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Attachment E-3. Adult-Proxy Survey - English

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Variables used in Programming:

CALLTYPE denotes if the sample is for a landline or cell phone number

1 = LANDLINE

2 = CELL

INTTYPE denotes who the interview is being conducted with

A = Adult, non-parent interview

P = Proxy interview with adult

D = Direct adolescent interview

NOTE: All responses in caps will not be read to the respondent. They are for interviewer coding only.

INTRODUCTION

INTRO1. Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries in children and adults. You may have heard about head injuries in the news, in particular those experienced by children who play sports or military veterans. Let me assure you that this is not a sales call. Your phone number has been chosen at random to represent thousands of others in the country.

01 CONTINUE

*CFM00026. IF ***(CALLTYPE#2)** GOTO CELL*

CALL BACK AND RESUME INTRODUCTIONS

PLEASE DISPLAY TERM SCREEN WITH INTRO

/CALL BACK SELECTED ADULT IF ADLTS=2/

/IF CALLTYPE=1 AND CALLA=01 AND ADLTS=2/

INTRO2A.

Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries. When we called previously we spoke to an adult in your household about this study. Are you the adult we spoke with?

1 YES

2 NO [SKIP TO CONEADLT]

/ASK IF INTRO2A=01/

INTRO2B. If you recall we selected the other adult in the household to participate in the study. Is that adult available now?

1 YES, COMING TO PHONE [SKIP TO CONEADLT]

2 NO [SKIP TO CALLBACK SCREEN]

IF INTRO2B=01 THEN SKIP TO CONEADLT. PICK UP AT TRANS1 ASK QUESTIONS WHERE INTTYPE=A

/CALL BACK SELECTED ADULT IF ADLTS>2/

/IF CALLTYPE=1 AND CALLA=01 AND ADLTS>2/

INTRO3A.

Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries. When we called previously we selected the adult in your household with the next birthday to participate. Can I speak to him or her.

- 1 YES, COMING TO PHONE [SKIP TO CONEADLT]
- 2 NO [SKIP TO CALLBACK SCREEN]

IF INTRO3A=01 THEN SKIP TO CONEADLT. PICK UP AT TRANS1 ASK QUESTIONS WHERE INTTYPE=A

/CALL BACK KNOWLEDEGABLE ADULT/

/IF CALLTYPE=1 AND SPEAKTOP=02/

INTRO4.

Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries. When we called previously we conducted an interview with an adult in the household who was unable to answer questions about the health and activities of the [*TEXTSUB- IF NUMC>1 or CNUMC>1 then "children in the household" IF NUMC=1 or CNUMC=1 then "child in the household". I need to speak to a parent or guardian who knows this information. Is a parent or guardian available?

- 1 YES, GUARDIAN ON THE LINE [SKIP TO CPROXY]
- 2 YES, GUARDIAN COMING TO PHONE [REASK INTRO4]
- 3 NO [SKIP TO CALLBACK SCREEN]

IF INTRO4=01 THEN SKIP TO CPROXY. PICK UP AT TRANS1 ASK QUESTIONS WHERE INTTYPE=P

/RESUMED INTERVIEW WHEN INTTYPE=A,P/

RESUME1

Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries. When we called previously we started an interview with an adult in your household. Was that person you?

- 1 YES
- 2 NO

/ASK IF RESUME1=01/

RESUME1A

Is now a good time to finish the interview?

- 1 YES
- 2 NO [SKIP TO CALLBACK SCREEN]

/ASK IF RESUME1=02/

RESUME1B. Are there any other adults we may have spoken to in this household?

- 1 YES, COMING TO PHONE [SEND BACK TO RESUME1]
- 2 NO [SKIP TO CALLBACK SCREEN]

/ASK IF INTTYPE=P AND RESUME1A=01/

RPROXY

These questions are about your [insert age] year old [IF MALE="son" IF FEMALE="daughter"]. We will pick up now where we previously left off.

- 1 CONTINUE

/RESUMED INTERVIEW WHEN INTTYPE=D/

RESUME2

Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries. When we called previously we received permission to conduct an interview with your [AGE] year old [IF MALE then "son" if FEMALE then "daughter"]. May we speak to that child?

- 1 YES, RESPONDENT ON LINE
- 2 YES, COMING TO PHONE [REASK RESUME2]
- 3 NO, NOT AVAILABLE [SKIP TO CALLBACK SCREEN]
- 4 NO, REFUSED

/ASK IF RESUME2=01/

RESUME2A

Is now a good time to finish the interview?

- 1 YES
- 2 NO [SKIP TO CALLBACK SCREEN]

RESPONDENT SELECTION – LL (CALLTYPE=1)

ASK IF CALLTYPE = 1 AND INTRO1=01

ISADLT. Are you at least 18 years old and a resident of the United States?

- 01 YES
- 02 NO
- 98 DON'T KNOW [TERMINATE, ASSIGN DISPO]
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

IF ISADLT=98, 99

TERM_ISADLT. We are only interviewing adults 18 years and older at this time.

ASK IF CALLTYPE=1 AND ISADLT=2

GETADLT. May we please speak with an adult, 18 years of age or older?

- 01 YES
- 02 NO [schedule call back]
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

IF GETADLT=99

TERM_GETADLT. We are only interviewing adults 18 years and older at this time.

ASK IF CALLTYPE=1 AND GETADLT=1

INTRO1A. Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries in children and adults. You may have heard about head injuries in the news, in particular those experienced by children who play sports or military veterans. Let me assure you that this is not a sales call. Your phone number has been chosen at random to represent thousands of others in the country.

- 1 CONTINUE

ASK IF CALLTYPE=1

PRIVRES. Is this a private residence?

- 01 YES
- 02 NO [TERMINATE, ASSIGN DISPO]
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE=1 ISADLT=01 OR INTRO1A=01

ADLTS. We need to gather some information about each household member, 18 years or older, so the computer can pick someone at random for the interview. How many members of your household, including yourself, are 18 years of age or older?

- ___ Number of adults [RANGE=0-18]
- 0 [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE=1 AND ADLTS=1

ONEADLT. So you are the adult in this household?

- 01 YES, AND RESPONDENT IS MALE
- 02 YES, AND RESPONDENT IS FEMALE
- 03 NO [REASK SERIES AT ISADLT TO DETERMINE IF ADULT OR NOT]
- 04 YES, UNABLE TO TELL IF MALE OR FEMALE

*CFM00028. RESET TO REASK_ADULT IF: ***([CALLTYPE#1] AND ONEADLT IS NO)****

ASK IF CALLTYPE=1 AND ONEADLT=4

GENDER. What is your sex? 01 MALE
02 FEMALE
99 REFUSED

ASK IF CALLTYPE=1 AND ADLTS=2-18

WOMEN. How many of those adults are women?
ENTER NUMBER /RANGE = 0-9/

CALCULATE MEN = ADLTS-WOMEN

ASK IF CALLTYPE=1 AND ADLTS=2-18

V_MEN. How many of those adults are men?

ENTER NUMBER /RANGE = 0-9/

CFM00029. RESET TO PREADLTS IF: *****(V_MEN IS NO)*****

ASK IF CALLTYPE=1

PRENUMC. To help us ensure that we are talking to a representative selection of households in the United States, we have just a few additional questions about your household.

01 CONTINUE

ASK IF CALLTYPE=1

NUMC. How many children 17 years of age or younger are in your household?

ENTER NUMBER:

99 REFUSED

ASK IF CALLTYPE=1 AND NUMC> 0 AND < 99

ISPARNT. Are you the parent or guardian of [IF NUMC = 1 READ "this child" //IF NUMC >1 READ "one or more of these children"]?

01 YES

02 NO

99 REFUSED

ASK IF NUMC=1

AGESC1X. I'd like to ask a few questions about this child. How old is this child?

01. RECORD AGE

99. REFUSED

ASK IF NUMC=1 AND AGESC1X=01

AGESC1. ENTER AGE: [Range 0-17]

ASK IF NUMC=1

GENDC1. Is this child male or female?

01. MALE

02. FEMALE

99. REFUSED

ASK IF NUMC>1 AND <99

CFM00031. I'd like to ask a few questions about each child. How old is the oldest child?

01. RECORD AGE

99. REFUSED

ASK IF NUMC>1 AND CFM00031=01

CFM00032. ENTER AGE: [0-17]

ASK IF NUMC>1 AND <99

CFM00033. Is the oldest child male or female?

01. MALE

02. FEMALE

99. REFUSED

ASK IF NUMC>1

AGESC2_X. How old is the next oldest child?

01. RECORD AGE

99. REFUSED

ASK IF NUMC>1 AND AGESC2_X=01

AGESC2X. ENTER AGE: [Range 0-17]

ASK IF NUMC>1

GENDC_2. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF NUMC>2

AGESC3_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF NUMC>2 AND AGESC3_X=01

AGESC3X. ENTER AGE: [Range 0-17]

ASK IF NUMC>2

GENDC_3. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF NUMC>3

AGESC4_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF NUMC>3 AND AGESC4_X=01

AGESC4X. ENTER AGE: [Range 0-17]

ASK IF NUMC>3

GENDC_4. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF NUMC>4

AGESC5_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF NUMC>4 AND AGESC5_X=01

AGESC5X. ENTER AGE: [Range 0-17]

ASK IF NUMC>4

GENDC_5. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF NUMC>5

AGESC6_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF NUMC>5 AND AGESC6_X=01

AGESC6X. ENTER AGE: [Range 0-17]

ASK IF NUMC>5

GENDC_6. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF NUMC>6

AGESC7_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF NUMC>6 AND AGESC7_X=01

AGESC7X. ENTER AGE: [Range 0-17]

ASK IF NUMC>6

GENDC_7. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CALLTYPE = 1 AND ISPARNT = 01

INFOR. This survey asks about health information and activities that children participate in. I need to speak to someone living in your household who knows this information for each child. Are you able to answer these questions about children in the household?

