

2015 NSDUH Text-to-Speech Pretest,
Supporting Statement

Attachment A – CI Protocols for Cognitive
Interviews

NSDUH Text-to-Speech Cognitive Testing Protocol

Thank you for participating in our study. As I described earlier, I will play survey questions that have been recorded using different voices. You do not have to answer the recorded questions. For several of the questions, your task will be to simply repeat the question. After some of the questions, I will instead ask you some follow up items about the question you just heard. For example, I might ask you to try to put the question into your own words. That will help me understand how you have interpreted it. Let me give you an example.

QD12 This question is about your overall health. Would you say your health in general is excellent, very good, good, fair, or poor?

Putting this in my own words, I might say, “They want to know how good my health is from excellent to poor.”

My job is to take a lot of notes and to figure out what we can do to make the questions easier to understand and to determine which voice works best for everyone who takes the survey. If a survey question doesn't make sense or you don't understand a certain word used, tell me that. If you need me to replay any question, just let me know. When we're done, I'll ask you a few overall questions, and then you'll receive \$40 in cash as a token of our appreciation.

Demographics (Interviewer Read)

First I'll ask a few demographic questions to help us analyze the results of the study.

age1 What is your date of birth?

ENTER MM-DD-YYYY

DOB: _____
DK/REF

confirm [IF AGE1 NE DK/REF AND CONFDOB NE DK/REF] That would make you [CALCAGE] years old. Is this correct?

1 YES

2 NO

DK/REF

QD03 Are you of Hispanic, Latino, or Spanish origin or descent?

1 YES

2 NO

DK/REF

QD05 HAND R SHOWCARD 2 Which of these groups describes you? Just give me the number or numbers from the card.

TO SELECT MORE THAN ONE CATEGORY, PRESS THE SPACE BAR BETWEEN EACH CATEGORY YOU SELECT.

RESPONDENTS WHO REPORT THEIR RACE AS NATIVE AMERICAN SHOULD BE INCLUDED IN RESPONSE CATEGORY 3.

- 1 WHITE
 - 2 BLACK OR AFRICAN AMERICAN
 - 3 AMERICAN INDIAN OR ALASKA NATIVE (AMERICAN INDIAN INCLUDES NORTH AMERICAN, CENTRAL AMERICAN, AND SOUTH AMERICAN INDIANS)
 - 4 NATIVE HAWAIIAN
 - 5 GUAMANIAN OR CHAMORRO
 - 6 SAMOAN
 - 7 OTHER PACIFIC ISLANDER
 - 8 ASIAN (INCLUDING: ASIAN INDIAN, CHINESE, FILIPINO, JAPANESE, KOREAN, AND VIETNAMESE)
 - 9 OTHER (SPECIFY)
- DK/REF

QD11 HAND R SHOWCARD 5. What is the highest grade or year of school you have **completed**? Just give me the number from the card.

INCLUDE JUNIOR OR COMMUNITY COLLEGE ATTENDANCE; DO NOT INCLUDE TECHNICAL SCHOOLS (BEAUTICIAN, MECHANIC, ETC.).

- 0 NO SCHOOLING COMPLETED
- 1 1ST GRADE COMPLETED
- 2 2ND GRADE COMPLETED
- 3 3RD GRADE COMPLETED
- 4 4TH GRADE COMPLETED
- 5 5TH GRADE COMPLETED
- 6 6TH GRADE COMPLETED
- 7 7TH GRADE COMPLETED
- 8 8TH GRADE COMPLETED
- 9 9TH GRADE COMPLETED
- 10 10TH GRADE COMPLETED
- 11 11TH GRADE COMPLETED
- 12 REGULAR HIGH SCHOOL DIPLOMA
- 13 12TH GRADE, NO DIPLOMA
- 14 GED CERTIFICATE OF HIGH SCHOOL COMPLETION

- 15 SOME COLLEGE CREDIT, BUT NO DEGREE
- 16 ASSOCIATE'S DEGREE (FOR EXAMPLE, AA, AS)
- 17 BACHELOR'S DEGREE (FOR EXAMPLE, BA, BS)

- 18 MASTER'S DEGREE (FOR EXAMPLE, MA, MS, MENG, M. ED, MSW, MBA)
- 19 DOCTORATE DEGREE (FOR EXAMPLE, PHD, EDD)
- 20 PROFESSIONAL DEGREE BEYOND A BACHELOR'S DEGREE (FOR EXAMPLE, MD, DDS, DVM, LLB, JD)

DK/REF

QD14 Were you born in the United States?

- 1 Yes
 - 2 No
- DK/REF

QD15 [IF QD14 = 2] In what country or U.S. territory were you born?

COUNTRY OR US TERRITORY: _____
DK/REF

QD55 How well would you say you speak English?

- 1 Very well
 - 2 Well
 - 3 Not well
 - 4 Not at all
- DK/REF

QD56 Do you have any difficulty hearing?

