

**National Survey on Drug Use and Health:
DSM-5 Cognitive Testing Round 1 Protocol**

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| CASEID | __ - ____ - ____ |
| DATE: | __ / __ / ____ |
| INTERVIEWER: | _____ |

Introduction

[PROVIDE INFORMED CONSENT TO PARTICIPANTS AND TO PARENTS OR GUARDIANS, IF APPLICABLE]

[IF OBSERVERS ARE PRESENT, MENTION HOW MANY OBSERVERS AND WHETHER THEY ARE FROM RTI OR SAMHSA]

Thank you for participating in our study. In the first half of the interview, I will show you how to use our project laptop and you will enter your answers to questions about use of alcohol and certain drugs into the computer. I will ask you to put on these headphones and you will be able to read the questions on the screen or listen to the questions on the headphones. Even though I will not be able to see the questions or your answers, it is important for you to answer accurately because your responses will determine the type of questions you receive in the second half of the survey.

After you complete the first half of the interview, you will receive a notice asking you to enter a 3-digit code to continue. When you get to that screen, let me know.

The second half of the interview will work a little differently. After some of the survey questions, I will ask you follow-up questions about some of the survey questions. For example, I might ask “Can you tell me in your own words what this question is asking” or “How did you come up with your answer to that question?” There are no right or wrong answers to the questions I ask. Our main goal is to make sure that the questions make sense and that people can answer them easily. You can help us by pointing out anything you find confusing or unclear. If something doesn’t make sense, tell me that. Or if you’re not sure about your response, tell me that too. When we’re done you’ll receive \$40 as a token of our appreciation.

I’ll provide reminders about this, but as you answer the rest of the questions, please do not mention your name, anyone else’s name, or anything that might identify another person. If you do talk about another person, you can say things like “somebody I know,” or “this person.” Do not say things like, “my mom,” or “my friend Joe.”

READ FOR ADOLESCENTS ONLY: If you name an adult that has provided you with any drugs or non-prescribed medications, I, or my supervisors may need to report it to the agency in this state that investigates abuse. Once we make a report, we have no control over what will be done with the information.

Do you have any questions? ANSWER ANY QUESTIONS. HAVE R COMPLETE THE DRUG SCREENING MODULES

Substance Dependence and Abuse

THE RESPONDENT SHOULD ALERT YOU WHEN HE OR SHE HAS COMPLETED THE DRUG SCREENING MODULES. AT THIS POINT READ THIS INTRODUCCION:

As I mentioned before, this next section will work a little differently. After some of the survey questions, I will ask you follow-up questions. To make this easier for me, I'm going to ask that you take off the headphones and either read the questions aloud or let the questions play over the speaker. Either choice is fine.

[IF R WANTS TO READ: For each of the questions, please read the question aloud and then tell me your answer. You do not have to read all of the answer categories aloud.]

[IF SPEAKERS: After you have listened to the question, can you tell me your answer so that I can follow along?]

As you are answering this next set of questions, feel free to think aloud and tell me anything that comes to mind as you answer this question. This helps us determine if everyone understand our questions in the same way. After some of the questions, I will stop you and ask you some follow up questions such as "Can you tell me in your own words what this question is asking?" You don't have to repeat the question word for word, I just want to know what it meant to you.

There are no right or wrong answers to the questions I ask. Our main goal is to make sure that the questions make sense and that people can answer them easily. My job is to take a lot of notes and to figure out how potential respondents think about these questions.

GIVE R 3-DIGIT CODE TO CONTINUE.

ALCOHOL

DRALC10 [IF DRALC08 = 2 OR DK/REF OR DRALC09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop drinking **alcohol at least one time**?

1 Yes

2 No

DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn't get a hold of it. Probing should determine if respondents are considering these situations when answering the question.

P_AL1 Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase "whether you wanted to or not" mean to you as it's used in this question?

P_AL2 Would you be able to provide an example of cutting down or stopping when you didn't want to?

P_AL3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_AL4 [IF ANSWERED NO] Was there ever a time that you went without alcohol for a while because you had to work, could not get a hold of any, or some other reason?

DRALC11 [IF DRALC09 = 1 OR DRALC10 = 1] Please look at the symptoms listed below. During the past 12 months, did you have **2 or more** of these symptoms after you cut down or stopped drinking **alcohol**?

- Sweating or feeling that your heart was beating fast
- Having your hands tremble
- Having trouble sleeping
- Vomiting or feeling nauseous
- Seeing, hearing, or feeling things that weren't really there
- Feeling like you couldn't sit still
- Feeling anxious
- Having seizures or fits

1 Yes

2 No
DK/REF

DRALCXX [IF DRALC11=1] You just mentioned that you experienced symptoms after you cut down or stopped drinking **alcohol**. During the past 12 months, did you drink alcohol, or use sedatives or tranquilizers or any illegal substance to avoid or get over these symptoms?

1 Yes
2 No
DK/REF

GOALS: This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?

P_AL15 You answered [yes/no]. How did you come up with your answer to this question?

