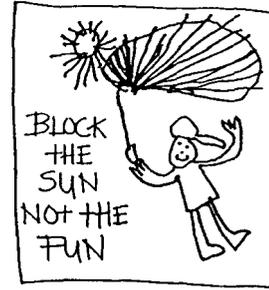


**Block the Sun, Not the Fun
Preschool/Child Care Center Project**

Lori A. Crane, Ph.D., M.P.H., Principal Investigator



List of Data Collection Instruments:

1. Parent survey (telephone administered)
2. Director's survey, Part A (self-administered)
3. Director's survey, Part B (interviewer administered)
4. Day Care Center/Preschool observation form

CASE ID# /_/_/_/_/_/_/_/

DATE OF INTERVIEW /_/_/_/-/_/_/_/-/_/_/_/

INTERVIEWER _____

SKIN CANCER PREVENTION PROJECT

PARENT SURVEY

9/15/94

ASK FOR PERSON NAMED ON SLIP. IF NOT AVAILABLE, ASK FOR A BETTER TIME TO REACH HIM/HER AND RECORD ON CALL RECORD FORM.

INTRODUCTION

1. Hello. My name is (NAME) and I'm calling from the AMC Cancer Research Center in Denver. The (name of child care center) is participating in a skin cancer prevention project, and we're interviewing parents from the center to find out their opinions and knowledge about skin cancer and sun protection. Your center recently sent home a letter explaining this project. You returned a form indicating that you would be willing to complete this interview. This will take about 15 minutes. Would this be a good time for you to complete the interview?

1 YES ---> SKIP TO 3

2 NO

2. Can you give me a particular time that you think would be better, and I'd be glad to call you back. RECORD TIME AND DATE TO CALL BACK ON CALL RECORD FORM.

Thank you and I'll call you back at that time.

3. Thanks for agreeing to talk with me now. I want you to know that your answers will be kept confidential. They will not be reported to your child care center. We will be compiling summaries of the responses that we get from all participating parents.

Family roster and skin types, sunburn history

4a. First of all, I'd like to find out how many children you have enrolled in (CHILD CARE CENTER NAME).

ENTER NUMBER OF CHILDREN _____

4b. What is your relationship to this child/these children?

- 1 MOTHER
- 2 FATHER
- 3 STEPMOTHER
- 4 STEPFATHER
- 5 GRANDPARENT
- 6 SIBLING
- 7 OTHER ----> SPECIFY _____

4c. Now, I'd like to find out how many children altogether live in your home.

ENTER NUMBER OF CHILDREN _____

4d. How many adults live in your home?

ENTER NUMBER OF ADULTS _____

5. I'd like to get the name or initials of each household member.

6. What is the name of (CHILD 1)?

7. What is the age of (CHILD 1)?

REPEAT FOR EACH HOUSEHOLD MEMBER. FOR ADULTS, ONLY NAME IS ASKED, NOT AGE.

8. For each household member, I'd like to determine their skin type. To do this, I need you to imagine that each family member was outside in strong sunshine at the beginning of the summer for one hour with no protection at all. I'm going to describe five reactions that they might have to the sun, and I'd like you to tell me which one most closely matches what you think would happen to them. If you're not sure, give me your best guess.

9. First of all for (first child), if he/she was outside in strong sunshine at the beginning of the summer for one hour with no protection at all, which of these best describes what would happen to his/her skin?

- 1 A painful bum the next day and no tan one week later;
- 2 A painful bum the next day and a light tan one week later;
- 3 A slightly tender bum the next day and a moderate tan one week later; or
- 4 No bum the next day and a good tan one week later.
- 6 DON'T KNOW
- 7 REFUSED

REPEAT FOR EACH FAMILY MEMBER

10. Now, I'd like to find out if anyone in your family got sunburned this past summer. By sunburned, I mean any reddening of the skin after being outside.

11. Did (name) get sunburned at all this past summer?

- 1 YES
- 2 NO -----> SKIP TO NEXT FAMILY MEMBER
- 3 DON'T KNOW -----> SKIP TO NEXT FAMILY MEMBER

12. How many times did (name) get sunburned? ENTER NUMBER _____

ENTER 99 FOR DON'T KNOW

13. Did (name) ever get a blistering sunburn this past summer?

- 1 YES
- 2 NO
- 3 DON'T KNOW

REPEAT FOR EACH FAMILY MEMBER.

14a. This summer, did you try to protect your child/children's skin from the harmful effects of the sun?

- 1 YES
- 2 NO---->SKIP TO Q14c
- 3 DON'T KNOW---->SKIP TO Q14c

14b. What did you do to try to protect them from the sun? DO NOT AID OR PROMPT!
CIRCLE ALL THAT APPLY.

- 1 PUT ON A SHIRT
- 2 USE SUNSCREEN
- 3 PUT ON A HAT
- 4 USE SHADE
- 5 COVER UP
- 6 AVOID SUN BY STAYING INSIDE
- 7 AVOID SUN IN MIDDLE OF DAY (11AM-3PM)
- 8 AVOID SUN WHEN IT'S HOTTEST
- 9 DON'T KNOW
- 10 OTHER -----> SPECIFY _____

14c. We're interested in finding out how much time families such as yours spend in the sun. Thinking of your family activities over this past summer, I'd like you to think about the things you did in the middle of the day, between 11 am and 3 pm. Did you ever choose not to go outside so as to avoid the sun?

