



**Behavioral Risk Factor Surveillance System  
Cell Phone Pilot Operational Protocol**

**February 28, 2008**

**Behavior Surveillance Branch  
Centers for Disease Control and Prevention**

## Table of Contents

I. Introduction and Background.....	2
II. Sample Design .....	2
III. Questionnaire.....	3
Cell Phone/Landline Screening Procedure	
Questions To Include In the Cell Phone Screener Instrument	
Questions To Be Included In RDD Instruments	
IV. Data Collection.....	5
Target Number of Completed Interviews.....	5
Survey Data Collection Time Period.....	6
Calling Hours and Number of Call Attempts .....	6
Call Answering and Ring Tones.....	6
Project Toll-Free Telephone Number.....	6
Voice Mail Message Script .....	7
Incentive payment to participants.....	7
How to deal with an out-of-state cell phone number.....	7
Respondent Safety and Location .....	7
Identifying Business-Only Cell Phone Numbers.....	8
Identifying Child/Teen Cell Phones .....	8
Refusal Conversion .....	8
V. Quality Control .....	8
Data Collection.....	8
Call Attempt Outcome Codes.....	8
VI. Data Submission Layout .....	9
Data Delivery Time, Format and Name .....	9
How to Submit Data.....	9
VII. Weighting and Estimation.....	9
VIII. Data File .....	10
References .....	10
Appendix A: Cell Telephone Screening Questions and the Spanish Translation.....	11
Appendix B: CATI Usercodes .....	21
Appendix C: BRFSS Cell Phone Pilot Final Disposition Codes.....	27
BRFSS Cell Phone Pilot Final Disposition Specifications .....	28
BRFSS Cell Phone Pilot Final Disposition Specifications from Abt Associates .....	29
Definitions of Additional Final BRFSS Disposition Codes for the Cell Phone Only Survey .....	30
Disposition Coding Guidelines .....	32
Appendix D: Listing of User2 Values .....	34
Appendix E: Interviewer Job Aids.....	37
Appendix F: The Spanish Translation of Cell Phone Questions in RDD Questionnaire .....	44
Appendix G: The 2008 Cell Phone Survey Questionnaire.....	46

## **I. Introduction and Background**

The Behavioral Risk Factor Surveillance System (BRFSS), one of the world's largest random-digit-dialing (RDD) telephone surveys, tracks health practices, health conditions, and risk behaviors of adults in the United States. State health departments conduct the BRFSS via on-going monthly telephone interviews using a standardized questionnaire, with technical and methodological assistance provided by the Centers for Disease Control and Prevention (CDC). BRFSS data are used to identify emerging health problems; establish and track health objectives; develop, implement, and evaluate a broad array of disease prevention activities; and support health-related legislative efforts.

The BRFSS employs a random-digit-dialing (RDD) sampling strategy. Such strategies have proved to be cost-efficient strategies for conducting surveys of the U.S. household population. However, as the percentage of cell phone-only households (households with no landline but accessible by cell phone) continues to grow, the validity of the basic RDD landline sampling model has come open to question. The continually increasing percentage of households that are abandoning their landline telephones for cell phones has significantly eroded the population coverage provided by landline-based surveys to pre-1970s levels. For the second half of 2006, the percentage of cell phone-only households was 12.8 percent. Moreover, more than half (54.0 percent) of all adults living with unrelated roommates and one in four (25.2 percent) adults aged 18 to 24 years live in cell phone-only households. These adults are not covered by current RDD landline sampling procedures, which exclude telephone exchanges and 1,000 banks used exclusively for cell phones, and the percentages are trending upward. These are some of the same groups that are increasingly under-represented in current RDD landline telephone surveys due to differential nonresponse.

This threat to the validity of traditional RDD surveys such as the BRFSS can best be met by including cell phone-only adults in the survey. Cell phone sampling frames are available from Genesys Sampling Systems and random samples of cell phone numbers can be called, provided that specific protocols are followed. A version of the core BRFSS can be administered to adults who live in households without landline telephone service and through proper weighting procedures these cell phone-only adults can be combined with the landline adults who are currently being interviewed in the BRFSS. This resulting estimate will make it possible to draw inferences to the full population of adults in a state with telephone service and will avoid the potential for bias in the risk factor estimates resulting from just surveying landline adults.

For those interested in more details on this important issue please see:

<http://www.cdc.gov/nchs/data/nhis/earlyrelease/wireless200705.pdf>

[http://www.abtassociates.com/presentations/FCSM2007\\_Practicability\\_of\\_Including\\_Cell\\_Phone\\_Numbers.pdf](http://www.abtassociates.com/presentations/FCSM2007_Practicability_of_Including_Cell_Phone_Numbers.pdf)

## **II. Sample Design**

Twenty-one states were selected for participation in the Cell Phone Pilot (CPP). The target population for the pilot study consisted of persons living in households who have a working cellular telephone, are aged 18 and older, and are living in the selected pilot

states. Cellular telephone numbers are sampled and screened for the presence of adults living in private residences and within the twenty-one pilot states. As a household-based survey, interviews are almost always not conducted with those who live in group quarters. However, in the cell phone pilot interviews will also be conducted with adults in group quarters.

The sample supplier is Marketing Systems Group (MSG). Their sampling frame is based on the Telecordia database of telephone exchanges (e.g., 617-492-000 to 617-492-9999) and 1,000 banks (e.g., 617-492-0000 to 617-492-0999). MSG uses dedicated cellular 1,000 banks, sorted on the basis of area code and exchange within a state. An interval,  $K$ , is formed by dividing the population count of telephone numbers in the frame,  $N$ , by the desired sample size,  $n$ . The frame of telephone numbers is divided into  $n$  intervals of size  $K$  telephone numbers. From each interval, one 10-digit telephone number is drawn at random.

The sample size of telephone numbers in a state is 15,000 or monthly samples of 1,500. Within a state the monthly sample should be divided into 150 random subsamples called replicates each containing 10 sample telephone numbers. The sample should be released in a controlled fashion by replicate so that the target number of interviews can be approximately attained without releasing more sample than needed.

We will also use a new development from MSG which allows them to use Genesys-CSS to flag sample landline telephone numbers that have been ported from landline to cellular service. A high percentage of these numbers are working cell phones and they are much more likely to belong to cell phone-only adults. No additional sampling is needed for adding ported numbers to the cell phone sample because they are selected as part of the landline RDD sample.

### **III. Questionnaire**

Questionnaire for the Cell Phone Survey is the 2008 core BRFSS.

#### **Cell Phone/Landline Screening Procedure**

When a potential respondent is contacted, he or she will be asked questions to determine study eligibility. Specifically, the person answering the telephone will be asked whether they have been reached on a cellular telephone, live in a private residence, are aged 18 years or older, and reside in the state. For those who respond “no” to any of these questions except the private residence question, the interview will be terminated. Those answering yes to all of the screening questions excluding the private residence question will then be asked whether they also had a landline telephone, which is a “regular” telephone, in their home that is connected to outside telephone lines through a cable or cord and is used for making or receiving calls.

All of those having only a cellular telephone will be interviewed (a rough estimate is that about one-third of adults in the sample will only have cellular telephone service), while persons having both types of telephones will *not* be administered the full interview.

#### **Questions To Include In the Cell Phone Screener Instrument**

To determine eligibility for survey, a series of questions will be asked at the beginning of the interview to establish that:

- The correct telephone number has been reached.
- The telephone number belongs to a cell phone.
- The screener respondent is 18 years of age or older.
- The screener respondent lives in a private residence.
  - We should ask the private residence question but not terminate the person if they indicate that they do not live in a household. We will however continue to terminate at this point in the screener if we get a DK or REF.

(The core BRFSS cell phone CATI questionnaire was modified to remove this termination point. Also, we should skip any household level questions in the cell phone core if they do not live in a private residence -- these questions are HH income, number of children in the HH, and number of adults in the HH. In other words, if they are living in a dorm or other type of group quarters, we do not want to ask any household level questions. The CATI call attempt disposition code for "not a private residence" should be removed, but we would keep the call attempt disposition code for "DK/REFUSED private residence question".)

- The screener respondent is a current resident of the state from which their telephone number was selected. If they do not live in the same state, the actual state of residence is asked. This may allow for the transfer of such cases to the appropriate state. In other words, if the adult lives in one of the 21 states, the interview should continue.

If any of these screening questions elicits a negative response, the interview will be terminated. If all questions are answered positively excluding the provide residence question, the screener respondent will then be asked whether or not he or she also has a landline telephone. Those who do not have a landline telephone should proceed to the interview. Those with landline telephones are terminated. The questions are given at the Appendix A.

### **Questions To Be Included In RDD Instruments**

To facilitate weighting of cell phone data when combined with data from the ongoing RDD BRFSS in the state, the state should add questions on cell phone use, sharing, and service interruptions to RDD interviews conducted during the 10 month field period. The questions are shown in Exhibit 1.

The first question (#1) establishes whether or not the respondent has a cell phone for their personal use, including phones that are used for both personal and business purposes. Those with a negative response to the first question (or who answered don't know or refused) will be asked a follow-up question (#2) to determine whether or not the respondent shares a cell phone for personal use with other adults, to ensure that all

cell phone users are identified, regardless of phone “ownership.” Those with a positive response to the first question will be asked whether they usually share the cell phone with any other adults (#3). The fourth question (#4) determines whether adults with landline and cellular telephone service are more likely to use their cell phone to receive calls.

### **Exhibit 1. Cell Phone Questions to Add to RDD Interview**

1. Do you have a cell phone for personal use? Please include cell phones used for both business and personal use.

- 1) YES [SKIP TO Q3]
- 2) NO
- 3) DON'T KNOW
- 4) REFUSED

2. Do you share a cell phone for personal use (at least one-third of the time) with other adults?

- 1) YES [SKIP TO Q4]
- 2) NO [SKIP TO NEXT ITEM AFTER Q4]
- 3) DON'T KNOW [SKIP TO NEXT ITEM AFTER Q4]
- 4) REFUSED [SKIP TO NEXT ITEM AFTER Q4]

3. Do you usually share this cell phone (at least one-third of the time) with any other adults?

- 1) YES
- 2) NO
- 3) DON'T KNOW
- 4) REFUSED

4. Thinking about all the phone calls that you receive on your landline and cell phone, what percent, between 0 and 100, are received on your cell phone?

\_\_\_ %

Record value between 0% and 100%, allow for DK and REF responses.

These 4 questions are inserted into the section of demographics at RDD questionnaire. The corresponding question numbers are 12.19a through 12.19d.

## **IV. Data Collection**

### **Target Number of Completed Interviews**

A minimum of 250 adults who only have a cell phone.

## **Survey Data Collection Time Period**

Ten months (February to November 2008) with a target of 25 interviews per month. However, period of months for cell phone survey could be flexible in order to accommodate state's needs

## **Calling Hours and Number of Call Attempts**

The maximum number of attempts should be at least 5 but no greater than 12. There are 2 shifts per day

Mon - Fri	9am-4pm	4pm-9pm
Sat	9am-1pm	1pm-5pm
Sun	12pm-4pm	4pm-9pm

If a case ends up as an appointment it is given another 12 attempts. In other words, if an appointment is set at attempt 10, the case is eligible for another 12 attempts at that point in time. In the pilot report Abt reports that: "A productivity analysis showed that evening calls were more productive than daytime calls, but weekend calling was not particularly productive." This indicates that daytime and weekend attempts should be made but that a majority of the call attempts should be made on weekday evenings (4-9 PM).

States have the option of extending the calling hours to 10:00 PM local time.

## **Call Answering and Ring Tones**

Some cell phone companies offer a service in which the customer can set personalized ring tones so that incoming callers hear music rather than a usual ring. Therefore, it was necessary for interviewers hearing music after dialing to remain on the line for a short period of time to see whether the respondent or their voicemail would pick up the call. In addition, many cell phone voicemail systems do not pick up until after six or more rings. To ensure that voicemail messages were left appropriately, interviewers were required to allow the phone to ring at least seven times before exiting a case.

Some cell phone companies offer a service in which the customer can set custom ring tones for CALLERS to hear music rather than the normal ring. Therefore if you hear music on the line, it is important to listen for a minute or so to see if the respondent or their voicemail will pick up.

## **Project Toll Free Telephone Number**

A toll-free telephone number should be provided in voicemail messages left for potential respondents. The respondents could use this number to ask questions about the study or to participate immediately.

## **Voice Mail Message Script**

Hello. The <state> Department of State Health Services and the Centers for Disease Control and Prevention are conducting a study about the health of <state> residents. If eligible, you will be paid @\$XX for your time. Please call us, toll-free, at 1-XXX-XXX-XXXX. For most people, the study will be very brief and we would be glad to answer any questions you have. The toll-free number again is 1-XXX-XXX-XXXX. Thank you.

