH TWO PARTNERS.

```
do if nsexp gt 1 and hormonal =8.
if freqbar=1 and freqbarb=1 consistent=1.
if freqbarb gt 1 consistent=0.
end if.
do if nsexp gt 1 and missed=1.
if freqbar=1 and freqbarb=1 consistent=1.
if freqbarb gt 1 consistent=0.
end if.
if tubal3=1 or vasectomy=1 consistent=1.

if consistent=-1 and sexmo=2 consistent=9.
```

****ALT MEASURE OF PROTECTION AGAINST UNPLANNED PREGNANCY.**

```
compute protect=-1.  
if missedb=0 protect=1.  
if missedb=1 protect=0.  
if freqbar=1 or freqbar=2 protect=1.  
if protect=-1 and freqbar gt 2 protect=0.
```

***WOMEN WITH TWO PARTNERS.**

```
do if nsexp gt 1 and hormonal=8.  
if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.  
if freqbarb gt 1 protect=0.  
end if.  
do if nsexp gt 1 and missedb=1.  
if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.  
if freqbarb gt 1 protect=0.  
end if.  
if tubal3=1 or vasectomy=1 protect=1.  
if protect=-1 and sexmo=2 protect=9.  
execute.
```

***WOMEN WHO MISSED HORMONAL METHOD AND USED A BARRIER (26 of 29).**

```
do if hormonal=1 and protect=0 and varz gt 0.  
if misspill lt 5 protect=1.  
end if.  
if tubal3=1 protect=1.
```

VARIABLE labels consistent "Qs 23C & 26A RECODE. Perfect user of hormonal and barrier methods in last 30 days"

protect "Qs 23C & 26A RECODE. Protected against pregnancy in the last 30 days".
value labels consistent protect 1'yes' .5'could be im/perfect' 0'no' -1'missing' 9'no sex in last 30 days'.
missing values consistent protect (-1).

recode consistent (.5=1) (else=copy).

***Rs SATISFACTION WITH BARRIER METHODS.**

```
missing values rsat1 to rsat2 (-1).  
count var16=withdrawr to spermr (1).  
recode rsat1 to rsat2 (sysmis=0).  
compute rsatis=-1.  
do if var16=1.  
compute rsatis=sum(rsat1 to rsat2).  
end if.
```

***1 P, 2 METHODS.**

```
do if var16=2.
compute rsatis=rnd(sum(rsat1 to rsat2)/2).
end if.
```

```
*1 P, 3 METHODS.
do if var16=3.
compute rsatis=rnd(sum(rsat1 to rsat2)/3).
end if.
```

```
*1 P, 4 METHODS.
do if var16=4.
compute rsatis=rnd(sum(rsat1 to rsat2)/4).
end if.
```

```
recode rsatis (0=-1) (else=copy).
if var16=0 rsatis=9.
missing values rsatis (-1, 9).
variable labels rsatis 'Q27 RECODE. Rs satisfaction with barrier methods'.
value labels rsatis 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
dissatisfied' 9'did not use barrier method' -1'missing'.
```

```
*REASONS FOR USE OF HORMONAL METHODS.
count nreasons=prevent to otrobc (1).
recode nreasons (3 thru highest=3) (else=copy).
compute onlyprev3=prevent.
if nreasons gt 1 onlyprev3=0.
variable labels nreasons "Q 23B. N of reasons for using hormonal method"
onlyprev3 "Q23B. Only use hormonal methods for pregnancy prevention".
value labels nreasons 3'3 or more'.
```

```
*PAY FOR CP EACH MONTH.
compute paycp=-1.
if pay4bc=0 or pay4pat=0 or pay4ring=0 or pay4depo=0 or pay4impl=0 or pay4iud=0 paycp=1.
```

```
if pay4bc gt 0 and pay4bc le 10 paycp=2.
if pay4pat gt 0 and pay4pat le 10 paycp=2.
if pay4ring gt 0 and pay4ring le 10 paycp=2.
if pay4depo gt 0 and pay4depo le 10 paycp=2.
if pay4impl gt 0 and pay4impl le 10 paycp=2.
if pay4iud gt 0 and pay4iud le 10 paycp=2.
```

```
if pay4bc gt 10 and pay4bc le 25 paycp=3.
if pay4pat gt 10 and pay4pat le 25 paycp=3.
if pay4ring gt 10 and pay4ring le 25 paycp=3.
if pay4depo gt 10 and pay4depo le 25 paycp=3.
if pay4impl gt 10 and pay4impl le 25 paycp=3.
```

if pay4iud gt 10 and pay4iud le 25 paycp=3.

if pay4bc gt 25 or pay4pat gt 25 or pay4ring gt 25 or pay4depo gt 25 or pay4impl gt 25 or pay4iud gt 25 paycp=4.

variable labels paycp "Q23E RECODE. How much pay for hormonal method each month".

value labels paycp 1'nothing' 2'\$10 or less' 3'\$11-\$25' 4'>\$25' 9'does not use hormonal methods' - 1'no info on hormonal or cost'.

if hormonal=8 paycp=9.

missing values paycp (-1, 9).

*POTENTIAL BREASTFEEDING.

compute birth3mo=0.

if preg3=3 and (bornmo3=9 or bornmo3=10 or bornmo3=11) birth3mo=1.

compute constat=-1.

if patch=1 constat=4.

if ring=1 constat=4.

if pill=1 constat=2.

if depo=1 constat=3.

if implant=1 constat=1.

if iud=1 constat=1.

if tubal3=1 or snipr=1 constat=0.

do if constat=-1.

if sexmo=1 constat=8.

if birth3mo=1 constat=97.

if nfpr=1 constat=7.

if spermr=1 constat=7.

if withdrawr=1 constat=6.

if condomr=1 constat=5.

if sexmo=2 constat=98.

if preg3=4 constat=97.

end if.

if intend=1 constat=99.

execute.

value labels constat 0'tubal or snip' 1'LARC' 2'pill' 3'depo' 4'patch or ring' 5'condoms'

6'withdrawal' 7'other barrier' 8'no method' 97'preg or postpartum' 98'no sex in last 30 days'

99'trying to get pregnant'.

missing values constat (-1).

count var99=withdrawr to spermr (1).

compute cpuse=-1.

if sexmo=2 cpuse=9.

if hormonal lt 8 and var99=0 cpuse=1.

