

**General Instructions:**

- o Interviewer must read each set of instructions for each part of this questionnaire.
- o Interviewer must record all responses clearly and verbatim where required.
- o Interviewer must avoid paraphrasing or rewording responses.

**RECORD FOLLOWING INFORMATION:**

Respondent's Name: \_\_\_\_\_

Telephone #: \_\_\_\_\_

Community: \_\_\_\_\_

Postal Code: \_\_\_\_\_

CRA ID: \_\_\_\_\_

Hello, my name is \_\_\_\_\_ and I am calling from Corporate Research Associates in Halifax on behalf of the IWK Health Centre. We are doing a study looking at issues of safety of Nova Scotia children, when they travel in vehicles. This study involves asking you some questions about car seats, seatbelt, and so on. Although there would be no direct benefit to you for participating, the results we get from this survey will be helpful in improving child safety in Nova Scotia. You may stop the interview at any time, and you should understand that if you choose not to participate, no one at the IWK will ever be informed of your decision.. Would you be willing to help us with this survey? It should only take about 10 to 15 minutes, and your answers will be kept entirely confidential. Thank you.

**IF THEY REFUSE TO PARTICIPATE GO TO COMPLETION SECTION AT END OF SURVEY**

1. Since we are looking at specific age groups of children, I would like to first ask a few questions to see if your household qualifies for our study. Firstly, are there any children in your home who are younger than 12 years old?
  - 1 Yes
  - 2 No THANK AND TERMINATE (DISPO = 65)
2. Thank you. Now does anyone in your home use a vehicle to drive the children around in?
  - 1 Yes
  - 2 No THANK AND TERMINATE (DISPO=66)
3. Thank you. Now may I please speak with the person in your home that drives the children around the most often.
  - 1 If person speaking is this person, press 1 to continue
  - 2 If a new person comes on the line, press 2 to repeat intro
  - 3 If that person is not home, press 3 to ask for another person
4. That's alright. May I then please speak with the person in your home that drives the children around the next most often?
  - 1 If person speaking is this person, press 1 to continue
  - 2 If a new person comes on the line, press 2 to repeat intro
  - 3 If that person is not home or there is no one else then ctrl-end to set callback



5. How many children in your home are younger than 12 years old?

Record Number: \_\_\_\_\_

6. Could you please tell me their ages and approximate weights?

	AGE	WEIGHT
Child #1	_____ mos _____ yrs	_____ lbs _____ kg
Child #2	_____ mos _____ yrs	_____ lbs _____ kg
Child #3	_____ mos _____ yrs	_____ lbs _____ kg
Child #4	_____ mos _____ yrs	_____ lbs _____ kg
Child #5	_____ mos _____ yrs	_____ lbs _____ kg
Child #6	_____ mos _____ yrs	_____ lbs _____ kg

7. The next two questions will be followed by a list of possible answers. I will read the list and ask you to choose one of the answers. Are you ready?

- 1 Almost every day
- 2 More than once a week but less than everyday
- 3 Once a week
- 4 More than once a month but less than once a week
- 5 Once a month, or
- 6 Less than once a month

**VOLUNTEERED**

- 7 Refused
- 8 Don’t know/No answer

8. What type of vehicle do you usually drive your children in? Is it a:  
**[IF THEY REPORT USING MORE THAN ONE VEHICLE, SAY: “In that case, which is the vehicle you feel you use the most with your children.”]**

- 1 Car or station wagon
- 2 Van
- 3 Sport utility vehicle
- 4 Pick-up truck

**VOLUNTEERED**

- 7 Refused
- 8 Don’t know/No answer

- 8a. [ASK ONLY IF Q.8 = 4] Does this truck have a back seat?

- 1 Yes
- 2 No
- 8 Don’t know/No answer



9. Does this vehicle have front air bags on the passenger side?
- 1 Yes
  - 2 No
  - 8 Don’t know/No answer
10. Could you please tell me the make and model and year of this vehicle?
- Record answer: \_\_\_\_\_
- 98 Don’t know/No answer

Now, I would like to ask you a few questions about how each child rides in the vehicle with you. I will ask about where they sit in the vehicle as well as what type of restraint system they use, where a restraint system can be anything from a car seat to a seat belt. Each question will be followed by a list of possible answers. I will read the list and ask you to choose one of the answers.