- 1 Yes
 - 2 No
- DK/REF

QD57 Do you have serious difficulty seeing, even when wearing glasses?

- 1 Yes
 - 2 No
- DK/REF

QD58 Do you have any difficulty concentrating, remembering, or making decisions?

- 1 Yes
 - 2 No
- DK/REF

VOICE 1:

LEADCIG These questions are about your use of tobacco products. This includes cigarettes, chewing tobacco, snuff, cigars, and pipe tobacco. The first questions are about cigarettes only.

P1. Can you tell me what this introduction is telling you?

P2. What are some of the tobacco products that were listed in this question?

RK01a How much do people risk harming themselves physically and in other ways when they smoke **one or more packs of cigarettes per day?**

- 1 No risk
- 2 Slight risk
- 3 Moderate risk
- 4 Great risk

P3. In your own words, what is this question asking?

ALCINTR2 These questions are about drinks of alcoholic beverages. Throughout these questions, by a “drink,” we mean a can or bottle of beer, a glass of wine or a wine cooler, a shot of liquor, or a mixed drink with liquor in it. We are not asking about times when you only had a sip or two from a drink.

P4. What would be considered a “drink” of alcohol according to this question? What would not be considered a “drink” of alcohol?

AL01 Have you **ever**, even once, had a drink of any type of alcoholic beverage? Please do not include times when you only had a sip or two from a drink.

- 1 Yes
- 2 No

P5. Please repeat this question as best you can.

MRJINTRO The next questions are about marijuana and hashish. Marijuana is also called pot or grass. Marijuana is usually smoked, either in cigarettes, called joints, or in a pipe. It is sometimes cooked in food. Hashish is a form of marijuana that is also called “hash.” It is usually smoked in a pipe. Another form of hashish is hash oil.

P6. Can you tell me in your own words what this introduction is telling you?

P7. Can you recall any of the examples of marijuana or hashish that were mentioned?
[PROBE FOR AS MANY EXAMPLES AS THEY RECALL.]

MJ01 Have you **ever**, even once, used marijuana or hashish?

- 1 Yes
- 2 No

P8. Please repeat this question as best you can.

RK04a How often do you get a real kick out of doing things that are a little dangerous?

- 1 Never
- 2 Seldom
- 3 Sometimes
- 4 Always

P9. Please repeat this question as best you can.

PR01 Please look at the names and pictures of the pain relievers shown below. Please note that some forms of these pain relievers may look different from the pictures, but you should include any form that you have used.

In the **past 12 months**, which, if any, of these pain relievers have you used?

To select more than one drug from the list, press the space bar between each number you have typed. When you have finished, press [ENTER].

- 1 Vicodin
- 2 Lortab
- 3 Norco
- 4 Zohydro ER
- 5 Hydrocodone (generic)
- 95 I have not used any of these pain relievers in the past 12 months
- DK/REF

P10. Based on this question, how would you select more than one drug at a time?

VOICE 2

AD12 Think about the times when you were sad, discouraged, or lost interest in most things. Did you ever have a period of time like this that lasted **most of the day, nearly every day, for two weeks or longer?**

- 1 Yes
- 2 No
- DK/REF

P11. Please repeat this question as best you can. [ASK AFTER EACH SENTENCE IN THE QUESTION.]

INHINTRO These next questions are about liquids, sprays, and gases that people sniff or inhale to get high or to make them feel good.

We are not interested in times when you inhaled a substance accidentally — such as when painting, cleaning an oven, or filling a car with gasoline. The questions use the word ‘inhalant’ to include all the things listed below, as well as any other substances that people sniff or inhale for kicks or to get high. Take a moment to look at the substances listed below so you know what kinds of liquids, sprays, and gases these questions are about.

Amyl nitrite, ‘poppers,’ locker room odorizers, or ‘rush’
Correction fluid, degreaser, or cleaning fluid
Gasoline or lighter fluid
Glue, shoe polish, or toluene
Halothane, ether, or other anesthetics
Lacquer thinner, or other paint solvents
Lighter gases, such as butane or propane
Nitrous oxide or ‘whippits’
Felt-tip pens, felt-tip markers, or magic markers
Spray paints
Computer keyboard cleaner, also known as air duster
Other aerosol sprays

P12. According to this introduction, do they want to know about times when substances were inhaled accidentally, on purpose, or both?

IN01c Have you **ever**, even once, inhaled **gasoline or lighter fluid** for kicks or to get high?

- 1 Yes
- 2 No
- DK/REF

P13. Please repeat this question as best you can. [IF NEEDED: Can you remember what time period the question was asking about?]

METHINTRO Methamphetamine, also known as crank, ice, crystal meth, speed, glass, and many other names, is a stimulant that usually comes in crystal or powder forms. It can be smoked, “snorted,” swallowed or injected.

Press [ENTER] to continue.

P14. What is this introduction telling you?