if hormonal=8 and var99 =1 cpuse=2.

```
if hormonal=8 and var99 gt 1 cpuse=3.  
if hormonal lt 8 and var99 ge 1 cpuse=4.  
if snipr=1 or tubal3=1 cpuse=0.  
temp.  
select if cpuse=-1.  
if cpuse=-1 and hormonal =8 and var99=0 cpuse=5.  
execute.
```

```
missing values cpuse (-1, 9) .  
value labels cpuse 0'tubal or snip' 1'hormonal only' 2'1 barrier' 3'multiple barrier only' 4'both  
hormonal and barrier' 5'did not use' 9'no sex in last 30 (& no hormonal used)l'.  
variable labels cpuse 'methods used n last 30 days, includes those not had sex'.  
  
missing values preg3 marital3 (-1).
```

```
recode otroins (""="NA").  
missing values otroins ("NA").  
temp.  
select if otroins ne "NA".  
list vars=caseid state otroins.
```

*RECODING BASED ON OPEN-ENDED RESPONSES TO OTROINS

```
if caseid=3086 or caseid=496 or caseid=3176 or caseid=4046 or caseid=2126 or caseid=421 or  
caseid=955 or caseid=4931 or caseid=6562 or caseid=6935 or caseid=2051 or caseid=3249 or  
caseid=1643 or caseid=2190 or caseid=2737 or caseid=302 or caseid=1906 or caseid=2319 or  
caseid=1269 or caseid=1698 typeins=1
```

```
if caseid=1929 or caseid=3597 or caseid=4936 or caseid=891 or caseid=4367 or caseid=5419 or  
caseid=372 typeins=4.
```

```
*IF WENT TO PRIVATE DOC AND USED INS OR PAID OOP FOR WHC, aLLOCATES.  
do if missing(typeins).  
if typedoc=1 and inspaid=1 typeins=1.  
if typedoc=1 and paidoop=1 typeins=1.  
end if.
```

*GAP IN INSURANCE IN THE LAST 6 MONTHS.

```
compute gapins=-1.  
if typeins=4 gapins=1.  
if typeins lt 4 gapins=0.  
if gapins=0 and sixins=2 gapins=1.  
missing values gapins(-1).  
variable labels gapins "Q39 RECODE, did R have any gaps in insurance in last six months".  
value labels gapins 1'yes' 0'no'.
```


*UNINSURED ALL OF LAST SIX MONTHS.

compute unins=-1.

if typeins lt 4 unins=0.

if typeins =4 unins=1.

if anyins3=1 unins=0.

variable labels unins "Qs 38 and 39 RECODE. Whether R was WITHOUT health insurance all of the last 6 mos".

value labels unins 1'yes' 0'no' -1'ins type missing' 98'missing info on last 6 mos'.

missing values unins (-1).

do if preg3=4.

compute intend=5.

end if.

add value labels intend 5'currently pregnant'.

*PROTECT IN LAST SIX MONTHS.

compute protectb=protect.

*BELOW ALLOWS WOMEN NOT USING CAUSE PREGNANT OR TRYING TO BE "PROTECTED" (FROM UNTENDED PREGNANCY).

do if protectb=1.

if use6mos=2 protectb=0.

if use6mos=2 and wantpg=1 protectb=2.

end if.

if (hormonal=5 or hormonal=6) and timeuse ge 6 protectb=1.

variable labels protectb "RECODE Q35 + protect, measures whether R was protected in each of last six months".

value labels protectb 0"no" 1"yes" 2"unprotected but trying to get pg" 9"no sex and no method in last 30 days".

*POSTPARTUM WOMEN CODED TO "MISSING" ON PROTECT.

do if constat=97.

recode protect protectb consistent (0=-1).

end if.

do if constat=8 and missing(protect) and not missing(intend).

compute protect=0.

end if.

Wave 4

*UNION STATUS.

```
compute union=q1.
recode union (6=5) (else=copy).
value labels union 1'married' 2'cohabiting' 3'separated from spouse' 4'never married' 5'prev
married'.
missing values union (-1).
if missing(union) and ppmarit=1 union=1.
if missing(union) and ppmarit=5 union=4.
if missing(union) and ppmarit=6 union=2.
variable labels union "Q1 RECODE. Rs union status".
```

```
compute unionb=union.
do if union=4.
if q1b=1 unionb=1.
if q1b=2 unionb=5.
end if.
recode unionb (3 =5) (else=copy).
if unionb ge 3 and q2=1 unionb=3.
variable labels unionb "Q1 and 2 RECODE. Rs union status".
value labels unionb 1'married' 2'cohabiting' 3'dating' 4'never married' 5'prev married'.
recode union unionb (-1, sysmis=5).
```

*COLLAPSING 4 VARS INTO 2.

```
do if missing (q3b_d1) and not missing (q3b_e1).
compute q3b_d1=q3b_e1.
compute q3b_d2=q3b_e2.
end if.
```

```
compute pgender=-1.
if q3b_a=2 or q3b_b=2 or q3b_c=2 or q3b_d1=2 pgender=2.
if q3b_a=1 or q3b_b=1 or q3b_c=1 or q3b_d1=1 pgender=1.
value labels pgender 1'male' 2'female'.
variable labels pgender "Q3b RECODE. Ps gender".
missing values pgender (-1).
```

*BEEN IN REL FOR 6 MONTHS OR LONGER?.

```
do if missing (q4_d1) and not missing (q4_e1).
compute q4_d1=q4_e1.
compute q4_d2=q4_e2.
end if.
```

```
compute nobreak4=-1.
if q4_a=1 or q4_b =1 or q4_c=1 or q4_d1=1 nobreak4=1.
if q4_a=2 or q4_b =2 or q4_c=2 or q4_d1=2 nobreak4=2.
```

if q4_a=3 or q4_b=3 or q4_c=3 or q4_d1=3 nobreak4=3.
 if q4_a=4 or q4_b=4 or q4_c=4 or q4_d1=4 nobreak4=4.
 variable labels nobreak4 "Q4 RECODE. Been together for 6 months or longer".
 value labels nobreak4 1'yes' 2'broken up but back together' 3'no' 4'unsure' 9'not in relationship'.
 missing values nobreak4 (-1).