The voice mail message should be left on the 3rd, 9th and 12th voice mail call results.

## **Incentive payment to participants**

It is state's decision on making a payment to participants.

## **How to deal with an out-of-state cell phone number**

There are 21 states participating in the cell phone survey. We have modified the question that asks about state of residence to allow us to complete the interview if the adult completing the screener reports that they live in any of the 21 states. We want to follow this approach because people can live in one state but have a cell phone area code associated with another state. The target number of interviews remains at a total of 250 adults who only have a cell phone, with the understanding that some of those adults may live in one of the other 20 states in the pilot study (our experience from the 3-state pilot study that we conducted in 2007 is that 6% live in a different state). The target of 250 interviews should be evenly spread out over the months the cell phone survey is conducted. If the survey is conducted from February to November, the target is 25 interviews per month.

## **Respondent Safety and Location**

Because cell phone users may take calls in a variety of situations, such as during a routine errand or while driving, it was important for interviewers to determine whether or not the respondent's location would hinder the conduct of an interview. To ensure the safety of respondents during interview administration, the informed consent language read to all respondents asked them to confirm that they were in a place where they could continue with the interview at the time of contact. Some respondents reported that they were driving or otherwise occupied in a way that would hinder participation and/or put them at a safety risk. In such cases, the interviewer would set an appointment for a later date, or simply terminate the call letting the respondent know that he or she would call back at a more convenient time, as the situation required. Even when respondents agreed that they would continue with the interview, interviewers were encouraged to listen for cues that the respondent might be in a distracting situation and, if so, to offer to set an appointment to complete the interview at another time.

The basic training and monitoring guidelines train interviewers to recognize a respondent that might be distracted by looking for the following cues:

- having a conversation with another member in the HH, including a child.
- Background noises.

- Multiple interruptions
- Comments of doing another activity "I'm making dinner, I'm giving my child a bath, I'm driving down the road"

It is important to explicitly confirm with the person that they are not in a distracting situation. The core interview introduction at page 7 of the cell phone only questionnaire includes a safety statement (Is this a safe time to talk with you now or are you driving?). We offer an option to all states: moving up this statement to the screener introduction. One of the two introductions in the survey must contain the safety text. States have the option of placing it early or waiting to the point that the core interview is going to start.

### **Identifying Business-Only Cell Phone Numbers**

A substantial number of cell phone customers use their phones for personal as well as business purposes, making them eligible for the CPP. Only those using their phone exclusively for business purposes are ineligible for the study. Therefore, if an interviewer reached voicemail suggesting that a cellular number is used for business purposes, a pending disposition code is assigned and the case was re-contacted until it could be definitively determined whether or not the number was solely for business use.

### **Identifying Child/Teen Cell Phones**

Persons under the age of 18 are ineligible for the CPP. However, if a cell phone is used by both children or teenagers and an adult aged 18 or older, attempts will be made to contact the adult user in order to conduct the CPP interview. Thus, when interviewers reached an answering party under age 18, they should probe to determine whether or not the cell phone belongs to the child or teenager exclusively or if it is shared by their parent or another adult, and the case should be coded appropriately.

### **Refusal Conversion**

If respondents ask not to be called on their cell phone, interviewers should attempt to avert a refusal by asking for another telephone number including landlines at which the respondent could be contacted or if there is a better time for them to take a call via cell phone (e.g., when incoming calls would not incur a cost). No further attempt will be made to contact respondents who would not provide this information. However, more general, non-hostile refusals are re-contacted once for a conversion attempt.

## **V. Quality Control**

### **Data Collection**

The CPP CATI system will be programmed to help ensure complete and accurate data collection, using automated data-checking techniques such as consistency edit checks. These features enabled interviewers to obtain needed clarifications while still on the telephone with the respondent.

### **Call Attempt Outcome Codes**

The User Code, Final Disposition and Rules columns in the Appendix B indicate the call attempt outcome codes that we set up in the Bellview Fusion CATI system. Interview Group indicates the routing of specific cases to special interviewers such as Spanish speaking interviewers and Refusal Conversion Specialists.

The SAMP\_CAT (final status classification) column refers to a variable that was created outside of the CATI system after the data collection has been completed. The Appendix B gives the specifications for the creation of this variable and also the findisp variable.

## **VI. Data Submission Layout**

All states conducting cell phone pilot study in 2008 use the BRFSS upload/download site to send data to BSB and to download data and reports from BSB once these are ready. For example once BSB complete the format, PC edit etc... BSB will upload these documents on the site. Then, states could download these files.

### **Data delivery time, format and name:**

BSB expect the states to submit the cell phone pilot data monthly after running it through PC edit.

The format for the data is the same as the current RDD data.

The name of the data should be: CEL\_Name of the state, the month, the year.DAT. For example: CEL\_TXFEB08.DAT

### **How to submit data:**

The coordinators can log in using their BRFSS userid and password; then they need to select

1. Special Surveys then go to
2. Cell phone survey then they can choose from the following options:
  - a) Submit Files
  - b) Previously Submitted Data Files
  - c) Downloadable Files

## **VII. Weighting and Estimation**

Sampling weights will be calculated for the cell phone survey sample later by CDC.

## **VIII. Data File**

SAS (v9) data files are the final data file product. The files, along with necessary documentation, include SAS programs to create the format library. For confidentiality purposes, all names and telephone numbers will be removed from the file.

Detailed cleaning programs will be created to:

1. Check for duplicate cases.
2. Verify the valid number of completed cases in the data file.
3. Check that all data elements for a completed case are present.
4. Check that values are within specified ranges and that skip patterns are followed.

After all edits are made, a final frequency report will be reviewed for completeness.

## **References**

American Association for Public Opinion Research (AAPOR). 2004. Standard Definitions: Final Dispositions of Case Codes and Outcome Rates for Surveys 3rd ed. Ann Arbor, MI: AAPOR.

Blumberg SJ, Luke JV. Wireless substitution: Early release of estimates based on data from the National Health Interview Survey, July – December 2006. National Center for Health Statistics. Available from <http://www.cdc.gov/nchs/nhis.htm>. May 14, 2007.

## **Appendix A**

### **Cell Telephone Screening Questions and the Spanish Translation**

# Cell Telephone Screening Questions

## GENERAL CATI PROGRAMMING INSTRUCTIONS

### INITIAL INTRO

HELLO, I am calling for the [STATE] Department of State Health Services. My name is XXX. We are gathering information about the health of [STATE] residents (if person reports that they do not live in the state mentioned, tell them that they may still be eligible to participate) and you will be paid (optional additional text -- [\$1] for answering the next few questions and) [\$10] for any time you spend answering our questions if you are eligible for this study. This project is conducted by the health department with assistance from the Centers for Disease Control and Prevention.

I have just a few questions to find out if you are eligible for the study.

**CONF\_PHN** Is this (PHONE NUMBER) ?

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

1 YES [Go to CONF\_CELL]  
2 NO  
7 DON'T KNOW / NOT SURE  
9 REFUSED

**IF "NO",**

Thank you very much, but I seem to have dialed the wrong number. It's possible that your number may be called at a later time. **STOP - USER CODE 31**

**IF "DON'T KNOW", "REFUSED",**

Thank you for your time. **STOP - USER CODE 32**

**CONF\_CELL** Is this a cellular telephone?

**READ ONLY IF NECESSARY:** "By cellular telephone, we mean a telephone that is mobile and usable outside of your neighborhood."

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

1 YES [Go to CONF\_ADULT]  
2 NO  
7 DON'T KNOW / NOT SURE  
9 REFUSED

**IF "NO",**

Thank you very much, but we are only interviewing cell telephones at this time.

**STOP - USER CODE 33**

**IF "DON'T KNOW", "REFUSED",**

Thank you very much for your time. **STOP - USER CODE 34**

**CONF\_ADULT** Are you 18 years of age or older?

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

1 YES [Go to CONF\_PRIVRES]  
2 NO

- 7 DON'T KNOW / NOT SURE
- 9 REFUSED

**IF "NO",**

Thank you very much, but we are only interviewing persons aged 18 or older at this time. **STOP – USER CODE 35**

**IF "DON'T KNOW", "REFUSED",**

Thank you very much for your time. **STOP – USER CODE 36**

**CONF\_PRVRES** Do you live in a private residence, that is, not in a dormitory or other type of group living situation?

**READ ONLY IF NECESSARY:** "By private residence, we mean someplace like a house or apartment."

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY. THE PERSON DOES NOT NEED TO BE PHYSICALLY LOCATED IN THEIR PRIVATE RESIDENCE.

- 1 YES [Go to CONF\_STATE]
- 2 NO [Go to CONF\_STATE]
- 7 DON'T KNOW / NOT SURE
- 9 REFUSED

**IF "DON'T KNOW", "REFUSED",**

Thank you very much for your time. **STOP – USER CODE 38**

**CONF\_STATE** Are you a resident of [STATE]?

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

- 1 YES [Go to LANDLINE]
- 2 NO [Go to STATE]
- 7 DON'T KNOW / NOT SURE
- 9 REFUSED

**IF "DON'T KNOW", "REFUSED",**

Thank you very much for your time. **STOP – USER CODE 40**

**STATE** In what state do you live?

- \_\_\_\_\_ ENTER FIPS STATE
- 99 REFUSED

If person reports that they live in one of the following 21 states (WA, MA, CT, VA, MS, SC, GA, MN, MI, WI, LA, NE, IA, MO, MT, HI, CA, FL, NY, IL, PA), **continue to LANDLINE.**

If not: Thank you very much, but we are not interviewing in your state at this time. **STOP – USER CODE 39**

**LANDLINE** Do you also have a landline telephone in your home that is used to make and receive calls?

**READ ONLY IF NECESSARY:** "By landline telephone, we mean a "regular" telephone in your home that is connected to outside telephone lines through a cable or

cord and is used for making or receiving calls.” Please include landline phones used for both business and personal use.

**INTERVIEWER: TELEPHONE SERVICE OVER THE INTERNET COUNTS AS LANDLINE SERVICE. PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.**

- 1 YES
- 2 NO
- 7 DON'T KNOW / NOT SURE
- 9 REFUSED

**IF "NO", GO TO SURVEY INTRO  
IF "DK" or "REF", GO TO TERMINATION  
IF "YES", ASK**

4. Thinking about all the phone calls that you receive on your landline and cell phone, what percent, between 0 and 100, are received on your cell phone?

\_\_\_ %

Record value between 0% and 100%, allow for DK and REF responses.

**TERMINATION**

Thank you very much. Those are all the questions that I have for you today.

In appreciation for the time you have spent answering our questions, we would like to provide you with (amount to be determined) in compensation. Would you please give me your name and address so that we can send you the one dollar payment?

**COLLECT NAME AND ADDRESS**

**NAME** (What is your name?) ENTER NAME

**ADDRESS** (What is your street address?) ENTER STREET ADDRESS

**CITY** (What is your city?) ENTER CITY

**STATE** (What is the state?) ENTER STATE

**ZIP** (What is your zip code?) ENTER ZIP CODE

**STOP – USER CODE 41**

### **SURVEY INTRO**

Your telephone number has been chosen randomly, and I would like to ask some questions about health and health practices. You do not have to answer any question you do not want to, and you can end the interview at any time. Any information you give me will be confidential. If you have any questions, I will provide a telephone number for you to call to get more information. In appreciation for the time that you spend answering our questions, we will provide you with [ten] dollars in compensation for this brief ten-minute interview. **Is this a safe time to talk with you now or are you driving? (STATES HAVE THE OPTION OF MOVING THIS TEXT TO THE END OF THE INITIAL INTRODUCTION ABOVE.)**

Core BRFSS questions go here.

### **Closing Statement**

#### **Please read:**

That is my last question. Everyone's answers will be combined to give us information about the health practices of people in this state.

In appreciation for the time you have spent answering our questions, we would like to provide you with [ten] dollars in compensation. Would you please give me your name and address so that we can send you the [ten] dollar payment?

#### **COLLECT NAME AND ADDRESS**

**NAME** (What is your name?) ENTER NAME

**ADDRESS** (What is your street address?) ENTER STREET ADDRESS

**CITY** (What is the city?) ENTER CITY

**STATE** (What is the state?) ENTER STATE

**ZIP** (What is your zip code?) ENTER ZIP CODE

Thank you very much for your time and cooperation.