- 01. YES
- 02. NO
- 88. NO CHILDREN IN HH

No Children in HH

ASK IF CALLTYPE = 1 AND ONEADLT=01 OR ONEADLT=02 AND NUMC=0,99

ONEADLT2. You are the person I need to speak with.

- 01. CONTINUE

ASK IF CALLTYPE = 1 AND ADLTS=2

PROGRAMMER: SCREENER ADULT IS SELECTED 50% OF THE TIME.

IF SCREENER ADULT IS SELECTED AND NO CHILDREN IN HH OR INFOR=2 THEN SEND TO CONEADLT CONSENT AND COMPLETE ADULT INTERVIEW

IF SCREENER ADULT IS SELECTED CONTINUE WITH ADULT PORTION OF INTERVIEW. IF INFOR=1 CONTINUE WITH PROXY INTERVIEWS TOO. USE PROXY CONSENT.

IF SELECTED ADULT IS NOT SCREENER ADULT ASK TO SPEAK WITH 2ND ADULT. IF 2ND ADULT AVAILABLE SEND TO INTRO1B. IF SECOND ADULT IS NOT AVAILABLE AND INFOR=1 COMPLETE PROXY INTERVIEW WITH ADULT ON PHONE (USE PROXY CONSENT) AND THEN SCHEDULE CB WITH SELECTED ADULT. IF SELECTED ADULT NOT AVAILABLE AND NO KNOWLEDGEABLE ADULT AVAILABLE SCHEDULE CB TO CONTACT 2ND ADULT

SELADLT : [SELECT RANDOMLY]

SCREENER ADULT

OTHER ADULT [ADULT WITH MOST RECENT BIRTHDAY IF ADLTS>2]

TWOADLT. The person in your household I need to speak with is [EITHER SCREENER RESPONDENT OR OTHER RESPONDENT]. [IF NON-SCREENER RESPONDENT, READ "May I speak with him or her?]

01. SCREENER IS SELECTED ADULT
02. ADULT COMING TO THE PHONE [SEND TO INTRO1B]
03. SELECTED ADULT NOT AVAILABLE [IF INFOR=2 OR ISPARNT=2 SEND TO SPEAKTO]
04. SELECTED ADULT IS NOT AVAILABLE [IF INFOR=1 THEN SEND TO PROXY CONSENT AND COMPLETE PROXY INTERVIEW; SCHEDULE CB TO CONTACT SELECTED ADULT]

ASK IF CALLTYPE = 1 AND ADLTS=3-18

PROGRAMMER: SCREENER ADULT IS SELECTED 1/ATH OF THE TIME, WHERE A IS THE NUMBER OF ADULTS.

IF CALLTYPE = 01 AND TWOADLT=03

SPEAKTO. I also need to speak to a parent or guardian living in your household who knows health and activities information for each child. Because the selected adult is not available, may I speak to the person who knows this information?

1. KNOWLEDGEABLE ADULT COMING TO THE PHONE
02. KNOWLEDGEABLE ADULT NOT AVAILABLE [SKIPTO TSTAT160]

IF CALLTYPE = 01 AND SPEAKTO = 01

INTRO1B. Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head or neck injuries in children and adults. You may have heard about head injuries in the news, in particular those experienced by children who play sports or military veterans. Let me assure you that this is not a sales call.]

INFOR2. This survey asks about health information and activities that children participate in. I need to speak to parent or guardian living in your household who knows this information for each child. Are you able to answer these questions about children in the household?

- 01 YES [GO TO CPROXY]
- 02 NO [GO TO CONEADLT]
- 00 NO CHILDREN IN HH

CALC SELECTED = PERSON ON PHONE 1/ATH OF TIME, WHERE A IS THE NUMBER OF ADULTS

IF SELECTED IS PERSON ON PHONE, CONTINUE ADULT PORTION OF INTERVIEW. IF SELECTED CAN REPORT ON CHILDREN (INFOR=01), CONTINUE WITH PROXY INTERVIEWS, TOO.

IF SELECTED IS NOT PERSON ON PHONE, ASK FOR ADULT WITH MOST RECENT BIRTHDAY.

IF THAT ADULT AVAILABLE, ASK IF HE/SHE CAN REPORT ON CHILDREN. IF SO, DO ADULT AND PROXY WITH THE SELECTED ADULT.

IF THAT ADULT NOT AVAILABLE, AND PERSON ON PHONE CAN REPORT ON CHILDREN, GET SCREENER ADULT (ONE ON THE PHONE) TO PROVIDE PROXY INFORMATION FOR CHILDREN. THEN SCHEDULE CALLBACK FOR SELECTED ADULT.

THREADLT. Our study requires that we randomly select one person who lives in your household to be interviewed. The person from your household who has been randomly selected is [IF SELECTED ADULT IS SCREENED ADULT READ: you.] [IF SELECTED ADULT IS NOT SCREENED ADULT READ: the adult, not including yourself, with the next birthday.

May I speak with him or her?

01. SCREENER IS SELECTED ADULT
02. ADULT COMING TO THE PHONE [SEND TO INTRO1B THEN INFOR2 IF CHILDREN IN HH] [IF NO CHILDREN SEND TO INTRO1 B THEN CONEADLT]
03. SELECTED ADULT NOT AVAILABLE [IF INFOR=2 OR ISPARNT=2 SEND TO SPEAKTO]
04. SELECTED ADULT IS NOT AVAILABLE [IF INFOR=1 THEN SEND TO CPROXY CONSENT AND COMPLETE PROXY INTERVIEW; SCHEUDLE CB TO CONTACT SELECTED ADULT]
05. SELECTED ADULT NOT AVAILABLE AND NO CHILDREN IN HH [schedule CB]

INTTYPE denotes who the interview is being conduct with

A = Adult, non-parent interview

P = Proxy interview with adult

D = Direct adolescent interview

RESPONDENT SELECTION – CELL (CALLTYPE=2)

ASK IF CALLTYPE = 2 AND INTRO1=01

CISADLT. Are you at least 18 years old and a resident of the United States?

- 01 YES
- 02 NO [TERMINATE, ASSIGN DISPO]
- 98 DON'T KNOW [TERMINATE, ASSIGN DISPO]
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE=2 AND CISADLT=2,98,99

TERM. We are only interviewing adults 18 years and older at this time.

ASK IF CALLTYPE=2 AND CISADLT=01

CPRIVRES. Do you live in a private residence?

- 01 YES
- 02 NO [TERMINATE, ASSIGN DISPO]
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE=2 AND CPRIVRES=01

CADLTS. How many adults 18 years of age or older, including yourself, are in your household?

- Number of adults [RANGE=0-18]
- 1 [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE =2

SAFE. Your safety is important. Are you driving in a car, or in a place where talking on the phone might distract you or jeopardize your safety or confidentiality?

- 01 YES
- 02 NO
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE=2 AND SAFE=01

UNSAFE. I would like to call you at a more convenient time. What day and time would be best?

- 01 SCHEDULE CALLBACK
- 99 REFUSED [TERMINATE, ASSIGN DISPO]

ASK IF CALLTYPE=2

CPRENUMC. To help us ensure that we are talking to a representative selection of households in the United States, we have just a few additional questions about the members of your household.

1 CONTINUE

ASK IF CALLTYPE=2

CNUMC. How many children 17 years of age or younger are in your household?

ENTER NUMBER:

99 REFUSED

ASK IF CALLTYPE=2 AND CNUMC> 0 AND < 99

CISPART. Are you the parent or guardian of [IF CNUMC = 1 READ "this child" //IF CNUMC >1 READ "one or more of these children"]?

01 YES

02 NO

99 REFUSED

ASK IF CALLTYPE=2 AND CNUMC> 0 AND < 99

ASK IF CNUMC=1

CAGESC1X. I'd like to ask a few questions about this child. How old is this child?

01. RECORD AGE

99. REFUSED

ASK IF CNUMC=1 AND CAGESC1X=01

CAGESC1. ENTER AGE:[Range 0-17]

ASK IF CNUMC=1

CGENDC1. Is this child male or female?

01. MALE

02. FEMALE

99. REFUSED

ASK IF CNUMC>1 AND <99

CFM00044. I'd like to ask a few questions about each child. How old is the oldest child?

01. RECORD AGE

99. REFUSED

ASK IF CNUMC>1 AND <99 AND CFM00044=01

CFM00045. ENTER AGE:[Range 0-17]

ASK IF CNUMC>1 AND <99

CFM00046. Is the oldest child male or female?

01. MALE

02. FEMALE

99. REFUSED

ASK IF CNUMC>1

CAGESC2_X. How old is the next oldest child?

01. RECORD AGE

99. REFUSED

ASK IF CNUMC>1 AND CAGESC2_X=01

CAGESC2X. ENTER AGE: [Range 0-17]

ASK IF CNUMC>1

CGENDC_2. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CNUMC>2

CAGESC3_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF CNUMC>2 AND CAGESC3_X=01

CAGESC3X. ENTER AGE: [Range 0-17]

ASK IF CNUMC>2

CGENDC_3. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CNUMC>3

CAGESC4_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF CNUMC>3 AND CAGESC4_X=01

CAGESC4X. ENTER AGE: [Range 0-17]

ASK IF CNUMC>3

CGENDC_4. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CNUMC>4

CAGESC5_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF CNUMC>4 AND CAGESC5_X=01

CAGESC5X. ENTER AGE: [Range 0-17]

ASK IF CNUMC>4

CGENDC_5. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CNUMC>5

CAGESC6_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF CNUMC>5 AND CAGESC6_X=01

CAGESC6X. ENTER AGE: [Range 0-17]

ASK IF CNUMC>5

CGENDC_6. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CNUMC>6

CAGESC7_X. How old is the next oldest child?

