

CHILD PASSENGER SAFETY SURVEY

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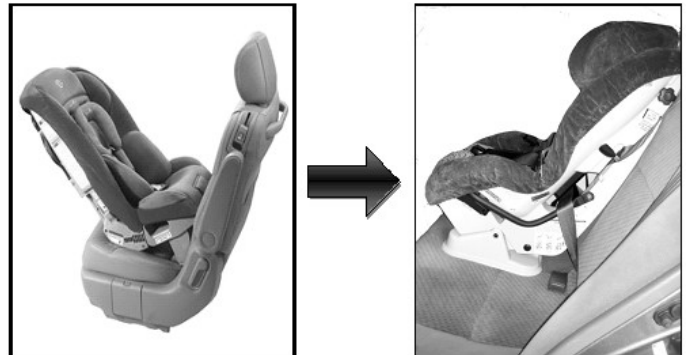
Instructions: Please choose the best answer for each item. Answer as best as you can even if you are not sure.

SECTION I: RESTRAINT SELECTION SCENARIOS

Each of the following questions presents a child safety scenario. Please choose the best answer that you think will keep the child as safe as possible.

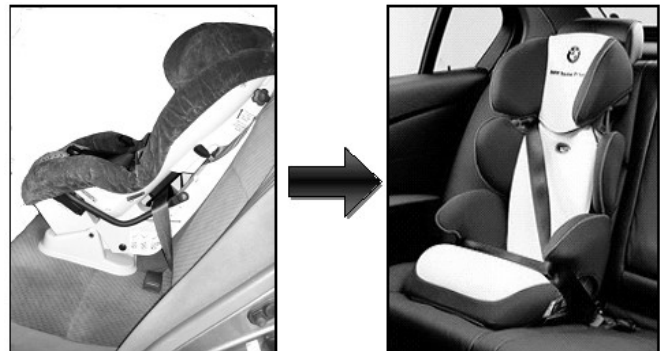
1. One of your friends calls you to ask when their baby should be moved from a rear-facing car seat to a forward-facing car seat. When should you tell your friend to move their baby to a forward-facing car seat?

- a. When the child's legs are beginning to look "crowded" (i.e., folding at knees)
- b. 1 year old and at least 20 pounds
- c. When the child is 18 months old
- d. A child should remain rear-facing as long as possible to the weight or height limits for the seat, even up to 2 years old.



2. Your cousin thinks it is time to move their child into a booster seat and asks you when it is safe to do this. When should you tell your cousin it is safe to move their child from a forward-facing car seat with harnesses to a booster seat?

- a. 2 years old
- b. 3 years old
- c. 4 years old
- d. 5 years old
- e. 6 years old
- f. At 30 pounds
- g. Once the child's feet can touch the floorboard
- h. Once the child has reached the top height/weight limits for the harnesses



3. Your child is asking you when he/she can just use a seat belt when riding in vehicles. When can your child

safely use a seat belt only?

- a. 5 years old
- b. 6 years old
- c. 8 years old
- d. 10 years old
- e. 12 years old
- f. At 80 pounds
- g. Once he/she is 4 feet tall
- h. Once he/she is in the third grade
- i. Once the seat belt fits properly in every way appropriate



4. Your child is 1 year old. She weighs 21 pounds and is 29 inches tall. Based on current safety recommendations, which seat would be most appropriate for her?

- a. Rear-facing car seat with harnesses
- b. Forward-facing car seat with harnesses
- c. Booster seat
- d. Seat belt in the back seat
- e. Seat belt in the front seat
- f. Either a or b

5. Your child is 11 years old. He weighs 85 pounds and is 4 feet 10 inches (58 inches) tall. Based on current safety recommendations, which seat would be most appropriate for him?

- a. Rear-facing car seat with harnesses
- b. Forward-facing car seat with harnesses
- c. Booster seat
- d. Seat belt in the back seat
- e. Seat belt in the front seat
- f. Either d or e

6. Your child is 19 months old. He weighs 26 pounds and is 27 inches tall. Based on current safety recommendations, which seat (assuming he is within the weight and height limits for the seat) would be most appropriate for him?

- a. Rear-facing car seat with harnesses
- b. Forward-facing car seat with harnesses
- c. Booster seat
- d. Seat belt in the back seat
- e. Seat belt in the front seat
- f. Either b or c

7. Your child is 4 years old. She weighs 36 pounds and is 3 feet (36 inches) tall. Based on current safety recommendations, which seat would be most appropriate for her?

