

Supplemental Information

RESPONSE OPTIONS FOR REASONS FOR REFUSAL TO PARTICIPATE IN THE STUDY (PARENT AND/OR ADOLESCENT)

- My child is too sick or I am too sick
- My child does not have time or I do not have time
- I do not think my child is interested or I am not interested
- I do not want to disrupt my child's visit with family or friends or I do not want to interrupt my visit with family or friends
- I do not want my child participating in any type of research or I do not want to participate in any type of research
- I do not want my child participating in research about reproductive health or I do not want to participate in research about reproductive health
- I am worried that my child's information would not be private or I am worried that my information would not be private
- Other reason (please describe)
- Prefer not to answer

SEXUAL HEALTH ASSESSMENT ITEMS

Let's get started! First, we want to know some information about you.

How old are you?

- 14 to 15 years old
- 16 to 18 years old

What grade are you in?

- Seventh grade
- Eighth grade
- Ninth grade
- 10th grade
- 11th grade
- 12th grade

- Freshman in college
- I am not in school and dropped out of school before finishing high school
- Other (with subsequent free-text option)

Which best describes you? (Check all that apply)

- White
- Black or African American
- Asian American
- Native Hawaiian or Pacific Islander
- American Indian or Alaskan native
- Hispanic
- Other (please describe your race and/or ethnicity)

Do you identify as

- Female
- Male
- Transgender: female to male
- Transgender: male to female
- Other (please describe how you identify)

Who are you attracted to?

- Girls only
- Boys only
- Both girls and boys
- Not sure

Who do you intend to have sex with in the future?

- Girls only
- Boys only
- Both girls and boys
- Not sure

What do you think the chances are that you will get HIV or AIDS in the future?

- No chance
- Small chance
- Somewhat of a chance

- High chance
- Very high chance

What do you think the chances are that you will get a STI (other than HIV) in the future?

- No chance
- Small chance
- Somewhat of a chance
- High chance
- Very high chance

What do you think the chances are that you will get pregnant (before you are ready) in the future?

- No chance
- Small chance
- Somewhat of a chance
- High chance
- Very high chance

The next questions are about what you know about reproductive health.

Teens learn about sexual health all sorts of ways. Please check all the places where you have learned about sexual health (this includes STIs, pregnancy, safe sex, and birth control).

- Friend(s)
- Sibling(s)
- Parent(s)
- School
- Doctor(s)
- Internet
- Other

People talk about a lot of different ways to prevent getting pregnant. Please check all the terms you have heard of.

- Abstinence (not having sex)
- Birth control pills
- Male condom
- Female condom

- IUD or intrauterine device (such as Mirena or Paragard)
- Birth control implant (such as implanon or Nexplanon)
- Birth control shot (such as Depo-Provera)
- Birth control patch (such as Ortho Evra)
- Birth control ring (such as NuvaRing)
- Plan B, the morning after pill, or emergency contraception
- Withdrawal or pulling out
- Diaphragm
- Contraceptive sponge

How many of your friends do you think have had sex?

- None
- A few
- Approximately half
- Most
- All

How many of your friends do you think use condoms when they have sex?

- None
- A few
- Approximately half
- Most
- All

Which of the following methods of birth control do you think girls your age use?

- Abstinence
- Birth control pills
- Male condom
- Female condom
- IUD or intrauterine device (such as Mirena or Paragard)
- Birth control implant (such as implanon or Nexplanon)
- Birth control shot (such as Depo-Provera)
- Birth control patch (such as Ortho Evra)
- Birth control ring (such as NuvaRing)

- Plan B, the morning after pill, or emergency contraception
- Withdrawal or pulling out
- Diaphragm
- Contraceptive sponge
- I don't think girls my age use anything to prevent pregnancy

The following questions ask about your experiences.

Have you ever had vaginal-penile sex (this means putting a penis in a vagina)? Yes or no

Of all the times you have vaginal sex, how often do you use condoms? For this question, we mean condoms on a penis.

- We always use condoms
- We use condoms more than half the time
- We use condoms half the time
- We use condoms less than half the time
- We never use condoms

Have you ever had oral sex (this means one person's mouth touching the penis or vagina of another person)? Yes or no

Of all the times you have oral sex, how often do you use condoms? For this question, we mean condoms on a penis.

- We always use condoms
- We use condoms more than half the time
- We use condoms half the time
- We use condoms less than half the time
- We never use condoms

Have you ever had anal sex (this means putting a penis in another person's anus [butt])? Yes or no

Of all the times you have anal sex, how often do you use condoms? For this question, we mean condoms on a penis.

- We always use condoms
- We use condoms more than half the time
- We use condoms half the time
- We use condoms less than half the time
- We never use condoms

Thinking about the future, do you intend to use condoms every time you have vaginal sex?

- Yes, I intend to start always using condoms soon (within the next 30 days) (preparation)
- Yes, I intend to start always using condoms fairly soon (within the next 6 months) (contemplation)
- No, I do not intend to use condoms every time I have sex (precontemplation)

During your life, with how many people have you had sex (including vaginal, anal, or oral)

- 1 person
- 2 people
- 3 people
- 4 people
- 5 people
- 6 or more people

Have you ever been asked to have sexual contact in exchange for anything? Yes or no

Have you ever used alcohol or drugs before you had sex? Yes, no, or not sure

Do you think you will have vaginal sex with a male partner fairly soon (in the next 6 months)? Yes or no

Do you think you will have vaginal sex with a male partner soon (in the next 30 days)? Yes or no

Think about when you may start having vaginal sex. Do you intend to use condoms every time?