## Guión para el encuestador

HOLA, llamo de parte del **(departamento de salud)**. Mi nombre es **(nombre)**. Estamos recaudando información sobre la salud de los residentes de **(estado)** (si la persona que responde dice que no vive en el estado mencionado, dígame que aún así es probable que pueda participar). Se le pagará (texto adicional opcional -- [\$1] por responder las siguientes preguntas) [\$10] por el tiempo que dedique a responder nuestras preguntas si usted es elegido/a para participar en este estudio. Este proyecto lo lleva a cabo el departamento de salud con la asistencia de los Centros para el Control y la Prevención de Enfermedades.

Voy a hacerle unas cuantas preguntas para saber si usted cumple con los requisitos para participar en el estudio.

### CTELNUM1

¿Hablo con el **(número de teléfono)**?

(ENTREVISTADOR: POR FAVOR CONFIRME LAS RESPUESTAS NEGATIVAS A FIN DE ASEGURARSE DE QUE EL ENTREVISTADO HAYA OÍDO Y ENTENDIDO CORRECTAMENTE).

(213)

- |   |                            |                    |
|---|----------------------------|--------------------|
| 1 | SÍ                         | [Pase a CELLFON2]] |
| 2 | NO                         |                    |
| 7 | NO SABE / NO ESTÁ SEGURO/A |                    |
| 9 | SE NIEGA A CONTESTAR       |                    |

**Si la respuesta es "No",**

Disculpe; es probable que haya llamado a un número equivocado. Es posible que su número sea seleccionado en otra oportunidad. Gracias por su atención.

Adiós. **CUELGUE**

**Si la respuesta es "No sabe", "Se niega a contestar",**  
**Gracias por su atención. CUELGUE**

### CELLFON2

¿Estoy llamando a un teléfono celular?

[Léalo solo si es necesario: "Por teléfono celular queremos decir un teléfono móvil y que pueda usarse fuera de su vecindario".

(ENTREVISTADOR: POR FAVOR CONFIRME LAS RESPUESTAS NEGATIVAS A FIN DE ASEGURARSE DE QUE EL ENTREVISTADO HAYA OÍDO Y ENTENDIDO CORRECTAMENTE).

(214)

- |   |                            |                 |
|---|----------------------------|-----------------|
| 1 | SÍ                         | [Pase a CADULT] |
| 2 | NO                         |                 |
| 7 | NO SABE / NO ESTÁ SEGURO/A |                 |
| 9 | SE NIEGA A CONTESTAR       |                 |

**Si la respuesta es "No",**

**Muchísimas gracias, pero en este momento solo estamos entrevistando a través de teléfonos celulares. CUELGUE**

**Si la respuesta es "No sabe", "Se niega a contestar",**  
**Gracias por su atención. CUELGUE**

**CADULT**

**¿Tiene usted 18 años de edad o más?**

(ENTREVISTADOR: POR FAVOR CONFIRME LAS RESPUESTAS NEGATIVAS A FIN DE ASEGURARSE DE QUE EL ENTREVISTADO HAYA OÍDO Y ENTENDIDO CORRECTAMENTE). PREGÚNTELE DE QUÉ SEXO ES, SI ES NECESARIO.

(215)

- 1 **SÍ; la persona entrevistada es de sexo masculino**  
[Pase a PVTRES2]
- 2 **SÍ; la persona entrevistada es de sexo femenino** [Pase a PVTRES2]
- 3 **NO**
- 7 **NO SABE / NO ESTÁ SEGURO/A**
- 9 **SE NIEGA A CONTESTAR**

**Si la respuesta es “No”,  
Muchísimas gracias, pero en este momento solo estamos entrevistando a personas de 18 años de edad o más. CUELQUE  
Si la respuesta es “No sabe”, “Se niega a contestar”,  
Muchas gracias por su atención. CUELQUE**

**PVTRES2**

**¿Vive usted en una residencia privada, es decir, no es una residencia estudiantil ni otro tipo de vivienda colectiva?**

**[LÉALO SÓLO SI ES NECESARIO:** “Por residencia privada queremos decir una vivienda tipo casa o apartamento”.

(ENTREVISTADOR: POR FAVOR CONFIRME LAS RESPUESTAS NEGATIVAS A FIN DE ASEGURARSE DE QUE EL ENTREVISTADO HAYA OÍDO Y ENTENDIDO CORRECTAMENTE). LA PERSONA NO TIENE QUE ESTAR FÍSICAMENTE UBICADA EN SU RESIDENCIA PRIVADA.

(216)

- 1 **SÍ** [Pase a CSTATE]
- 2 **NO** [Pase a CSTATE]
- 7 **NO SABE / NO ESTÁ SEGURO/A**
- 9 **SE NIEGA A CONTESTAR**

**Si la respuesta es “No sabe”, “Se niega a contestar”,  
Muchas gracias por su atención. CUELQUE**

**CSTATE**

**¿Reside usted en [ESTADO]?**

(ENTREVISTADOR: POR FAVOR CONFIRME LAS RESPUESTAS NEGATIVAS A FIN DE ASEGURARSE DE QUE EL ENTREVISTADO HAYA OÍDO Y ENTENDIDO CORRECTAMENTE).

(217)

- 1 **SÍ** [Pase a LANDLINE]
- 2 **NO** [Pase a STATE]
- 7 **NO SABE / NO ESTÁ SEGURO/A**
- 9 **SE NIEGA A CONTESTAR**

**Si la respuesta es “No sabe”, “Se niega a contestar”,  
Muchas gracias por su atención. CUELQUE**

**RSPSTATE** ¿En qué estado vive usted?

(218-  
219)

\_\_\_\_ ENTRE EL ESTADO  
99 SE NIEGA A CONTESTAR

Si el entrevistado responde que vive en uno de los siguientes 21 estados (CA, CT, FL, GA, HI, IA, IL, LA, MA, MI, MN, MO, MS, MT, NE, NY, PA, SC, VA, WA, WI, WA);

**pase a LANDLINE.**

**Si no es así:** Muchísimas gracias, pero en este momento no estamos entrevistando en su estado. **CUELQUE**

**LANDLINE** ¿Tiene usted también un teléfono fijo en su casa que se utilice para hacer y recibir llamadas?

**[LÉALO SÓLO SI ES NECESARIO:** "Por teléfono fijo queremos decir un teléfono "normal" en su casa, que esté conectado a una línea telefónica externa a través de un cable y que se use para hacer y recibir llamadas. Por favor incluya los teléfonos fijos tanto de uso comercial como privado".

**NOTA:** el servicio de teléfono por Internet se considera servicio de teléfono fijo.  
POR FAVOR CONFIRME LAS RESPUESTAS NEGATIVAS A FIN DE ASEGURARSE DE QUE EL ENTREVISTADO HAYA OÍDO Y ENTENDIDO CORRECTAMENTE).

(220)

1 SÍ  
2 NO  
7 NO SABE / NO ESTÁ SEGURO/A  
9 SE NIEGA A CONTESTAR

**Si la Respuesta es "No", PASE A INTRODUCCIÓN DE LA ENTREVISTA**  
**Si la respuesta es "No sabe" o "Se niega a contestar", PASE A FIN DE LA**

**ENTREVISTA**

**PCTCELL**

Piense en todas las llamadas que recibe tanto a través de su línea de teléfono fija como a través del teléfono celular. ¿Qué porcentaje, del 1 al 100, de esas llamadas recibe a través del teléfono celular?

(221-  
223)

\_\_\_ Entre el porcentaje (1 al 100)  
8 8 8 Cero  
7 7 7 No sabe / No está seguro/a  
9 9 9 Se niega a contestar

## **FIN DE LA ENTREVISTA**

**Muchas gracias. Estas son todas las preguntas que quería hacerle hoy.**

En agradecimiento por el tiempo que dedicó a responder nuestras preguntas, queremos hacerle entrega de una compensación de (cantidad por determinarse). Por favor ¿sería tan amable y me da su nombre y teléfono para que yo pueda enviarle el pago de un dólar?

### **APUNTE EL NOMBRE Y LA DIRECCIÓN**

**NOMBRE** (¿Cómo se llama?) **ENTRE EL NOMBRE**

**DIRECCIÓN POSTAL** ¿Cuál es su dirección postal? **ENTRE LA DIRECCIÓN POSTAL**

**CIUDAD** (¿Cuál es la ciudad?) **ENTRE LA CIUDAD**

**ESTADO** (¿Cuál es el estado?) **ENTRE EL ESTADO**

**CÓDIGO POSTAL** (¿Cuál es su código postal?) **ENTRE EL CÓDIGO POSTAL**  
**CUELQUE**

## **INTRODUCCIÓN DE LA ENTREVISTA**

Su número de teléfono fue seleccionado al azar para esta encuesta, por lo que desearía hacerle algunas preguntas sobre salud y sus prácticas de salud. Si hay alguna pregunta que no desea contestar, no tiene que hacerlo. También puede dar por terminada esta entrevista en cualquier momento. Toda la información que usted me brinde será confidencial. Si tiene alguna pregunta, le daré un número de teléfono al cual puede llamar para pedir la información que necesita. En agradecimiento por el tiempo que ha dedicado a responder las preguntas de esta entrevista de 10 minutos, le daremos [diez] dólares. ¿Es este el mejor momento para hablar o está usted manejando?

## **Párrafo de cierre, transición a módulos y preguntas complementarias hechas por los estados**

### **Párrafo de cierre**

#### **Por favor lea:**

Esa fue mi última pregunta. Las respuestas de todas las personas encuestadas se combinarán para brindarnos información sobre las prácticas de salud de la población de este estado. Muchas gracias por su tiempo y cooperación.

En agradecimiento por el tiempo que dedicó a responder nuestras preguntas, queremos hacerle entrega de una compensación de (cantidad por determinarse). Por favor ¿sería tan amable y me da su nombre y teléfono para que yo pueda enviarle el pago de diez dólar?

### **APUNTE EL NOMBRE Y LA DIRECCIÓN**

**NOMBRE** (¿Cómo se llama?) **ENTRE EL NOMBRE**

**DIRECCIÓN POSTAL**    ¿Cuál es su dirección postal? ENTRE LA DIRECCIÓN  
**CIUDAD**                    (¿Cuál es la ciudad?) ENTRE LA CIUDAD  
**ESTADO**                    (¿Cuál es el estado?) ENTRE EL ESTADO  
**CÓDIGO POSTAL**                    (¿Cuál es su código postal?) ENTRE EL  
**CÓDIGO POSTAL**  
**CUELGUE**

Muchas gracias por su tiempo y cooperación.

## **Appendix B**

### **CATI User Codes**

# CATI Usercodes

Rules assume 2 shifts per day

User Code	SAMP CAT	Final Disposition	Rules	Location	Interviewer Group
A.APPT	Should be 5 if T1 used correctly	Call-Back midway	Sets callback for time specified by T1	T1 special menu = 8	
B.ENG	1,3,5	Busy/Fast Busy	Schedule for 30 minutes later	MAKCAL = 90	
C.NOR	1,3,5	No Answer	3 Shifts	MAKCAL = 91	
D.QF		Quota Fail	Not Scheduled	n/a	
E.RF	1, 3 or 5	Initial Refusal	Scheduled for refusal conversion in 12 Shifts	INTRO = 03, REFSTR1 = 3	Routes to group 20, unless previously flagged as Spanish or Locating sample (see groups listed at bottom of spreadsheet).
F.TE					
G.UNO					
H.BOOKED					
I.COM		Complete (without open-ends)	Not Scheduled	n/a	
J.KEYED					
K.SMP		1 Fresh		n/a	
L.ToCode		6 Complete	Not Scheduled	n/a	
User1	1,3, 5	Scheduled call back	Sets callback for time specified by T1	INTRO = 93	
User2	1,3, 5	General call back	3 Shifts	INTRO = 92	
User3	3, 5	Answering Machine - Residence, Confirmed Respondent Number (R.D.D. Studies Only)	3 Shifts	MAKCAL = 89, AM_RSLT = 2	
User4		2 Answering Machine - Non-Residence	Not Scheduled	MAKCAL = 89, AM_RSLT = 4	
User5	N/A - Do not use	Answering Machine - No Info Available	3 Shifts	MAKCAL = 89, AM_RSLT = 3	
User6	N/A - do not use	Answering Machine - Residence, Confirmed Respondent Name (List Studies Only)	3 Shifts	MAKCAL = 89, AM_RSLT = 1	
User7	1,3, 5	Answering Machine - No Confirmed Respondent Name or Phone	3 Shifts	MAKCAL = 89, AM_RSLT = 3	
User8	1,3, 5	Temporary Disconnected	14 Shifts	MAKCAL = 95	
User9	1,3, 5	Fax/Modem/Beeps/TTY/Noise On Line	12 Shifts	MAKCAL = 30	
User10	N/A - do not use	Mobile/Cell Phone	Not Scheduled	MAKCAL = 31	
User11	N/A - do not use	Off-Shift callback	Not Scheduled	INTRO = 32	