- 01. RECORD AGE
- 99. REFUSED

ASK IF CNUMC>6 AND CAGESC7_X=01

CAGESC7X. ENTER AGE: [Range 0-17]

ASK IF CNUMC>6

CGENDC_7. Is the next oldest child male or female?

- 01. MALE
- 02. FEMALE
- 99. REFUSED

ASK IF CALLTYPE = 2 AND CISPARNT = 01

CINFOR. This survey asks about health information and activities that children participate in. I need to speak to someone who knows this information for each child. Are you able to answer these questions about children in the household?

- 01 YES
- 02 NO
- 88 NO CHILDREN IN HOUSEHOLD

CONSENT

ASK IF NOT A PARENT/GUARDIAN OF CHILDREN IN HOUSEHOLD

CONEADLT. You have been randomly chosen to participate in an important study. The Centers for Disease Control and Prevention (CDC) is sponsoring this telephone study of up to 10,000 people in the United States to find out about their experiences with head injuries in the past 12 months. Even if you haven't had an injury in the past 12 months, you can still participate in this important study.

The data we are collecting are very important, and will be used to guide national policies. The majority of respondents will complete the survey in less than 14 minutes.

There are minimal risks, and no known direct benefits to being in this voluntary study. To keep your information private, your name will never be connected to your answers. CDC will keep the information that you provide private and secure to the extent permitted by the law. You can skip any question or stop the survey at any time. If you have questions or concerns about participating in the study, you may contact ICF, the independent health research company hired to conduct this survey. They can be reached toll-free at -1-844-604-4399. If you have any questions about your rights as a research participant, please contact Sophia Zanakos at 301-572-0239. This call may be monitored for quality assurance purposes.

May we begin?

- 1. YES [SKIP TO TRANS1]

2. NO [SCHEDULE CALLBACK]

ASK IF PARENT/GUARDIAN OF CHILDREN IN HOUSEHOLD

CPROXY. You have been randomly chosen to participate in this important study. The Centers for Disease Control and Prevention (CDC) is sponsoring this telephone study of up to 10,000 people in the United States to find out about their experiences with head injuries in the past 12 months.

We will also ask you about the [IF NUMC=1 READ "child's" / IF NUMC >1 READ "children's"] experiences with head injuries in the past 12 months. Even if you or the [IF NUMC=1 READ "child has" / IF NUMC>1 READ "children have"] not had an injury in the past 12 months, you can still participate in this important study.

The data we are collecting are very important, and will be used to guide national policies. The majority of respondents will complete the survey in less than 20 minutes.

There are minimal risks, and no known direct benefits to being in this voluntary study. To keep your information private, your name will never be connected to your answers. CDC will keep the information that you provide about you and the children private and secure to the extent permitted by the law. You can skip any question or stop the survey at any time. If you have questions or concerns about participating in the study, you may contact ICF, the independent health research company hired to conduct this survey. They can be reached toll-free at -1-844-604-4399. If you have any questions about your rights as a research participant, please contact Sophia Zanakos at 301-572-0239. This call may be monitored for quality assurance purposes.

May we begin?

- 1. YES [SKIP TO TRANS1]
- 2. NO [SCHEDULE CALLBACK]

SURVEY CONTENT

Weighting Demos and State

ASK IF INTTYPE=A OR P

TRANS1. Thank you. Before we continue with the rest of the survey, we have just a few questions for background purposes only.

ASK IF INTTYPE=A

- AGE. What is your age?
- 01. GIVES AGE
 - 99. REFUSED

ASK IF AGE=01

AGE1. ENTER AGE:

ASK IF CALLTYPE=1 OR 2 AND (ADLTS OR CADLTS>1)

- GENDER2. INTERVIEWER CODE RESPONDENT SEX
- 21 MALE
 - 22 FEMALE
 - 04 UNABLE TO TELL IF MALE OR FEMALE

ASK IF GENDER2=04

- GENDER2A. What is your sex?
- 01 MALE
 - 02 FEMALE
 - 99 REFUSED

ASK IF INTTYPE=A OR P

HISPA. Are you Hispanic, Latino/a, or of Spanish origin?

- 01. NO, NOT HISPANIC, LATINO OR OF SPANISH ORIGIN
- 02. YES, HISPANIC, LATINO, OR OF SPANISH ORIGIN
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A OR P

/PROGRAMMER: MUL=5/

RACEA. Which one or more of the following would you say is your race?

INTERVIEWER: IF RESPONDENT SAYS "HISPANIC OR LATINO" SAY, "THANK YOU - I HAVE RECORDED THAT YOU ARE HISPANIC/LATINO. WOULD YOU SAY THAT YOU ARE WHITE, BLACK OR AFRICAN AMERICAN, AMERICAN INDIAN OR ALASKA NATIVE, ASIAN, NATIVE HAWAIIAN OR PACIFIC ISLANDER, OR MORE THAN ONE OF THESE?"

- 01 White
- 02 Black or African American
- 03 American Indian or Alaska Native
- 04 Asian, or
- 05 Native Hawaiian or other Pacific Islander

INTERVIEWER: DO NOT READ THE FOLLOWING OPTIONS

- 95 OTHER
- 97 DON'T KNOW
- 99 REFUSED

ASK IF INTTYPE=A OR P

EDUC. What was the highest grade or year in school that you completed?

[DO NOT READ]

- 01. DIDN'T GRADUATE FROM HIGH SCHOOL
- 02. RECEIVED GED (HIGH SCHOOL EQUIVALENCY)
- 03. GRADUATED FROM HIGH SCHOOL
- 04. TECHNICAL/VOCATIONAL SCHOOLING BEYOND HIGH SCHOOL
- 05. ATTENDED SOME COLLEGE (BUT NO DEGREE)
- 06. ASSOCIATE'S DEGREE (2-YEAR COLLEGE DEGREE)
- 07. 4-YEAR COLLEGE DEGREE
- 08. GRADUATE OR PROFESSIONAL SCHOOL BEYOND 4-YEAR DEGREE
- 97 DON'T KNOW
- 99 REFUSED

ASK IF INTTYPE=A OR P

OWNRENT. Do you currently own or rent your residence?

- 01. OWN
- 02. RENT
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A OR P

MARITAL. What is your marital status? Are you currently...

- 01. Married
- 02. Living with a partner, or have a common-law marriage
- 03. Widowed
- 04. Divorced
- 05. Married, but separated, or

- 06. Never married?
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A AND CALLTYPE=2

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

INTERVIEWER NOTE: Telephone service over the internet counts as landline service (includes vonage, magic jack and other home-based phone services.).

- 01 YES
- 02 NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A AND CALLTYPE=1

PHONES1: 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.

- 01 YES
- 02 NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF PHONES1=1

PHONES2: How many of these telephone numbers are residential numbers?

Residential telephone numbers [6 = 6 or more] RANGE=1-6

- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A OR P AND CALLTYPE=1

CELLPH: Including phones for business and personal use, do you have a cell phone for personal use?

- 01 YES
- 02 NO
- 97. DON'T KNOW
- 99. REFUSED

Past 12 Months TBI

ASK IF INTTYPE = A, P, OR D

WHEN ADULT OR PROXY REPORTS FOR CHILD DISPLAY: "Now I'd like to ask some questions about your [insert age] year old [IF MALE= "son" IF FEMALE="daughter"]."

RECALL. We are interested in learning about times, in the last year, when [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] experienced a head injury. This might have been from a bump, blow or jolt to [IF INTTYPE=A OR D READ "your"/ IF INTTYPE=P READ "their"] head.

- 1. CONTINUE

ASK IF INTTYPE=A, P OR D

- INJ. In the last year, that is since [insert date 1 year ago from today], [IF INTTYPE=A OR D READ “were you”/ IF INTTYPE=P READ “was your child”] examined in a doctor’s office, clinic, hospital or elsewhere because of a head injury?
- 01. YES
 - 02. NO
 - 97. DON’T KNOW
 - 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJ =1

- INJN. Since [insert date 1 year ago from today], how many head injuries did [IF INTTYPE=A OR D READ “you”/ IF INTTYPE=P READ “your child”] have that caused [IF INTTYPE=A OR D READ “you”/ IF INTTYPE=P READ “your child”] to go to a doctor’s office, clinic, or hospital or to be examined elsewhere?
- ENTER COUNT: _____[1-96]
- 97. DON’T KNOW
 - 99. REFUSED

ASK IF INTTYPE=A, P OR D

PREJOG. Now I’d like for you to think about (IF YES TO TREATED TBI “other”) times in the last year when [IF INTTYPE=A READ “you”/ IF INTTYPE=P READ “your child”] may have experienced an injury to the head. I would like you to tell me about a head injury even if [IF INTTYPE=A READ “you”/ IF INTTYPE=P READ “your child”] did not go to see a doctor for care. This might have happened while playing a sport for fun or competition, or while [IF INTTYPE=A READ “you were”/ IF INTTYPE=P READ “your child was”] doing something physically active like bicycling. It might have happened as a result of a car accident or because someone hurt [IF INTTYPE=A READ “you”/ IF INTTYPE=P READ “your child”]. Or, it could have happened because [IF INTTYPE=A READ “you”/ IF INTTYPE=P READ “your child”] tripped, slipped, or fell down.

