

**Table C1. Sources Used in Design**

Acronym	Full Name of Source
Add Health	National Longitudinal Study of Adolescent to Adult Health
Behar, Chaves, Gattamorta	Behar-Zusman, V., Chavez, J.V. & Gattamorta, K. (In Preparation), Developing a Measure of the Impact of COVID-19 Social Distancing on Household Conflict and Cohesion.
Huebner & Howell	Examining the Relationship Between Adolescent Sexual Risk-Taking and Perceptions of Monitoring, Communication, and Parenting Styles
MPC	Survey instrument used in the Federal Evaluation of Making Proud Choices!; Source: Available upon request from Mathematica
NHES	National Household Education Survey
NPR	Sex Education in America General Public/Parents Survey; National Public Radio/Kaiser Family Foundation/Kennedy School of Government
NSFG	National Survey of Family Growth
NSAP	National Survey of Adolescents and Parents
PPA	Survey instrument used in the Evaluation of Adolescent Pregnancy Prevention Approaches; Source: Available upon request from Mathematica
PREP	Survey instrument used in the Personal Responsibility Education Program Evaluation Performance Measures; Source: Available upon request from Mathematica
SexSmart	SexSmart Virginity and First Time Toplines, Kaiser Family Foundation
YRBS	Youth Risk Behaviors Survey, Center's for Disease Control
YARH	Evaluation of Youth at Risk of Homelessness Evaluation (YARH); Source: Available upon request from Mathematica

Note: The survey instruments do not contain items from all sources reviewed during the design phase.

**Table C2. Item by Item Source List**

Item Number	Item Wording	Source
A1	Were you enrolled in high school during the 2020-2021 school year? If you are homeschooled instead of attending a public or private school for some or all classes, please select "yes."	New
A2	Did you receive a high school diploma or high school equivalency certificate (such as a GED or HiSET) prior to the 2020-2021 school year?	NSFG
A3	Is your school on summer break?	New

Appendix C: Item by Item Source Crosswalk

Item Number	Item Wording	Source
A4	<p>What type of school [IF A3=0: are you currently enrolled in/ IF A3=1 were you enrolled in for most of the 2020-2021 school year]?</p> <p>Please only select “homeschool” if that is the school you are normally enrolled in, regardless of the pandemic. This should not include taking classes remotely at home because of COVID 19.</p>	NHES
A5	<p>What grade [are you currently in/were you in during the 2020-2021 school year]?</p> <p>If school is ungraded or homeschool, please provide the grade equivalent.</p>	New
A6	<p>Due to the COVID-19 pandemic, schools have operated differently during the 2020-2021 school year.</p> <p>Please select all of the ways you [attended/have attended] school during the 2020-2021 school year.</p>	New
A7	<p>Which of the following best describes how you attended school for most of the school year?</p>	New
B1a	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>School work or grades</b></p>	New
B1b	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>Shows or videos you watched on TV or online</b></p>	New
B1c	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>Video games or games you play on your phone</b></p>	New
B1d	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>Your social media or internet use</b></p>	New
B1e	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>What you did with your friends</b></p>	New
B1f	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>Who you were dating</b></p>	New
B1g	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>Your education and career goals</b></p>	New
B1h	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>Resisting pressure and risks related to alcohol, tobacco, vaping products, and other drugs</b></p>	New
B1i	<p>Have you ever discussed the following with your parent(s)?</p> <p><b>What makes a healthy relationship or marriage</b></p>	New