User12	1,3,5	Respondent Will Call Us	12 Shifts	INTRO = 96	
User13	3,5	Phys./Mental Impairment	Not Scheduled	INTRO = 22	
User14	N/A - do not use	Not Available During Study Period	Not Scheduled	INTRO = 23	
User15	3,5	Language Barrier (Not Spanish)	Not Scheduled	INTRO = 5, TYPELANG = 2,	
User16	3,5	Language Barrier (Not Identified)	2 Shifts (Assign to Spanish Group)	INTRO = 5, TYPELANG = 98	Routes to group 21, unless previously flagged as RC or locating sample (please see groups at bottom of this spreadsheet).
User17	1,3,5	Spanish	2 Shift (Assign to Spanish Group)	INTRO = 5, TYPELANG = 1	Routes to group 21, unless previously flagged as RC or locating sample (please see groups at bottom of this spreadsheet).
User18	5	Respondent Deceased	Not Scheduled	INTRO = 24	
User19	2	Wrong #	Not Scheduled	INTRO = 25	
User20	2	Business #	Not Scheduled	MAKCAL = 7	
User21	1,3	Privacy Manager	9 Shift	MAKCAL = 21,	
User22	2,3	# Changed	Not Scheduled	MAKCAL = 98	
User23	2,3,5	Final Disconnected	Not Scheduled	MAKCAL = 26	
User24	Do not use	Nonpublished #	Not Scheduled	MAKCAL = 99, DA_RESLT = 2	
User25	Do not use	Nonpublished # (Address Confirmed)	Not Scheduled	MAKCAL = 99, DA_RESLT = 3	
User26	1,3,5	Maximum Attempts - 10 Calls with No Answer	Not Scheduled	n/a	
User27	Do not use	Voicemail	1 Shift	MAKCAL = 11	
User28	2,3,5	Final Fax/Modem	Not Scheduled	MAKCAL = 30 with previous user28	
User29	Do not use	DA - No Listing Available	Not Scheduled	MAKCAL = 99, DA_RESLT = 4	
User30	Do not use - No max attempts for CB	Maximum Attempts - Specific CB in call history	Not Scheduled	n/a	
User31	2	Wrong Number	Not Scheduled	CONF_PHN=2	
User32	1	Terminates - DK/REFUSED to Confirm Number	Not Scheduled	CONF_PHN=7,9	
User33	2	Terminates - Not a Cell Phone	Not Scheduled	CONF_CELL=2	
User34	1	Terminates - DK/REFUSED to Confirm if Cell Phone	Not Scheduled	CONF_CELL=7,9	
User35	4	Terminates - Person Under 18	Not Scheduled	CONF_ADULT=2	

User36	3	Terminates - DK/REFUSED 18 or Older Question	Not Scheduled	CONF_ADULT=7,9	
User37	4	Terminates - Not a Private Residence	Not Scheduled	CONF_PRIVRES=2	
User38	3	Terminates - DK/REFUSED Private Residence Question	Not Scheduled	CONF_PRIVRES=7,9	
User39	4	Terminates - Not in Target State	Not Scheduled	CONF_STATE=2	
User40	3	Terminates - DK/REFUSED Target State Question	Not Scheduled	CONF_STATE=7,9	
User41	7	Terminates - Sample 2, Cell/Landline, Not Subsampled	Not Scheduled	LANDLINE=1, SAMPLE=2, SUBSAMPLE=2	
User42	4	Terminates - Sample 1, Not Cell-only	Not Scheduled	LANDLINE=1, SAMPLE=1	
User43	3	Terminates - DK/REFUSED Landline Question	Not Scheduled	LANDLINE=7,9	
User44		Terminates	Not Scheduled	n/a	
User45		Terminates	Not Scheduled	n/a	
User46		Terminates	Not Scheduled	n/a	
User47		Tracking SCB	Not Scheduled	n/a	
User48		Tracking - Facesheet	Not Scheduled	SUPER = 48	Routes to group 23
User49		Tracking - Needs Review	Not Scheduled	n/a	
User50		Tracking Hold	Not Scheduled	SUPER = 2	Routes to group 23
User51		Tracking	Not Scheduled	n/a	
User52		Tracking	Not Scheduled	n/a	
User53		Tracking	Not Scheduled	n/a	
User54		Tracking	Not Scheduled	n/a	
User55		Tracking	Not Scheduled	n/a	
User56		Re-released - Low Priority	Schedules for 30 minutes later	SUPER = 3, SUP_REL = 1	
User57		Re-released - Medium Priority	Schedules for 30 minutes later	SUPER = 3, SUP_REL = 2	
User58		Re-released - High Priority	Schedules for 30 minutes later	SUPER = 3, SUP_REL = 3	
User59		Re-released	Not Scheduled	n/a	
User60		Re-released	Not Scheduled	n/a	
User61	1	Fresh	Not Scheduled	n/a	
User62	1	Fresh	Not Scheduled	n/a	
User63	1	Fresh	Not Scheduled	n/a	
User64	1	Fresh	Not Scheduled	n/a	
User65	1	Fresh	Not Scheduled	n/a	
User66	1	Fresh	Not Scheduled	n/a	
User67	1	Fresh	Not Scheduled	n/a	
User68	1	Fresh	Not Scheduled	n/a	
User69	1	Fresh	Not Scheduled	n/a	
User70	1	Fresh	Not Scheduled	n/a	
User71		Cambridge	Not Scheduled	n/a	
User72		Cambridge	Not Scheduled	n/a	

User73		Cambridge	Not Scheduled	n/a	
User74		Cambridge	Not Scheduled	n/a	
User75		Cambridge	Not Scheduled	n/a	
User76	Do not use	Needs Directory Assistance	Schedules for 10 minutes later	MAKECAL = 94	
User77	Do not use	Directory Assistance Lookup	Schedules for 10 minutes later	MAKECAL = 99, DA_RESLT = 1	
User78	1,3 or 5	Final Max Attempts (Refusal)	Not Scheduled	n/a	Routes to group 20
User79		Amherst	Not Scheduled	n/a	
User80		Amherst	Not Scheduled	n/a	
User81	1,3,5	Privacy Manager Take Off List	Not Scheduled	MAKECAL = 21, PM_RSLT = 1, PM_DENY = 1	Routes to group 20
User82	1,3,5	Privacy Manager Denied Call	12 Shifts	MAKECAL = 21, PM_RSLT = 1, PM_DENY = 2	
User83	1,3,5	Final Privacy Manager Denied Call	Not Scheduled	MAKECAL = 21, PM_RSLT = 1, PM_DENY = 2 (with two previous user82 in call history)	
User84		5 Breakoffs	Scheduled for Refusal Conversion in 12 Shifts	TI special menu = 14	Routes to group 20
User85	1,3,5	Hangup During Introduction (HUDI)	12 Shifts	MAKCAL = 6	
User86	3,5	GK Refusals	Scheduled for Refusal Conversion in 12 Shifts	INTRO = 2	Routes to group 20
User87	1,3,5	Final Hangup During Introduction	Not Scheduled	INTRO = 6 with 2 previous HUDI's	
User88	1,3 or 5	Final Refusal	Not Scheduled	INTRO = 3 with previous refusal	Routes to group 20
User89	1,3 or 5	Hostile/Firm Refusal	Not Scheduled	INTRO = 3, REFSTR1 = 1	Routes to group 20
User90	1,3 or 5	Take off List Refusals	Not Scheduled	INTRO = 3, REFSTR1 = 2	Routes to group 20
User91		5 Detail Hositle/Firm Refusal	Not Scheduled	n/a	
User92		5 Detail Take off List Refusal	Not Scheduled	SUPER = 92	
User93		Sent to Field	Not Scheduled	SUPER = 92	
User94		Sent to Field	Not Scheduled	SUPER = 92	
User95		5 HH Needs Review	Not Scheduled	SUPER = 92	
User96		Sent to Field	Not Scheduled	SUPER = 92	
User97	3,5	Final Other	Not Scheduled	MAKECAL = 97 or INTRO = 97	
User98	3,5	Final Other (Reviewed)	Not Scheduled	SUPER = 98	
User99		Final Unlocatable	Not Scheduled	SUPER = 4	
User100		Dropped Dead	Not Scheduled	n/a	

<b>Standard Group #'s</b>	<b>Group Assignment</b>
General	group 1
Refusal	group 20
Spanish	group 21
Spanish Refusal	group 22
Locating	group 23
Locating Spanish	group 24
Locating Refusal	group 25
Locating Spanish	
Refusal	group 26
Max Attempts	group 32
Remail Sample	group 44

**NOTE:** Moving sample & routing sample to a group (without coding) will not make changes on the Twinkle reports.

## **Appendix C**

### **BRFSS Cell Phone Pilot Final Disposition Codes**

## BRFSS Cell Phone Pilot Final Disposition Specifications

Current BRFSS Disposition Codes and additional codes necessary to conduct the Cell Phone Only survey in 2008. Five additional final codes have been added and are highlighted below. The “HH” reference to household will be serving as a valid Cell Phone in a few instances in order for the current calling rules to work with the final disposition codes while “Resp. Sel.” in the cell phone pilot means that the adult has completed the screener interview and is eligible for the Core BRFSS interview.

<b>Code</b>	<b>Description</b>	<b>Property</b>	<b>Abt Cell Pilot Final Disp Codes</b>
110	Completed Interview	Final	1
120	Partial Completed Interview	Final	2
210	Term. in Quest.	Final	3
220	Refusal – Resp. Sel.	Final	3
230	Not Interviewed - Resp. Sel. Removed 240	Final	3
250	Language Barrier - Resp. Sel.	Final	3
260	Unable to Communicate - Resp. Sel. Removed 270, 280, 305	Final	3
310	Hang Up or Term. - Unknown if Elig. Resp. Removed 315	Final	13
317	Cell Contact – Unkn if Elig. Resp (CP Study)	Final	11
319	Contact – Unknown if Elig. Resp (CP Study)	Final	11
320	Lang. Barrier - Bef. Resp. Sel.	Final	15
325	Unable to Communicate – Bef. Resp. Sel.	Final	15
330	Hang Up or Term. – Unknown if working cell phone	Final	13
332	Contact, unknown if working cell phone	Final	13
335	Tel. Ans. Device - Is working cell phone	Final	12
340	Tech. Barrier - Is working cell phone	Final	12
345	Tel. Ans. Device - Not Sure if working cell phone.	Final	14
350	Tech. Barrier - unknown if working cell phone.	Final	16
355	Phone no longer in service or changed	Final	16
360	No Answer	Final	14
365	Busy	Final	14
370	On Never Call List	Final	16
405	Not in one of the 21 states	Final	10
415	Cell Phone – Not An Adult. (CP Study) Removed 420	Final	8
422	Cell Phone – Business Only (CP Study)	Final	16
425	Landline Phone (CP Study)	Final	7
430	Dedicated Fax/data/modem Removed 435	Final Final	16 NA
437	Cell Phone with Landline in HH (CP Study)	Final	5
440	Fast Busy	Final	16
450	Non-working/Disconnected	Final	16
455	Wrong Number (Person indicates number dialed is incorrect – CP Study)	Final	6
505	T. Refusal - Hang Up or	Callback *or Refusal	
510	T. Appointment	Callback	

515	T. Language Barrier	Callback
520	T. Physical or Mental Impairment	Callback
525	T. Ans. Mach. - Is working cell phone.	No Answer
530	T. Tech. Barrier – Is working cell phone.	No Answer
535	T. Ans. Mach. – unknown if working cell phone.	No Answer
540	T. Tech. Barrier – unknown if working cell phone.	No Answer
545	T. Phone temp. Out of Service	Callback
550	T. No Answer	No Answer
555	T. Busy	Busy
560	T. Fax/Data/Modem	No Answer
565	T. Fast Busy	No Answer
570	T. Non-working	No Answer
575	T. Circuit Busy	No Answer
580	T. Null Attempt	Callback
585	T. Supervisor Attention	Callback

T. = inTerim disposition code (I is not used because it looks too much like a one).

Quest. = Questionnaire

HH = House Hold

Resp. = Respondent

HU = Hang Up

Sel. = Selected

Elig. = Eligible

Bef. = Before

Term. = Terminate

## **BRFSS Cell Phone Pilot Final Disposition Specifications from Abt Associates**

### **Final Disposition Listing**

1-Eligible, completed interview

2-Eligible, partial interview

3-Eligible, interview not completed

5-Ineligible, cell number, landline in HH

6-Ineligible, not correct telephone number

7-Ineligible, not cell phone number

8-Ineligible, cell number but respondent not adult

10-Ineligible, cell number, not in one of the pilot states

11-Unknown eligibility, known cell phone, screener incomplete

12-Unknown eligibility, voicemail at all attempts

13-Unknown eligibility, hang-up/refusal at all attempts

14-Unknown eligibility, no answer (combination of busy, ring-no-answer, etc.) at all attempts

15-Unknown eligibility, combination of voicemail, refusal, and no answer at all attempts.