P_AL16 This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_AL17 What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_AL18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_AL19 Should the symptoms be repeated on this screen or is that not necessary?

DRALCXX: [IF DRALC11=2 OR DK/REF] During the past 12 months, did you drink alcohol, or use sedatives or tranquilizers or any illegal substance to avoid these symptoms?

1 Yes
2 No
DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3) that R's answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

- P_AL20** You answered [yes/no]. How did you come up with your answer to this question?
- P_AL21** IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it alcohol, sedatives, tranquilizers, or something else? PROBE FOR SPECIFIC SUBSTANCE.]
- P_AL22** This question used the phrase, "to avoid these symptoms." What did that phrase mean to you as it's used in this question?
- P_AL23** What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]
- P_AL24** Should the symptoms be repeated on this screen or is that not necessary?

DRALC23a During the past 12 months, was there ever a time when you wanted to drink **alcohol** so much that you couldn't think of anything else?

- 1 Yes
2 No
DK/REF

GOALS: *DSM5 has added an additional criterion for substance use disorder diagnosis, called "craving." DSM-5 explains craving as "a strong desire to [use substance] that makes it difficult to think of anything else." Verify Rs understanding of this.*

- P_AL25** Can you tell me in your own words what this question is asking?
- P_AL26** You answered [Yes/No]. How did you come up with your answer to this question?
- P_AL27** This question asks, "Was there ever a time when you wanted to drink alcohol so much that you couldn't think of anything else?" Can you think of a different way to word this or do you think this captures the feeling correctly?

DRALC23b [If DRALC23a=2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to drink **alcohol**?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance. Verify Rs understanding of this.*

- P_AL28** What does the phrase “strong desire or urge to drink alcohol” mean to you as it’s used in this question?
- P_AL29** You answered [Yes/No]. How did you come up with your answer to this question?
- P_AL30** If I asked, “During the past 12 months, was there a time when you craved alcohol?” would that sound better or worse to you? Why?

MARIJUANA

DRMJ10 [IF DRMJC08 = 2 OR DK/REF OR DRMJC09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **marijuana or hashish at least one time**?

- 1 Yes
- 2 No
- DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: *Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn’t get a hold of it. Probing should determine if respondents are considering these situations when answering the question.*

- P_MJ1** [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase “whether you wanted to or not” mean to you as it’s used in this question?
- P_MJ2** Would you be able to provide an example of cutting down or stopping when you didn’t want to?
- P_MJ3** You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY

CUT DOWN IF NOT MENTIONED]

P_MJ4 [IF ANSWERED NO] Was there ever a time that you went without marijuana or hashish for a while because you had to work, could not get a hold of any, or some other reason?

DRMJ11a [IF DRMJ09=1 OR DRMJ10=1] Please look at the symptoms listed below. During the past 12 months, did you have any of these symptoms after you cut down or stopped using **marijuana or hashish**?

- Pain in the stomach area
- Shaking or tremors
- Sweating
- Fever
- Chills
- Headache

1 Yes

2 No

DK/REF

GOALS: *These are the symptoms for withdrawal listed in the DSM5. For this question we want to verify (1) that respondents are thinking about any time they cut back or stopped, not just intentional times, (2) that they understand the symptoms provided, (3) that the symptoms are attributed to cutting down or stopping, and (4) they understand they only need 1 symptom.*

P_MJ5 You answered [Yes/No]. How did you come up with your answer to this question? [VERIFY THAT IT WAS CLEAR TO R THAT THEY ONLY NEEDED TO HAVE ONE SYMPTOM AND NOT ALL]

P_MJ6 Were there any symptoms that were unclear or that you were unsure if you had or not? [PROBE FOR DETAILS]

P_MJ7 What did you think of the symptoms listed? Are these the words you would use or would you describe them differently?

P_MJ8 [IF FIRST DRUG] What did the phrase “after you cut down or stopped using marijuana or hashish?” mean to you as it was used in this question. [IF NEEDED: Did you have these symptoms AS A RESULT of cutting down or stopping or were they unrelated]?

P_MJ9 [IF YES] How soon after stopping or cutting back did you get these symptoms? [Within a day, a week, a month?]

DRMJ11b [IF DRMJ09=1 OR DRMJ10=1] During the past 12 months, did you have [IF DRMJ11a=1 then fill 2, IF DRMJ11a=2, DK/REF then fill 3] or more of these symptoms after you cut down or stopped using **marijuana or hashish**?

- Feeling irritable or angry
- Feeling anxious
- Having trouble sleeping
- Losing your appetite or losing weight without trying to
- Feeling like you couldn't sit still
- Feeling depressed

1 Yes
2 No
DK/REF

GOALS: This question is similar to the one above, but it is asking about a different set of symptoms. For this question we also want to verify (1) that respondents are thinking about any time they cut back or stopped, not just intentional times, (2) that they understand the symptoms provided, (3) they understand they need X symptoms to answer yes, and (4) that they can accurately recall their answer.