Appendix C: Item by Item Source Crosswalk

Item Number	Item Wording	Source
B1j	Have you ever discussed the following with your parent(s)? <b>How to resist pressure to have sex as a teen</b>	New
B1k	Have you ever discussed the following with your parent(s)? <b>Understanding reproduction, pregnancy, and birth</b>	New
B1l	Have you ever discussed the following with your parent(s)? <b>How to get birth control such as condoms, pills, the patch, the shot, the ring, IUD, or an implant</b>	New
B1m	Have you ever discussed the following with your parent(s)? <b>Sexually transmitted diseases (STDs) or infections (STIs)</b>	New
B1n	Have you ever discussed the following with your parent(s)? <b>Reasons for waiting to have sex</b>	New
B1o	Have you ever discussed the following with your parent(s)? <b>How to talk to your partner about whether to have sex</b>	New
B1p	Have you ever discussed the following with your parent(s)? <b>Sexual violence, assault, stalking, and harassment</b>	New
B1q	Have you ever discussed the following with your parent(s)? <b>How you are feeling</b>	New
B1r	Have you ever discussed the following with your parent(s)? <b>COVID-19 safety precautions</b>	New
B2	Since the COVID-19 pandemic, would you say that you discussed [FILL FOR EACH B1a-r=1; EXCLUDE B1s=1] with your parent(s) or guardian(s)...	New
B3	Due to the COVID-19 pandemic, has your in-person communication with your parent(s) or guardian(s)...	New
B4	Compared to before the most restrictive phase of the COVID-19 pandemic, were there more conflicts between you and your parents about:	Behar, Chavez, Gattamorta
B5a	How often do your parents know <b>where you are when you are away from home in your free time?</b>	Huebner & Howell
B5b	How often do your parents know <b>who you are with when you are away from home in your free time?</b>	Huebner & Howell
B5c	How often do your parents know <b>what you watch on television or online?</b>	Huebner & Howell
B5d	How often do your parents know <b>what you are posting on social media such as Instagram, Facebook, Twitter, Snapchat, or TikTok?</b>	Huebner & Howell

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Item Number	Item Wording	Source
B5e	How often do your parents know <b>who you are messaging with on social media such as Instagram, Facebook, Twitter, Snapchat, or TikTok?</b>	Huebner & Howell
B6	In general, how close do you feel to your parent(s)?	NSAP
B7	Compared to before the COVID-19 pandemic began, would you say you feel...	New
C1	Have you ever had a class or series of classes in middle school or high school that taught any of the following topics? Sometimes these classes are referred to as sex education.	New
C2	Now please think about the [current,] 2020-2021, school year. Did you have any classes or series of classes that taught sex education during [this/the most recent] school year?	New
C3	Were the classes or series of classes that taught sex education during this school year the first time you have ever had any type of sex education?	New
C4	What other grades did you receive sex education in?	New
C5	Did your parents or guardians have to provide permission for you to participate in sex education this year?	New
C6	Who led or taught the sex education class or classes during this school year?	New
C7	How was your sex education class taught this year?	New
C8	Which of the following teaching methods were used in your sex education classes, sessions, or programs this year?	New
C9a	Did any of the sex education classes you took in school discuss the following topics? <b>Education about forms of birth control, such as condoms, birth control pills, the patch, the shot, the ring, IUD, or an implant</b>	New
C9a	Did the sex education classes you had in school this year discuss the following topics? <b>Effectiveness of birth control for preventing pregnancy and HIV/AIDS and other STDs or STIs</b>	New
C9b	Did the sex education classes you had in school this year discuss the following topics? <b>Where or how to get birth control</b>	New
C9c	Did the sex education classes you had in school this year discuss the following topics? <b>How to use a condom</b>	New

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Item Number	Item Wording	Source
C9d	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>How to use other methods of birth control</b></p>	New
C9e	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>Reproductive biology and anatomy (including information about sex organs and the menstrual cycle or period)</b></p>	New
C9f	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>How pregnancy occurs</b></p>	New
C9g	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>How to avoid getting HIV/AIDS and other STDs or STIs</b></p>	New
C9h	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>Developing healthy relationships (dating and marriage)</b></p>	New
C9i	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>Developing communication skills</b></p>	New
C9j	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>Waiting to have sex until marriage</b></p>	New
C9k	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>How to talk to your partner about sex and using birth control</b></p>	New
C9l	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>How to talk to your parents about sex</b></p>	New
C9m	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>How alcohol or drugs might affect decisions about having sex</b></p>	New
C9n	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>Setting goals and making plans for your future</b></p>	New
C9o	<p>Did the sex education classes you had in school this year discuss the following topics?</p> <p><b>The importance of consent (both partners agreeing) before engaging in sex</b></p>	New