16-Out of Scope.

## **Definitions of Additional Final BRFSS Disposition Codes for the Cell Phone Only Survey:**

### 317 Cell Phone contact, eligibility undetermined (CP Study)

*Definition:* A respondent verified the telephone number reaches a cellular phone and asked to be called again later one or more times before answering the adult question. On the surface, this is a postponement that was never re-started but may be an implicit refusal. This differs from 310 in that the respondent never explicitly refuses.

*Callback Rules:* Give final disposition only after (a) at least 3 calling occasions (each consisting of no more than 2 attempts at least one hour apart) for a minimum total of 5 call attempts, and (b) the 5 or more call attempts consist of at least 1 weekday call, 1 weeknight call, and 1 weekend call.

### 319 Contact, eligibility undetermined (CP Study)

*Definition:* A respondent verified the telephone number and asked to be called again later one or more times before answering the cell phone question. On the surface, this is a postponement that was never re-started but may be an implicit refusal. This differs from 310 in that the respondent never explicitly refuses.

*Callback Rules:* Give final disposition only after (a) at least 3 calling occasions (each consisting of no more than 2 attempts at least one hour apart) for a minimum total of 5 call attempts, and (b) the 5 or more call attempts consist of at least 1 weekday call, 1 weeknight call, and 1 weekend call.

### 415 Cell Phone, Not an Adult (CP Study)

*Definition:* The person who answered the cell phone is not 18 years of age or older. The code is to be assigned when the respondent indicates he or she is not 18 years of age or older.

*Callback Rules:* Give final disposition when informed.

### 422 Cell Phone – Business Only (CP Study)

*Definition:* The person answering the phone identifies the telephone number as a cell phone used only for a business, an institution (government office, educational facility, dormitory, nursing home, hospital, prison), Efax service, a pager, or a dedicated fax/data/modem line that s/he answered to identify as such.

*Callback Rules:* Give final disposition when informed.

### 425 Landline Telephone (CP Study)

*Definition:* The telephone number rings to a landline phone or the person indicates that the number we called is not a cell phone.

*Callback Rules:* Give final disposition when informed. This code should be assigned upon notification by the respondent that the conversation is taking place on a landline phone, if the sample is designated for cell phone only. This disposition will take priority over other possible final disposition codes.

### 437 Cell Phone with Landline in the household (CP Study)

*Definition:* The respondent is speaking on a cell phone number dialed, but also receives calls on a landline telephone number at their residence.

*Callback Rules:* Give final disposition when informed. This code should be assigned after the respondent indicates they have a landline phone on which they receive calls at home, if the sample is designated for cell phone only. This disposition will take priority over other possible final disposition codes.

455 Wrong Number (Person indicates number dialed is incorrect – CP Study)  
*Definition:* The person answering the phone indicates the number dialed is the not same as the number assigned to the cellular phone. *Callback Rules:* Give final disposition when informed.

## Disposition Coding Guidelines

Please use temporary disposition codes before assigning final disposition codes.

### **Code as Non-working (code 450) /Not in Service (code 545 (temporary)) if you get messages like:**

Your call cannot be completed.  
This is not a working number.  
Silence (i.e., you don't get a message, you don't hear anything)  
The # you have dialed is disconnected.  
The # you have dialed is either changed, disconnected, or not in service.  
The number you have dialed is not in service.  
The number you have dialed is not valid.

### **Code as Unclassifiable Operator Messages (code 540 (temporary)) or code 350 if you get messages like:**

This number does not take incoming calls.  
You have dialed an incorrect number.  
You've reached the Sprint, Verizon, etc. voice messaging service, please enter your cellular number.  
The number you have reached cannot be accessed from the number you're calling from.  
Dial \*\*\* or \*\*\* from a landline.

### **Code as Customer Unavailable or Not Accepting Calls (code 530 (temporary) or code 340) if you get messages like:**

The customer is not answering at this time  
"... is currently unavailable" Or "is unavailable."  
"... is unavailable or currently out of the network area"  
"The person you are trying to reach is not accepting calls." Or, "...is not accepting calls at this time  
The wireless customer you are trying to reach is unavailable at this time  
The customer you have reached cannot take the call at this time.  
The wireless number or the customer you have dialed has turned the unit off  
The person you have called as a voicemail that has not been set up yet.  
At the subscriber's request, this phone is not accepting incoming calls.  
"Voice mail full".

### **Code as Number Changed (code 355) or Wrong Number (Code 455)**

The number you have dialed has been changed.  
The number or code you have dialed is incorrect. (With this message, you should temporarily code it as 545 and redial just to make sure that the case was dialed correctly the first time.)

### **A child answers the phone and we are not sure if the cell phone belongs to that child or to an adult.**

Probe if you think the answering party is under 18 and ask if the cell phone belongs to the child or is also used by their parent. If the cell phone is used by the child only, then the screener will terminate at the age question (code 415). If the cell phone is also used by a parent, then we should set a call back.

### **The phone goes silent during the introduction to the screener (code 505 (temporary), code 310).**

Code this as a hang-up during the introduction with a comment that the interviewer wasn't sure if the respondent heard the full introduction.

**Reaching voicemail that seems to belong to a business number, for example, “You’ve reached the desk of John Smith at the Jones Corporation.” (code 535)**

Code these cases as a normal voicemail message. We need to call back to talk to the respondent to verify whether the respondent uses the cell phone for both business and personal use or for business use only.

**The respondent hangs up and you aren't sure if the hang-up was caused by technical difficulties (code 505 (temporary), code 330).**

Use the technical difficulty code if there was an obvious problem with the cell phone connection. Otherwise, code as a hang-up during the introduction.

**The cellular owner has changed numbers (code 355).**

If you hear a message that states “the cell phone owner has changed numbers” or something similar, please code the case as “Number Changed” whether or not the message supplies a new number. We will not call these cases back.

**Respondent doesn't want to be contacted on their cell phone.**

If a respondent asks you not to call back or not to call their cell phone, code the case as a final refusal (code 220). Try to avert the refusal when possible while you have them on the line by asking for another number they can be contacted at, or if there's a better time when their minutes might be free. If the respondent asks you to call them back at another number, be sure to record their name in the comments. Without a name, we won't know whom we spoke to or whom we should ask for.

# **Appendix D**

## **Listing of User2 Values**

<b>USER2</b>
<b>1--Complete</b>
<b>3--Noreply</b>
<b>4--Engaged</b>
<b>6--Refuse</b>
<b>7--Appointment</b>
<b>11--Specific Callback</b>
<b>12--General Callback</b>
<b>13--AM:Residence-Confirmed R Phone</b>
<b>14--AM:Non-residence</b>
<b>17--AM:Residence-No Confirmed R Name or P</b>
<b>18--Temporary Disconnected</b>
<b>19--Fax/Modem/Beeper/TTY/Noise On Line</b>
<b>22--R will call</b>
<b>23--Physical/Mental Impairment</b>
<b>24--Not Available During Study Period</b>
<b>25--Language Barrier(Not Spanish)</b>
<b>26--Language Barrier(Not Identified)</b>
<b>27--Language Barrier(Spanish)</b>
<b>29--Wrong Number</b>
<b>30--Not Household</b>
<b>32--Number Changed</b>
<b>33--Final Disconnected</b>
<b>36--Max Attempts</b>
<b>38--Final Fax/Modem/Beeper/TTY/Noise on</b>
<b>40--Max Attempts(appointment)</b>
<b>41--Terminate CONF PHN(NO)</b>
<b>42--Terminate CONF PHN(DK/REF)</b>
<b>43--Terminate CONF CELL(NO)</b>
<b>44--Terminate CONF CELL(DK/REF)</b>

<b>45--Terminate CONF ADULT(NO)</b>
<b>46--Terminate CONF ADULT(DK/REF)</b>
<b>47--Terminate CONF PRVRES(NO)</b>
<b>48--Terminate CONF PRVRES(DK/REF)</b>
<b>49--Terminate CONF STATE(NO)</b>
<b>50--Terminate CONF STATE(DK/REF)</b>
<b>51--Terminate LANDLINE(YES NOT SAMPLED \$</b>
<b>52--Terminate LANDLINE(DK/REF)</b>
<b>55--TECHNICAL DIFFICULTIES</b>
<b>56- MESSAGE: CUSTOMER UNAVAILABLE/NOT AC</b>
<b>57--UNCLASSIFIABLE OPERATOR MESSAGE</b>
<b>62--Terminate over quota (QSTATE CELL)</b>
<b>64--NOT STATE RESIDENT(INTRO)</b>
<b>74--Terminate ALL RNA</b>
<b>88--Max Attempts(Refusal)</b>
<b>94--Breakoffs</b>
<b>95--HUDI</b>
<b>97--FINAL HUDI</b>
<b>98--Final Refusal</b>
<b>99--Hostile/Firm Refusal</b>
<b>100--Take Off List Refusals</b>
<b>107--Final Other</b>

# **Appendix E**

## **Interviewer Job Aid**

**Frequently Asked Question (FAQs)**  
**Behavioral Risk Factor Surveillance Study (BRFSS) Cell Phone Pilot**

---

FAQ	Interviewer Response
Who is participating?	Approximately 250 people in your state are being asked to participate in this survey. It is very important that you respond because your answers will represent thousands of others in your state.
Who is conducting the study?	The study is being sponsored by the Centers for Disease Control & Prevention.
How was I chosen for the study?	Telephone numbers are randomly selected for the study to be sure that we speak with a wide range of people in your state. By talking with randomly selected persons, we will have an accurate understanding of the health status of all adults who live there.
Why are you calling me on my cell phone?	To have an accurate understanding of the health status of all adults who live in your state and to be sure that all types of people are included, it is important that we contact people by cell phone for this study as well as in other ways.
Do I have to answer your questions?	Participation is voluntary. You can refuse to answer any question – however, your feedback is valuable as part of an effort to understand and improve the health status of residents in your state.
Will my answers affect my government benefits or public assistance?	•No. The information collected in the survey is strictly confidential and your identity will not be given to any agency other than the one sponsoring the study. It will not affect your benefits in any way.
How do I know you'll keep my information confidential?	We are required by law to keep your information confidential and I signed an agreement of non-disclosure prior to the onset of this study.  After surveys are completed, any identifying information, for example your phone number, is removed from the data. Data are reported in summary statistical format only.

FAQ	Interviewer Response
How will the survey results be used?	The information from the survey will be used to help the Centers for Disease Control and Prevention better understand the health status of people in your state. Organizations in your state will also use the information to improve health services.
What is the name and purpose of this study?	The name of this survey is the Behavioral Risk Factor Surveillance Study.
Who is sponsoring this study and uses the information?	<p>The study is being sponsored by the Centers for Disease Control &amp; Prevention.</p> <p>The information collected in this survey will help the Centers for Disease Control &amp; Prevention understand the health status of your state. The information will also help organizations in your community improve health programs.</p>
Can you call me at a different telephone?/Do I have to do this on my cell phone?	<p><b>AS LONG AS YOU HAVE CONFIRMED THAT YOU HAVE REACHED THE PERSON ON THE CORRECT CELL PHONE NUMBER:</b> I would be happy to call you at a different number if that is more convenient. What is that number?</p> <p>If you have another number that you would prefer I use, I can call you there.</p> <p><b>IF PERSON ONLY HAS CELL PHONE AND WOULD LIKE TO DO THE INTERVIEW ANOTHER WAY:</b> The design of the questionnaire and the nature of the questions require a professional interviewer to administer and record the information. I enter your answers directly into a computer.</p>
This isn't my cell phone—I just borrowed it. Do you still want me to answer the questions?	<p>Do you live with the person you borrowed the cell phone from?</p> <p><b>IF NO:</b> Those are all the questions that I have. Thank you for your time.</p> <p><b>IF YES:</b> Do you usually share the cell phone with him or her one-third of the time or more?</p> <p><b>IF NO:</b> Those are all the questions that I have. Thank you for your time.</p> <p><b>IF YES:</b> In that case, we would like to continue with the interview.</p>