- 1. CONTINUE

ASK IF INTTYPE=A, P OR D

- INJ2. In the last year, that is since [insert date 1 year ago from today], did [IF INTTYPE=A OR D READ “you”/ IF INTTYPE=P READ “your child”] experience any other injuries to [IF INTTYPE=A OR D READ “your”/ IF INTTYPE=P READ “their”] head that you did not see a doctor about?
- 01. YES
 - 02. NO
 - 97. DON’T KNOW
 - 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJ2 =1

- INJN2. Since [insert date 1 year ago from today], how many head injuries did [IF INTTYPE=A OR D READ “you”/ IF INTTYPE=P READ “your child”] experience that you did not see a doctor about?
- ENTER COUNT: _____[1-96]
- 97. DON’T KNOW
 - 99. REFUSED

PROGRAMMER: CREATE INJNUM= INJN + INJN2 IF INJN < 97 AND INJN2 <97. IF INJN AND INJN2 ARE BOTH DK/REFUSED, CREATE SYSINJN=1. SET SYSINJN=INJNUM SO THAT RESPONDENTS MOVE THRU THE SURVEY AS IF THEY HAVE HAD ONE INJURY

IF INJ AND INJ2=2 (NO INJURIES) SKIP TO ADULT DEMOGRAPHICS OR CYCLE THROUGH PROXY INTERVIEW(S)

ASK IF INTTYPE=A, P OR D AND INJN AND INJN2 =1-96. SO WE ONLY CONFIRM THE NUMBER IF WE HAVE A NUMBER.

*/IF INJNUM=1 THEN *TEXTSUB=INJURY/LESIÓN; IF INJNUM>1 THEN *TEXTSUB=INJURIES/LESIONES /*

INJNTOT. So to confirm, [IF INTTYPE=A OR D READ “you have”/ IF INTTYPE=P READ “your child has”] had [INSERT INJNUM] IF INJNUM>1 READ “separate”] head *textsub* in the past 12 months?

- 01. YES
- 02. NO (REASK AND CORRECT)
- 97. DON'T KNOW
- 99. REFUSED

Injury Description

*PROGRAMMER: FIRST LOOP BEGINS HERE FROM PREINTX TO MONTHB FOR UP TO THREE INJURIES.
/IF ONE INJURY DO NOT DISPLAY WE WILL BEGIN WITH YOUR MOST RECENT HEAD INJURY.*

ASK IF INTTYPE=A, P OR D AND INJN >=1

PREINTX. Thank you. Now we have some more questions about [IF INTTYPE=A OR D READ “your”/ IF INTTYPE=P READ “your child’s”] head [IF INJN + INJN2 =1 READ “injury”/ IF INJN + INJN2 >1 READ “injuries”]. We will begin with your most recent head injury.

- 01. CONTINUE

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >1

LOOP2 READ: SECOND MOST RECENT; LOOP 3 READ: THIRD MOST RECENT

INJOPNB. Can you provide a very brief two or three word description of your [IF INTTYPE=P READ “child’s”] most recent head injury? For example, “car accident” or “soccer injury”. We will talk about your other head injuries next.

INTERVIEWER: WRITE BRIEF DESCRIPTION

- 01. _____ [ENTER RESPONSE TEXT RANGE= XXXX]
- 97 DON'T KNOW
- 99 REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 =>1 (NEED YEAR EVEN IF IT IS ONLY ONE INJURY)

QYEAR. In what year did the head injury occur?

- 1. XXXX [ENTER FOUR DIGIT YEAR]
- 9997 DON'T KNOW
- 99999 REFUSED

ASK IF YEAR NOT IN 2016, 2017

YEARVAL [insert response to year] is outside the range of years we are asking about. We are interested in head injuries that occurred since [insert date 1 year ago].

[IF ONLY ONE INJURY GO TO LIFETBIDX]

[IF MORE THAN ONE INJURY GO TO NEXT LOOP]

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 =>1 (NEED MONTH EVEN IF IT IS ONLY ONE INJURY)

QMONTH. In what month did the head injury occur?

- 01. JANUARY
- 02. FEBRUARY
- 03. MARCH
- 04. APRIL
- 05. MAY
- 06. JUNE
- 07. JULY

- 08. AUGUST
- 09. SEPTEMBER
- 10. OCTOBER
- 11. NOVEMBER
- 12. DECEMBER
- 97. DON'T KNOW
- 99. REFUSED

ASK IF YEAR + MONTH DOES NOT DETERMINE IF INJURY OCCURRED WITHIN PAST 6 MONTHS.

- MONTHA. Did the head injury occur before or after [interview date - 180 Days]?
- 1. BEFORE
 - 2. AFTER
 - 97. DON'T KNOW
 - 99. REFUSED

ASK IF YEAR +MONTH DOES NOT DETERMINE IF INJURY OCCURRED WITHIN PAST YEAR

- MONTHB. Did the head injury occur before or after [interview date - 365 Days]?
- 1. BEFORE
 - 2. AFTER
 - 97. DON'T KNOW
 - 99. REFUSED

ASK IF YEAR OR MONTH IS 97, 99

- ONEYR. Did the head injury occur before or after [interview date -365 Days]?
- 1. BEFORE
 - 2. AFTER
 - 97. DON'T KNOW
 - 99. REFUSED

ASK IF YEAR OR MONTH IS 97,99

- SIXMO. Did the head injury occur before or after [interview date - 180 Days]?
- 1. BEFORE
 - 2. AFTER

IF INJURY HAPPENED MORE THAN ONE YEAR AGO (IF MONTHB = 1 OR ONEYR=1) AND THERE ARE NO MORE INJURIES, RESPONDENT GOES TO LIFETIME TBI SECTION.

Signs/Symptoms

PROGRAMMER: SECOND LOOP STARTS HERE FROM PRESYMMU TO ACTSELX IF INJN + INJN2 >= 1

REFER TO EACH INJURY USING INJOPNB TO REMIND THE RESPONDENT WHICH INJURY YOU ARE ASKING ABOUT

IF INJNUM>1 AND YEAR OR MONTH IS DK/REF FOR ANY INJURY IN THE LOOP THEN LOOP1 REPRESENTS THE MOST RECENT INJURY, LOOP2 REPRESENTS THE SECOND MOST RECENT INJURY, AND LOOP3 REPRESENTS THE THIRD MOST RECENT INJURY.

IN THESE CASES OF MISSING YEAR OR MONTH BECAUSE RESPONDENT ANSWERED DK/REF PRESYMMU SHOULD REFERENCE INJOPNB IF POPULATED AND MONTH IF POPULATED AS FOLLOWS

IF INJOPNB IS MISSING -

PRESYMMU. Now I'd like to discuss the injuries you told me about. [IF INJOPNB IS MISSING REFER TO LOOP NUMBER FOR TEXT INSERT.] LOOP1 READ: Please tell me about the injury you reported as the most recent injury [IF MONTH IS POPULATED INSERT MONTH AS FOLLOWS ELSE DO NOT DISPLAY] that occurred in [MONTH]. LOOP2 READ: Please tell me about the injury you reported as your second most recent injury [IF MONTH IS POPULATED INSERT MONTH AS

FOLLOWS ELSE DO NOT DISPLAY TEXT] that occurred in [MONTH]. LOOP3 READ: Please tell me about your injury you reported as your third most recent injury [IF MONTH IS POPULATED INSERT MONTH AS FOLLOWS ELSE DO NOT DISPLAY TEXT] that occurred in [MONTH].

IF MONTH IS MISSING AND INJOPNB POPULATED

PRESYMMU. Now I'd like to discuss the injuries you told me about. Please tell me about the injury you described as the [INJOPNB].

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >1

PRESYMMU. Now I'd like to discuss [IF SECOND AND THIRD LOOP display the next injury. [IF FIRST LOOP DISPLAY: the injuries you told me about]. [IF INJOPNB IS POPULATED READ "Let's discuss the one you described as [INJOPNB]// IF MONTHN IS POPULATED READ "that occurred in [MONTHN].

1. CONTINUE

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

PRESYM. In the next set of questions, I will be asking what happened to [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] immediately or in the minutes after this head injury. For each one I read, please tell me if it happened to [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] or not. We only want to know about things caused by the head injury or made worse by the head injury. [IF INTTYPE =P, READ "If you are unsure about whether your child experienced the symptom in relation to the head injury, it is okay to say that you don't know.]

1. CONTINUE

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1

SYM1. [IF INTTYPE=A READ "Were you dazed, confused or did you have trouble thinking straight?" / [IF INTTYPE= P READ "Did your child have trouble thinking straight or appear to be out of it?" / [IF INTTYPE= D READ "Did you have trouble thinking straight or feel out of it?"]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1

SYM2. [IF INTTYPE=A OR D READ "Did you have difficulty remembering what happened just before or after the head injury?" / [IF INTTYPE= P READ "Did your child have difficulty remembering what happened just before or after the head injury?"

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1

SYM3. [IF INTTYPE=A OR D READ "Were you knocked out or did you lose consciousness, even briefly?" / [IF INTTYPE= P READ "Was your child knocked out or did your child lose consciousness, even briefly?"

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P, OR D AND SYM3=1

SYM3A. For how long? Was it...

INTERVIEWER: IF RESPONDENT IS UNSURE, SAY, "It is okay to give your best guess."]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. A few seconds
- 02. More than a few seconds, up to 5 minutes
- 03. 6 to 30 minutes
- 04. 31 minutes to 24 hours, or
- 05. More than 24 hours
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

PRESYM4. Now we'd like to ask you about things that happen to some people after a head injury. Some of these develop immediately or minutes after a head injury and some do not happen until later. Again, we only want to know about things caused by the head injury or made worse by the head injury. [IF INTTYPE =P, READ "If you are unsure about whether your child experienced the symptom in relation to the head injury, it is okay to say that you don't know.]

- 01. CONTINUE

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM4. [IF INTTYPE=A OR D READ "Did you feel sick to your stomach or did you vomit?" / [IF INTTYPE= P READ "Did your child complain of feeling sick to his or her stomach or did he or she vomit?"]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND SYM4=1

SYM4A. Did this start...

INTERVIEWER: Read [INJOPNB] if needed.