**[ASK Q11-Q17 OF ALL CHILDREN UNDER AGE 11, UP TO A MAXIMUM OF 5 CHILDREN]**

11. We’ll first ask about your \_\_\_\_\_ year old child. How often does this child sit in the front seat? Is it...
- 1 Never **SKIP TO Q14**
  - 2 Rarely **SKIP TO Q13**
  - 3 Less than half the time **SKIP TO Q13**
  - 4 Half the time **SKIP TO Q13**
  - 5 Greater than half the time **SKIP TO Q13**
  - 6 Almost always **SKIP TO Q13**
  - 7 Always **SKIP TO Q12**
  - 8 **Don’t know/No answer** **SKIP TO Q15**
12. As this child always sits in the front seat of your vehicle, do they sit on the passenger window side or in the center position?
- 1 Passenger window side
  - 2 Center position
  - 3 No preference
  - 8 Don’t know/No answer

**SKIP TO Q15**

13. When this child sits in the front seat of the vehicle, do they usually sit on the passenger window side or in the center position?
- 1 Passenger window side
  - 2 Center position
  - 3 No preference
  - 8 Don’t know/No answer
14. When this child sits in the rear or middle rows of seats, do they usually sit in the center or next to one of the windows on either the driver’s or passenger’s side?



- 1 Next to a window
- 2 Center
- 3 No preference
- 8 Don't know/No answer

15. How often does this child sit on your or anyone else's lap while driving? The possible answers are:

- 1 Never
- 2 Rarely
- 3 Less than half the time
- 4 Half the time
- 5 Greater than half the time
- 6 Almost always, or
- 7 Always

**VOLUNTEERED**

- 8 Don't know/No answer

16. How often does this child use a car seat or seat belt? Is it:

- 1 Never
- 2 Rarely
- 3 Less than half the time
- 4 Half the time
- 5 Greater than half the time
- 6 Almost always, or
- 7 Always

**VOLUNTEERED**

- 8 Don't know/No answer

17. When this child rides in your vehicle, could you tell me what sort of restraint they currently use most often?

**DO NOT READ RESPONSES – CODE ONLY ONLY**

**IF THE INTERVIEWEE DOES NOT UNDERSTAND THE QUESTION, SAY:**

"For example, do they use a seat belt?"

- 1 Car seat
- 2 Booster seat
- 3 Seat belt
- 6 None
- 7 Refused
- 8 Don't know/No answer
- 9 Other (Specify: \_\_\_\_\_)

17a. **[ASK ONLY IF Q17=1]** Do you place the car seat so that your child faces...

- 1 The rear of the vehicle, or
- 2 The front of the vehicle

**VOLUNTEERED**

- 8 Don't know/Unsure

**SKIP TO NEXT CHILD OR Q18**



17c. **[ASK ONLY IF 3 IN Q17]** Do they use the seat belt with a booster seat or the seat belt alone?

- 1 With a booster seat
- 2 Seat belt alone
- 8 Don't know/unsure



17ca. **[ASK ONLY IF Q17c=2]** What sort of seat belt do they use? Is it...

- 1 A lap belt (That is, a belt that only goes across the hips)
- 2 A lap-shoulder belt that crosses the hips and the shoulder, or
- 3 A lap-shoulder belt, where they place the shoulder strap behind their back or under their arm

**VOLUNTEERED**

- 8 Don't know/unsure

**SKIP TO NEXT CHILD OR Q18**

17b. **[ASK ONLY IF Q17=2 or Q17c=1]** Do they use a booster seat with a shield crossing in front of them or a booster seat without a shield?

- 1 Booster seat with a shield
- 2 Booster seat without a shield
- 8 Don't know/unsure

17ba. **[DO NOT ASK IF Q17=3 ]** When your child is in the booster seat, do they use a seat belt?

- 1 Yes
- 2 No
- 8 Don't know/unsure

17bb. **[DO NOT ASK IF Q17=3 or Q17ba<>1]** What type of seat belt do they use? Is it:

- 1 A lap-shoulder belt with the lap belt crossing over the shield and the shoulder strap crossing over their shoulder, or
- 2 A lap-shoulder belt, but placing the shoulder strap behind their back or under their arm
- 3 A lap belt (That is, a belt that only crosses over the shield)

**VOLUNTEERED**

- 8 Don't know/unsure

17bc. **[DO NOT ASK IF Q17=3 or Q17ba<>2]** What type of seat belt do they use? Is it:

- 1 A lap-shoulder belt that crosses the hips and the shoulder
- 2 A lap-shoulder belt, but placing the shoulder strap behind their back or under their arm, or
- 3 A lap belt (That is, a belt that only goes across the hips)

**VOLUNTEERED**

- 8 Don't know/unsure

**SKIP TO NEXT CHILD OR Q18**

**Now I would like to ask some general questions about what types of restraints children of various sizes and ages should use.**



18. While riding in a vehicle, which has front and rear seats, where is the safest place to sit for children who are less than 12 years old? Is it:

- 1 In the front seat
- 2 In the back or middle rows of seats, or
- 3 It doesn't matter where they sit

VOLUNTEERED

- 7 It depends on if the vehicle has passenger-side front airbags
- 8 Don't know/Unsure
- 9 Other (Specify: \_\_\_\_\_)

18b. [ASK ONLY IF Q18=7] If the same vehicle DOES NOT have passenger side front airbags, where is the safest place to sit for children who are less than 12 years old? Is it:

- 1 In the front seat
- 2 In the back or middle rows of seats, or
- 3 It doesn't matter where they sit

VOLUNTEERED

- 8 Don't know/Unsure
- 9 Other (Specify: \_\_\_\_\_)

19. While being driven in a vehicle, what is the first sort of restraint system that babies should use?

**[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Car seat
- 2 Booster seat
- 3 Seat belt
- 8 Don't know/Unsure
- 9 Other (Specify: \_\_\_\_\_)

19a. [ASK ONLY IF Q19=1] Should the car seat be rear-facing or forward-facing?

**[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Rear-facing
- 2 Forward-facing
- 8 Don't know/Unsure of direction to face

19b. [ASK ONLY IF Q19=3] Which one of the following describes the proper usage of the seat belt as a restraint system for babies?

**[READ RESPONSES IN ORDER – CODE ONE ONLY]**

- 1 Lap-shoulder seat belt as is
- 2 Lap-shoulder seat belt with the shoulder strap placed behind the back or beneath the arm
- 3 Lap-shoulder seat belt using a shoulder-strap adjuster
- 4 Lap-shoulder seat belt using a booster seat, or
- 9 Some other usage (Specify: \_\_\_\_\_)

VOLUNTEERED

- 8 Don't know/Unsure



20. Once they can stop using a rear-facing car seat, what sort of vehicle restraint system should they be using?

**[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Car seat
- 2 Booster seat
- 3 Seat belt
- 8 Don't know/Unsure
- 9 Other (Specify: \_\_\_\_\_)

- 20a. [ASK ONLY IF Q20=1] Should the car seat be rear-facing or forward-facing?

**[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Rear-facing
- 2 Forward-facing
- 8 Don't know/Unsure of direction to face

- 20b. [ASK ONLY IF Q20=3] Which one of the following describes the proper usage of the seat belt once they stop using a rear-facing car seat?

**[READ RESPONSES IN ORDER – CODE ONE ONLY]**

- 1 Lap-shoulder seat belt as is
- 2 Lap-shoulder seat belt with the shoulder strap placed behind the back or beneath the arm
- 3 Lap-shoulder seat belt using a shoulder-strap adjuster
- 4 Lap-shoulder seat belt using a booster seat, or
- 9 Some other usage (Specify: \_\_\_\_\_)

VOLUNTEERED

- 8 Don't know/Unsure

21. If a child is using a rear-facing car seat, how much should they weigh when they can stop using it and go to a forward-facing car seat? **[DO NOT READ RESPONSES]**

ENTER WEIGHT IN LB \_\_\_\_\_ or KG \_\_\_\_\_

997 Size/Weight doesn't matter, it's the child's age that counts

998 Don't know/No answer

22. If a child is using a rear-facing car seat, how old should they be when they can stop using it and go to a forward-facing car seat? **[DO NOT READ RESPONSES]**

ENTER AGE IN YR \_\_\_\_\_ or MO \_\_\_\_\_

97 Age doesn't matter, it's the child's size/weight that counts

98 Don't know/unsure

23. If a child is using a forward-facing car seat, the kind where they are strapped in using the car seat harness system, how old should they be when they can stop using it? **[DO NOT READ RESPONSES]**

ENTER AGE IN YR \_\_\_\_\_ or MO \_\_\_\_\_

97 Age doesn't matter, it's the child's size/weight that counts



98 Don't know/unsure

24. If a child is using this forward-facing child car seat, how much should they weigh when they can stop using it? **[DO NOT READ RESPONSES – CODE ONE ONLY]**