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Item Number	Item Wording	Source
C9p	Did the sex education classes you had in school this year discuss the following topics? <b>The laws regarding consent in my state</b>	New
C9q	Did the sex education classes you had in school this year discuss the following topics? <b>Laws around sharing information online or through text messages</b>	New
C9r	Did the sex education classes you had in school this year discuss the following topics? <b>Diverse gender identities and sexual orientations</b>	New
C9s	Did the sex education classes you had in school this year discuss the following topics? <b>The risks of engaging in sexual activities online or virtually</b>	New
C9t	Did the sex education classes you had in school this year discuss the following topics? <b>How COVID-19 has impacted romantic relationships</b>	New
C9u	Did the sex education classes you had in school this year discuss the following topics? <b>Coping strategies for handling the stresses of the COVID-19 pandemic</b>	New
C9v	Did any of the sex education classes you took in school discuss the following topics? <b>Another topic</b>	New
C10	How much do you agree or disagree with the following statement? The sex education I had this year made me more comfortable talking with my parents or another trusted adult about sex	New
C11	How much do you agree or disagree with the following statement? The sex education I had this year prepared me to make healthy decisions about sex.	Sex Smart
C12	Overall, how satisfied were you with the sex education you received during this school year?	New
C13a	Even if you didn't attend all of the sessions or classes in your sex education program, how often during your sex education class or classes [FILL A-E]... did you feel interested in sessions and classes?	PREP Performance Measures
C13b	Even if you didn't attend all of the sessions or classes in your sex education program, how often during your sex education class or classes [FILL A-E]... did you feel the material presented was clear?	PREP Performance Measures

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Item Number	Item Wording	Source
C13c	Even if you didn't attend all of the sessions or classes in your sex education program, how often during your sex education class or classes [FILL A-E]... did discussions or activities help you to learn program lessons?	PREP Performance Measures
C13d	Even if you didn't attend all of the sessions or classes in your sex education program, how often during your sex education class or classes [FILL A-E]... did you have a chance to ask questions about topics or issues that came up in the program?	PREP Performance Measures
C13e	Even if you didn't attend all of the sessions or classes in your sex education program, how often during your sex education class or classes [FILL A-E]... did you feel respected as a person?	PREP Performance Measures
C14	What could be improved about the sex education you received this year?	New
C15	Do you think the reason you did not receive sex education class or classes this past year was due to the COVID-19 pandemic? For example, if a health class or other elective where sex education topics are usually covered was not offered this year due to the pandemic.	New
C16a	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Effectiveness of birth control for preventing pregnancy and HIV/AIDS and other STDs or STIs</b>	New
C16b	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Where or how to get birth control</b>	New
C16c	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How to use a condom</b>	New
C16d	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How to use other methods of birth control</b>	New
C16e	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Reproductive biology and anatomy (including information about sex organs and the menstrual cycle or period)</b>	New
C16f	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How pregnancy occurs</b>	New

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Item Number	Item Wording	Source
C16g	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How to avoid getting HIV/AIDS and other STDs or STIs</b>	New
C16h	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Developing healthy relationships (dating and marriage)</b>	New
C16i	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Developing communication skills</b>	New
C16j	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Waiting to have sex until marriage</b>	New
C16k	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How to talk to your partner about sex and using birth control</b>	New
C16l	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How to talk to your parents about sex</b>	New
C16m	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How alcohol or drugs might affect decisions about having sex</b>	New
C16n	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Setting goals and making plans for your future</b>	New
C16o	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>The importance of consent (both partners agreeing) before engaging in sex</b>	New
C16p	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>The laws regarding consent in my state</b>	New
C16q	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Laws around sharing information online or through text messages</b>	New
C16r	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Diverse gender identities and sexual orientations</b>	New



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Item Number	Item Wording	Source
C16s	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>The risks of engaging in sexual activities online or virtually</b>	New
C16t	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>How COVID-19 has impacted romantic relationships</b>	New
C16u	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Coping strategies for handling the stresses of the COVID-19 pandemic</b>	New
C16v	What topics do you think will be the most important for people your age to learn about in sex education in the next year? <b>Another topic</b>	New
D1	Have you ever had sex? (this includes vaginal, oral, or anal sex)?	PPA
D2	For the first questions we want you to think about the time in your life prior to March 2020, over a year ago, before the pandemic began in the United States. Did you ever have oral, vaginal or anal sex before March 2020?	New
D3	Now we want you to think about the time during the most restrictive phases of the COVID-19 pandemic between March 2020-March 2021, where things such as social distancing and quarantine were in effect. Did you have oral sex, vaginal sex, or anal sex since between March 2020-March 2021?	New
D4	People have different reasons for not having sex. Which of the following is true for you?	New
D5a	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>My family's values or religious beliefs</b>	New
D5b	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>My own personal values or religious beliefs</b>	SexSmart
D5c	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>Because I want to wait until I am in a long-term relationship</b>	New