***PREGNANCIES SINCE BASELINE.**

missing values preg4 to fertint4 timingpg4 bcpreg4 bornmo4 avoid to feelpg (-1).

compute pwants=-1.

if q19_a=1 or q19_b=1 or q19_c=1 or q19_d1=1 or q19_e1=1 pwants=1.
 if q19_a=2 or q19_b=2 or q19_c=2 or q19_d1=2 or q19_e1=2 pwants=2.
 if q19_a=3 or q19_b=3 or q19_c=3 or q19_d1=3 or q19_e1=3 pwants=3.
 if q19_a=4 or q19_b=4 or q19_c=4 or q19_d1=4 or q19_e1=4 pwants=4.
 if q19_a=5 or q19_b=5 or q19_c=5 or q19_d1=5 or q19_e1=5 pwants=5.
 value labels pwants 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.
 missing values pwants (-1).
 variable labels pwants "Q19 RECODE. P wants kids with R".

compute pavoid=-1.

if q20_a=1 or q20_b=1 or q20_c=1 or q20_d1=1 or q20_e1=1 pavoid=1.
 if q20_a=2 or q20_b=2 or q20_c=2 or q20_d1=2 or q20_e1=2 pavoid=2.
 if q20_a=3 or q20_b=3 or q20_c=3 or q20_d1=3 or q20_e1=3 pavoid=3.
 if q20_a=4 or q20_b=4 or q20_c=4 or q20_d1=4 or q20_e1=4 pavoid=4.
 if q20_a=5 or q20_b=5 or q20_c=5 or q20_d1=5 or q20_e1=5 pavoid=5.
 if q20_a=6 or q20_b=6 or q20_c=6 or q20_d1=6 or q20_e1=6 pavoid=6.
 value labels pavoid 1'not at all imp' 6'very important'.
 missing values pavoid (-1).
 variable labels pavoid "Q20 RECODE. How important to P to avoid preg now?".

***HORMONAL METHODS.**

count b2=q23_1 to q23_6 (1).

compute hormonal=-1.

if q23_1=1 hormonal=1.
 if q23_2=1 hormonal=2.
 if q23_3=1 hormonal=3.
 if q23_4=1 hormonal=4.
 if q23_5=1 hormonal=5.
 if q23_6=1 hormonal=6.
 if q23_7=1 hormonal=8.
 if b2 gt 1 hormonal=7.
 value labels hormonal 1'pill' 2'patch' 3'ring' 4'depo' 5'implant' 6'iud' 7'multiple methods' 8'none'.
 variable label hormonal "hormonal method in last 30 days".

recode hormonal (-1=8).

variable labels hormonal "Q23 RECODE. hormonal method used by R in last 30 days".

*****.

*COITAL METHODS.

*****.

*BARRIER METHOD USED AT ALL WITH ANY P IN LAST 30 DAYS.

compute withdrawr=-1.

if withdraw=0 or sp1wd=0 or sp2wd=0 withdrawr=0.

if withdraw=1 or sp1wd=1 or sp2wd=1 withdrawr=1.

if withdrawr=-1 and sexmo=1 withdrawr=0.

execute.

missing values withdrawr (-1).

variable labels withdrawr "Q26 RECODE. R used withdrawal at all with any P in last 40 days".

value labels withdrawr 1'yes' 0'no'.

compute snipr=-1.

if vasectomy=0 or sp1vas=0 or sp2vas=0 snipr=0.

if vasectomy=1 or sp1vas=1 or sp2vas=1 snipr=1.

if snipr=-1 and sexmo=1 snipr=0.

execute.

missing values snipr (-1).

variable labels snipr "Q26 RECODE. R used vasectomy at all with any P in last 30 days".

value labels snipr 1'yes' 0'no'.

compute condomr=-1.

if condom=0 or sp1cond=0 or sp2cond=0 condomr=0.

if condom=1 or sp1cond=1 or sp2cond=1 condomr=1.

if condomr=-1 and sexmo=1 condomr=0.

execute.

missing values condomr (-1).

variable labels condomr "Q26 RECODE. R used condom at all with any P in last 30 days".

value labels condomr 1'yes' 0'no'.

compute nfpr=-1.

if nfp=0 or sp1nfp=0 or sp2nfp=0 nfpr=0.

if nfp=1 or sp1nfp=1 or sp2nfp=1 nfpr=1.

if nfpr=-1 and sexmo=1 nfpr=0.

execute.

missing values nfpr (-1).

variable labels nfpr "Q26 RECODE. R used NFP at all with any P in last 30 days".

value labels nfpr 1'yes' 0'no'.

compute spermr=-1.

if sperm=0 or sp1sperm=0 or sp2sperm=0 spermr=0.

if sperm=1 or sp1sperm=1 or sp2sperm=1 spermr=1.

```
if spermr=-1 and sexmo=1 spermr=0.
execute.
missing values spermr (-1).
variable labels spermr "Q26 RECODE. R used other barrier method at all with any P in last 30
days".
value labels spermr 1'yes' 0'no'.
```

```
compute nobarr=-1.
if nobarrier=0 or sp1none=0 or sp2none=0 nobarr=0.
if nobarrier=1 or sp1none=1 or sp2none=1 nobarr=1.
execute.
missing values nobarr (-1).
variable labels nobarr "Q26 RECODE. R used NO barrier method at all with any P in last 30
days".
value labels nobarr 1'yes' 0'no'.
```

```
compute mogamy=-1.
if q6_a=1 or q6_b=1 or q6_c=1 or q6_d1=1 or q6_e1=1 mogamy=1.
if q6_a=2 or q6_b=2 or q6_c=2 or q6_d1=2 or q6_e1=2 mogamy=2.
if q6_a=3 or q6_b=3 or q6_c=3 or q6_d1=3 or q6_e1=3 mogamy=3.
if q6_a=4 or q6_b=4 or q6_c=4 or q6_d1=4 or q6_e1=4 mogamy=4.
if q6_a=5 or q6_b=5 or q6_c=5 or q6_d1=5 or q6_e1=5 mogamy=5.
if q6_a=6 or q6_b=6 or q6_c=6 or q6_d1=6 or q6_e1=6 mogamy=6.
value labels mogamy 1'not at all likely' 6'very likely'.
missing values mogamy (-1).
variable labels mogamy "Q6 RECODE. how likely P had other P".
```

```
compute commit=-1.
if q7_a=1 or q7_b=1 or q7_c=1 or q7_d1=1 or q7_e2=1 commit=1.
if q7_a=2 or q7_b=2 or q7_c=2 or q7_d1=2 or q7_e2=2 commit=2.
if q7_a=3 or q7_b=3 or q7_c=3 or q7_d1=3 or q7_e2=3 commit=3.
if q7_a=4 or q7_b=4 or q7_c=4 or q7_d1=4 or q7_e2=4 commit=4.
if q7_a=5 or q7_b=5 or q7_c=5 or q7_d1=5 or q7_e2=5 commit=5.
if q7_a=6 or q7_b=6 or q7_c=6 or q7_d1=6 or q7_e2=6 commit=6.
value labels commit 1'not at all' 6'very committed'.
missing values commit (-1).
variable labels commit "Q7 RECODE. how committed is R to relationship".
```

```
compute happy=-1.
if q8_a=1 or q8_b=1 or q8_c=1 or q8_d1=1 or q8_e1=1 happy=1.
if q8_a=2 or q8_b=2 or q8_c=2 or q8_d1=2 or q8_e1=2 happy=2.
if q8_a=3 or q8_b=3 or q8_c=3 or q8_d1=3 or q8_e1=3 happy=3.
if q8_a=4 or q8_b=4 or q8_c=4 or q8_d1=4 or q8_e1=4 happy=4.
if q8_a=5 or q8_b=5 or q8_c=5 or q8_d1=5 or q8_e1=5 happy=5.
if q8_a=6 or q8_b=6 or q8_c=6 or q8_d1=6 or q8_e1=6 happy=6.
value labels happy 1'not at all' 6'very happy'.
```

missing values happy (-1).

