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Attachment E-5. Adolescent 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.

INTERVIEWER WILL READ INTRODUCTION AND ASSENT (APPENDIX F-5)

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 8 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 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

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/sex of child] child."

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: _____[0-96]

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: _____[0-96]

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 PNCLOSE

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 PNCLOSE]

[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

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.

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.

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 = 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= 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]”].

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 MILBLASTX<>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 MILBLASTX<>1 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? Your answer should be 12 months or less.

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

Medical Care Direct

ASK IF INTTYPE = D (THIS QUESTION NOW INCLUDES INJURIES WITH NO SYMPTOMS)

DASSESED. 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 DASSESED =1

DBYWHOA. Who were you first assessed by?

- 01. A school nurse
- 02. Your regular doctor or pediatrician
- 03. An EMT or paramedic
- 04. An athletic trainer
- 05. A coach
- 06. A parent
- 07. A specialist such as a sports medicine doctor or neurologist
- 08. Another medical professional, or
- 95. Someone else [ENTER RESPONSE [TEXT RANGE = XXX]
- 97. DK/NR
- 99. REFUSED

ASK IF INTTYPE = D AND DASSESED = 1 AND DBYWHOA = 4, 5, 6 OR 95

DBYWHOB. After you were checked out by [INSERT TEXT ANSWER FROM DBYWHOA], were you checked out by any of the following people? Please say "yes" or "no" to each one.

- 01. Your regular doctor or pediatrician
- 02. A specialist such as a sports medicine doctor or neurologist

- 03. Another medical professional, or
- 95. Someone else [ENTER RESPONSE [TEXT RANGE = XXX]
- 97. DK/NR
- 99. REFUSED

ASK IF INTTYPE = D AND IF DASSESSED =2 (THIS QUESTION NOW INCLUDES INJURIES WITH NO SYMPTOMS)

PRETELL. 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 NOW INCLUDES INJURIES WITH NO SYMPTOMS)

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

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

INTERVIEWER: SELECT ALL THAT APPLY.

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

Functioning

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

FUNCS. To what extent did the head injury interfere with your 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= P OR D AND INJN + INJN2 >=1

FUNCSA. To what extent did the head injury interfere with your 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

//ASK ALL//

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

01 CONTINUE