FAQ	Interviewer Response
Why are you asking me these questions?	<p>We're collecting information to get an accurate picture of the health status of residents in your state.</p> <p>You have been randomly selected to participate in this survey. Your feedback is valuable as part of an effort to understand and improve the health status of residents in your state.</p>
How do I know this survey is legitimate?	<p>We are conducting this survey on behalf of the Centers for Disease Control and Prevention in order to gather information about the health status of residents in your state.</p> <p>If you would like, I can also direct you to my supervisor.</p> <p>You can visit the study website at <a href="http://www.cdc.gov/brfss">www.cdc.gov/brfss</a></p>
How do I know you are really an interviewer for this survey?	<p>I have been trained to conduct this survey on behalf of the Centers for Disease Control and Prevention.</p> <p>If you would like, I can also direct you to my supervisor.</p> <p>(If necessary) You may call our toll-free number at 1-XXX-XXX-XXXX to verify the legitimacy of our survey or to find out more information.</p>
Where are you calling from? How did you get my unlisted number?	<p>I am calling on behalf of the Centers for Disease Control and Prevention from a research center located in Hadley, Massachusetts.</p> <p>Your number was randomly generated and selected by a computer program to represent individuals in your community.</p>
Who are you? How long is this going to take?	<p>I am [INTERVIEWER NAME]. I'm calling on behalf of the Centers for Disease Control and Prevention.</p> <p><b>SCREENING:</b> The questions to determine whether or not you are eligible for the study will only take a minute.</p> <p><b>DETAILED INTERVIEW:</b> The study takes about 10 minutes to complete and you will be paid \$X for your time. I will try to get through the interview as quickly as possible.</p>

FAQ	Interviewer Response
Will my name be used if I participate? Who else is participating in this survey?	<p>No, all data will be collapsed into categories, for example, the number of people of a certain race who have ever been told by a doctor that they had diabetes. No identifying information will be included.</p> <p>We are calling people in various communities throughout the United States to interview adults about their health status.</p>
Why can't you just mail the questionnaire to me?	We appreciate your request, however the design of the questionnaire and the nature of the questions require a professional interviewer to administer and record the information. I enter your answers directly into a computer.
Why did you ask me about telephone service and interruption of phone service for my home phone/cell phone?	Because your telephone number was scientifically selected, we want to know if there was anytime in the last year when we might not have been able to contact you by telephone. This information helps us to improve the quality of this study.
Why are you asking questions about my other/home telephone?	Because your telephone number was scientifically selected, we want to know if there might have been a chance that you would have been included in the study in some other way or if there were times when we might not have been able to contact you by telephone. This information helps us to improve the quality of this study.
I am in the Do not call me list/ National Do not Call Registry...why are you calling me?	I understand how the law may be confusing, but research calls are not included in the law. The law applies <i>only</i> to telemarketing calls. Most lawmakers recognize the value of legitimate research and the need for the public to participate. We will not sell you anything. Nor will we sell your personally identifiable information. Your privacy will be respected, and your cooperation is appreciated.
I have questions about the survey content. Whom can I contact?	You may contact XXX at XXX-XXX-XXXX
I have questions about my rights as a research subject. Whom can I contact?	You may contact XXX at XXX-XXX-XXXX.

**Refusal Aversion Response (RARs)**  
**Behavioral Risk Factor Surveillance Study (BRFSS) Cell Phone Pilot**

---

<b>Respondent</b>	<b>Interviewer Response</b>
I have to pay for any time that I spend on my cell phone.	I understand. I have just a few questions to determine whether or not you are eligible for the study. If you are selected, you will be paid for the time you spend answering our questions.
I can't hear you./You're breaking up.	I'm sorry. I will call back later.
I'm not interested. I'm too busy. Can't you call someone else?	I understand that you may not be interested in participating. However, government agencies are relying on this information to improve the health status of residents in your state. We can only get an accurate picture of the health and well-being of your state if everyone who is selected participates.  I understand that your time is limited. However, you were scientifically selected to represent others in your community. I will try to get through the interview as quickly as possible.
This isn't a good time.	I understand. I would like to schedule an appointment for a more convenient time to conduct this survey. Would you prefer a callback during the morning, afternoon, or evening?
I don't see the importance of this survey. I don't understand how this will benefit me.	This survey is designed to provide information about the health of residents in your community.  We would like to hear about your experiences in order to work towards improving the quality of health care for all people in your community.
I don't want to give out any personal information. I don't do surveys over the phone.	I understand that you don't like to give personal information over the telephone. However, I assure you that all information collected will remain strictly confidential and you can skip any questions that make you feel uncomfortable.

<b>Respondent</b>	<b>Interviewer Response</b>
I don't want to buy anything.	<p>I assure you we are not trying to sell anything. We are conducting a survey to better understand the health of residents in your community.</p> <p>No information that identifies you will ever be given to any company that is trying to sell products or services to you. In fact, no information about you will be given to anyone besides the agency sponsoring the research.</p>
Why do you need to know my race/ethnicity/income?	It is important to see how the health and well-being of people varies by (race/ethnicity/income). The information collected will help organizations in your community address health issues.

## **Appendix F**

### **The Spanish Translation of Cell Phone Questions Which Are Included in RDD Instrument**

**12.19a.** ¿ Tiene usted un teléfono celular para su uso personal? Favor de incluir teléfonos celulares que usa tanto para su uso personal como para el trabajo.

(207)

- 1 Yes [Go to Q12.19c]
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**12.19b.** ¿Comparte usted su teléfono celular para uso personal (por lo menos una tercera parte del tiempo) con otro adulto?

(208)

- 1 Yes [Go to Q12.19d]
- 2 No [Go to Q12.20]
- 7 Don't know / Not sure [Go to Q12.20]
- 9 Refused [Go to Q12.20]

**12.19c.** ¿Usualmente comparte usted este teléfono celular (por lo menos una tercera parte del tiempo) con otro adulto?

(209)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**12.19d.** Pensando en todas las llamadas que usted recibe tanto en su teléfono regular como en su teléfono celular, entre un 0 por ciento a un 100 por ciento ¿que por ciento de las llamada que usted recibe son en su teléfono celular?

(210-212)

- Enter Percent (1 to 100)
- 8 8 8 Zero
- 7 7 7 Don't know/Not sure
- 9 9 9 Refused

## **Appendix G**

### **The 2008 Cell Phone Survey Questionnaire**



**2008**

**Behavioral Risk Factor Surveillance System**

**Cell Phone Only Questionnaire**

**January 7, 2008**

**From the latest release**

**December 20, 2007**

# Behavioral Risk Factor Surveillance System 2008 Questionnaire

## Table of Contents

Table of Contents .....	48
Interviewer's Script .....	49
Core Sections.....	54
Section 1: Health Status.....	54
Section 2: Healthy Days — Health-Related Quality of Life .....	54
Section 3: Health Care Access.....	55
Section 4: Sleep.....	56
Section 5: Exercise .....	56
Section 6: Diabetes.....	57
Section 7: Oral Health.....	57
Section 8: Cardiovascular Disease Prevalence.....	58
Section 9: Asthma.....	58
Section 10: Disability.....	59
Section 11: Tobacco Use.....	60
Section 12: Demographics .....	60
Section 13: Alcohol Consumption .....	66
Section 14: Immunization.....	67
Section 15: Falls .....	68
Section 16: Seatbelt Use.....	68
Section 17: Drinking and Driving.....	68
Section 18: Women's Health.....	69
Section 19: Prostate Cancer Screening .....	71
Section 20: Colorectal Cancer Screening.....	72
Section 21: HIV/AIDS.....	73
Section 22: Emotional Support and Life Satisfaction.....	75
Closing Statement .....	77

## Interviewer's Script

HELLO, I am calling for the  (health department) . My name is  (name) . We are gathering information about the health of  (state)  residents (if person reports that they do not live in the state mentioned, tell them that they may still be eligible to participate) and you will be paid (optional additional text -- [\$1] for answering the next few questions and) [\$10] for any time you spend answering our questions if you are eligible for this study. This project is conducted by the health department with assistance from the Centers for Disease Control and Prevention.

I have just a few questions to find out if you are eligible for the study.

### CTELNUM1

Is this  (phone number)  ?

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

(213)

- |   |                       |                         |
|---|-----------------------|-------------------------|
| 1 | YES                   | <b>[Go to CELLFON2]</b> |
| 2 | NO                    |                         |
| 7 | DON'T KNOW / NOT SURE |                         |
| 9 | REFUSED               |                         |

**If "no,"**

Thank you very much, but I seem to have dialed the wrong number. It's possible that your number may be called at a later time. **STOP**

**If "Don't Know", "Refused",**

Thank you for your time. **STOP**

### CELLFON2

Is this a cellular telephone?

**[Read only if necessary: "By cellular telephone we mean a telephone that is mobile and usable outside of your neighborhood".**

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

(214)

- |   |                       |                       |
|---|-----------------------|-----------------------|
| 1 | YES                   | <b>[Go to CADULT]</b> |
| 2 | NO                    |                       |
| 7 | DON'T KNOW / NOT SURE |                       |
| 9 | REFUSED               |                       |

**IF "No",**

Thank you very much, but we are only interviewing cell telephones at this time. **STOP**

**If "Don't Know", "Refused",**

Thank you for your time. **STOP**

**CADULT**

Are you 18 years of age or older?

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY. ASK GENDER IF NECESSARY.

(215)

- |   |                        |                        |
|---|------------------------|------------------------|
| 1 | YES, Male Respondent   | <b>[Go to PVTRES2]</b> |
| 2 | YES, Female Respondent | <b>[Go to PVTRES2]</b> |
| 3 | NO                     |                        |
| 7 | DON'T KNOW / NOT SURE  |                        |
| 9 | REFUSED                |                        |

**IF "No",**

Thank you very much, but we are only interviewing persons aged 18 or older at this time.

**STOP****IF "Don't Know", "Refused",**

Thank you very much for your time. **STOP**

**PVTRES2**

Do you live in a private residence, that is, not in a dormitory or other type of group living situation?

**READ ONLY IF NECESSARY:** "By private residence, we mean someplace like a house or apartment."

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY. THE PERSON DOES NOT NEED TO BE PHYSICALLY LOCATED IN THEIR PRIVATE RESIDENCE.

(216)

- |   |                       |                       |
|---|-----------------------|-----------------------|
| 1 | YES                   | <b>[Go to CSTATE]</b> |
| 2 | NO                    | <b>[Go to CSTATE]</b> |
| 7 | DON'T KNOW / NOT SURE |                       |
| 9 | REFUSED               |                       |

**IF "Don't Know", "Refused",**

Thank you very much for your time. **STOP**

**CSTATE**

Are you a resident of [STATE]?

INTERVIEWER: PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

(217)

- |   |                       |                         |
|---|-----------------------|-------------------------|
| 1 | YES                   | <b>[Go to LANDLINE]</b> |
| 2 | NO                    | <b>[Go to STATE]</b>    |
| 7 | DON'T KNOW / NOT SURE |                         |
| 9 | REFUSED               |                         |

**IF "Don't Know", "Refused",**

Thank you very much for your time. **STOP**

**RSPSTATE** In what state do you live?

(218-219)

\_\_\_\_\_ ENTER STATE  
99 REFUSED

**If person reports that they live in one of the following 21 states** (CA, CT, FL, GA, HI, IA, IL, LA, MA, MI, MN, MO, MS, MT, NE, NY, PA, SC, VA, WA, WI);  
**continue to LANDLINE.**

**If not:** Thank you very much, but we are not interviewing in your state at this time. **STOP**

**LANDLINE** Do you also have a landline telephone in your home that is used to make and receive calls?

**READ ONLY IF NECESSARY:** "By landline telephone, we mean a "regular" telephone in your home that is connected to outside telephone lines through a cable or cord and is used for making or receiving calls. Please include landline phones used for both business and personal use."

**NOTE:** Telephone service over the internet counts as landline service.

PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

(220)

1 YES  
2 NO  
7 DON'T KNOW / NOT SURE  
9 REFUSED

**IF "No", GO TO SURVEY INTRO**

**IF "Don't Know" or "Refused", GO TO TERMINATION**

**PCTCELL**

Thinking about all the phone calls that you receive on your landline or cell phone, what percent, between 0 and 100, are received on your cell phone?

(221-223)

\_\_\_ Enter Percent (1 to 100)  
8 8 8 Zero  
7 7 7 Don't know/Not sure  
9 9 9 Refused



**TERMINATION**

Thank you very much. Those are all the questions that I have for you today.

In appreciation for the time you have spent answering our questions, we would like to provide you with (amount to be determined) in compensation. Would you please give me your name and address so that we can send you the one dollar payment?