variable labels happy "Q8 RECODE. how happy is R with relationship".

compute sexsat=-1.

if q9_a=1 or q9_b=1 or q9_c=1 or q9_d1=1 or q9_e1=1 sexsat=1.

if q9_a=2 or q9_b=2 or q9_c=2 or q9_d1=2 or q9_e1=2 sexsat=2.

if q9_a=3 or q9_b=3 or q9_c=3 or q9_d1=3 or q9_e1=3 sexsat=3.

if q9_a=4 or q9_b=4 or q9_c=4 or q9_d1=4 or q9_e1=4 sexsat=4.

if q9_a=5 or q9_b=5 or q9_c=5 or q9_d1=5 or q9_e1=5 sexsat=5.

if q9_a=6 or q9_b=6 or q9_c=6 or q9_d1=6 or q9_e1=6 sexsat=6.

if q9_a=7 or q9_b=7 or q9_c=7 or q9_d1=7 or q9_e1=7 sexsat=7.

value labels sexsat 1'not at all' 6'very satisfied' 7'NA, no sex yet'.

missing values sexsat (-1).

variable labels sexsat "Q9 RECODE. how happy is R with sexual relationship".

compute argue=-1.

if q10_a=1 or q10_b=1 or q10_c=1 or q10_d1=1 or q10_e1=1 argue=1.

if q10_a=2 or q10_b=2 or q10_c=2 or q10_d1=2 or q10_e1=2 argue=2.

if q10_a=3 or q10_b=3 or q10_c=3 or q10_d1=3 or q10_e1=3 argue=3.

if q10_a=4 or q10_b=4 or q10_c=4 or q10_d1=4 or q10_e1=4 argue=4.

if q10_a=5 or q10_b=5 or q10_c=5 or q10_d1=5 or q10_e1=5 argue=5.

value labels argue 3'2-5' 4'6-10' 5'11 or more'.

missing values argue (-1).

variable labels argue "Q10 RECODE. N of serious arguments in last 30 days".

value labels argue 1'0' 2'1' 3'2-5' 4'6-10' 5'11 or more'.

compute wantwp=-1.

if q13_a=1 or q13_b=1 or q13_c=1 or q13_d1=1 or q13_e1=1 wantwp=1.

if q13_a=2 or q13_b=2 or q13_c=2 or q13_d1=2 or q13_e1=2 wantwp=2.

if q13_a=3 or q13_b=3 or q13_c=3 or q13_d1=3 or q13_e1=3 wantwp=3.

if q13_a=4 or q13_b=4 or q13_c=4 or q13_d1=4 or q13_e1=4 wantwp=4.

if q13_a=5 or q13_b=5 or q13_c=5 or q13_d1=5 or q13_e1=5 wantwp=5.

value labels wantwp 1'agree' 2'somewhat agree' 3'somewhat disagree' 4'disagree' 5'unsure, dk'.

missing values wantwp (-1).

variable labels wantwp "Q13 RECODE. R wants kids with P".

compute satisbc=-1.

if (Q23D_pill=1 or Q23D_patch=1 or Q23D_ring=1 or Q23D_Depo=1 or Q23D_Implant=1 or Q23D_IUD=1) satisbc=1.

if (Q23D_pill=2 or Q23D_patch=2 or Q23D_ring=2 or Q23D_Depo=2 or Q23D_Implant=2 or Q23D_IUD=2) satisbc=2.

if (Q23D_pill=3 or Q23D_patch=3 or Q23D_ring=3 or Q23D_Depo=3 or Q23D_Implant=3 or Q23D_IUD=3) satisbc=3.

if (Q23D_pill=4 or Q23D_patch=4 or Q23D_ring=4 or Q23D_Depo=4 or Q23D_Implant=4 or Q23D_IUD=4) satisbc=4.

count g=q23d_pill to q23d_iud (1 2 3 4).

value labels satisbc 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very dissatisfied'.

variable label satisbc "Q23d RECODE. overall satisfaction with hormonal method".

missing values satisbc (-1).

count womenhc=q41_a q41_b q41_c (1).

recode womenhc (1 thru 3=1) (0=0).

variable labels womenhc "Q41 RECODE. received any womens health care in last 6 months".

value label womenhc 0'no' 1'yes'.

*RECODING/CONSTRUCTING DEMO VARS.

*POVERTY.

recode hhinc (1=4999) (2=6250) (3=8750) (4=11250) (5=13750) (6=17500) (7=22500)

(8=27500) (9=32500) (10=37500) (11=45000) (12=55000) (13=67500) (14=80000) (15=92500)

(16=112500) (17=137500) (18=162500) (19=176000) into rhinc.

*EMPLOYMENT.

recode empstat (1 2=1) (3 4=2) (5 6 7=3) into empstat4.

variable labels empstat4 " RECODE of empstat".

value labels empstat4 1'employed' 2'looking or temp layoff' 3'not working, incl disabled'.

*ANY VISITS FOR HEALTH CARE IN LAST 6 MONTHS?.

count anyvisit=gynvisit to sickvis (1).

count missvis=gynvisit to sickvis (-1).

recode anyvisit (1 thru 5=1) (0=0).

variable labels anyvisit "Q41 RECODE. Make a visit for any of 5 reasons in last 6 months".

value labels anyvisit 1'yes' 0'no'.

missing values typedoc (-1).

missing values doctalk bcinfo (-1).

recode hourem (1 thru 19=1) (20 thru 34=2) (35 thru highest=3) (else=copy) into work4.

variable labels work4 "Q48 RECODE. Hours spent at work in prior week".

value labels work4 1'lt 20' 2'20-34' 3'35 or more'.

recode houred (1 thru highest=1) (else=copy) into inschool4.

variable label inschool4 "Q48 RECODE. Whether R was attending school last week ".

value labels inschool4 0'no' 1'yes' -1'missing'.

count nprobs=death to money (1).

variable labels nprobs "Q51 RECODE. Total N of problems experienced in last 6 months".

missing values stillp dating ndating avoid to feelpg misspill to depowhn pay4bc to pay4iud

nsexmo to nsexp howdual use6mos typeins sixins to sickvis nwithdraw to nsperm wantpg (-1).

recode hourem houred work4 inschool4 (-1=0) (else=copy).

add value labels hourem work4 0'includes 58 nonresponders'

/inschool4 houred 0'includes 188 nonresponders'.