- a. Rear-facing car seat with harnesses
- b. Forward-facing car seat with harnesses
- c. Booster seat
- d. Seat belt in the back seat
- e. Seat belt in the front seat
- f. Either b or c

8. Your child is 9 years old. He weighs 63 pounds and is 4 feet 3 inches (51 inches) tall. Based on current safety recommendations, which seat would be most appropriate for him?
- Rear-facing car seat with harnesses
 - Forward-facing car seat with harnesses
 - Booster seat
 - Seat belt in the back seat
 - Seat belt in the front seat
 - Either d or e

SECTION II: KNOWLEDGE SURVEY						
<i>The following items test your knowledge of safety restraints. Please indicate the extent you agree or disagree with each statement.</i>		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
9.	The seat belt's primary purpose is to prevent being thrown from the vehicle.	1	2	3	4	5
10.	Seat belts are not enough to protect 7 year old children in crashes.	1	2	3	4	5
11.	It is safe for an 11 year old to ride in the front seat.	1	2	3	4	5
12.	A child should remain in a booster seat until the vehicle seat belt fits properly, or until the child is 4 feet 9 inches tall.	1	2	3	4	5
13.	The purpose of a booster seat is to position a seat belt properly on a child.	1	2	3	4	5
14.	Booster seats are recommended for many children older than 8 year-olds.	1	2	3	4	5
15.	The seat belt provides the same basic protection as a booster seat.	1	2	3	4	5
16.	Seat belts are made to fit adults only.	1	2	3	4	5
17.	Because of frontal airbags, children age 10 or older are better protected in the front seat than the back seat of vehicles.	1	2	3	4	5
18.	A child is safer in the back seat.	1	2	3	4	5
19.	A 14-month-old child is too big for a rear-facing safety seat.	1	2	3	4	5
20.	A child should be in a rear-facing safety seat until the maximum height and weight limits of the safety seat.	1	2	3	4	5
21.	A rear-facing seat helps keep a child's body aligned in a crash.	1	2	3	4	5
22.	A forward-facing car seat with a harness provides the same basic	1	2	3	4	5

protection as a booster seat.

23. A forward-facing car seat with a harness should be used up to maximum height and weight limits for the harness. 1 2 3 4 5

SECTION III: THREAT AND EFFICACY PERCEPTIONS

Please indicate the extent you agree or disagree with each statement.

****NOTE: Restraint = Use of a child safety seat, booster seat or safety belt**

24. I believe that using poorly fitted child restraint/safety belts has serious negative consequences. 1 2 3 4 5
25. If improperly restrained, it is likely that **my** child will get hurt in a car crash. 1 2 3 4 5
26. If I use the correct restraint for my child's size, my child is less likely to get injured in a car crash. 1 2 3 4 5
27. I can easily use the right restraint for my child to prevent injury in a car crash. 1 2 3 4 5
28. I believe using a restraint that isn't recommended for my child's size is extremely harmful. 1 2 3 4 5
29. I believe it is severely risky for a child to be transitioned to a seat belt before the belt fits them correctly. 1 2 3 4 5
30. It is possible that **my** child will get an injury due to improper restraint in a car crash. 1 2 3 4 5
31. I believe that allowing a child to ride in the front seat earlier than age 13 is extremely harmful. 1 2 3 4 5
32. I have the skills and knowledge needed to use the correct restraint to reduce my child's chances of injury in a car crash. 1 2 3 4 5
33. I believe that turning a child seat forward earlier than age 2 has serious negative consequences. 1 2 3 4 5
34. I am able to use the recommended restraint for my child to prevent him/her from getting injured in a car crash. 1 2 3 4 5
35. I believe using child restraints/safety belts that are too big or too small for my child is dangerous. 1 2 3 4 5
36. If not appropriately restrained, **my** child is at risk for getting unnecessarily injured in a car crash. 1 2 3 4 5

- | | | | | | |
|---|---|---|---|---|---|
| 37. Properly fitted child restraints/safety belts work to prevent unnecessary injury in a car crash. | 1 | 2 | 3 | 4 | 5 |
| 38. I believe that using a booster seat for a child that should still be in a harnessed seat has serious negative consequences. | 1 | 2 | 3 | 4 | 5 |
| 39. Using a properly fitted child restraint/safety belt is effective in preventing injury in a car crash. | 1 | 2 | 3 | 4 | 5 |

SECTION IV: ATTITUDES

We would like to know your honest opinions about certain safety trends. Please indicate the extent you agree or disagree with each statement.