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Item Number	Item Wording	Source
D5d	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>Because I want to wait until marriage</b>	New
D5e	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to be judged negatively by my peers</b>	SexSmart
D5f	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I feel I am too young to have sex</b>	SexSmart
D5g	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I feel that sex gets in the way of achieving the goals I have for myself</b>	New
D5h	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to get pregnant or get my partner pregnant</b>	SexSmart
D5i	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to get a STD or STI</b>	SexSmart
D5j	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I'm in a relationship, but we are not ready</b>	New
D5k	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I haven't found the right person</b>	MPC
D5l	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I didn't like sex</b>	New
D5m	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I wish I had waited longer to have sex</b>	New

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Item Number	Item Wording	Source
D5n	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to get COVID-19</b>	New
D5o	How important to you is each of the following reasons why you have not had sex in the last 6 months? <b>Other reason</b>	New
D6	Is the reason you did not have the chance to have sex because of COVID-19 related restrictions such as quarantine or social distancing?	New
D7	During the most restrictive phases of the COVID-19 pandemic between March 2020-March 2021, how many sexual partners did you have?	New
D8	During the most restrictive phases of the COVID-19 pandemic between March 2020-March 2021, how often did you use a condom when you had sex?	New
D9	Below are some reasons people may not use condoms. What are the reasons that you or your partner did not use condoms when having sex during the most restrictive phases of the COVID-19 pandemic between March 2020-March 2021?	NSFG
D10	During the most restrictive phases of the COVID-19 pandemic between March 2020-March 2021, how often did you or your partner use birth control, not including condoms when you had sex?	New
D11	During the most restrictive phases of the COVID-19 pandemic between March 2020-March 2021, how easy or difficult has it been for you or your partner to access birth control, other than condoms?	New
D12	Now we want you to think about the past 3 months. In the past 3 months, that is since [MONTH YEAR 3 months ago] have you had sex? By sex we mean oral sex, vaginal sex, or anal sex.	PPA
D13	People have different reasons for not having sex. Which of the following is true for you	New
D14a	How important to you is each of the following reasons for not having sex in the past 3 months? <b>My family's values or religious beliefs</b>	New
D14b	How important to you is each of the following reasons for not having sex in the past 3 months? <b>My own personal values or religious beliefs</b>	SexSmart

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Item Number	Item Wording	Source
D14c	How important to you is each of the following reasons for not having sex in the past 3 months? <b>Because I want to wait until I am in a long-term relationship</b>	New
D14d	How important to you is each of the following reasons for not having sex in the past 3 months? <b>Because I want to wait until marriage</b>	New
D14e	How important to you is each of the following reasons for not having sex in the past 3 months? <b>I don't want to be judged negatively by my peers</b>	SexSmart
D14f	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I feel I am too young to have sex</b>	SexSmart
D14g	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I feel that sex gets in the way of achieving the goals I have for myself</b>	New
D14h	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to get pregnant or get my partner pregnant</b>	SexSmart
D14i	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to get a STD or STI</b>	SexSmart
D14j	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I'm in a relationship, but we are not ready</b>	New
D14k	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I haven't found the right person</b>	MPC
D14l	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I didn't like sex</b>	New

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Item Number	Item Wording	Source
D14m	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I wish I had waited longer to have sex</b>	New
D14n	How important to you [is/was] each of the following reasons for not having sex [during the most restrictive phase of the pandemic]? <b>I don't want to get COVID-19</b>	New
D14o	How important to you is each of the following reasons why you have not had sex in the last 6 months? <b>Other reason</b>	New
D15	In the past 3 months, how many sexual partners did you have?	MPC
D16	In the past 3 months, how often did you use a condom when you had sex?	MPC
D17	Below are some reasons people may not use condoms. What are the reasons that you or your partner did not use condoms when having sex during past 3 months?	New
D18	In the past 3 months, how often did you or your partner use birth control, not including condoms when you had sex?	MPC
D19	In the past 3 months, how easy or difficult has it been for you or your partner to access birth control, other than condoms?	New
D20	Since the COVID-19 pandemic began, have you sexted with someone?	MPC
D21	Since the COVID-19 pandemic began, would you say you have sexted...	New
D22	Since the COVID-19 pandemic began, have you watched pornographic videos?	New
D23	Since the COVID-19 pandemic began, would you say you have watched pornographic videos...	New
E1	How old are you?	YRBS
E2	Are you of Hispanic, Latinx, or Chicano origin?	New
E3	What is your race?	OMB
E4	What sex were you assigned at birth?	OMB
E5	Which of the following best describes how you think of yourself?	YAHR
E6	People are different in their sexual attraction to other people. Which best describes your feelings?	MPC
E7	In which state do you live?	New

Note: Most questions are adapted from the source.

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