*BEEN IN REL SIX MONTHS OR LONGER?.

compute breakup4=nobreak4.

recode breakup4 (1 3 4=0) (2=1).

variables labels breakup4 "RECODE q4: Broke up and got back together with P from prior survey".

recode monthsa to Q5a_Weeks_E2 (sysmis=0) (-1=0).

compute

moweeks=monthsa+monthsb+monthsc+monthsd1+monthse1+Q5a_Months_A+Q5a_Months_B+Q5a_Months_C+Q5a_Months_D1+Q5a_Months_E1.

compute moweeks=moweeks*4.33.

compute

weeks=weeksa+weeksb+weeksc+weeksd1+weekse1+Q5a_weeks_A+Q5a_weeks_B+Q5a_weeks_C+Q5a_weeks_D1+Q5a_weeks_E1.

compute months=(moweeks+weeks)/4.33.

variable labels months "RECODE Q5: How long been (back together) with current P".

compute months=rnd(months).

compute howlong4=-1.

if nobreak4=1 howlong4=6.

do if nobreak4 gt 1 and months gt 0.

compute howlong4=months.

end if.

recode howlong4 (6 thru highest=6) (else=copy).

missing values howlong4 (-1).

variable labels howlong4 "RECODE Q4 & Q5: How long been with P".

value labels howlong4 -1'not in rel, or missing data on relationship' 6'6 months or longer'.

*HOW HOW MANY OF LAST 6 MONTHS USED HORMONAL METHOD?.

compute timeuse=-1.

if (Q23A_pill=1 or Q23A_patch=1 or Q23A_ring=1 or Q23A_Depo=1 or Q23A_Implant=1 or Q23A_IUD=1) timeuse=0.

if Q23A_pill=2 or Q23A_patch=2 or Q23A_ring=2 or Q23A_Depo=2 or Q23A_Implant=2 or Q23A_IUD=2 timeuse=1.

if Q23A_pill=3 or Q23A_patch=3 or Q23A_ring=3 or Q23A_Depo=3 or Q23A_Implant=3 or Q23A_IUD=3 timeuse=2.

if Q23A_pill=4 or Q23A_patch=4 or Q23A_ring=4 or Q23A_Depo=4 or Q23A_Implant=4 or Q23A_IUD=4 timeuse=3.


```

if Q23A_pill=5 or Q23A_patch=5 or Q23A_ring=5 or Q23A_Depo=5 or Q23A_Implant=5 or
Q23A_IUD=5 timeuse=4.
if Q23A_pill=6 or Q23A_patch=6 or Q23A_ring=6 or Q23A_Depo=6 or Q23A_Implant=6 or
Q23A_IUD=6 timeuse=5.
if Q23A_pill=7 or Q23A_patch=7 or Q23A_ring=7 or Q23A_Depo=7 or Q23A_Implant=7 or
Q23A_IUD=7 timeuse=6.
if hormonal=8 or missing(hormonal) timeuse=99.
missing values timeuse (-1, 99).
value labels timeuse -1'missing' 99'not a user' 6'6 or more months'.
variable labels timeuse "RECODE Q23A: How many of last 6 months used hormonal method?".

```

***DIS/AGREEMENT ABOUT WANTING KIDS AND AVOIDING PREGNANCY.**

```

compute rpwant=-1.
if wantwp=pwants rpwant=1.
if wantwp ne pwants rpwant=0.
if wantwp=(pwants +1) or wantwp=(pwants -1) rpwant=1.
if wantwp=5 and pwants ne 5 rpwant=3.
if wantwp ne 5 and pwants =5 rpwant=3.

```

```

compute rpavoid=-1.
if avoid=pavoid rpavoid=1.
if avoid ne pavoid rpavoid=0.
if avoid=(pavoid+1) OR avoid=(pavoid-1) rpavoid=1.

```

```

missing values rpwant rpavoid (-1).
value labels rpwant rpavoid 0'disagree' 1'more or less agree' 3'unsure about one but not both'.
variable labels rpwant "Qs13 & 19 RECODE. R&P dis/agree about wanting kids"
/rpavoid "Qs 16 & 20 RECODE. R&P dis/agree about avoiding pregnancy".

```

*****.

***CONTRACEPTIVE CONSISTENCY ITEMS.**

*****.

***TUBALS.**

```

temp.
select if tubal4=1.
list vars=caseid age union preg4 intend hormonal withdrawr to spermr.
*T4 WOMEN LIKELY NOT TUBALS.
do if caseid=729 or caseid=1140 or caseid=1576 or caseid=2007 or caseid=2030 or caseid=2229
or caseid=4359.
recode tubal4 (1=0).
end if.
add value labels tubal4 0"indicated yes but likely not tubal".

```

***AMONG WOMEN WITH ONE PARTNER AND ONE BARRIER METHOD.**

count var10=withdraw vasectomy condom to sperm (1).
variable labels var10 "N of barrier methods used with 1st P among women with 1 P".

compute freqbar=-1.

*FOR WOMEN WHO ONLY USED 1 METHOD.

do if var10=1.

if withdraw=1 and nwithdraw=1 freqbar=1.

if withdraw=1 and nwithdraw gt 1 freqbar=3.

if condom=1 and ncondoms=1 freqbar=1.

if condom=1 and ncondoms gt 1 freqbar=3.

if nfp=1 and nnfp=1 freqbar=1.

if nfp=1 and nnfp gt 1 freqbar=3.

if sperm=1 and nsperm=1 freqbar=1.

if sperm=1 and nsperm gt 1 freqbar=3.

end if.

variable labels freqbar "Q26A RECODE Frequency of barrier method use with first/only P in last 30 days".

value labels freqbar 1'every time' 2'not sure' 3'not every time' 5'did not use a barrier method' 9'no sex in last 30 days' -1'missing info on method or sex'.

*FOR WOMEN WHO USED TWO METHODS.