INTROST These next questions are about **any** use of **prescription stimulants**. People sometimes take these drugs for attention deficit disorders, to lose weight, or to stay awake. Please do **not** include “over-the-counter” stimulants such as Dexatrim, No-Doz, Hydroxycut, or 5-Hour Energy.

P15. Can you tell me in your own words what this introduction is saying?

P16. This introduction said not to include certain types of stimulants. What stimulants should not be included?

INTROSV These next questions ask about **any** use of **prescription sedatives or barbiturates**. These drugs are also called “downers” or “sleeping pills.” People take these drugs to help them relax or help them sleep. Please do **not** include “over-the-counter” sedatives such as Sominex, Unisom, Nytol, or Benadryl.

P17. Can you tell me in your own words what this introduction is saying?

P18. According to this introduction, what are some of the reasons that people take these drugs?

PRINTROYR1 [IF PR12MON = 1] Earlier you reported having used certain **prescription pain relievers** during the past year. Now please think about whether you used any of these pain relievers in any way **a doctor did not direct you to use them**.

When you answer these questions, please think only about your use of the drug in any way **a doctor did not direct you to use it**, including:

- Using it without a prescription of your own
- Using it in greater amounts, more often, or longer than you were told to take it
- Using it in **any other way** a doctor did not direct you to use it

Press Enter to continue.

P19. This introduction provided examples of using prescription drugs in a way a doctor did not direct you to use. Do you recall what those were? [PROBE FOR ALL THREE RESPONSES]

SV01 Please look at the names and pictures of the sedatives shown below. Please note that some forms of these sedatives may look different from the pictures, but you should include any form that you have used.

In the **past 12 months**, which, if any, of these sedatives have you used?

To select more than one drug from the list, press the space bar between each number you have typed. When you have finished, press [ENTER].

- 1 Ambien
- 2 Ambien CR
- 3 Zolpidem (generic)
- 4 Extended-release zolpidem (generic)
- 95 I have not used any of these sedatives in the past 12 months
- DK/REF

P20. Can you recall what time period the question was asking about?

Voice 3

SD01 The last questions were about prescription drugs. The next question is about **non-prescription** cough or cold medicines, also known as “**over-the-counter**” medicines. Have you ever, even once, taken a non-prescription cough or cold medicine just to get high?

- 1 Yes
- 2 No
- DK/REF

P21. In your own words, what is this question asking?

CG06 [IF CG05 = 2] How long has it been since you **last** smoked part or all of a cigarette?

- 1 More than 30 days ago but within the past 12 months
- 2 More than 12 months ago but within the past 3 years
- 3 More than 3 years ago

P22. Can you tell me in your own words what that question was asking? [And what were the response categories provided?]

INTROBK [IF SP02 = 1 - 99 OR DK/REF] The next questions are about offenses that are against the law. As you read each question, please answer whether you were arrested and booked for that offense during the **past 12 months**.

SP03a [IF SP02 = 1 - 99 OR DK/REF] In the **past 12 months**, were you arrested and booked for **motor vehicle theft**?

- 1 Yes
- 2 No

P23. In your own words, what is this question asking?

senrelat[IF CURNTAGE = 18 OR OLDER] **During the past 12 months**, how many times did you attend religious services? Please do **not** include special occasions such as weddings, funerals, or other special events in your answer.

- 1 0 times
- 2 1 to 2 times
- 3 3 to 5 times
- 4 6 to 24 times
- 5 25 to 52 times
- 6 More than 52 times

P24. Can you tell me in your own words what that question was asking?

P25. Can you recall what sort of occasions should be excluded when answering this question?

YE09 [IF CURNTAGE = 12 - 17] Have you attended any type of school at any time **during the past 12 months?**

- 1 Yes
- 2 No

P26. Please repeat this question as best you can.

YDS23 [IF YDS22 = 2 OR DK/REF] Have you ever had a period of time lasting several days or longer when you **lost interest and became bored** with most things you usually enjoy, like work, hobbies, and personal relationships?

- 1 Yes
- 2 No
- DK/REF

P27. In your own words, what is this question asking?

P28. Can you remember what time period the question was asking about?

QD17 The next questions are about school. Are you now attending or are you currently enrolled in school? By “school,” we mean an elementary school, a junior high or middle school, a high school, or a college or university. Please include home schooling as well.

- 1 Yes
- 2 No
- DK/REF

P29. In your own words, what is this question asking?

TR01

Please look at the names and pictures of the tranquilizers shown below. Please note that some forms of these tranquilizers may look different from the pictures, but you should include any form that you have used.

In the **past 12 months**, which, if any, of these tranquilizers have you used?

To select more than one drug from the list, press the space bar between each number you have typed. When you have finished, press [ENTER].

- 1 Xanax
 - 2 Xanax XR
 - 3 Alprazolam (generic)
 - 4 Extended-release alprazolam (generic)
 - 95 I have not used any of these tranquilizers in the past 12 months
- DK/REF

P30. Can you tell me in your own words what that question was asking?