P_MJ10 You answered [Yes/No]. How did you come up with your answer to this question? [VERIFY THAT IT WAS CLEAR TO R THAT NEEDED TO HAVE X SYMPTOMS NOT 1 OR ALL.]

P_MJ11 This question uses the word "symptoms." Is that okay or would you use something else? [What word would you use?]

P_MJ12 Were there any symptoms that were unclear or that you were unsure if you had or not? [PROBE FOR DETAILS]

P_MJ13 What did you think of how the symptoms were described? Are these the words you would use or would you describe them differently? [How?]

P_MJ14 [IF YES] How soon after stopping or cutting back did you get these symptoms? [Within a day, a week, a month?]

DRMJXX [IF DRMJ11a=1 OR DRMJ11b=1] You just mentioned that you experienced symptoms after you cut down or stopped using **marijuana or hashish**. During the past 12 months, did you use marijuana or hashish, or any illegal substance to avoid or get over these symptoms?

1 Yes
2 No
DK/REF

GOALS: *This question references the symptoms from the previous two questions. For this question we want to verify (1) that R's remember the symptoms from the previous questions, (2) that R's are thinking of the symptoms from BOTH of the previous questions and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?*

P_MJ15 You answered [yes/no]. How did you come up with your answer to this question?

P_ MJ16 This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_MJ17 What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_ MJ18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE PHYSICAL OR EMOTIONAL SYMPTOMS LISTED IN PREVIOUS 2 QUESTIONS.]

P_MJ19 Should the symptoms be repeated on this screen or is that not necessary?

DRMJXX: IF (DRMJ11a=2 OR DK/REF) AND (DRMJ11b=2 OR DK/REF)] During the past 12 months, did you use **marijuana or hashish**, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R's remember the symptoms from BOTH of the previous questions, (2) that R's are thinking of the symptoms from the previous questions and not different symptoms? (3) that R's answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

P_MJ20 You answered [yes/no]. How did you come up with your answer to this question?

| | |
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| P_MJ21 | IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it marijuana or something else? PROBE FOR SPECIFIC SUBSTANCE.] |
| P_MJ22 | [IF FIRST DRUG] This question used the phrase, “to avoid these symptoms.” What did that phrase mean to you as it’s used in this question? |
| P_MJ23 | What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE PHYSICAL OR EMOTIONAL SYMPTOMS LISTED IN PREVIOUS 2 QUESTIONS.] |
| P_MJ24 | [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary? |

DRMJ23a During the past 12 months, was there ever a time when you wanted to use **marijuana or hashish** so much that you couldn’t think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 has added an additional criterion for substance use disorder diagnosis, called “craving.”DSM-5 explains craving as “a strong desire to [use substance] that makes it difficult to think of anything else.” Verify Rs understanding of this.*

| | |
|---------------|--|
| P_MJ25 | [IF FIRST DRUG] Can you tell me in your own words what this question is asking? |
| P_MJ26 | You answered [Yes/No]. How did you come up with your answer to this question? |
| P_MJ27 | [IF FIRST DRUG] This question asks, “Was there ever a time when you wanted to use marijuana or hashish so much that you couldn’t think of anything else?” Can you think of a different way to word this or do you think this captures the feeling correctly? |

DRMJ23b [IF DRMJ23a=2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **marijuana or hashish**?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance.*

Verify Rs understanding of this.

- P_MJ28** [IF FIRST DRUG] What does the phrase “strong desire or urge to use marijuana or hashish” mean to you as it’s used in this question?
- P_MJ29** You answered [Yes/No]. How did you come up with your answer to this question?
- P_AL30** [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved **marijuana or hashish?**” would that sound better or worse to you? Why?

COCAINE

DRCC10 [IF DRCC8 = 2 OR DK/REF OR DRCC9 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **[COKEFILL] at least one time?**

1 Yes

2 No

DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn’t get a hold of it. Probing should determine if respondents are considering these situations when answering the question.

- P_CC1** [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase “whether you wanted to or not” mean to you as it’s used in this question?
- P_CC2** [IF FIRST DRUG] Would you be able to provide an example of cutting down or stopping when you didn’t want to?
- P_CC3** You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]
- P_CC4** [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRCC11 [IF DRCC10a = 1] Please look at the symptoms listed below. During the past

12 months, did you have **2 or more** of these symptoms after you cut down or stopped using **[COKEFILL]**?

- Feeling tired or exhausted
- Having bad dreams
- Having trouble sleeping or sleeping more than you normally do
- Feeling hungry more often
- Feeling either very slowed down or like you couldn't sit still

1 Yes

2 No

DK/REF

DRCCXX [IF DRCC11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **[COKEFILL]**. During the past 12 months, did you use cocaine or crack, methamphetamine, stimulants, or any illegal substance to avoid or get over these symptoms?

1 Yes

2 No

DK/REF

GOALS: *This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?*

P_ CC15 You answered [yes/no]. How did you come up with your answer to this question?