*USED AT LEAST ONE EVERY TIME.

do if var10=2.

if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 or vasectomy=1 freqbar=1.

end if.

do if var10=2 and freqbar=-1 and condom=1 and withdraw=1.

if ncondoms=2 and nwithdraw=2 and howdual gt 1 freqbar=2.

if ncondoms=2 and nwithdraw=2 and howdual =1 freqbar=3.

if ncondoms=2 and nwithdraw=3 and howdual =2 freqbar=2.

if ncondoms=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.

if ncondoms=3 and nwithdraw=2 and howdual = 2 freqbar=2.

if ncondoms=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.

if ncondoms=3 and nwithdraw=4 freqbar=3.

if ncondoms=4 and nwithdraw=3 freqbar=3.

if ncondoms=4 and nwithdraw=4 freqbar=3.

if ncondoms=2 and nwithdraw=5 freqbar=3.

if ncondoms=5 and nwithdraw=2 freqbar=3.

if ncondoms=3 and nwithdraw=3 and howdual=2 freqbar=2.

if ncondoms=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.

if ncondoms=4 and nwithdraw=2 and howdual=2 freqbar=2.

if ncondoms=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.

if ncondoms=2 and nwithdraw=4 and howdual=2 freqbar=2.

if ncondoms=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.

if ncondoms=5 or nwithdraw=5 freqbar=3.

end if.
execute.

do if var10=2 and freqbar=-1 and nfp=1 and withdraw=1.
if nnfp=2 and nwithdraw=2 and howdual gt 1 freqbar=2.
if nnfp=2 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=3 and howdual =2 freqbar=2.
if nnfp=2 and nwithdraw=3 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=2 and howdual =2 freqbar=2.
if nnfp=3 and nwithdraw=2 and (howdual =1 or howdual=3) freqbar=3.
if nnfp=3 and nwithdraw=4 freqbar=3.
if nnfp=4 and nwithdraw=3 freqbar=3.
if nnfp=4 and nwithdraw=4 freqbar=3.
if nnfp=2 and nwithdraw=5 freqbar=3.
if nnfp=5 and nwithdraw=2 freqbar=3.
if nnfp=3 and nwithdraw=3 and howdual=2 freqbar=2.
if nnfp=3 and nwithdraw=3 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=4 and nwithdraw=2 and howdual=2 freqbar=2.
if nnfp=4 and nwithdraw=2 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=2 and nwithdraw=4 and howdual=2 freqbar=2.
if nnfp=2 and nwithdraw=4 and (howdual=1 or howdual=3) freqbar=3.
if nnfp=5 and nwithdraw=4 freqbar=3.
end if.

***USED CONDOMS AND NFP.**

do if var10=2 and freqbar=-1 and condom=1 and nfp=1.
if ncondoms=2 and nnfp=2 and howdual gt 1 freqbar=2.
if ncondoms=2 and nnfp=2 and howdual =1 freqbar=3.
if ncondoms=2 and nnfp=3 and howdual =2 freqbar=2.
if ncondoms=2 and nnfp=3 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=2 and howdual =2 freqbar=2.
if ncondoms=3 and nnfp=2 and (howdual =1 or howdual=3) freqbar=3.
if ncondoms=3 and nnfp=4 freqbar=3.
if ncondoms=4 and nnfp=3 freqbar=3.
if ncondoms=4 and nnfp=4 freqbar=3.
if ncondoms=2 and nnfp=5 freqbar=3.
if ncondoms=5 and nnfp=2 freqbar=3.
if ncondoms=3 and nnfp=3 and howdual=2 freqbar=2.
if ncondoms=3 and nnfp=3 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=4 and nnfp=2 and howdual=2 freqbar=2.
if ncondoms=4 and nnfp=2 and (howdual=1 or howdual=3) freqbar=3.
if ncondoms=2 and nnfp=4 and howdual=2 freqbar=2.
if ncondoms=2 and nnfp=4 and (howdual=1 or howdual=3) freqbar=3.
end if.

***WITHDRAW AND SPERM.**

```
do if var10=2 AND freqbar=-1 and sperm=1.  
if howdual=1 freqbar=3.  
if nwithdraw=2 and nsperm=4 and howdual=2 freqbar=2.  
if nwithdraw=4 and nsperm=2 and howdual=2 freqbar=2.  
if nnfp=3 and nsperm=3 and howdual=2 freqbar=2.  
if nwithdraw=4 and nsperm=4 and howdual=2 freqbar=3.  
if ncondoms=3 and nsperm=4 and howdual=2 freqbar=3.  
end if.  
execute.
```

```
TEMPORARY.  
SELECT IF var10=2 and freqbar=-1.  
list vars=withdraw nwithdraw nfp nnfp howdual.
```

```
do if var10=2 and freqbar=-1.  
compute freqbar=3.  
end if.
```

```
temp.  
select if var10=2 and freqbar=-1.  
list vars=hormonal nwithdraw to nsperm howdual.
```

```
do if var10=3.  
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=2.  
end if.  
temp.  
select if var10=3 and freqbar=-1..  
list vars=caseid hormonal nwithdraw to nsperm howdual.
```

```
do if (var10=3) and freqbar=-1.  
compute freqbar =1.  
end if.  
execute.
```

***VAR CODED BASED ON CASE-BY-CASE EXAMINATION OF DATA**

```
if caseid=3761 freqbar=3.
```

```
if snipr=1 freqbar=1.
```

***CONSISTENCY OF USE WITH FIRST P AMONG THOSE THAT REPORTED TWO.
*FIRST P AMONG WOMEN WITH TWO PARTNER AND ONE BARRIER METHOD.
count var11= sp1wd sp1cond to sp1sperm (1).

*FOR WOMEN WHO ONLY USED 1 METHOD.

```
do if var11=1.  
if sp1wd=1 and nwithdraw=1 freqbar=1.
```

```

if sp1wd=1 and nwithdraw gt 1 freqbar=3.
if sp1cond=1 and ncondoms=1 freqbar=1.
if sp1cond=1 and ncondoms gt 1 freqbar=3.
if sp1nfp=1 and nnfp=1 freqbar=1.
if sp1nfp=1 and nnfp gt 1 freqbar=3.
if sp1sperm=1 and nsperm=1 freqbar=1.
if sp1sperm=1 and nsperm gt 1 freqbar=3.
end if.

```

```

**CODING THOSE WHO USED ONE AT LEAST EVERY TIME .
do if var11=2.
if nwithdraw=1 or ncondoms=1 or nnfp=1 or nsperm=1 freqbar=1.
end if.

```

```

*FOR WOMEN WHO USED TWO METHODS.
do if var11 gt 0 AND freqbar=-1.
compute freqbar=1.
end if.
if caseid=966 or caseid=6044 freqbar=3.

```

```

if sp1vas=1 freqbar=1.

```

```

if freqbar=-1 and sp1none=1 freqbar=5.
execute.
temp.
select if var11 gt 0 and freqbar=-1.
list vars=nwithdraw to nsperm.

```

```

***CONSISTENCY OF USE WITH SECOND P AMONG THOSE THAT REPORTED TWO.
*SECOND P AMONG WOMEN WITH TWO PARTNER (n=24) AND ONE BARRIER
METHOD.
count var12= sp2wd to sp2sperm (1).

```

```

compute freqbarb=-1.
variable labels freqbarb "Q26A RECODE Frequency of barrier method use with SECOND P in
last 30 days".
value labels freqbarb 1'every time' 2'not sure' 3'not every time' 5'never, did not use barrier
method'.