- 01. Immediately or minutes after, or
- 02. Later on
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM5. Did [IF INTTYPE=A OR D READ "you have a headache?" / [IF INTTYPE=P READ "your child complain of a headache?"]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND SYM5=1

SYM5A. Did this start...

INTERVIEWER: Read [INJOPNB] if needed.

- 01. Immediately or minutes after, or
- 02. Later on

- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM6. [IF INTTYPE=A OR D READ "Was there ever a time when you were dizzy, clumsy or had balance problems?" / IF INTTYPE=P READ, "Did your child appear dizzy or complain of dizziness, appear to move in a clumsy way, or have balance problems?"

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1 AND SYM6=1

SYM6A. Did this start...

INTERVIEWER: Read [INJOPNB] if needed.

- 01. Immediately or minutes after, or
- 02. Later on
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM7. [IF INTTYPE=A OR D READ "Did you have blurred or double vision, or other changes in your vision?" / IF INTTYPE=P READ "Did your child have or complain about blurred or double vision, or other changes in vision?"]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1 AND SYM7=1

SYM7A. Did this start...

INTERVIEWER: Read [INJOPNB] if needed.

- 01. Immediately or minutes after, or
- 02. Later on
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM8. Did [IF INTTYPE=A OR D READ "you" / IF INTTYPE=P READ "your child"] have trouble concentrating?

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1 AND SYM8=1

SYM8A. Did this start..

INTERVIEWER: Read [INJOPNB] if needed.

- 01. Immediately or minutes after, or
- 02. Later on

- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

PRESYM9. Earlier we asked about things that might have started immediately or minutes after a head injury. The next questions are about things that might happen to people sometime after. Again, we are only interested in things caused by the head injury, or made worse by the head injury. [IF INTTYPE=P, READ "If you are unsure about whether your child experienced the symptom in relation to the head injury, it is okay to say that you don't know.]"

- 01. CONTINUE

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM9. [IF INTTYPE=A READ "Did you have difficulty learning or remembering new things?" / IF INTTYPE=P READ "Did your child become confused with directions or tasks or answer questions more slowly than usual?" / IF INTTYPE=D READ "Did you become confused with directions or tasks, or answer questions more slowly than usual?"]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM10. [IF INTTYPE=A OR D READ "Were you" / IF INTTYPE=P READ "Was your child"] more sensitive than usual to either light or noise?

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM11. [IF INTTYPE=A OR D READ "Did you experience a change in mood or temperament such as irritability, or feel more emotional than usual?" / IF INTTYPE=P READ "Was there a change in your child's mood or temperament, were they more irritable, or otherwise more emotional than usual?"]

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYM12. [IF INTTYPE=A OR D READ "Did you have trouble sleeping or were you more tired than usual?" / IF INTTYPE = P READ "Did your child have trouble sleeping or appear more tired than usual?"

INTERVIEWER: Read [INJOPNB] if needed.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

SRR Activity

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1

SRRX. Did [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] experience this head injury while playing a sport, or while engaged in physical fitness or a recreational activity for fun or competition?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A, P OR D AND SRRX=1

ACTSELX. Which activity [IF INTTYPE=A OR D READ "were you"/ IF INTTYPE=P READ "was your child"] doing at the time of the head injury?

1. Aerobics, cardio
2. Balance beam
3. Balance rope
4. Ballet
5. Barrel racing
6. Base jumping
7. Baseball
8. Basketball, shooting hoops
9. Bicycling Biking or Cycling
10. Boxing, Sparring
11. Bungee jumping
12. Burpees
13. Calisthenics
14. Canoeing
15. Cheerleading
16. Circuit training
17. Climbing (ice, rock)
18. Climbing wall, net, bars
19. Conditioning, warm-up (gymnastics)
20. Crew
21. Cross fit
22. Dancing (any kind)
23. Diving, jumping into water
24. Dodgeball
25. Elliptical
26. Equestrian
27. Floor exercises
28. Football
29. Foursquare
30. Guns, firearms
31. Gym equipment
32. Gymnastics
33. Hang gliding
34. Heptathlon
35. High bar
36. Hiking
37. Hockey (field, ice)
38. Hopscotch
39. Horse (riding, racing)
40. Hover boarding
41. Hunting
42. Inner-tubing (water)
43. Javelin
44. Jiu-jitsu
45. Judo
46. Jumping jacks
47. Jungle gym
48. Karate
49. Kayaking
50. Lacrosse
51. Lifting weights, free weights
52. Long jump, high jump, triple jump
53. Martial arts (Mixed, MMA)
54. Monkey bars
55. Motor vehicle (car, truck, offroad, dirt bike, motorcycle)
56. Muay thai
57. Parachuting, paragliding, parasailing
58. Parallel bar or uneven bars
59. Parkour
60. Pilates
61. Ping pong/ table tennis
62. Playground activity
63. Pole bending (rodeo)
64. Pole vaulting
65. Polo
66. Pommel horse
67. Racquetball
68. Rafting (water)
69. Red rover
70. Riding stock
71. Rings (still)
72. Rodeo
73. Roping
74. Rowing machine
75. Rugby
76. Running, jogging
77. Sailing
78. Scuba diving
79. Shooting skeet, targets or for competition
80. Shot put
81. Skateboarding/long boarding
82. Skating, ice or figure
83. Skating, inline
84. Skating, roller
85. Ski jumping
86. Skiing
87. Sledding (snow)
88. Slide, slide pole, sliding
89. Snorkeling
90. Snowboarding
91. Snow tubing
92. Soccer
93. Softball
94. Squash
95. Stair climber
96. Stationary bike
97. Steer wrestling
98. Stretching, flexibility
99. Surfing
100. Swimming
101. Swings, swinging
102. Tae Kwon Do
103. Tag
104. Teeter totter, see-saw
105. Tennis
106. Tetherball
107. Track and field
108. Treadmill
109. Triathlon
110. Ultimate frisbee
111. Vault
112. Volleyball, indoor
113. Volleyball, outdoor
114. Walking
115. Water Polo
116. Water Tubing
117. Wrestling

- 118. Yoga
- 119. Zip lining
- 120. Zumba
- 121. None of these/other: ENTER: XXXXXX

ASK IF INTTYPE=P AND SRRX=1

- SRRSET1X. When your child sustained this head injury, was your child participating in a school based team sport, not including PE or recess?
- 01. YES
 - 02. NO
 - 97. DON'T KNOW
 - 99. REFUSED

ASK IF INTTYPE=P AND SRRSET1X = 2, 97, OR 99

- SRRSET3X. When your child sustained this head injury, was your child participating in a non-school based sports league?
- 01. YES
 - 02. NO
 - 97. DON'T KNOW

SRR Organized Activity

ASK IF (INTTYPE = P AND SRRSET1X=1)

- SSRSET1BX. What was the level of play? Was it...
- 01. High school
 - 02. Middle school (junior high), or
 - 03. Grade school (elementary school)
 - 97. DON'T KNOW
 - 99. REFUSED

ASK IF SRRX=1 AND (IF INTTYPE = P AND SRRSET1X=1 OR SRRSET3X=1)

- SRRPCPX. Did the head injury occur as part of a...
- 01. Practice or training,
 - 02. Competition, or
 - 03. Performance
 - 97. DON'T KNOW
 - 99. REFUSED

CASE DEFINITION: IF THERE IS ONE INJURY WITH SYMPTOMS, GOTO INTENTX. IF THERE IS ONE INJURY WITHOUT SYMPTOMS, GOTO TXMOSTNS. IF > 1 FOR EITHER, REFER TO THE MOST RECENT INJURY.

PROGRAMMER: THE ORDER WE NEED FOR PEOPLE AND INJURIES IS AS FOLLOWS:

Beginning with RECALL, the randomly selected adult answers thru ACTSELX (if SRR=1) for injury #1. If there is a second injury, the selected adult answers from INJOPNB thru ACTSELX. If there is a third injury, the adult answers INJOPNB thru ACTSEL.

Randomly order children so the loops don't always ask about the older's child in loop1 and youngest in last loop.

Then we move to Child1 and adult answers as proxy starting with RECALL. If head injury positive, go thru SRRSET3X (if applicable) for injury #1. If there is a second injury for Child1, the adult answers from INJOPNB thru SRRSET3X. If there is a third injury, that loop is repeated again (INJOPNB thru ACTSEL).

Then we move to Child2 and adult answers as proxy starting with RECALL. If head injury positive, go thru SRRSET3X (if applicable) for injury #1. If there is a second injury for Child2, the adult answers from INJOPNB thru SRRSET3X. If there is a third injury, that loop is repeated again (INJOPNB thru ACTSEL).

Then we move to Child3, 4, Nth using above structure.

Once injuries established for everyone in the house, interview picks up at INTENTX (if applicable) for the last/most recent child for whom injuries were established. Starting with INTENTX, questions pertain to only the most recent injury for that child. Interview goes through the remaining demographics [CRACEA] for this child.

Move through each child [RECALL TO CRACEA]

Then complete remaining adult injury data [INTENTX] and remaining adult demographics.

PROGRAMMER: IF THERE IS MORE THAN ONE INJURY, GO BACK THROUGH SIGNS/SYMPTOMS TO ACTSELX FOR THE NEXT INJURY FOR UP TO THREE INJURIES PER A, P OR D.

MOST RECENT INJURY NO SYMPTOMS

TXMOSTNS.

This part of the survey is about [IF INTTYPE=A or D READ “your”; IF INTTYPE=P READ “your [AGE] year old” IF MALE “son” IF FEMALE “daughter”]’s injury [IF INJOPNB IS POPULATED READ “, which you described as the [INSERT INJOPNB]”] {IF MONTH POPULATED DISPLAY: “that occurred in [MONTH]”} [IF MONTH and INJOPNB missing (DK OR REF) “{IF INJURY IN LOOP1: “most recent injury you reported”; IF INJURY IN LOOP2 “second most recent injury you reported”; IF INJURY IN LOOP3 “third most recent injury you reported”}].