P_ CC16 [IF FIRST DRUG] This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_ CC17 [IF FIRST DRUG] What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_ CC18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_CC19 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRCCXX: [IF DRCC11=2 OR DK/REF] During the past 12 months, did you use cocaine or crack, methamphetamine, stimulants, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3) that R's answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

P_CC20 You answered [yes/no]. How did you come up with your answer to this question?

P_CC21 IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it crack, methamphetamine, stimulants, or something else? PROBE FOR SPECIFIC SUBSTANCE.]

P_CC22 [IF FIRST DRUG] This question used the phrase, "to avoid these symptoms." What did that phrase mean to you as it's used in this question?

P_CC23 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_CC24 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRCC23a During the past 12 months, was there ever a time when you wanted to use **[COKEFILL]** so much that you couldn't think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 has added an additional criterion for substance use disorder diagnosis, called “craving.”DSM-5 explains craving as “a strong desire to [use substance] that makes it difficult to think of anything else.” Verify Rs understanding of this.*

- P_CC25** [IF FIRST DRUG] Can you tell me in your own words what this question is asking?
- P_CC26** You answered [Yes/No]. How did you come up with your answer to this question?
- P_CC27** [IF FIRST DRUG] This question asks, “Was there ever a time when you wanted to use cocaine so much that you couldn’t think of anything else?” Can you think of a different way to word this or do you think this captures the feeling correctly?

DRCC23b [IF DRCC23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **[COKEFILL]**?

- 1 Yes
2 No
DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance. Verify Rs understanding of this.*

- P_CC28** [IF FIRST DRUG] What does the phrase “strong desire or urge to use cocaine” mean to you as it’s used in this question?
- P_CC29** You answered [Yes/No]. How did you come up with your answer to this question?
- P_CC30** [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved cocaine?” would that sound better or worse to you? Why?

HEROIN

DRHE10 [IF DRHE08 = 2 OR DK/REF OR DRHE09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **heroin at least one time**?

- 1 Yes

2 No
DK/REF
PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: *Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn't get a hold of it. Probing should determine if respondents are considering these situations when answering the question.*

P_HE1 [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase "whether you wanted to or not" mean to you as it's used in this question?

P_HE2 [IF FIRST DRUG] Would you be able to provide an example of cutting down or stopping when you didn't want to?

P_HE3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_HE4 [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRHE11 [IF DRHE09 = 1 OR DRHE10 = 1] Please look at the symptoms listed below. During the past 12 months, did you have **3 or more** of these symptoms after you cut down or stopped using **heroin**?

- Feeling kind of blue or down
- Vomiting or feeling nauseous
- Having cramps or muscle aches
- Having teary eyes or a runny nose
- Feeling sweaty, having enlarged eye pupils, or having body hair standing up on your skin
- Having diarrhea
- Yawning
- Having a fever
- Having trouble sleeping

1 Yes
2 No
DK/REF

DRHEXX [IF DRHE11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **heroin**. During the past 12 months, did you use heroin, prescription pain relievers, or any illegal substance to avoid or get over these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?*

P_HE15 You answered [yes/no]. How did you come up with your answer to this question?

P_HE16 [IF FIRST DRUG] This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_HE17 [IF FIRST DRUG] What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_HE18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_HE19 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRHEXX: [IF DRHE11=2 OR DK/REF] During the past 12 months, did you use heroin, prescription pain relievers, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1)*

that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3) that R's answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.

- P_HE20** You answered [yes/no]. How did you come up with your answer to this question?
- P_HE21** IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it alcohol, sedatives, tranquilizers, or something else? PROBE FOR SPECIFIC SUBSTANCE.]
- P_HE22** [IF FIRST DRUG] This question used the phrase, "to avoid these symptoms." What did that phrase mean to you as it's used in this question?
- P_HE23** What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]
- P_HE24** [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRHE23a During the past 12 months, was there ever a time when you wanted to use **heroin** so much that you couldn't think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: DSM5 has added an additional criterion for substance use disorder diagnosis, called "craving." DSM-5 explains craving as "a strong desire to [use substance] that makes it difficult to think of anything else." Verify Rs understanding of this.

- P_HE25** [IF FIRST DRUG] Can you tell me in your own words what this question is asking?
- P_HE26** You answered [Yes/No]. How did you come up with your answer to this question?
- P_HE27** [IF FIRST DRUG] This question asks, "Was there ever a time when you wanted to use heroin so much that you couldn't think of anything else?" Can you think of a different way to word this or do you think this captures the feeling correctly?

DRHE23b [If DRHE23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **heroin**?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance. Verify Rs understanding of this.*

P_HE28 [IF FIRST DRUG] What does the phrase “strong desire or urge to use heroin” mean to you as it’s used in this question?

P_HE29 You answered [Yes/No]. How did you come up with your answer to this question?

P_HE30 [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved heroin?” would that sound better or worse to you? Why?

METHAMPHETAMINE

DRME10 [IF DRME08 = 2 OR DK/REF OR DRME09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **methamphetamine at least one time**?