```

```

*FOR WOMEN WHO ONLY USED 1 METHOD .
do if var12=1.
if sp2wd=1 and nwithdrawr=1 freqbarb=1.
if sp2wd=1 and nwithdrawr gt 1 freqbarb=3.
if sp2cond=1 and ncondoms4=1 freqbarb=1.
if sp2cond=1 and ncondoms4 gt 1 freqbarb=3.

```

```
if sp2nfp=1 and nnfpr=1 freqbarb=1.
if sp2nfp=1 and nnfpr gt 1 freqbarb=3.
if sp2sperm=1 and nspermr=1 freqbarb=1.
if sp2sperm=1 and nspermr gt 1 freqbarb=3.
end if.
```

```
do if var12=2.
compute freqbarb=1.
end if.
TEMPORARY.
select if var12 gt 0 and missing(freqbarb).
list vars=sp2wd nwithdrawr nspermr ncondoms4.
```

```
if sp2vas=1 freqbarb=1.
if freqbarb=-1 and sp2none=1 freqbarb=5.
if freqbar=-1 and nobarrier=1 freqbar=5.
```

```
if sexmo=2 freqbar=9.
missing values freqbar freqbarb (-1, 9).
recode freqbar (sysmis=-1).
freq var freqbar.
```

```
count varz=withdrawr to spermr (1).
```

****MEASURING CONSISTENCY OF HORMONAL METHOD USE.**

***WOMEN SKIPPED HORMONAL METHOD ITEM BUT LATER INDICATED BARRIER METHOD. CODING TO BE NONUSER.**

```
compute missed=-1.
if pill=1 and misspill=0 missed=0.
if patch=1 and patchon=0 missed=0.
if ring=1 and (ringon=1 or ringon=4) missed=0.
if depo=1 and (depowhn=1 or depowhn=3 or depowhn=4) missed=0.
if iud=1 missed=0.
if implant=1 missed=0.
```

```
if pill=1 and misspill ge 1 missed=1.
if patch=1 and patchon ge 1 missed=1.
if ring=1 and (ringon =2 or ringon=3) missed=1.
if depo=1 and depowhn=2 missed=1.
```

```
temp.
select if hormonal=7.
list vars=caseid pill to iud howdual varz missed.
if hormonal=7 missed=0.
```

*ALT MEASURE OF MISSED THAT COUNTS THOSE WHO ONLY MISSED ONE PILL AS CONSISTENT USERS. ALSO MORE LENIENT WITH

*PATCH AND RING USERS.

compute missedb=missed.

if misspill=1 missedb=0.

if patchon=2 missedb=0.

if ringon=3 missedb=0.

if hormonal=8 missed=9.

if hormonal=8 missedb=9.

missing values missed missedb (-1, 9).

variable labels missed "Q23C RECODE. Whether R was imperfect user of hormonal method".

variable labels missedb "Q23C RECODE. R was imperfect user of hormonal method, lenient version".

value labels missed missedb 0'no' 1'yes' -1'skipped/missing' 9'not a user'.

*COMBINING INFO FROM BARRIER AND HORMONAL CONSISTENCY MEASURES.

compute consistent=-1.

if missed=0 consistent=1.

if missed=1 consistent=0.

if freqbar=1 consistent=1.

if consistent=-1 and freqbar =2 consistent=.5.

if consistent=-1 and freqbar gt 2 consistent=0.

*WOMEN WITH TWO PARTNERS.

do if nsexp gt 1 and hormonal =8.

if freqbar=1 and freqbarb=1 consistent=1.

if freqbarb gt 1 consistent=0.

end if.

do if nsexp gt 1 and missed=1.

if freqbar=1 and freqbarb=1 consistent=1.

if freqbarb gt 1 consistent=0.

end if.

if tubal4=1 or vasectomy=1 consistent=1.

if consistent=-1 and sexmo=2 consistent=9.

**ALT MEASURE OF PROTECTION AGAINST UNINTENDED PREGNANCY.

compute protect=-1.

if missedb=0 protect=1.

if missedb=1 protect=0.

if freqbar=1 or freqbar=2 protect=1.

if protect=-1 and freqbar gt 2 protect=0.

*WOMEN WITH TWO PARTNERS.

do if nsexp gt 1 and hormonal=8.

if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.

if freqbarb gt 1 protect=0.

end if.

```
do if nsexp gt 1 and missedb=1.  
if (freqbar=1 or freqbar=2) and freqbarb=1 protect=1.  
if freqbarb gt 1 protect=0.  
end if.  
if tubal4=1 or vasectomy=1 protect=1.  
if protect=-1 and sexmo=2 protect=9.  
execute.
```

***WOMEN WHO MISSED HORMONAL METHOD AND USED A BARRIER.**

```
do if hormonal=1 and protect=0 and varz gt 0.  
if misspill lt 5 protect=1.  
end if.  
if tubal4=1 protect=1.  
freq var protect.
```

VARIABLE labels consistent "Qs 23C & 26A RECODE. Perfect user of hormonal and barrier methods in last 30 days" protect "Qs 23C & 26A RECODE. Protected against pregnancy in the last 30 days".

value labels consistent protect 1'yes' .5'could be im/perfect' 0'no' -1'missing' 9'no sex in last 30 days'.

missing values consistent protect (-1).

recode consistent (.5=1) (else=copy).

***Rs SATISFACTION WITH BARRIER METHODS.**

```
missing values rsat1 to rsat2 (-1).  
count var16=withdrawr to spermr (1).  
recode rsat1 to rsat2 (sysmis=0).  
compute rsatis=-1.  
do if var16=1.  
compute rsatis=sum(rsat1 to rsat2).  
end if.
```

***1 P, 2 METHODS.**

```
do if var16=2.  
compute rsatis=rnd(sum(rsat1 to rsat2)/2).  
end if.
```

***1 P, 3 METHODS.**

```
do if var16=3.  
compute rsatis=rnd(sum(rsat1 to rsat2)/3).  
end if.
```

***1 P, 4 METHODS.**

```
do if var16=4.
```



```
compute rsatis=rnd(sum(rsat1 to rsat2)/4).
end if.
```

```
recode rsatis (0=-1) (else=copy).
if var16=0 rsatis=9.
missing values rsatis (-1, 9).
variable labels rsatis 'Q27 RECODE. Rs satisfaction with barrier methods'.
value labels rsatis 1'very satisfied' 2'somewhat satisfied' 3'somewhat dissatisfied' 4'very
dissatisfied' 9'did not use barrier method' -1'missing'.
```