- When I start having sex, I intend to use condoms every time (preparation)
- When I start having sex, I do not intend to use condoms every time (precontemplation)

The last time you had vaginal sex, what method(s) did you or your partner use to prevent pregnancy? Select all responses that apply.

- No method was used to prevent pregnancy
- Birth control pills
- Condoms
- An IUD (such as Mirena or Paragard) or implant (such as implanon or Nexplanon)
- A shot (such as Depo-Provera), patch (such as Ortho Evra), or birth control ring (such as NuvaRing)
- Plan B, the morning after pill, or emergency contraception
- Withdrawal
- Not sure
- Other (What other method to prevent pregnancy did you use?)

Think about when you may start having vaginal sex. Do you intend to use birth control every time?

- When I start having sex, I intend to use birth control every time (preparation)
- When I start having sex, I do not intend to use birth control every time (precontemplation)

Effective birth control methods include birth control pills, patches, or rings; Depo-Provera shots; or longer-term options such as intrauterine devices or Nexplanon implants. When you have vaginal sex, do you use an effective birth control method?

- Yes, I use birth control every time I have sex (action and/or maintenance)

- No, but I intend to start using birth control soon (within the next 30 days) (preparation)
- No, but I intend to start using birth control fairly soon (within the next 6 months) (contemplation)
- No, I do not intend to use birth control every time I have sex (precontemplation)

Have you ever been tested for HIV (usually by blood test or mouth swab)?
Yes, no, or not sure

Have you ever been tested for STIs other than HIV? STIs are usually tested by urine test or genital swab. Yes, no, or not sure

Do you intend to continue to get tested for STIs at least once a year in the future?

- No, I do not intend to get tested for STIs again (precontemplation)
- Yes, I intend to continue to get tested for STIs (preparation)
- No, I do not intend on ever having any form of sexual contact again and do not intend on getting tested for STIs (no sex in the future)

Do you intend to get tested for STIs at least once a year in the future?

- No, I do not intend to get tested for STIs (precontemplation)
- Yes, I intend to start getting tested for STIs in the next 6 months (contemplation)
- Yes, I intend to start getting tested for STIs in the next 30 days (preparation)
- No, I do not intend on having any form of sexual contact and do not intend on getting tested for STIs (no sex in the future)

If you have sexual contact with boys or girls in the future, do you intend to get tested for STIs at least once a year?

- No, I do not intend to get tested for STIs if I start having sex (precontemplation)
- Yes, I intend to start getting tested for STIs if I start having sex (preparation)
- No, I do not intend on ever having any form of sexual contact and do not intend on getting tested for STIs (no sex in the future)

THE THEORY-BASED TAILORED FEEDBACK

After the sexual health assessment, the AF version provided personalized, stage-matched feedback based on participants' responses. Messages depend on stage of change: precontemplative, contemplative, planning, active, and maintenance. Specific areas of feedback address condom use, contraception use, and STI testing.

Examples of condom use feedback by stage of change:

- If precontemplative: "When having sex without a condom, you put yourself at risk for infections that can make you very sick and can even cause infertility (trouble getting pregnant) in the future..."
- If contemplative: "It is great that you are thinking about condom use. One barrier to using condoms is not being prepared. A way you can get around this is to buy condoms ahead of time, before you need them..."
- If planning: "One way to stay safe is to always have a condom with you; think about a place that you can keep it with you. Here are some tips on talking to your partner..."
- If active: "It is great that you are using condoms pretty consistently; it is always good to review how to use them correctly. Hold the tip and roll down onto the penis; never reuse a condom."

- If maintenance: “It is great that you have been using condoms so regularly! Continue to make sure you have condoms accessible if you think you may have sex...”

Examples of contraception feedback by stage of change:

- If precontemplative: “You’re not intending to use birth control all the time. Do you know what’s getting in your way? Are you too embarrassed to talk about birth control? Do you know where to get it...?”
- If contemplative: “Sometimes teens think about the drawbacks of using birth control. Do you? If you worry that you won’t be able to remember to use birth control ‘in the moment’ or have trouble remembering to take a pill daily, consider 1 of the many long-term birth control options...”
- If planning: “You’re intending to start using birth control all the time. The first step is to figure out what type of

birth control is best for you. ...Here are a few of the options. ...It also helps to write down your commitment to use the birth control you chose...”

- If active: “You’re intending to use birth control all the time. This is a good place to be. There are many types of birth control. Here are a few of the options. ...Talk with your doctor or nurse to find the right fit...”
- If maintenance: “You use birth control all the time; that’s great to hear! You’re taking control and protecting yourself from getting pregnant. Sometimes it can be tempting to slip and not use birth control. How can you deal with these tough situations...?”

Examples of STI screening feedback by stage of change:

- If precontemplative: “You’re not intending to get tested for STIs. What’s holding you back? It’s

recommended that teens who are sexually active get tested at least once a year. Lots of teens get tested...”

- If contemplative: “You intend to get tested for STIs in the next 6 months. That’s good news! ...So, what’s holding you back from getting tested now? Maybe you aren’t sure where to go to get tested...”
- If planning: “You’re ready to get tested for STIs in the next 30 days. That’s great news! Testing helps to keep both you and your partners safe. You could even get tested while you’re here or when you see your doctor for a follow-up appointment...”
- If active and/or maintenance: “You’re ready to get tested for STIs. That’s great news! Testing helps to keep both you and your partners safe. You could even get tested while you’re here or when you see your doctor for a follow-up appointment...”