ENTER WEIGHT IN LB \_\_\_\_\_ or KG \_\_\_\_\_

997 Size/Weight doesn't matter, it's the child's age/height that counts

998 Don't know/No answer

25. Once a child outgrows a forward-facing car seat, where they are strapped in using the car seat harness system, what kind of restraint system should they use?  
**[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Car seat
- 2 Booster seat
- 3 Seat belt
- 8 Don't know/Unsure
- 9 Other (Specify: \_\_\_\_\_)

- 25a. **[ASK ONLY IF Q25=1]** Should the car seat be rear-facing or forward-facing?  
**[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Rear-facing
- 2 Forward-facing
- 8 Don't know/Unsure of direction to face

- 25b. **[ASK ONLY IF Q25=3]** Which one of the following describes the proper usage of the seat belt once they stop using a forward-facing car seat?  
**[READ RESPONSES IN ORDER – CODE ONE ONLY]**

- 1 Lap-shoulder seat belt as is
- 2 Lap-shoulder seat belt with the shoulder strap placed behind the back or beneath the arm
- 3 Lap-shoulder seat belt using a shoulder-strap adjuster
- 4 Lap-shoulder seat belt using a booster seat, or
- 9 Some other usage (Specify: \_\_\_\_\_)

VOLUNTEERED

8 Don't know/Unsure

26. How old should a child be when they are ready to use only the vehicle's seat belt alone, without a booster seat? **[DO NOT READ RESPONSES – CODE ONE ONLY]**

ENTER AGE IN YR \_\_\_\_\_ or MO \_\_\_\_\_

97 Age doesn't matter, it's the child's size/weight that counts

98 Don't know/unsure

27. How much should a child weigh when they are ready to use only the vehicle's seat belt alone, without a booster seat? **[DO NOT READ RESPONSES – CODE ONE ONLY]**



ENTER WEIGHT IN LB \_\_\_\_\_ or KG \_\_\_\_\_

997 Size/Weight doesn’t matter, it’s the child’s age/height that counts

998 Don’t know/No answer

28. If a child is using a lap-shoulder type of seat belt, with the shoulder strap coming across the front of their body, what should they do if the shoulder strap is cutting across their neck or face? **[DO NOT READ RESPONSES – CODE ONE ONLY]**

- 1 Nothing, wear it as it is
- 2 Use a booster seat/They shouldn’t be using a seat belt alone if that is happening
- 3 Place the shoulder strap behind their back/beneath their arm
- 4 Use a (Velcro) strap-adjuster that pulls the shoulder strap down toward the lap belt
- 8 Don’t know/Unsure
- 9 Other (Specify: \_\_\_\_\_)

**Currently, the law in Nova Scotia states that a pre-schooler who weighs at least 40 lbs, may be restrained by the vehicle’s seat belt system or using a booster seat.**

29. If it can be shown that booster seats are safer than seat belts alone in the case of a car crash, for children who weigh up to 60 lbs, or around 8 years of age, would you support a law that stated: “Young children must use a booster seat until they reach 8 years of age or a weight of 60 lbs.?”

- 1 Yes
- 2 No
- 8 Don’t know/No answer

30. For each of the following sources, could you please tell me if you have ever gotten information on car seats and vehicle restraints from them? Please reply with either “yes” or “no”.

**READ AND ROTATE (ALWAYS HAVE Q30h LAST)**

- a. Your family doctor or pediatrician
- b. Public health clinic
- c. Your child’s/children’s school or daycare
- d. Television
- e. Brochures or posters in medical offices
- f. Public displays in shopping malls, schools, fairs, hospitals, etc.
- g. The Internet
- h. Other source (Specify: \_\_\_\_\_)

- 1 Yes
- 2 No
- 8 Don’t know/Unsure

31. Which one of the sources that we just asked about, would you prefer to get information from on car seats and other vehicle restraints for your children? I can list them again if you wish:”

**READ RESPONSES IF NECESSARY – CODE AS MANY AS APPLY**

- 11 Our family doctor or pediatrician:
- 12 Public Health Clinic
- 13 School or daycare
- 14 Television
- 15 Brochures or posters



- 16 Public displays
- 17 Internet
- 99 Other: \_\_\_\_\_

**(E) Demographics**

*"To end, we would like to collect some basic information about you, which will help us in analyzing the data. Each question will be followed by a list of possible answers. I will read the list and ask you to choose one of the answers. Are you ready?"*