- 1 Yes
- 2 No
- DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: *Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn’t get a hold of it. Probing should determine if respondents are considering these situations when answering the question.*

P_ME1 [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase “whether you wanted to or not” mean to you as it’s used in this question?

P_ME2 [IF FIRST DRUG] Would you be able to provide an example of cutting

down or stopping when you didn't want to?

P_ME3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_ME4 [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRME11 [IF DRME10a = 1] Please look at the symptoms listed below. During the past 12 months, did you have **2 or more** of these symptoms after you cut down or stopped using **methamphetamine**?

- Feeling tired or exhausted
- Having bad dreams
- Having trouble sleeping or sleeping more than you normally do
- Feeling hungry more often
- Feeling either very slowed down or like you couldn't sit still

1 Yes

2 No

DK/REF

DRMEXX [if DRME11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **methamphetamine**. During the past 12 months, did you use methamphetamine, cocaine or crack, stimulants, or any illegal substance to avoid or get over these symptoms?

1 Yes

2 No

DK/REF

GOALS: *This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?*

P_ME15 You answered [yes/no]. How did you come up with your answer to this question?

P_ME16 [IF FIRST DRUG] This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this

question?

P_ME17 [IF FIRST DRUG] What do you think of the phrase “to get rid of or prevent?” Does that differ from “to avoid or get over” or is it the same thing? Do you prefer one or the other?

P_ME18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_ME19 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRMEXX: [If DRME11=2 OR DK/REF] During the past 12 months, did you use methamphetamine, cocaine or crack, stimulants, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R’s remember the symptoms from the previous question, (2) that R’s are thinking of the symptoms from the previous question and not different symptoms, (3) that R’s answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

P_ME20 You answered [yes/no]. How did you come up with your answer to this question?

P_ME21 IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it methamphetamine, cocaine or crack, stimulants or something else? PROBE FOR SPECIFIC SUBSTANCE.]

P_ME22 [IF FIRST DRUG] This question used the phrase, “to avoid these symptoms.” What did that phrase mean to you as it’s used in this question?

P_ME23 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_ME24 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is

that not necessary?

DRME23a During the past 12 months, was there ever a time when you wanted to use **methamphetamine** so much that you couldn't think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: DSM5 has added an additional criterion for substance use disorder diagnosis, called "craving." DSM-5 explains craving as "a strong desire to [use substance] that makes it difficult to think of anything else." Verify Rs understanding of this.

P_ME25 [IF FIRST DRUG] Can you tell me in your own words what this question is asking?

P_ME26 You answered [Yes/No]. How did you come up with your answer to this question?

P_ME27 [IF FIRST DRUG] This question asks, "Was there ever a time when you wanted to use methamphetamine so much that you couldn't think of anything else?" Can you think of a different way to word this or do you think this captures the feeling correctly?

DRME23b [If DRME23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **methamphetamine**

- 1 Yes
- 2 No
- DK/REF

GOALS: DSM5 also defines craving as "a strong desire or urge to use" the substance. Verify Rs understanding of this.

P_ME28 [IF FIRST DRUG] What does the phrase "strong desire or urge to use methamphetamine" mean to you as it's used in this question?

P_ME29 You answered [Yes/No]. How did you come up with your answer to this question?

P_ME30 [IF FIRST DRUG] If I asked, "During the past 12 months, was there a time when you craved methamphetamine?" would that sound better or worse to you? Why?

PRESCRIPTION PAIN RELIEVERS

DRPR10 [IF DRPR08 = 2 OR DK/REF OR DRPR09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **prescription pain relievers at least one time?**

1 Yes

2 No

DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn't get a hold of it. Probing should determine if respondents are considering these situations when answering the question.

P_PR1 [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase "whether you wanted to or not" mean to you as it's used in this question?

P_PR2 [IF FIRST DRUG] Would you be able to provide an example of cutting down or stopping when you didn't want to?

P_PR3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_PR4 [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRPR11 [IF DRPR09 = 1 OR DRPR10 = 1] Please look at the symptoms listed below. During the past 12 months, did you have **3 or more** of these symptoms after you cut down or stopped using **prescription pain relievers?**

- Feeling kind of blue or down
- Vomiting or feeling nauseous
- Having cramps or muscle aches
- Having teary eyes or a runny nose
- Feeling sweaty, having enlarged eye pupils, or having body hair standing up on your skin
- Having diarrhea
- Yawning

- Having a fever
- Having trouble sleeping

1 Yes
 2 No
 DK/REF

DRPRXX [IF DRPR11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **prescription pain relievers**. During the past 12 months, did you use prescription pain relievers, heroin, or any illegal substance to avoid or get over these symptoms?

1 Yes
 2 No
 DK/REF

GOALS: This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?

P_PR15 You answered [yes/no]. How did you come up with your answer to this question?