- | | | | | | |
|---|---|---|---|---|---|
| 40. I find it unnecessary to make a 10-year-old child ride in the back seat when nobody is in the front passenger seat. | 1 | 2 | 3 | 4 | 5 |
| 41. Booster seats are an important step between car seats and safety belts. | 1 | 2 | 3 | 4 | 5 |
| 42. For most 3-year-olds, I think a booster seat is just as safe as a safety seat with harnesses. | 1 | 2 | 3 | 4 | 5 |
| 43. I find booster seats to be unnecessary after a child is 8-years-old. | 1 | 2 | 3 | 4 | 5 |
| 44. It is important to always buckle up kids even if you're just going around the corner. | 1 | 2 | 3 | 4 | 5 |
| 45. I think that keeping kids rear-facing until age 2 is a good idea. | 1 | 2 | 3 | 4 | 5 |
| 46. Rear-facing a child past the first birthday seems harmful because there is not enough room for their legs. | 1 | 2 | 3 | 4 | 5 |
| 47. As long as my child is buckled in some way, I don't believe the restraint type or how it is installed really matters that much. | 1 | 2 | 3 | 4 | 5 |

SECTION V: STATED INTENTIONS

We would like to know your honest answers about what you would do in these situations. Please indicate the extent you agree or disagree with each statement.

- | | | | | | |
|--|---|---|---|---|---|
| 48. I will purchase whatever type of seat needed for my child. | 1 | 2 | 3 | 4 | 5 |
|--|---|---|---|---|---|

- | | | | | | |
|--|---|---|---|---|---|
| 49. I will require that my child rides in the back seat until age 13. | 1 | 2 | 3 | 4 | 5 |
| 50. I will follow the current child passenger safety recommendations. | 1 | 2 | 3 | 4 | 5 |
| 51. I will seek additional information to make sure my kids are restrained properly. | 1 | 2 | 3 | 4 | 5 |
| 52. I will make sure my child uses the recommended restraint every time they are in the car. | 1 | 2 | 3 | 4 | 5 |
| 53. If <u>my</u> child were an infant today, I would probably keep him/her in a rear-facing seat until the upper weight and height limits for the seat are reached (even up to age 2). | 1 | 2 | 3 | 4 | 5 |
| 54. If <u>my</u> child were a toddler today, I would probably keep him/her in a harnessed seat until they have reached the maximum weight and height limits of the seat. | 1 | 2 | 3 | 4 | 5 |
| 55. If <u>my</u> child were in first grade today, I would probably keep him/her in a booster seat until 4 feet 9 inches tall. | 1 | 2 | 3 | 4 | 5 |
| 56. If <u>my</u> child were a fifth grader today, I would probably make him/her ride in the back seat until age 13. | 1 | 2 | 3 | 4 | 5 |

SECTION VI: INSTALLATION QUESTIONS (THIS SECTION USED FOR STUDY 2 ONLY)

The following items ask about installation and use of safety restraints. Please indicate the extent you agree or disagree with each statement.

- | | | | | | |
|--|---|---|---|---|---|
| 57. A rear-facing safety seat should be at a 75 degree angle when installing into a vehicle. | 1 | 2 | 3 | 4 | 5 |
| 58. A LATCH system and seat belt should be used together when installing infant and toddler safety seats. | 1 | 2 | 3 | 4 | 5 |
| 59. Harness straps should be threaded through the seat above the shoulders when using a forward-facing car seat. | 1 | 2 | 3 | 4 | 5 |
| 60. When using infant and toddler safety seats, the harness chest clip should be fastened at armpit level. | 1 | 2 | 3 | 4 | 5 |
| 61. When installing infant and toddler seats tightly in a vehicle, seat movement should be restricted to 2 inches of movement. | 1 | 2 | 3 | 4 | 5 |
| 62. For kids in boosters and seat belts, lap-only seat belts are safe for use. | 1 | 2 | 3 | 4 | 5 |
| 63. Top tether straps can be used with the seat belt or lower anchors to reduce forward movement in a crash. | 1 | 2 | 3 | 4 | 5 |

64. Harness straps should be fastened loosely for comfort.

1 2 3 4 5

SECTION VII: JUDGMENTS OF RELEVANCE AND ACCEPTABILITY (THIS SECTION USED FOR POST-TEST ONLY)

We would like your assessment of the car safety materials that were presented to you today. Please answer the following questions as completely, carefully and candidly as possible.