32. Who is answering this questionnaire? Is it...

- 1 The children's mother or primary female caregiver, or
- 2 The children's father or primary male caregiver,
- VOLUNTEERED**
- 7 Refused
- 9 Other (SPECIFY): \_\_\_\_\_

33. Who raises the children in your home? Is it a...

- 1 Mother & father
- 2 Mother only
- 3 Other female guardian
- 4 Father only
- 5 Other male guardian
- 6 Mother & stepfather, or
- 7 Father & stepmother
- VOLUNTEERED**
- 8 Refused
- 9 Other (SPECIFY): \_\_\_\_\_

34. What is the age of the children's mother or primary female caregiver? Is it...

- 1 19 years or younger
- 2 20-29 years
- 3 30-39 years
- 4 40-49 years
- 5 50-59 years, or
- 6 60 years or older
- VOLUNTEERED**
- 7 Not applicable (choose if no primary female caregiver)
- 8 Refused
- 9 Don't know/No answer

35. What is the age of the children's father or primary male caregiver? Is it...

- 1 19 years or younger
- 2 20-29 years
- 3 30-39 years
- 4 40-49 years
- 5 50-59 years, or
- 6 60 years or older
- VOLUNTEERED**
- 7 Not applicable (choose if no primary male caregiver)
- 8 Refused
- 9 Don't know/No answer



36. What is the education level of the mother or primary female caregiver? Is it...

- 1 Less than high school diploma
  - 2 High school diploma
  - 3 Post-high school technical training diploma or certificate
  - 4 Community college or other non-university diploma or certificate, or
  - 5 University degree
- VOLUNTEERED**
- 7 Not applicable (choose if no primary female caregiver)
  - 8 Refused
  - 9 Don't know/No answer

37. What is the education level of the father or primary male caregiver? Is it...

- 1 Less than high school diploma
  - 2 High school diploma
  - 3 Post-high school technical training diploma or certificate
  - 4 Community college or other non-university diploma or certificate, or
  - 5 University degree
- VOLUNTEERED**
- 7 Not applicable (choose if no primary male caregiver)
  - 8 Refused
  - 9 Don't know/No answer

38. What is the mother or primary female caregiver's job?

- 1 Stay at home caregiver
- 2 Unemployed
- 6 Not applicable (choose if no primary male caregiver)
- 7 Refused
- 8 Don't know/No answer
- 9 Other (RECORD JOB: \_\_\_\_\_)

39. What is the father or primary male caregiver's job?

- 1 Stay at home caregiver
- 2 Unemployed
- 6 Not applicable (choose if no primary male caregiver)
- 7 Refused
- 8 Don't know/No answer
- 9 Other (RECORD JOB: \_\_\_\_\_)

40. What sort of community do you live in? Is it...

- 1 A city, town or village, or
  - 2 A county area or farm
- VOLUNTEERED**
- 8 Refused
  - 9 Don't know/No answer



41. And finally, for the last question, we would like to ask about family income. We realize that this may be a sensitive issue, but we only require the information for statistical purposes.

What was your total family income last year? Was it...

- 1 less than \$20,000
- 2 \$20,000 to less than \$40,000
- 3 \$40,000 to less than \$60,000
- 4 \$60,000 to less than \$80,000, or
- 5 \$80,000 or greater
- VOLUNTEERED**
- 7 Refused
- 8 Don't know/No answer

42. Thank you for your cooperation and help with this survey. Do you have any comments or questions about the survey?

**RECORD VERBATIM**

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#### **COMPLETION SECTION – ASK IF REFUSE TO PARTICIPATE**

Thank you anyway. Before you hang up, however, may I just ask you three simple questions that will help us to analyze the results of the study?

- 1 Yes DISPO=64
- 2 No THANK AND TERMINATE

- Qi. How many children in your home are younger than 12 years old?

Record Number: \_\_\_\_\_

- Qii. How old are they?

Record ages: \_\_\_\_\_

- Qiii. Does anyone in your home use a vehicle to drive the children around in?

- 1 Yes
- 2 No
- 8 Don't know/No answer

**THANK YOU FOR YOUR TIME – GOOD EVENING.**

**Interviewer Certification:** I hereby certify that this survey was conducted in the manner in which it was intended and understand that a portion of completed interviews will be verified by a field supervisor.

Interviewer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

