



### Recommended Survey Questions Measuring Unprotected Sex

1. In the past 3 months, have you used any of these methods of birth control? (yes/no responses)
  - a. Condom
  - b. Birth control pills
  - c. The shot (for example, Depo Provera)
  - d. The patch (for example, Ortho Evra)
  - e. The ring (for example, NuvaRing)
  - f. IUD (for example, Mirena, Skyla, or Paragard)
  - g. Implant (for example, Implanon or Nexplanon)
  - h. Other

**[IF RESPONDENT ANSWERS “YES” TO ANY OF 1A-1G]:**

2. In the past 3 months, how often have you used any method of birth control, including condoms, during vaginal intercourse?
  - a. All of the time
  - b. Most of the time
  - c. Some of the time
  - d. None of the time
  - e. Don't know

**[IF RESPONDENT ANSWERS “YES” TO 1A]:**

3. In the past 3 months, how often have you used condoms during vaginal intercourse?
  - a. All of the time
  - b. Most of the time
  - c. Some of the time
  - d. None of the time
  - e. Don't know

**[IF RESPONDENT ANSWERS “YES” TO ANY OF 1B-1G]:**

4. In the past 3 months, how often did you use at least one of the following methods when you had vaginal intercourse?
  - Birth control pills
  - The shot (for example, Depo Provera)
  - The patch (for example, Ortho Evra)
  - The ring (for example, NuvaRing)
  - IUD (for example, Mirena, Skyla, or Paragard)
  - Implant (for example, Implanon or Nexplanon)
  - a. All of the time
  - b. Most of the time
  - c. Some of the time
  - d. None of the time
  - e. Don't know



## Recoding to create binary measures of unprotected sex

### ***Sex without any method***

- Recode participants as “yes” on sex without any method if:
  - They are sexually active and answer “No” to all of Questions 1A-1G
  - They are sexually active and answer anything except “All of the time” to Question 2
- Recode participants as “no” on sex without any method if:
  - They are sexually active and answer “All of the time” to Question 2
  - They are not sexually active

### ***Sex without a condom***

- Recode participants as “yes” on sex without a condom if:
  - They are sexually active and answer “No” to Question 1A
  - They are sexually active and answer anything except “All of the time” to Question 3
- Recode participants as “no” on sex without a condom if:
  - They are sexually active and answer “All of the time” to Question 3
  - They are not sexually active

### ***Sex without a hormonal/LARC method***

- Recode participants as “yes” on sex without a hormonal/LARC method if:
  - They are sexually active and answer “No” to all of Questions 1B-1G
  - They are sexually active and answer anything except “All of the time” to Question 4
- Recode participants as “no” on sex without a hormonal/LARC method if:
  - They are sexually active and answer “All of the time” to Question 4
  - They are not sexually active