P_PR16 [IF FIRST DRUG] This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_PR17 [IF FIRST DRUG] What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_PR18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_PR19 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRPRXX: [IF DRPR11=2 OR DK/REF] During the past 12 months, did you use prescription pain relievers, heroin, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R’s remember the symptoms from the previous question, (2) that R’s are thinking of the symptoms from the previous question and not different symptoms, (3) that R’s answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

- P_PR20** You answered [yes/no]. How did you come up with your answer to this question?
- P_PR21** IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it prescription pain relievers, heroin, or something else? PROBE FOR SPECIFIC SUBSTANCE.]
- P_PR22** [IF FIRST DRUG] This question used the phrase, “to avoid these symptoms.” What did that phrase mean to you as it’s used in this question?
- P_PR23** What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]
- P_PR24** [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRPR23a During the past 12 months, was there ever a time when you wanted to use **prescription pain relievers** so much that you couldn’t think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 has added an additional criterion for substance use disorder diagnosis, called “craving.” DSM-5 explains craving as “a strong desire to [use substance] that makes it difficult to think of anything else.” Verify Rs understanding of this.*

- P_PR25** [IF FIRST DRUG] Can you tell me in your own words what this question is asking?
- P_PR26** You answered [Yes/No]. How did you come up with your answer to this

question?

P_PR27 [IF FIRST DRUG] This question asks, “Was there ever a time when you wanted to use prescription pain relievers so much that you couldn’t think of anything else?” Can you think of a different way to word this or do you think this captures the feeling correctly?

DRPR23b [IF DRPR23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **prescription pain relievers**?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance. Verify Rs understanding of this.*

P_PR28 [IF FIRST DRUG] What does the phrase “strong desire or urge to use prescription pain relievers” mean to you as it’s used in this question?

P_PR29 You answered [Yes/No]. How did you come up with your answer to this question?

P_PR30 [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved prescription pain relievers?” would that sound better or worse to you? Why?

PRESCRIPTION TRANQUILIZERS

DRTR10 [IF DRTR08 = 2 OR DK/REF OR DRTR09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **prescription tranquilizers at least one time**?

- 1 Yes
- 2 No
- DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: *Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn’t get a hold of it. Probing should determine if respondents are considering these situations when answering the question.*

P_TR1 [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase “whether you wanted to or not” mean to you as it’s used in this question?

P_TR2 [IF FIRST DRUG] Would you be able to provide an example of cutting down or stopping when you didn't want to?

P_TR3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_TR4 [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRTR11 [IF DRTR09 = 1 OR DRTR10 = 1] Please look at the symptoms listed below. During the past 12 months, did you have **2 or more** of these symptoms after you cut down or stopped using **prescription tranquilizers**?

- Sweating or feeling that your heart was beating fast
- Having your hands tremble
- Having trouble sleeping
- Vomiting or feeling nauseous
- Seeing, hearing, or feeling things that weren't really there
- Feeling like you couldn't sit still
- Feeling anxious
- Having seizures or fits

1 Yes
 2 No
 DK/REF

DRTRXX [IF DRTR11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **prescription tranquilizers**. During the past 12 months, did you use prescription tranquilizers, drink alcohol, use sedatives, or any illegal substance to avoid or get over these symptoms?

1 Yes
 2 No
 DK/REF

GOALS: *This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?*

| | |
|---------------|---|
| P_TR15 | You answered [yes/no]. How did you come up with your answer to this question? |
| P_TR16 | [IF FIRST DRUG] This question used the phrase, “to avoid or get over these symptoms.” What did that phrase mean to you as it’s used in this question? |
| P_TR17 | [IF FIRST DRUG] What do you think of the phrase “to get rid of or prevent?” Does that differ from “to avoid or get over” or is it the same thing? Do you prefer one or the other? |
| P_TR18 | What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.] |
| P_TR19 | [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary? |

DRTRXX: [IF DRTR11=2 OR DK/REF] During the past 12 months, did you use prescription tranquilizers, drink alcohol, use sedatives, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R’s remember the symptoms from the previous question, (2) that R’s are thinking of the symptoms from the previous question and not different symptoms, (3) that R’s answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

| | |
|---------------|--|
| P_TR20 | You answered [yes/no]. How did you come up with your answer to this question? |
| P_TR21 | IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it prescription tranquilizers, alcohol, sedatives or something else? PROBE FOR SPECIFIC SUBSTANCE.] |
| P_TR22 | [IF FIRST DRUG] This question used the phrase, “to avoid these symptoms.” What did that phrase mean to you as it’s used in this question? |

P_TR23 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_TR24 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRTR23a During the past 12 months, was there ever a time when you wanted to use **prescription tranquilizers** so much that you couldn't think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: DSM5 has added an additional criterion for substance use disorder diagnosis, called "craving." DSM-5 explains craving as "a strong desire to [use substance] that makes it difficult to think of anything else." Verify Rs understanding of this.

P_TR25 [IF FIRST DRUG] Can you tell me in your own words what this question is asking?

P_TR26 You answered [Yes/No]. How did you come up with your answer to this question?

P_TR27 [IF FIRST DRUG] This question asks, "Was there ever a time when you wanted to use prescription tranquilizers so much that you couldn't think of anything else?" Can you think of a different way to word this or do you think this captures the feeling correctly?