***PAY FOR CP EACH MONTH.**

```
compute paycp=-1.
if pay4bc=0 or pay4pat=0 or pay4ring=0 or pay4depo=0 or pay4impl=0 or pay4iud=0 paycp=1.
```

```
if pay4bc gt 0 and pay4bc le 10 paycp=2.
if pay4pat gt 0 and pay4pat le 10 paycp=2.
if pay4ring gt 0 and pay4ring le 10 paycp=2.
if pay4depo gt 0 and pay4depo le 10 paycp=2.
if pay4impl gt 0 and pay4impl le 10 paycp=2.
if pay4iud gt 0 and pay4iud le 10 paycp=2.
```

```
if pay4bc gt 10 and pay4bc le 25 paycp=3.
if pay4pat gt 10 and pay4pat le 25 paycp=3.
if pay4ring gt 10 and pay4ring le 25 paycp=3.
if pay4depo gt 10 and pay4depo le 25 paycp=3.
if pay4impl gt 10 and pay4impl le 25 paycp=3.
if pay4iud gt 10 and pay4iud le 25 paycp=3.
freq var paycp.
```

```
if pay4bc gt 25 or pay4pat gt 25 or pay4ring gt 25 or pay4depo gt 25 or pay4impl gt 25 or
pay4iud gt 25 paycp=4.
```

```
variable labels paycp "Q23E RECODE. How much pay for hormonal method each month".
value labels paycp 1'nothing' 2'$10 or less' 3'$11-$25' 4'>$25' 9'does not use hormonal methods' -
1'no info on hormonal cost or cont IUD or implant user'.
if hormonal=8 paycp=9.
missing values paycp (-1, 9).
```

***POTENTIAL BREASTFEEDING (CURRENT IN BASELINE).**

```
compute birth3mo=0.
if preg4=3 and (bornmo4=3 or bornmo4=4 or bornmo4=5 or bornmo4=6 ) birth3mo=1.
```

****constat AND cpuse.**

```
compute constat=-1.
if patch=1 constat=4.
if ring=1 constat=4.
```

```

if pill=1 const=2.
if depo=1 const=3.
if implant=1 const=1.
if iud=1 const=1.
if tubal4=1 or snipr=1 const=0.
do if const=-1.
if sexmo=1 const=8.
if birth3mo=1 const=97.
if nfpr=1 const=7.
if spermr=1 const=7.
if withdrawr=1 const=6.
if condomr=1 const=5.
if sexmo=2 const=98.
if preg4=4 const=97.
end if.
if intend=1 const=99.
execute.
value labels const 0'tubal or snip' 1'LARC' 2'pill' 3'depo' 4'patch or ring' 5'condoms'
6'withdrawal' 7'other barrier' 8'no method' 97'preg or postpartum' 98'no sex in last 30 days'
99'trying to get pregnant'.
missing values const (-1).

```

```

count var99=withdrawr to spermr (1).
compute cpuse=-1.
if sexmo=2 cpuse=9.
if hormonal lt 8 and var99=0 cpuse=1.
if hormonal=8 and var99 =1 cpuse=2.
if hormonal=8 and var99 gt 1 cpuse=3.
if hormonal lt 8 and var99 ge 1 cpuse=4.
if snipr=1 or tubal4=1 cpuse=0.
temp.
select if cpuse=-1.
cross tabs=hormonal by var99.
if cpuse=-1 and hormonal =8 and var99=0 cpuse=5.
execute.

```

```

missing values cpuse (-1, 9) .
value labels cpuse 0'tubal or snip' 1'hormonal only' 2'1 barrier' 3'multiple barrier only' 4'both
hormonal and barrier' 5'did not use' 9'no sex in last 30 (& no hormonal used)l'.
variable labels cpuse 'methods used n last 30 days, includes those not had sex'.

```

```

missing values preg4 marital4 (-1).

```

```

recode otroins (""="NA").
missing values otroins ("NA").

```

temp.
select if otroins ne "NA".
list vars=caseid state otroins.

***RECODING BASED ON OPEN-ENDED RESPONSES TO OTROINS**

if caseid=1771 or caseid=3305 or caseid=2532 or caseid=2305 or caseid=496 or caseid=3086 or
caseid=4046 or caseid=3027 or caseid=1447 or caseid=6770 or caseid=5206 or caseid=955 or
caseid=1136 or caseid=1714 or caseid=1956 typeins=1

if caseid=700 or caseid=1908 or caseid=3817 or caseid=2987 or caseid=304 or caseid=3172
typeins=2

if caseid=1929 or caseid=6618 or caseid=953 or caseid=6393 or caseid=4206 or caseid=5216
typeins=4.

***IF WENT TO PRIVATE DOC AND USED INS OR PAID OOP FOR WHC, aLOCATES**
do if missing(typeins).
if typedoc=1 and inspaid=1 typeins=1.
if typedoc=1 and paidoop=1 typeins=1.
end if.
if missing(typeins) and (reducfee=1 or freecare=1) typeins=4.

***GAP IN INSURANCE IN THE LAST 6 MONTHS.**
compute gapins=-1.
if typeins=4 gapins=1.
if typeins lt 4 gapins=0.
if gapins=0 and sixins=2 gapins=1.
missing values gapins(-1).
variable labels gapins "Q39 RECODE, did R have any gaps in insurance in last six months".
value labels gapins 1'yes' 0'no'.

***UNINSURED ALL OF LAST SIX MONTHS.**
compute unins=-1.
if typeins lt 4 unins=0.
if typeins =4 unins=1.
if anyins4=1 unins=0.
variable labels unins "Qs 38 and 39 RECODE. Whether R was WITHOUT health insurance all
of the last 6 mos".
value labels unins 1'yes' 0'no' -1'ins type missing' 98'missing info on last 6 mos'.
missing values unins (-1).

do if preg4=4.
compute intend=5.
end if.
add value labels intend 5'currently pregnant'.

*PROTECT IN LAST SIX MONTHS.

compute protectb=protect.

*BELOW ALLOWS WOMEN NOT USING CAUSE PREGNANT OR TRYING TO BE "PROTECTED" (FROM UP).

do if protectb=1.

if use6mos=2 protectb=0.

if use6mos=2 and wantpg=1 protectb=2.

end if.

if (hormonal=5 or hormonal=6) and timeuse ge 6 protectb=1.

variable labels protectb "RECODE Q35 + protect, measures whether R was protected in each of last six months".

value labels protectb 0"no" 1"yes" 2"unprotected but trying to get pg" 9"no sex and no method in last 30 days".

*PREG & POSTPARTUM WOMEN CODED TO "MISSING" ON PROTECT.

do if constat=97.

recode protect protectb consistent (0=-1).

end if.

do if constat=8 and missing(protect) and not missing(intend).

compute protect=0.

end if.