**COLLECT NAME AND ADDRESS**

**NAME** (What is your name?) ENTER NAME

**ADDRESS** (What is your street address?) ENTER STREET ADDRESS

**CITY** (What is your city?) ENTER CITY

**STATE** (What is the state?) ENTER STATE

**ZIP STOP** (What is your zip code?) ENTER ZIP CODE



## **SURVEY INTRO**

Your telephone number has been chosen randomly, and I would like to ask some questions about health and health practices. You do not have to answer any question you do not want to, and you can end the interview at any time. Any information you give me will be confidential. If you have any questions, I will provide a telephone number for you to call to get more information. In appreciation for the time that you spend answering our questions, we will provide you with [ten] dollars in compensation for this brief ten-minute interview. **Is this a safe time to talk with you now or are you driving?**

## Core Sections

You do not have to answer any question you do not want to, and you can end the interview at any time. Any information you give me will be confidential. If you have any questions about this survey, please call **(give appropriate state telephone number)**.

### Section 1: Health Status

---

1.1 Would you say that in general your health is— (73)

**Please read:**

- 1 Excellent
- 2 Very good
- 3 Good
- 4 Fair

**Or**

- 5 Poor

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

### Section 2: Healthy Days — Health-Related Quality of Life

---

2.1 Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good? (74–75)

- – Number of days
- 8 8 None
- 7 7 Don't know / Not sure
- 9 9 Refused

**2.2** Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good? (76–77)

- – Number of days
- 8 8 None **[If Q2.1 and Q2.2 = 88 (None), go to next section]**
- 7 7 Don't know / Not sure
- 9 9 Refused

**2.3** During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation? (78–79)

- – Number of days
- 8 8 None
- 7 7 Don't know / Not sure
- 9 9 Refused

**Section 3: Health Care Access**

---

**3.1** Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare? (80)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**3.2** Do you have one person you think of as your personal doctor or health care provider?  
**If “No,” ask: “Is there more than one, or is there no person who you think of as your personal doctor or health care provider?”** (81)

- 1 Yes, only one
- 2 More than one
- 3 No
- 7 Don't know / Not sure
- 9 Refused

**3.3** Was there a time in the past 12 months when you needed to see a doctor but could not because of cost? (82)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**3.4** About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition. (83)

- 1 Within past year (anytime less than 12 months ago)
- 2 Within past 2 years (1 year but less than 2 years ago)
- 3 Within past 5 years (2 years but less than 5 years ago)
- 4 5 or more years ago
- 7 Don't know / Not sure
- 8 Never
- 9 Refused

#### Section 4: Sleep

---

The next question is about getting enough rest or sleep.

**4.1** During the past 30 days, for about how many days have you felt you did not get enough rest or sleep? (84–85)

- – Number of days
- 8 8 None
- 7 7 Don't know / Not sure
- 9 9 Refused

#### Section 5: Exercise

---

**5.1** During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise? (86)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## Section 6: Diabetes

---

**6.1** Have you ever been told by a doctor that you have diabetes?

**If “Yes” and respondent is female, ask: “Was this only when you were pregnant?”**

**If respondent says pre-diabetes or borderline diabetes, use response code 4.**

(87)

- 1 Yes
- 2 Yes, but female told only during pregnancy
- 3 No
- 4 No, pre-diabetes or borderline diabetes
- 7 Don't know / Not sure
- 9 Refused

## Section 7: Oral Health

---

**7.1** How long has it been since you last visited a dentist or a dental clinic for any reason? Include visits to dental specialists, such as orthodontists.

(88)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)
- 3 Within the past 5 years (2 years but less than 5 years ago)
- 4 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 8 Never
- 9 Refused

**7.2** How many of your permanent teeth have been removed because of tooth decay or gum disease? Include teeth lost to infection, but do not include teeth lost for other reasons, such as injury or orthodontics.

**NOTE: If wisdom teeth are removed because of tooth decay or gum disease, they should be included in the count for lost teeth.**

(89)

- 1 1 to 5
- 2 6 or more but not all
- 3 All
- 8 None
- 7 Don't know / Not sure
- 9 Refused

**CATI note: If Q7.1 = 8 (Never) or Q 7.2 = 3 (All), go to next section.**

7.3 How long has it been since you had your teeth cleaned by a dentist or dental hygienist? (90)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)
- 3 Within the past 5 years (2 years but less than 5 years ago)
- 4 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 8 Never
- 9 Refused

**Section 8: Cardiovascular Disease Prevalence**

---

Now I would like to ask you some questions about cardiovascular disease.

Has a doctor, nurse, or other health professional EVER told you that you had any of the following? For each, tell me "Yes," "No," or you're "Not sure."

8.1 (Ever told) you had a heart attack, also called a myocardial infarction? (91)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

8.2 (Ever told) you had angina or coronary heart disease? (92)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

8.3 (Ever told) you had a stroke? (93)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**Section 9: Asthma**

---

**9.1** Have you ever been told by a doctor, nurse, or other health professional that you had asthma? (94)

- 1 Yes
- 2 No [Go to next section]
- 7 Don't know / Not sure [Go to next section]
- 9 Refused [Go to next section]

**9.2** Do you still have asthma? (95)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## **Section 10: Disability**

---

The following questions are about health problems or impairments you may have.

**10.1** Are you limited in any way in any activities because of physical, mental, or emotional problems? (96)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**10.2** Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone? (97)

**Include occasional use or use in certain circumstances.**

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## Section 11: Tobacco Use

---

**11.1** Have you smoked at least 100 cigarettes in your entire life? (98)

**NOTE: 5 packs = 100 cigarettes**

- 1 Yes
- 2 No [Go to next section]
- 7 Don't know / Not sure [Go to next section]
- 9 Refused [Go to next section]

**11.2** Do you now smoke cigarettes every day, some days, or not at all? (99)

- 1 Every day
- 2 Some days
- 3 Not at all [Go to next section]
- 7 Don't know / Not sure [Go to next section]
- 9 Refused [Go to next section]

**11.3** During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking? (100)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## Section 12: Demographics

---

**12.1** What is your age? (101–102)

- – Code age in years
- 0 7 Don't know / Not sure
- 0 9 Refused

**12.2** Are you Hispanic or Latino? (103)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**12.3** Which one or more of the following would you say is your race? (104–109)

**(Check all that apply)**

**Please read:**

- 1 White
- 2 Black or African American
- 3 Asian
- 4 Native Hawaiian or Other Pacific Islander
- 5 American Indian or Alaska Native

**Or**

- 6 Other [specify] \_\_\_\_\_

**Do not read:**

- 8 No additional choices
- 7 Don't know / Not sure
- 9 Refused

**CATI note: If more than one response to Q12.3; continue. Otherwise, go to Q12.5**

**12.4** Which one of these groups would you say best represents your race? (110)

- 1 White
- 2 Black or African American
- 3 Asian
- 4 Native Hawaiian or Other Pacific Islander
- 5 American Indian or Alaska Native
- 6 Other [specify] \_\_\_\_\_

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**12.5** Have you ever served on active duty in the United States Armed Forces, either in the regular military or in a National Guard or military reserve unit? *Active duty does not include training for the Reserves or National Guard, but DOES include activation, for example, for the Persian Gulf War.* (111)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

**12.6** Are you...? (112)

**Please read:**

- 1 Married
- 2 Divorced
- 3 Widowed
- 4 Separated
- 5 Never married

**Or**

- 6 A member of an unmarried couple

**Do not read:**

- 9 Refused

**CATI note: If response to PVTRES2 = 1; continue. Otherwise, go to Q12.8**

**12.7** How many children less than 18 years of age live in your household? (113–114)

- – Number of children
- 8 8 None
- 9 9 Refused

**12.8** What is the highest grade or year of school you completed? (115)

**Read only if necessary:**

- 1 Never attended school or only attended kindergarten
- 2 Grades 1 through 8 (Elementary)
- 3 Grades 9 through 11 (Some high school)
- 4 Grade 12 or GED (High school graduate)
- 5 College 1 year to 3 years (Some college or technical school)
- 6 College 4 years or more (College graduate)

**Do not read:**

- 9 Refused

**12.9** Are you currently...? (116)

**Please read:**

- 1 Employed for wages
- 2 Self-employed
- 3 Out of work for more than 1 year
- 4 Out of work for less than 1 year
- 5 A Homemaker
- 6 A Student
- 7 Retired

**Or**

8 Unable to work

**Do not read:**

9 Refused

**CATI note: If response to PVTRES2 = 1; continue. Otherwise, go to Q12.11**

**12.10** Is your annual household income from all sources— (117–118)

**If respondent refuses at ANY income level, code '99' (Refused)**

**Read only if necessary:**

0 4 Less than \$25,000 **If "no," ask 05; if "yes," ask 03**  
(\$20,000 to less than \$25,000)

0 3 Less than \$20,000 **If "no," code 04; if "yes," ask 02**  
(\$15,000 to less than \$20,000)

0 2 Less than \$15,000 **If "no," code 03; if "yes," ask 01**  
(\$10,000 to less than \$15,000)

0 1 Less than \$10,000 **If "no," code 02**

0 5 Less than \$35,000 **If "no," ask 06**  
(\$25,000 to less than \$35,000)

0 6 Less than \$50,000 **If "no," ask 07**  
(\$35,000 to less than \$50,000)

0 7 Less than \$75,000 **If "no," code 08**  
(\$50,000 to less than \$75,000)

0 8 \$75,000 or more

**Do not read:**

7 7 Don't know / Not sure

9 9 Refused

**12.11** About how much do you weigh without shoes? (119–122)

**NOTE: If respondent answers in metrics, put "9" in column 119.**

**Round fractions up**

— — — —	Weight
(pounds/kilograms)	
7 7 7 7	Don't know / Not sure
9 9 9 9	Refused

**CATI note: If Q12.11 = 7777 (Don't know/Not sure) or 9999 (Refused), skip Q12.13 and Q12.14).**

**12.12** About how tall are you without shoes? (123–126)

**NOTE: If respondent answers in metrics, put “9” in column 123.**

**Round fractions down**

__ / __	Height
(ft / inches/meters/centimeters)	
7 7 7 7	Don't know / Not sure
9 9 9 9	Refused

**12.13** How much did you weigh a year ago? *[If you were pregnant a year ago, how much did you weigh before your pregnancy?]* **CATI: If female respondent and age <46.** (127–130)

**NOTE: If respondent answers in metrics, put “9” in column 127.**

**Round fractions up**

__ __ __ __	Weight
(pounds/kilograms)	
7 7 7 7	Don't know / Not sure
9 9 9 9	Refused

**CATI note: Subtract weight one year ago from current weight. If weight is same, skip Q12.14.**

**12.14** Was the change between your current weight and your weight a year ago intentional? (131)

1	Yes
2	No
7	Don't know / Not sure
9	Refused

**12.15** What county do you live in? (132–134)

__ __ __	FIPS county code
7 7 7	Don't know / Not sure
9 9 9	Refused

**CATI note: If respondent is from out of state [CState = 2 and RspState in (CA, CT, FL, GA, HI, IA, IL, LA, MA, MI, MN, MO, MS, MT, NE, NY, PA, SC, VA, WA, WI,)], place text response for county in columns 755-799.**

**12.16** What is your ZIP Code where you live? (135-139)

- |         |                       |
|---------|-----------------------|
| — — — — | ZIP Code              |
| 7 7 7 7 | Don't know / Not sure |
| 9 9 9 9 | Refused               |

**Cell Phone Only Survey go to Question 12.20, do not ask 12.17, 12.18, or 12.19.**

**12.17** Do you have more than one telephone number in your household? Do not include cell phones or numbers that are only used by a computer or fax machine. (140)

- |   |                       |                       |
|---|-----------------------|-----------------------|
| 1 | Yes                   |                       |
| 2 | No                    | <b>[Go to Q12.19]</b> |
| 7 | Don't know / Not sure | <b>[Go to Q12.19]</b> |
| 9 | Refused               | <b>[Go to Q12.19]</b> |

**12.18** How many of these telephone numbers are residential numbers? (141)

- |   |  |
|---|--|
| — | Residential telephone numbers <b>[6 = 6 or more]</b> |
| 7 | Don't know / Not sure                                |
| 9 | Refused  |

**12.19** During the past 12 months, has your household been without telephone service for 1 week or more? Do not include interruptions of telephone service because of weather or natural disasters. (142)

- |   |                       |
|---|-----------------------|
| 1 | Yes                   |
| 2 | No                    |
| 7 | Don't know / Not sure |
| 9 | Refused               |

**12.20** **Indicate sex of respondent. Ask only if necessary.** (143)

- |   |        |   |
|---|--------|---|
| 1 | Male   | <b>[Go to next section]</b>   |
| 2 | Female | <b>[If respondent is 45 years old or older, go to next section]</b> |

**12.21** To your knowledge, are you now pregnant? (144)

- |   |                       |
|---|-----------------------|
| 1 | Yes                   |
| 2 | No                    |
| 7 | Don't know / Not sure |
| 9 | Refused               |