DRTR23b [If DRTR23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **prescription tranquilizers**?

- 1 Yes
- 2 No
- DK/REF

GOALS: DSM5 also defines craving as "a strong desire or urge to use" the substance. Verify Rs understanding of this.

P_TR28 [IF FIRST DRUG] What does the phrase "strong desire or urge to use prescription tranquilizers" mean to you as it's used in this question?

P_TR29 You answered [Yes/No]. How did you come up with your answer to this question?

P_TR30 [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved prescription tranquilizers?” would that sound better or worse to you? Why?

PRESCRIPTION STIMULANTS

DRST10 [IF DRST08 = 2 OR DK/REF OR DRST09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **prescription stimulants at least one time?**

1 Yes

2 No

DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn't get a hold of it. Probing should determine if respondents are considering these situations when answering the question.

P_ST1 [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase “whether you wanted to or not” mean to you as it’s used in this question?

P_ST2 [IF FIRST DRUG] Would you be able to provide an example of cutting down or stopping when you didn’t want to?

P_ST3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_ST4 [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRST11 [IF DRST10a = 1] Please look at the symptoms listed below. During the past 12 months, did you have **2 or more** of these symptoms after you cut down or stopped using **prescription stimulants?**

- Feeling tired or exhausted

- Having bad dreams
- Having trouble sleeping or sleeping more than you normally do
- Feeling hungry more often
- Feeling either very slowed down or like you couldn't sit still

1 Yes

2 No

DK/REF

DRSTXX [IF DRST11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **prescription stimulants**. During the past 12 months, did you use prescription stimulants, methamphetamine, cocaine or crack, or any illegal substance to avoid or get over these symptoms?

1 Yes

2 No

DK/REF

GOALS: *This question references the symptoms from the previous question. For this question we want to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?*

P_ST15 You answered [yes/no]. How did you come up with your answer to this question?

P_ST16 [IF FIRST DRUG] This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_ST17 [IF FIRST DRUG] What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_ST18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_ST19 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRSTXX: [IF DRST11=2 OR DK/REF] During the past 12 months, did you use prescription stimulants, methamphetamine, cocaine or crack, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3) that R's answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

P_ST20 You answered [yes/no]. How did you come up with your answer to this question?

P_ST21 IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it prescription stimulants, methamphetamine, cocaine or something else? PROBE FOR SPECIFIC SUBSTANCE.]

P_ST22 [IF FIRST DRUG] This question used the phrase, "to avoid these symptoms." What did that phrase mean to you as it's used in this question?

P_ST23 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_ST24 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRST23a During the past 12 months, was there ever a time when you wanted to use **prescription stimulants** so much that you couldn't think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 has added an additional criterion for substance use disorder diagnosis, called "craving." DSM-5 explains craving as "a strong desire to [use substance] that makes it difficult to think of anything else." Verify Rs understanding of this.*

P_ST25 [IF FIRST DRUG] Can you tell me in your own words what this question

is asking?

P_ST26 You answered [Yes/No]. How did you come up with your answer to this question?

P_ST27 [IF FIRST DRUG] This question asks, “Was there ever a time when you wanted to use prescription stimulants so much that you couldn’t think of anything else?” Can you think of a different way to word this or do you think this captures the feeling correctly?

DRST23b [IF DRST23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **prescription stimulants**?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance. Verify Rs understanding of this.*

P_ST28 [IF FIRST DRUG] What does the phrase “strong desire or urge to use prescription stimulants” mean to you as it’s used in this question?

P_ST29 You answered [Yes/No]. How did you come up with your answer to this question?

P_ST30 [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved prescription stimulants?” would that sound better or worse to you? Why?

PRESCRIPTION SEDATIVES

DRSV10 [IF DRSV08 = 2 OR DK/REF OR DRSV09 = 2 OR DK/REF] During the past 12 months, whether you wanted to or not, did you cut down or stop using **prescription sedatives at least one time**?

- 1 Yes
- 2 No
- DK/REF

PROGRAMMER: SHOW 12 MONTH CALENDAR

GOALS: *Withdrawal of a substance can only be assessed of those who have cut down or stopped using the substance for at least some period of time. Most people should answer Yes to this question because they will have gone without the substance at some point because they had to work or couldn’t get a hold of it. Probing should determine if respondents are considering these situations when answering the question.*

P_SV1 [IF FIRST DRUG] Can you tell me in your own words what this question is asking? [IF NEEDED:] What does the phrase “whether you wanted to or not” mean to you as it’s used in this question?

P_SV2 [IF FIRST DRUG] Would you be able to provide an example of cutting down or stopping when you didn’t want to?

P_SV3 You answered [Yes/No]. How did you come up with your answer to this question? [IF ANSWERED YES, PROBE FOR HOW LONG THEY CUT DOWN IF NOT MENTIONED]

P_SV4 [IF ANSWERED NO] Was there ever a time that you went without cocaine for a while because you had to work, could not get a hold of any, or some other reason?