ASK IF INTTYPE = A OR P AND IF INJN + INJN2 >= 1 (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

PREMEDN. We have some questions about medical care [IF INTTYPE=A READ “you”/ IF INTTYPE=P READ “your child”] may have received because of this head injury. First, [IF INTTYPE=A READ “were you”/ IF INTTYPE=P READ “was your child”] ever examined by a medical professional, paramedic or an athletic trainer?

INTERVIEWER: PARAMEDIC INCLUDES EMTs

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND INJN + INJN2 >= 1 AND PREMED=1 (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

TBIDXN. Following this head injury, did a medical professional diagnose [IF INTTYPE=A READ “you”/ IF INTTYPE=P READ “your child”] with a concussion or traumatic brain injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND (PREMED=2) (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

WHYNOCRNXN. Sometimes it is very difficult for people to receive the health care that they need or want [IF INTTYPE=P READ "for their child"]. Please select the primary reason [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] did not receive health care for this head injury.

1. You had difficulty paying for it
02. You did not have transportation
03. You could not take time off work
04. You did not think the injury [IF INTTYPE=A READ "to your head"/IF INTTYPE=P READ "to your child's head"] was serious, or
95. Was there another reason? [ENTER RESPONSE [TEXT RANGE = XXX]]
97. DON'T KNOW
99. REFUSED

ASK IF INTTYPE = D (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

DASSESEDN. Did anyone check you out to see if you were injured?

01. YES
02. NO
97. DON'T KNOW/NOT SURE
99. REFUSED

ASK IF INTTYPE = D AND IF DASSESSED = 2 (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

PRETELLN. Although you were not checked out for your head injury, did you tell anyone?

01. YES
02. NO
97. DON'T KNOW/NOT SURE
99. REFUSED

ASK IF INTTYPE = D AND PRETELL = 2 (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

MULT=4 [NOTE SELECT ALL THAT APPLY INSTRUCTIONS BELOW]

NOTEELLWHYN. Why did you choose not to tell anyone? Was it because you...

INTERVIEWER: SELECT ALL THAT APPLY.

1. Did not realize you were injured
2. Did not think the head injury was serious
3. Did not want to be removed from your sport
95. Some other reason [ENTER RESPONSE [TEXT RANGE = XXX]]
97. DK/NR
99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >=1(THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

FUNCSN. To what extent did the head injury interfere with [IF INTTYPE=A or D READ “your”; IF INTTYPE=P READ “your child’s”] normal social activities with family, friends, neighbors or groups?

1. Not at all
2. Slightly
3. Moderately
4. Quite a bit
5. Extremely
97. DON'T KNOW
99. REFUSED

ASK IF INTTYPE=A AND INJN + INJN2 >=1 (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

FUNCWN. To what extent did the head injury interfere with your normal work (including work outside the home and housework)?

1. Not at all
2. Slightly
3. Moderately
4. Quite a bit
5. Extremely
97. DON'T KNOW
99. REFUSED

ASK IF INTTYPE= P OR D AND INJN + INJN2 >=1 (THIS QUESTION ONLY INCLUDES MOST RECENT INJURY WITH NO SYMPTOMS)

FUNCSAN. To what extent did the head injury interfere with [IF INTTYPE=D READ “your”; IF INTTYPE=P READ “your child’s”] normal school activities (including extracurricular activities such as sports, band or clubs)?

1. Not at all
2. Slightly
3. Moderately
4. Quite a bit
5. Extremely
97. DON'T KNOW
99. REFUSED

MOST RECENT INJURY SYMPTOMS

Intentionality

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1 AND SRRX=2,97

INTENTX. We have additional questions about your [IF INJN+INJN2 = 1, READ injury//IF INJN+INJN2>1, READ “most recent injury, IF INJOPNB_1 IS POPULATED READ “which you described as the [INSERT

INJOPNB_1]. Which of the following best describes how the head injury happened? Would you say that...

01. Someone else was trying to injure [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] on purpose
02. [IF INTTYPE=A OR D READ "You"/ IF INTTYPE=P READ "Your child"] tried to injure [IF INTTYPE=A OR D READ "yourself"/ IF INTTYPE=P READ "him or herself"] on purpose
03. It was an accident—no one intended to injure [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"], or
95. Something else happened? [ENTER RESPONSE TEXT RANGE=XXXX]
97. DON'T KNOW
99. REFUSED

ASK IF INTTYPE = A, P, OR D AND INJN + INJN2 >1 AND SRRX<>2

TXMOST. This part of the survey is about [IF INTTYPE=A OR D READ "your"/ IF INTTYPE=P READ "your AGE year old GENDER child's"] most recent injury [IF INJOPNB IS POPULATED READ ", which you described as the [INSERT INJOPNB]"].

ASK IF INTTYPE = P AND INJN + INJN2 = 1 AND SRRX=1 AND THERE'S MORE THAN ONE CHILD WITH AN INJURY

TXMOST2.

This part of the survey is about [IF INTTYPE=P READ "your AGE year old GENDER child's"] most recent injury [IF INJOPNB IS POPULATED READ ", which you described as the [INSERT INJOPNB]"].

Bike

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1 AND SRRX = 2,97 AND INTENTX=3,95,97

BIKEX. Did [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] experience this head injury while on a bicycle?

01. YES
02. NO
97. DON'T KNOW
99. REFUSED

ASK IF INTTYPE=A, P, OR D AND BIKEX=1 OR (SRRX=1 AND ACTSELX=9)

BIKE1X. How did the head injury happen? Was it initially due to a...

01. Collision with a moving motor vehicle
02. Collision with another bicycle
03. Collision with a person
04. Collision with a stationary object
05. Fall from a bicycle to a surface like the road, or
95. Something else?
97. DON'T KNOW
99. REFUSED

ASK IF INTTYPE=A, P, OR D AND BIKEX=1 AND SRRX <>1

BIKE4X. What was the PRIMARY reason [IF INTTYPE=A OR D READ "you were"/ IF INTTYPE=P READ "your child was"] bicycling at the time of the head injury? [IF INTTYPE=A OR D READ "Were you"/ IF INTTYPE=P READ "Was your child"]...

01. Riding primarily as a means of transportation--for example to get to work or school

- 02. Riding primarily for recreation, physical fitness, or competition
- 03. BOTH
- 97. DON'T KNOW
- 99. REFUSED

PROGRAMMER: IF BIKE4X =2, CREATE VARIABLE "BIKESRRACT"=1

Motor Vehicle

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1 AND SRRX = 2,97 AND BIKEX=2,97

MVX. Did [IF INTTYPE=A OR D READ "you"/ IF INTTYPE=P READ "your child"] experience this head injury while on or in a motorized vehicle, such as a car, bus, truck, motorcycle, dune buggy, or all-terrain vehicle (ATV)?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P, OR D AND MVX=1 AND SRRX<>1 AND MV3X = 3, 4, OR 5

MV7X. Why [IF INTTYPE=A OR D READ "were you"/ IF INTTYPE=P READ "was your child"] riding or driving at the time of the head injury? [IF INTTYPE=A OR D READ "Were you"/ IF INTTYPE=P READ "Was your child"]

- 01. Riding or driving as a means of transportation-- for example to get to work or school
- 02. Riding or driving for fun, for pleasure, or for competition
- 97. DON'T KNOW
- 99. REFUSED

PROGRAMMER: IF MV7X =2, CREATE VARIABLE "MVSRRACT"=1

Other Cause

ASK IF INTTYPE=A, P, OR D AND INJN + INJN2 >= 1 AND SRRX=2,97 AND BIKE = 2,97 AND MVX = 2,97 AND INTENTX <>2

CAUSEX. Would you say that the head injury occurred because ...

- 1. [IF INTTYPE=A OR D READ "You were"/ IF INTTYPE=P READ "Your child was"] hit by an object or person, or were pushed against something
- 2. IF INTTYPE=A OR D READ "You"/ IF INTTYPE=P READ "Your child"] fell without being struck or pushed, or
- 95. Something else happened [ENTER RESPONSE TEXT RANGE=XXXX]
- 97. DON'T KNOW
- 99. REFUSED

SRR Follow-Ups

ASK IF MV3X=3,4 OR BIKEX=1, OR ACTSELX =6, 7, 9, 93, 28, 37, 5, 26, 39, 63, 65, 70, 72, 73, 97, 33, 57, 81, OR 119

HELMETX. [IF INTTYPE=A OR D READ "Were you"/ IF INTTYPE=P READ "Was your child"] wearing a helmet at the time of the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF ACTSELX =85, 86, 87, 90, OR 91

HELMET1X. [IF INTTYPE=A OR D READ "Were you"/ IF INTTYPE=P READ "Was your child"] wearing a helmet or headgear at the time of the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

Still Experiencing S/S

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1

SYMSTILL. [IF INTTYPE=A OR D READ "Are you"/ IF INTTYPE=P READ "Is your child"] still experiencing any of the head injury-related symptoms that we've talked about?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >= 1 AND SYMSTILL=2

/VALIDATE AGAINST DATE OF INJURY IF PROVIDED AND RESTRICT NUMBER OF DAYS, WEEKS, MONTHS ACCORDINGLY/

/IF MONTH AND YEAR MISSING DISPLAY:

Earlier you reported your head injury occurred within the past 12 months. Please provide the number of months it took for your symptoms to go away; your answer should be 12 months or less.

/IF MONTH AND YEAR POPULATED DISPLAY:

Earlier you reported your head injury occurred within the past 12 months. How many months since [MONTH] [YEAR] did it take for your head injury-related symptoms to go away?