65. How would you rate the overall quality of the materials that were presented to you today?

4	3	2	1
Excellent	Good	Fair	Poor

66. How would you rate the clarity of the materials that were presented to you today?

4	3	2	1
Excellent	Good	Fair	Poor

67. Was the information presented in an organized and coherent manner?

4	3	2	1
Yes, definitely	Somewhat	Not entirely	No, not at all

68. Were the materials interesting to you?

4	3	2	1
Very Interesting	Interesting	Not very interesting	Not interesting at all

69. Were the materials relevant to your needs?

4	3	2	1
Very relevant	Somewhat relevant	Not very relevant	No, not at all relevant

70. How much did you learn from the materials?

4	3	2	1
A great deal	Gained some knowledge	Gained little knowledge	Nothing

71. How useful would you say the materials will be to you in the future?

4	3	2	1
Extremely Useful	Somewhat useful	Not very useful	Not at all useful

72. How likely will the materials you received cause a change in your behavior?

4	3	2	1
Extremely Likely	Likely	Not very likely	Not at all likely

73. Was the amount of information given today appropriate for you?

4	3	2	1
Yes, definitely	Somewhat	Not very much	No, not at all

74. Comments/suggestions about the materials:

SECTION VIII: DEMOGRAPHIC QUESTIONNAIRE (THIS SECTION USED FOR POST-TEST ONLY)

The following questions allow us to describe (as a group) the population that completed our study. We appreciate your providing us this information.

75. What is your gender?

- a. Male
- b. Female

76. Are you of Hispanic, Latino or Spanish origin?

- a. Yes
- b. No

77. What is your race? Please select one or more.

- a. American Indian or Alaska Native
- b. Asian
- c. Black or African American
- d. Native Hawaiian or Other Pacific Islander
- e. White

78. How old are you? _____

79. How many children do you have?

- a. 0
- b. 1
- c. 2
- d. 3
- e. 4
- f. 5
- g. 6+

80. For those children under 13, please specify for your three youngest children:

	<u>Child 1</u>	<u>Child 2</u>	<u>Child 3</u>
a. Age of each child:	0-12 mos	0-12 mos	0-12 mos
	1-3 yrs	1-3 yrs	1-3 yrs
	4-7 yrs	4-7 yrs	4-7 yrs
	8-12 yrs	8-12 yrs	8-12 yrs

	<u>Child 1</u>	<u>Child 2</u>	<u>Child 3</u>
b. Estimated weight of each child:	_____ lbs.	_____ lbs.	_____ lbs.

	<u>Child 1</u>	<u>Child 2</u>	<u>Child 3</u>
c. Estimated height of each child:	_____ in.	_____ in.	_____ in.

	<u>Child 1</u>	<u>Child 2</u>	<u>Child 3</u>
d. Current safety restraint used:	Rear Facing Car Seat	Rear Facing Car Seat	Rear Facing Car Seat

Forward Fac. Car Seat Booster seat Seat belt	Forward Fac. Car seat Booster seat Seat belt	Forward Fac. Car Seat Booster seat Seat belt
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81. What is your annual family income?

- a. \$0-\$15,999
- b. \$16,000 - \$24,999
- c. \$25,000 - \$49,999
- d. \$50,000 - \$99,999
- e. \$100,000+
- f. Decline to answer

82. What is your highest level of education?

- a. Grade school
- b. Some high school
- c. High school diploma/GED
- d. Some college
- e. 2-year degree/trade school
- f. Bachelor's degree
- g. Graduate degree

83. In the last 30 days, how often have you used a seat belt?

- a. Always
- b. Fairly often
- c. Not very often
- d. Never

84. What do you think is the most effective method to distribute information about child safety seats/restraints? (Check up to 2 preferences)

- | | | |
|----------------------------------|---------------------|---------------------|
| a. Television | d. Email | h. Billboards |
| b. Internet | e. Radio | i. Consumer reviews |
| c. Smartphone/Tablet application | f. Postal mail | j. Other: _____ |
| | g. Brochures/flyers | _____ |

85. Who or where do you go to for your information about child safety seats/restraints? (Check all that apply)

- | | | |
|-----------------------------|-------------------------------|----------------------|
| a. My child's school | f. Website | j. Other: _____ |
| b. Doctor's office | g. Fire station | _____ |
| c. Friends | h. Police station | _____ |
| d. Family | i. Store where purchased seat | k. None of the above |
| e. Public Health Department | | |

86. Have you ever had a child seat/restraint inspected by a Child Passenger Safety technician for correct installation (e.g., at a fire station, police station, seat-check event)?

- a. Yes
- b. No