DRSV11 [IF DRSV09 = 1 OR DRSV10 = 1] Please look at the symptoms listed below. During the past 12 months, did you have **2 or more** of these symptoms after you cut down or stopped using **prescription sedatives**?

- Sweating or feeling that your heart was beating fast
- Having your hands tremble
- Having trouble sleeping
- Vomiting or feeling nauseous
- Seeing, hearing, or feeling things that weren’t really there
- Feeling like you couldn’t sit still
- Feeling anxious
- Having seizures or fits

1 Yes
2 No
DK/REF

DRSVXX [IF DRSV11=1] You just mentioned that you experienced symptoms after you cut down or stopped using **prescription sedatives**. During the past 12 months, did you use prescription sedatives, drink alcohol, use tranquilizers, or any illegal substance to avoid or get over these symptoms?

1 Yes
2 No
DK/REF

GOALS: *This question references the symptoms from the previous question. For this question we want to verify (1) that R’s remember the symptoms from the previous*

question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3), that they are thinking of all symptoms, not just ones they had (since this question also asks about avoiding), (4) that R's thinking about all times the cut down or stopped and not just intentional times, (5) that R's answer yes SPECIFICALLY to avoid or get over symptoms?

P_SV15 You answered [yes/no]. How did you come up with your answer to this question?

P_SV16 [IF FIRST DRUG] This question used the phrase, "to avoid or get over these symptoms." What did that phrase mean to you as it's used in this question?

P_SV17 [IF FIRST DRUG] What do you think of the phrase "to get rid of or prevent?" Does that differ from "to avoid or get over" or is it the same thing? Do you prefer one or the other?

P_SV18 What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.]

P_SV19 [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary?

DRSVXX: [IF DRSV11=2 OR DK/REF] During the past 12 months, did you use prescription sedatives, drink alcohol, use tranquilizers, or any illegal substance to avoid these symptoms?

- 1 Yes
- 2 No
- DK/REF

GOALS: *This question is for respondents who say they did not have any of the symptoms mentioned. The purpose of this question is to determine if they used the substance SPECIFICALLY to avoid getting the symptoms. The goals are to verify (1) that R's remember the symptoms from the previous question, (2) that R's are thinking of the symptoms from the previous question and not different symptoms, (3) that R's answer yes SPECIFICALLY to avoid symptoms, and (4) that R answers Yes if they did this at least once, even if not every time.*

P_SV20 You answered [yes/no]. How did you come up with your answer to this question?

P_SV21 IF YES: What did you take to avoid these symptoms? [IF NEEDED: Was it prescription sedatives, alcohol, tranquilizers, or something else? PROBE FOR SPECIFIC SUBSTANCE.]

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| P_SV22 | [IF FIRST DRUG] This question used the phrase, “to avoid these symptoms.” What did that phrase mean to you as it’s used in this question? |
| P_SV23 | What symptoms were you thinking of when you read (or heard) this question? [NOTE WHETHER THE SYMPTOMS MATCH THE SYMPTOMS LISTED IN PREVIOUS QUESTION.] |
| P_SV24 | [IF FIRST DRUG] Should the symptoms be repeated on this screen or is that not necessary? |

DRSV23a During the past 12 months, was there ever a time when you wanted to use **prescription sedatives** so much that you couldn’t think of anything else?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 has added an additional criterion for substance use disorder diagnosis, called “craving.”DSM-5 explains craving as “a strong desire to [use substance] that makes it difficult to think of anything else.” Verify Rs understanding of this.*

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| P_SV25 | [IF FIRST DRUG] Can you tell me in your own words what this question is asking? |
| P_SV26 | You answered [Yes/No]. How did you come up with your answer to this question? |
| P_SV27 | [IF FIRST DRUG] This question asks, “Was there ever a time when you wanted to use prescription sedatives so much that you couldn’t think of anything else?” Can you think of a different way to word this or do you think this captures the feeling correctly? |

DRSV23b [IF DRSV23a = 2, DK/REF] During the past 12 months, was there ever a time when you had a strong desire or urge to use **prescription sedatives**?

- 1 Yes
- 2 No
- DK/REF

GOALS: *DSM5 also defines craving as “a strong desire or urge to use” the substance.*

Verify Rs understanding of this.

- P_SV28** [IF FIRST DRUG] What does the phrase “strong desire or urge to use prescription sedatives” mean to you as it’s used in this question?
- P_SV29** You answered [Yes/No]. How did you come up with your answer to this question?
- P_SV30** [IF FIRST DRUG] If I asked, “During the past 12 months, was there a time when you craved prescription sedatives?” would that sound better or worse to you? Why?

END Those are all of the questions that I have. Do you have any additional thoughts or comments on these survey questions that you would like to share?

THANKR2 Thank you for your time.

[ALL CASES] BE SURE YOU HAVE YOUR SHOWCARD BOOKLET,
QC ENVELOPE W/ FORM AND INCENTIVE RECEIPT COPIES.

[ALL CASES] PRESS [ENTER] TO CONTINUE.

FIEXIT End of interview reached.

PRESS 1 TO EXIT.