SYMRECA. How long did it take for all of [IF INTTYPE=A OR D READ "your"/ IF INTTYPE=P READ "their"] head injury-related symptoms to go away? You can report either the number of days, weeks, or months.

- 01. NUMBER OF DAYS
- 02. NUMBER OF WEEKS
- 03. NUMBER OF MONTHS
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE= P AND INJN + INJN2 >= 1

CHILDPRES. Did you ask your child about any of their signs or symptoms during our call?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

Medical Care Adult or Proxy

ASK IF INTTYPE = A OR P AND IF INJN + INJN2 >= 1 (THIS QUESTION NOW INCLUDES INJURIES WITH NO SYMPTOMS)

PREMED. We have some questions about medical care [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] may have received because of this head injury. First, [IF INTTYPE=A READ "were you"/ IF INTTYPE=P READ "was your child"] ever examined by a medical professional, paramedic or an athletic trainer?

INTERVIEWER: PARAMEDIC INCLUDES EMTs

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND PREMED=1

EVWHOX. Which of these first examined [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] after this head injury? Was it...

- 01. A nurse
- 02. A doctor
- 03. An EMT or paramedic
- 95. Some other medical professional
- 04. An athletic trainer
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND PREMED=1 AND EVWHOX=97

EVWHOXA. We realize you are unsure about who examined [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"]. In your opinion, was the person a medical professional?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND PREMED=1

EVTIMEX. How long after the head injury [IF INTTYPE=A READ "were you"/ IF INTTYPE=P READ "was your child"] first evaluated by [IF EVWHOX <=4, INSERT EVWHOX // IF EVWHOX=95 OR EVWHOXA=1 INSERT "this medical professional."]? Was it...

- 01. At the time and place of the head injury
- 02. After the time of the head injury, but within 24 hours
- 03. Within 1 week
- 04. More than 1 week later
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND EVTIMEX=2, 3, OR 4

EVWHEREX. Where did the first evaluation by [IF EVWHOX <=4, INSERT EVWHOX // IF EVWHOX=95 OR EVWHOXA=1 INSERT "this medical professional"] take place?

- 01. In a doctor's office or clinic
- 02. At a hospital or emergency department, or
- 95. Somewhere else? [ENTER RESPONSE [TEXT RANGE = XXX]]

- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND EVWHEREX=1 OR 95

DOCX. Did the first evaluation by [IF EVWHOX <=4, INSERT EVWHOX // IF EVWHOX=95 OR EVWHOXA=1 INSERT "this medical professional"] take place at...?

- 01. [IF INTTYPE=A READ "Your"/ IF INTTYPE=P READ "your child's"] regular doctor or primary care physician's office
- 02. An urgent care clinic
- 03. A clinic in a pharmacy or grocery store
- 04. A sports medicine clinic
- 05. A concussion clinic, or
- 95. Some other place? [ENTER RESPONSE [TEXT RANGE = XXX]
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND EVWHEREX=2

HOSPX. Did the first evaluation by [IF EVWHOX <=4, INSERT EVWHOX // IF EVWHOX=95 OR EVWHOXA=1 INSERT "this medical professional"] take place at...?

- 01. An emergency room
- 02. An outpatient clinic in a hospital
- 03. A sports medicine clinic in a hospital
- 04. An urgent care clinic in a hospital, or
- 05. At another location in a hospital [ENTER RESPONSE [TEXT RANGE = XXX]
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND INJN + INJN2 >= 1 AND PREMED=1

CAREX. After the initial examination by [IF EVWHOX <=4, INSERT EVWHOX // IF EVWHOX=95 OR EVWHOXA=1 INSERT "this medical professional"], did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] have another healthcare visit for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF CAREX = 1

CAREAX. Did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] visit [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] regular doctor or primary care physician for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF CAREX = 1

CAREBX. Did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] visit an urgent care clinic for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury...

- 01. YES
- 02. NO

- 97. DON'T KNOW
- 99. REFUSED

ASK IF CAREX = 1

CARECX. Did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] visit a clinic in a pharmacy or grocery store for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF CAREX = 1

CAREDX. Did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] visit a sports medicine clinic for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF CAREX = 1

CAREEX. Did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] visit a concussion clinic for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF CAREX = 1

CAREFX. Did [IF INTTYPE = A READ "you"/ IF INTTYPE = P read "your child"] visit a hospital or emergency department clinic for [IF INTTYPE = A READ "your"/ IF INTTYPE = P read "their"] head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND INJN + INJN2 >= 1 AND PREMED=1 (THIS QUESTION NOW INCLUDES INJURIES WITH NO SYMPTOMS)

TBIDX. Following this head injury, did a medical professional diagnose [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] with a concussion or traumatic brain injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND (PREMED=2) (THIS QUESTION NOW INCLUDES INJURIES WITH NO SYMPTOMS)

WHYNOCRX. Sometimes it is very difficult for people to receive the health care that they need or want [IF INTTYPE=P READ "for their child"]. Please select the primary reason [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] did not receive health care for this head injury.

- 2. You had difficulty paying for it

- 02. You did not have transportation
- 03. You could not take time off work
- 04. You did not think the injury [IF INTTYPE=A READ "to your head"/IF INTTYPE=P READ "to your child's head"] was serious, or
- 95. Was there another reason? [ENTER RESPONSE [TEXT RANGE = XXX]]
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND INJN + INJN2 >= 1 AND (EVWHEREX=2 OR CAREFX=1)

HOSPSTAX. [IF INTTYPE=A READ "Were you"/ IF INTTYPE=P READ "Was your child"] admitted to a hospital for the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND HOSPSTAX=1

HOSPNITEX. How many nights did [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] stay in the hospital because of the head injury?

- 001. GAVE ANSWER [ENTER RESPONSE MIN TO MAX DAYS]
- 997. DON'T KNOW
- 999. REFUSED

ASK IF INTTYPE = A OR P AND HOSPSTAX=1

HOSPTRX. After [IF INTTYPE=A READ "you were"/ IF INTTYPE=P READ "your child was"] discharged from the hospital, [IF INTTYPE=A READ "were you"/ IF INTTYPE=P READ "was your child"] admitted to a rehabilitation center or nursing care facility because of this head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A OR P AND INJN + INJN2 >= 1 AND PREMED=1 AND HOSPSTAYX=1,2,97,99

RECSERVX. [IF HOSPSTAX=1 AND INTTYPE=A READ "After your hospitalization" / IF HOSPSTAX=1 AND INTTYPE=P READ "After your child's hospitalization" //IF HOSPSTAX = 2, 97 OR 99 OR NULL, READ "After this head injury], did [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] receive services to help get well? Some examples might include physical therapy, speech therapy, vocational rehabilitation, neuropsychological services, or counseling.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

Child and Adult Return to Play

ASK IF (INTTYPE = P AND SRRSET1X=1) OR (AGE1 =18-22 AND SRRSET1XX=1)

REMPLOYX. [IF INTTYPE=A READ "Were you"/ IF INTTYPE=P READ "Was your child"] removed from the game, performance, or practice as a result of the head injury?

- 01. YES

- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND REMPLAYX = 1

RETURNX. [IF INTTYPE=A READ "Have you"/ IF INTTYPE=P READ "Has your child"] returned to full sports or recreation activity following the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P OR AGE1 =18-22 AND RETURNX= 1

RETWHENX. How long was it before [IF INTTYPE=A READ "you"/ IF INTTYPE=P READ "your child"] returned to full sports or recreation activity? You can report the number of days, weeks, or months.

- 01. NUMBER OF DAYS
- 02. NUMBER OF WEEKS
- 03. NUMBER OF MONTHS
- 97. DON'T KNOW
- 99. REFUSED

Child Proxy Return to School

ASK IF INTTYPE = P AND INJN + INJN2 >= 1

INSCHO. Was your child injured during the "school year," or when school was in session? Please include summer school.

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND INJN + INJN2 >= 1 AND INSCHO=1

SCHOMISS. Did your child miss any school due to the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND SCHOMISS=1

SCHOMISSA. How many days?

INTERVIEWER: For this question, it is okay to give your best guess.

_____ ENTER RESPONSE [RANGE = 1-XX]

- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND INJN + INJN2 >= 1

EXTHELP. Did your child receive extra help, support, or services at school due to the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW

99. REFUSED

ASK IF INTTYPE = P AND EXTHELP=1

RETLNGHT For how long did your child receive this help? You can report the number of days, weeks, or months.

- 01. NUMBER OF DAYS
- 02. NUMBER OF WEEKS
- 03. NUMBER OF MONTHS
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND INJN + INJN2 >= 1

PREACPERF. Was your child in a class where they received letter or number grades for their work at the time of the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND PREACPERF = 1

ACPERF. Have your child's grades declined since the head injury?

- 01. YES
- 02. NO
- 03. TOO SOON TO TELL/NOT EVALUATED YET
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND ACPERF = 1

ACPERF2. In your opinion, is the decline in grades due to the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = P AND ACPERF = 2

ACPERF3. In your opinion, is your child having to work harder for the grades he or she had prior to the head injury?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

Adult Return to Work

ASK IF INTTYPE = A AND INJN + INJN2 >= 1

PREWKMISSX. Were you employed, including self-employed, when you had this head injury? We are not asking if you were *at work or working* at the time of the head injury—just your employment status. Were you employed at the time?

- 01. YES

- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INJN + INJN2 >= 1 AND INTTYPE = A AND PREWKMISSX=1

WORK Were you working for pay when the head injury occurred?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE = A AND INJN + INJN2 >= 1 AND PREWKMISSX = 1

WKMISSX. Did the head injury cause you to miss or stop this work, even for an hour or so?