**Section 13: Alcohol Consumption**

---

**13.1** During the past 30 days, have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor? (145)

- 1 Yes
- 2 No [Go to next section]
- 7 Don't know / Not sure [Go to next section]
- 9 Refused [Go to next section]

**13.2** During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage? (146–148)

- 1\_ \_ \_ Days per week
- 2\_ \_ \_ Days in past 30 days
- 8 8 8 No drinks in past 30 days [Go to next section]
- 7 7 7 Don't know / Not sure
- 9 9 9 Refused

**13.3** One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average? (149–150)

**NOTE: A 40 ounce beer would count as 3 drinks, or a cocktail drink with 2 shots would count as 2 drinks.**

- \_ \_ Number of drinks
- 7 7 Don't know / Not sure
- 9 9 Refused

**13.4** Considering all types of alcoholic beverages, how many times during the past 30 days did you have **X [CATI X = 5 for men, X = 4 for women]** or more drinks on an occasion? (151–152)

- \_ \_ Number of times
- 8 8 None
- 7 7 Don't know / Not sure
- 9 9 Refused

**13.5** During the past 30 days, what is the largest number of drinks you had on any occasion? (153–154)

- \_ \_ Number of drinks
- 7 7 Don't know / Not sure
- 9 9 Refused

**Section 14: Immunization**

---

**14.1** A flu shot is an influenza vaccine injected into your arm. During the past 12 months, have you had a flu shot? (155)

- 1 Yes
- 2 No [Go to Q14.3]
- 7 Don't know / Not sure [Go to Q14.3]
- 9 Refused [Go to Q14.3]

**14.2** During what month and year did you receive your most recent flu shot? (156–161)

- /                Month / Year
- 7 7 / 7 7 7 7 Don't know / Not sure
- 9 9 / 9 9 9 9 Refused

**14.3** During the past 12 months, have you had a flu vaccine that was sprayed in your nose? The flu vaccine sprayed in the nose is also called FluMist™. (162)

- 1 Yes
- 2 No [Go to Q14.5]
- 7 Don't know / Not sure [Go to Q14.5]
- 9 Refused [Go to Q14.5]

**14.4** During what month and year did you receive your most recent flu vaccine that was sprayed in your nose? (163–168)

- /                Month / Year
- 7 7 / 7 7 7 7 Don't know / Not sure
- 9 9 / 9 9 9 9 Refused

**14.5** A pneumonia shot or pneumococcal vaccine is usually given only once or twice in a person's lifetime and is different from the flu shot. Have you ever had a pneumonia shot? (169)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## Section 15: Falls

---

**If respondent is 45 years or older continue, otherwise go to next section.**

The next question asks about recent falls. By a fall, we mean when a person unintentionally comes to rest on the ground or another lower level.

**15.1** In the past 3 months, how many times have you fallen? (170–171)

–	–	Number of times	<b>[76 = 76 or more]</b>
8	8	None	<b>[Go to next section]</b>
7	7	Don't know / Not sure	<b>[Go to next section]</b>
9	9	Refused	<b>[Go to next section]</b>

**15.2** **[Fill in “Did this fall (from Q15.1) cause an injury?”]. If only one fall from Q15.1 and response is “Yes” (caused an injury); code 01. If response is “No,” code 88.**

How many of these falls caused an injury? By an injury, we mean the fall caused you to limit your regular activities for at least a day or to go see a doctor.

(172–173)

–	–	Number of falls	<b>[76 = 76 or more]</b>
8	8	None	
7	7	Don't know / Not sure	
9	9	Refused	

## Section 16: Seatbelt Use

---

**16.1** How often do you use seat belts when you drive or ride in a car? Would you say— (174)

**Please read:**

1	Always
2	Nearly always
3	Sometimes
4	Seldom
5	Never

**Do not read:**

7	Don't know / Not sure
8	Never drive or ride in a car
9	Refused

**CATI note: If Q16.1 = 8 (Never drive or ride in a car), go to Section 18; otherwise continue.**

## Section 17: Drinking and Driving

---

**CATI note: If Q13.1 = 2 (No); go to next section.**

The next question is about drinking and driving.

**17.1** During the past 30 days, how many times have you driven when you've had perhaps too much to drink? (175–176)

- – Number of times
- 8 8 None
- 7 7 Don't know / Not sure
- 9 9 Refused

## Section 18: Women's Health

---

**CATI note: If respondent is male, go to the next section.**

The next questions are about breast and cervical cancer.

**18.1** A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram? (177)

- 1 Yes
- 2 No **[Go to Q18.3]**
- 7 Don't know / Not sure **[Go to Q18.3]**
- 9 Refused **[Go to Q18.3]**

**18.2** How long has it been since you had your last mammogram? (178)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)
- 3 Within the past 3 years (2 years but less than 3 years ago)
- 4 Within the past 5 years (3 years but less than 5 years ago)
- 5 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure

9 Refused

**18.3** A clinical breast exam is when a doctor, nurse, or other health professional feels the breasts for lumps. Have you ever had a clinical breast exam? (179)

- 1 Yes
- 2 No [Go to Q18.5]
- 7 Don't know / Not sure [Go to Q18.5]
- 9 Refused [Go to Q18.5]

**18.4** How long has it been since your last breast exam? (180)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)
- 3 Within the past 3 years (2 years but less than 3 years ago)
- 4 Within the past 5 years (3 years but less than 5 years ago)
- 5 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**18.5** A Pap test is a test for cancer of the cervix. Have you ever had a Pap test? (181)

- 1 Yes
- 2 No [Go to Q18.7]
- 7 Don't know / Not sure [Go to Q18.7]
- 9 Refused [Go to Q18.7]

**18.6** How long has it been since you had your last Pap test? (182)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)
- 3 Within the past 3 years (2 years but less than 3 years ago)
- 4 Within the past 5 years (3 years but less than 5 years ago)
- 5 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**CATI note: If response to Core Q12.21 = 1 (is pregnant); then go to next section.**

18.7 Have you had a hysterectomy? (183)

**Read only if necessary:** A hysterectomy is an operation to remove the uterus (womb).

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

### Section 19: Prostate Cancer Screening

---

**CATI note: If respondent is  $\leq 39$  years of age, or is female, go to next section.**

Now, I will ask you some questions about prostate cancer screening.

19.1 A Prostate-Specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. Have you ever had a PSA test? (184)

- 1 Yes
- 2 No [Go to Q19.3]
- 7 Don't Know / Not sure [Go to Q19.3]
- 9 Refused [Go to Q19.3]

19.2 How long has it been since you had your last PSA test? (185)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years)
- 3 Within the past 3 years (2 years but less than 3 years)
- 4 Within the past 5 years (3 years but less than 5 years)
- 5 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

19.3 A digital rectal exam is an exam in which a doctor, nurse, or other health professional places a gloved finger into the rectum to feel the size, shape, and hardness of the prostate gland. Have you ever had a digital rectal exam? (186)

- 1 Yes

- 2 No [Go to Q19.5]
- 7 Don't know / Not sure [Go to Q19.5]
- 9 Refused [Go to Q19.5]

**19.4** How long has it been since your last digital rectal exam? (187)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years)
- 3 Within the past 3 years (2 years but less than 3 years)
- 4 Within the past 5 years (3 years but less than 5 years)
- 5 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**19.5** Have you ever been told by a doctor, nurse, or other health professional that you had prostate cancer? (188)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## **Section 20: Colorectal Cancer Screening**

---

**CATI note: If respondent is  $\leq$  49 years of age, go to next section.**

**20.1** A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit? (189)

- 1 Yes
- 2 No [Go to Q20.3]
- 7 Don't know / Not sure [Go to Q20.3]
- 9 Refused [Go to Q20.3]

**20.2** How long has it been since you had your last blood stool test using a home kit? (190)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)

- 3 Within the past 3 years (2 years but less than 3 years ago)
- 4 Within the past 5 years (3 years but less than 5 years ago)
- 5 5 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**20.3** Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you ever had either of these exams? (191)

- 1 Yes
- 2 No **[Go to next section]**
- 7 Don't know / Not sure **[Go to next section]**
- 9 Refused **[Go to next section]**

**20.4** For a SIGMOIDOSCOPY, a flexible tube is inserted into the rectum to look for problems. A COLONOSCOPY is similar, but uses a longer tube, and you are usually given medication through a needle in your arm to make you sleepy and told to have someone else drive you home after the test. Was your MOST RECENT exam a sigmoidoscopy or a colonoscopy? (192)

- 1 Sigmoidoscopy
- 2 Colonoscopy
- 7 Don't know / Not sure
- 9 Refused

**20.5** How long has it been since you had your last sigmoidoscopy or colonoscopy? (193)

**Read only if necessary:**

- 1 Within the past year (anytime less than 12 months ago)
- 2 Within the past 2 years (1 year but less than 2 years ago)
- 3 Within the past 3 years (2 years but less than 3 years ago)
- 4 Within the past 5 years (3 years but less than 5 years ago)
- 5 Within the past 10 years (5 years but less than 10 years ago)
- 6 10 or more years ago

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**Section 21: HIV/AIDS**

---

**CATI note: If respondent is 65 years old or older, go to next section.**

The next few questions are about the national health problem of HIV, the virus that causes AIDS. Please remember that your answers are strictly confidential and that you don't have to answer every question if you do not want to. Although we will ask you about testing, we will not ask you about the results of any test you may have had.

**21.1** Have you ever been tested for HIV? Do not count tests you may have had as part of a blood donation. Include testing fluid from your mouth. (194)

- 1 Yes
- 2 No [Go to Q21.5]
- 7 Don't know / Not sure [Go to Q21.5]
- 9 Refused [Go to Q21.5]

**21.2** Not including blood donations, in what month and year was your last HIV test? (195–200)

**NOTE: If response is before January 1985, code "Don't know."**

**CATI INSTRUCTION: If the respondent remembers the year but cannot remember the month, code the first two digits 77, and the last four digits for the year.**

- /    Code month and year
- 77 / 7777 Don't know / Not sure
- 99 / 9999 Refused

**21.3** Where did you have your last HIV test — at a private doctor or HMO office, at counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else? (201–202)

- 0 1 Private doctor or HMO office
- 0 2 Counseling and testing site
- 0 3 Hospital
- 0 4 Clinic
- 0 5 Jail or prison (or other correctional facility)
- 0 6 Drug treatment facility
- 0 7 At home
- 0 8 Somewhere else
- 7 7 Don't know / Not sure
- 9 9 Refused

**CATI note: Ask Q21.4; if Q21.2 = within last 12 months. Otherwise, go to Q21.5.**

**21.4** Was it a rapid test where you could get your results within a couple of hours? (203)

- 1 Yes
- 2 No
- 7 Don't know / Not sure

9 Refused

**21.5** I'm going to read you a list. When I'm done, please tell me if any of the situations apply to you. You do not need to tell me which one.

- You have used intravenous drugs in the past year.
- You have been treated for a sexually transmitted or venereal disease in the past year.
- You have given or received money or drugs in exchange for sex in the past year.
- You had anal sex without a condom in the past year.

Do any of these situations apply to you?

(204)

- 1 Yes
- 2 No
- 7 Don't know / Not sure
- 9 Refused

## **Section 22: Emotional Support and Life Satisfaction**

---

The next two questions are about emotional support and your satisfaction with life.

**22.1** How often do you get the social and emotional support you need?

**INTERVIEWER NOTE: If asked, say "please include support from any source."**

(205)

**Please read:**

- 1 Always
- 2 Usually
- 3 Sometimes
- 4 Rarely
- 5 Never

**Do not read:**

- 7 Don't know / Not sure
- 9 Refused

**22.2** In general, how satisfied are you with your life?

(206)

**Please read:**

- 1 Very satisfied
- 2 Satisfied
- 3 Dissatisfied
- 4 Very dissatisfied

**Do not read:**

7 Don't know / Not sure  
9 Refused

## **Closing Statement or Transition to Modules and/or State-Added Questions**

### **Closing statement**

**Please read:**

**Please read:**

That is my last question. Everyone's answers will be combined to give us information about the health practices of people in this state. Thank you very much for your time and cooperation.

In appreciation for the time you have spent answering our questions, we would like to provide you with [ten] dollars in compensation. Would you please give me your name and address so that we can send you the [ten] dollar payment?

### **COLLECT NAME AND ADDRESS**

**NAME** (What is your name?) ENTER NAME

**ADDRESS** (What is your street address?) ENTER STREET ADDRESS

**CITY** (What is the city?) ENTER CITY

**STATE** (What is the state?) ENTER STATE

**ZIP** (What is your zip code?) ENTER ZIP CODE

Thank you very much for your time and cooperation.