- 01. YES
- 02. NO
- 97. DON'T KNOW
- 99. REFUSED

Functioning (THESE QUESTIONS INCLUDE INJURIES WITH NO SYMPTOMS)

ASK IF INTTYPE=A, P OR D AND INJN + INJN2 >=1

FUNCS. To what extent did the head injury interfere with your/your child's normal social activities with family, friends, neighbors or groups?

- 1. Not at all
- 2. Slightly
- 3. Moderately
- 4. Quite a bit
- 5. Extremely

ASK IF INTTYPE=A AND INJN + INJN2 >=1

FUNCW. To what extent did the head injury interfere with your normal work (including work outside the home and housework)?

- 1. Not at all
- 2. Slightly
- 3. Moderately
- 4. Quite a bit
- 5. Extremely

ASK IF INTTYPE= P OR D AND INJN + INJN2 >=1

FUNCSA. To what extent did the head injury interfere with your/your child's normal school activities (including extracurricular activities such as sports, band or clubs)?

- 6. Not at all
- 7. Slightly
- 8. Moderately
- 9. Quite a bit
- 10. Extremely

Adult Demographics

To help us ensure that we are talking to a representative selection of households in the United States, we have just a few questions for classification purposes only.

ASK IF INTTYPE=A AND INJN+INJN2>= 1

HINS. What kind(s) of health insurance do you have?

(CODE ALL THAT APPLY).

[INTERVIEWER: IF RESPONDENT GIVES A SPECIFIC PLAN NAME NOT LISTED BELOW, PROBE "WHO PAYS FOR THE INSURANCE: AN EMPLOYER, THE GOVERNMENT, OR YOU?" AND CODE ACCORDINGLY]

- 01 Private health insurance through an employer (IF NEEDED: either your own or through a spouse's or parent's employer, either past or present)
- 02 Medicare (IF NEEDED: an insurance plan funded by Social Security for people who are disabled or are over age 65)
- 03 Medicaid (IF NEEDED: for example MediCal-California, HCCCS-Arizona, HealthWave-Kansas)
- 04 Federal Health Plans such as TriCare (IF NEEDED: for military personnel and families) or the VA (IF NEEDED: Veterans Administration),
- 05 Private health insurance or Medicare supplemental insurance that you pay for yourself, or
- 95 Some other insurer?
- 96 DON'T HAVE HEALTH INSURANCE
- 97 DON'T KNOW
- 99 REFUSED

IF CALLTYPE = 01 AND CONEADLT=01 AND NUMC>0 AND ADLTS>1 AND [(SELADLT=01 AND INFOR=02) OR (SELADLT=02 AND INFOR2=02) OR (SELADLT=01 AND ISPARNT=02)]

SPEAKTOP. I also need to speak to a parent or guardian living in your household who knows about the health and activities of each child. May I speak to the person who knows this information?

- 1. KNOWLEDGEABLE ADULT COMING TO THE PHONE
- 2. KNOWLEDGEABLE ADULT NOT AVAILABLE [SCHEDULE CB]

IF SPEAKTOP=01 PICK UP AT CPROXY. ASK TRANS1 THROUGH CRACEA WHERE INTTYPE=P

Child Proxy Demographics

ASK IF INTTYPE=P AND (NUMC OR CNUMC>1) AND INJN+INJN2=0

PROXYINT

These next few questions are about your [INSERT AGE] year old [INSERT GENDER] child.

ASK IF INTTYPE=P

RELATION: What is your relationship to this child?

INTERVIEWER: READ ONLY IF NECESSARY

- 01 PARENT OR LEGAL GUARDIAN
- 02 GRANDPARENT
- 03 OTHER RELATIVE

- 04 NON-RELATIVE
- 05 OTHER
- 97. DON'T KNOW
- 99 REFUSED

ASK IF INTTYPE=PAND INJN+INJN2 >= 1

CHINS. What kind(s) of health insurance does your child have?

(CODE ALL THAT APPLY).

[INTERVIEWER: IF RESPONDENT GIVES A SPECIFIC PLAN NAME NOT LISTED BELOW, PROBE "WHO PAYS FOR THE INSURANCE: AN EMPLOYER, THE GOVERNMENT, OR YOU?" AND CODE ACCORDINGLY]

- 01 Private health insurance through an employer (IF NEEDED: either your own or through a spouse's or parent's employer, either past or present)
- 02 Other Federal Health Plans such as TriCare (IF NEEDED: for military personnel and families) or the VA (IF NEEDED: Veterans Administration),
- 03 Private health insurance or Medicare supplemental insurance that you pay for your child, or
- 95 Some other insurer?
- 96 DON'T HAVE HEALTH INSURANCE FOR CHILD
- 97 DON'T KNOW
- 99 REFUSED

ASK IF INTTYPE= P

CHISPA. Is your child Hispanic, Latino/a, or of Spanish origin?

- 01. NO, NOT HISPANIC, LATINO OR OF SPANISH ORIGIN
- 02. YES, HISPANIC, LATINO, OR OF SPANISH ORIGIN
- 97. DON'T KNOW
- 99. REFUSED

ASK IF INTTYPE= P

CRACEA. Which one or more of the following would you say is your child's race?

INTERVIEWER: IF RESPONDENT SAYS "HISPANIC OR LATINO" SAY, "THANK YOU - I HAVE RECORDED THAT YOUR CHILD IS HISPANIC/LATINO. WOULD YOU SAY THAT YOUR CHILD IS WHITE, BLACK OR AFRICAN AMERICAN, AMERICAN INDIAN OR ALASKA NATIVE, ASIAN, NATIVE HAWAIIAN OR PACIFIC ISLANDER, OR MORE THAN ONE OF THESE?"

- 01 White
- 02 Black or African American
- 03 American Indian or Alaska Native
- 04 Asian, or
- 05 Native Hawaiian or other Pacific Islander
- DO NOT READ
- 95 OTHER
- 97 DON'T KNOW
- 99 REFUSED

IF CALLTYPE = 01 AND CPROXY=01 AND [SELADLT=02 AND (TWOADLT=04 OR THREEADLT=04)]

CALLA Thank you very much for participating in this important research study. When would be a good time to call back the adult selected to complete this interview?

- 1 SCHEDULE CALL BACK [SEND TO CALLBACK SCREEN]

97 DON'T KNOW [ASSIGN DISPO C4 / UNSCHEDULED CALLBACK]
99 REFUSED [PNCLOSE].

ASK IF INTTYPE=P AND PROXY AGE 13-17 (RANDOMLY SELECT 1 IF THERE IS MORE THAN 1)

ADOL

Thank you so much for providing information about your ["child's" OR "children's"] experiences with head injuries in the past 12 months.

We would like your permission to speak to your [AGE] year old child directly to ask him or her some questions about their experience, if any, with head injuries. Allowing your child to participate in this study will add to the CDC's knowledge about the circumstances surrounding head injuries and the groups most at risk for such injuries. There are minimal risks, and no known direct benefits to being in this voluntary study. To keep your child's information private, their name will never be connected with their answers. CDC will keep the information that your child provides private and secure to the extent permitted by the law.

Even if you agree now, your child may choose not to participate.

1. CONTINUE

ASK IF INTTYPE=P

ASKADOL

May we conduct an interview with your [AGE] year old child?

01 YES
02 NO

ASK IF ASKADOL=01

SPST2. Is your child available now? If so, we can conduct the survey right now over the phone.

01 YES, AVAILABLE NOW
02 NO, NOT AVAILABLE
02. NO

ASK IF SPST2=1

ADOL1. Hello, my name is ____ calling on behalf of the Centers for Disease Control and Prevention. We're conducting a nationwide study about head injuries in children and adults.

You may have heard about head injuries, especially those experienced by children who play sports.

Even if you haven't had an injury in the past 12 months, you can still participate in this important study. We have asked your parents to give their permission for you to participate; they have said "yes." However, even though your parents said "yes," you can still say "no" and not participate. And you can skip any question or stop the survey at any time. The majority of respondents will complete the survey in less than 7 minutes.

There are minimal risks, and no known direct benefits to being in this voluntary study. CDC will keep the information that you provide private and secure to the extent permitted by the law. Your name will never be connected to your answers. We will not share your answers with your parents.

If you have questions or concerns about participating in the study, you may contact ICF International, the independent health research company hired to conduct this survey. They can be reached toll-free at -1-844-604-4399. If you have any questions about your rights as a research participant, please contact Sophia Zanakos at 301-572-0239. This call may be monitored for quality assurance purposes.

May we begin?

- 01. YES [SKIP TO TRANS1]
- 02. NO

ASK IF ADOL1=2 OR SPST2=02

ADOLCB. We can text [IF SPST2=2 READ "your child"/ IF ADOL1=2 READ "you"] a link to complete the survey online. What is [IF SPST2=2 READ "your child's"/ IF ADOL1=2 READ "your"] cell phone number?

- 1 GIVES NUMBER
- 2 NOT INTERESTED

ASK IF ADOLCB=01

TEXT

/RECORD NUMBER:/

ASK IF ADOLCB=02

ASKEMAIL. I can email [IF SPST2=2 READ "your child"/ IF ADOL1=2 READ "you"] a link to complete the survey online. What is [IF SPST2=2 READ "your child's"/ IF ADOL1=2 READ "your"] email address?

- GIVES EMAIL
- 02 NOT INTERESTED

ASK IF ASKEMAIL=01

EMAIL

/RECORD EMAIL/

ASK IF CALLTYPE=1 AND TWO ADULTS IN HH SELECTED NOT AVAILABLE BUT ADULT REPORTED AS PROXY
CBTWOADLT. When would be a good time to reach the other adult in your household?

/schedule CB/

ASK IF CALLTYPE=1 AND 3-18 ADULTS IN HH

CBTHREEADLT. When would be a good time to reach the adult in your household with the next birthday?

/schedule CB/

//ASK ALL//

PNCLOSE. That was my last question. Thank you very much for participating in this important research study.

- 01 CONTINUE