- 1 YES
- 2 NO----->SKIP TO Q16
- 3 DON'T KNOW--->SKIP TO Q16

15. Did you choose not to go outside occasionally, sometimes, or whenever you could manage it?

- 1 OCCASIONALLY
- 2 SOMETIMES
- 3 WHENEVER COULD MANAGE
- 4 DON'T KNOW

16. The next questions also are about sunny days in summer between 11am and 3pm, but only when your family was outside for 15 minutes or longer. When you were outside on sunny days between 1 lam and 3pm for more than 15 minutes, how often did you try to keep your child/children in the shade when it was available? Would you say....

- 1 Rarely or never,
- 2 Sometimes,
- 3 Half of the time,
- 4 Usually, or
- 5 Almost always?
- 6 DON'T KNOW

17. How often did your child/children wear a hat? Would you say...

- 1 Rarely or never,
- 2 Sometimes,
- 3 Half of the time,
- 4 Usually, or
- 5 Almost always?
- 6 DON'T KNOW

18. How often did your child/children wear clothes covering most of their body, including most of their arms and legs? Would you say...

- 1 Rarely or never,
- 2 Sometimes,
- 3 Half of the time,
- 4 Usually, or
- 5 Almost always?
- 6 DON'T KNOW

19. How often did you deliberately dress your child/children in less clothing so as to get some sun on their skin? Would you say...

- 1 Rarely or never,
- 2 Sometimes,
- 3 Half of the time,
- 4 Usually, or
- 5 Almost always?
- 6 DON'T KNOW

20. How often did your child/children wear sunscreen with an SPF of 15 or higher? Would you say...

- 1 Rarely or never,
- 2 Sometimes,
- 3 Half of the time,
- 4 Usually, or
- 5 Almost always?
- 6 DON'T KNOW

21. During days that you spent with your child/children this summer, how often were you and your child/children outside for an hour or more between 11am and 3pm? Would you say....

- 1 Everyday that you spent with your child/children,
- 2 Most of the days. that you spent with your child/children,
- 3 Half of the days,.
- 4 A few of the days, or
- 5 None of the days that you spent with your children?
- 6 DON'T KNOW

24. The next questions are about what you think about skin cancer.
How serious of a disease do you think skin cancer is? Do you think it is....

- 1 Not at all serious
- 2 Not very serious
- 3 Somewhat serious, or
- 4 Very serious?
- 5 DEPENDS ON KIND
- 7 DON'T KNOW

25. How important do you think it is to protect your child/children's skin from the sun? Do you think it is...

- 1 Very important
- 2 Somewhat important
- 3 Not too important, or
- 4 Not at all important?
- 7 DON'T KNOW

26. Can you tell me what the SPF rating on a sunscreen bottle means?

CHOOSE ALL MENTIONED.

- 1 HIGHER NUMBER MEANS MORE PROTECTION
- 2 SUN PROTECTION FACTOR
- 3 AMOUNT OF PROTECTION IT GIVES YOU
- 4 HOW MANY TIMES LONGER YOU CAN STAY IN THE SUN
- 5 OTHER----> SPECIFY _____
- 6 NO/DON'T KNOW

27. To the best of your knowledge, over the last 10 years would you say the number of people getting skin cancer has...

- 1 increased
- 2 decreased
- 3 stayed about the same, or
- 4 are you not sure?

28. To the best of your knowledge, is the percentage of people getting skin cancer in Colorado...

- 1 about the same as the national average
- 2 less than the national average
- 3 more than the national average, or
- 4 are you not sure?

29. Has anyone close to you, such as a friend or relative, ever had skin cancer?

- 1 YES
- 2 NO
- 3 DON'T KNOW

Now, I'm going to read you some statements about sun exposure and skin cancer. For each one, I'd like you tell me whether you agree with it, disagree with it, or whether you don't know. The first one is(READ STATEMENT). Do you agree, or disagree?

	Agree	Disagree	Don't Know
30. It is not worth the trouble it takes to use a sunscreen.			
31. Sunburns only hurt for a short time, then they go away. No real harm is done.			
32. Wearing full-length clothing can protect you from getting skin cancer.			
33. Once you have a tan, your skin cannot be hurt from the sun.			
34. Skin cancer is something only old people get.			
35. Getting a sunburn increases the chances of getting skin cancer.			
36. All skin cancers can be easily cured.			
37. The higher the altitude, the easier it is to get sunburned.			
38. Limiting the amount of time spent in the sun can protect you from getting skin cancer.			
39. An umbrella is enough to protect a baby from the sun.			
40. Getting a tan increases the chances of getting skin cancer.			
41. The sun causes wrinkling.			
42. A sunscreen with SPF 6 is usually adequate.			

	Agree	Disagree	Don't Know
43. It's too hot in the summer to put full-length clothing on a child.			
45. Sunscreen only needs to be put on once a day.			
46. Treatment for skin cancer can leave ugly scars.			
49. Sunburn on a small child can be very painful.			
50. During the summer, the sun is strongest between 3pm - 5pm.			
51. Young children can be taught to protect themselves from the sun.			
53. Children look healthier when they have a suntan.			
54. There is nothing anyone can do to prevent skin cancer.			
56. Some kinds of skin cancer are very deadly.			
57. Getting too much sun during childhood can cause skin cancer later in life.			
58. People with very fair skin are the most likely to have their skin damaged by the sun.			
59. Using sunscreen on a child lowers the chance of him or her getting skin cancer later in life.			
60. Only people who are in the sun a lot for their whole lives (like farmers) get skin cancer.			

63. The following questions are about your preschool or child care center.
We're interested in how long you have had a child continuously enrolled at [NAME OF CHILD CARE CENTER]. If you've taken any break of enrollment of more than one month, just give me the time since the last break.

- 1 MONTHS---->ENTER NUMBER _____
- 2 YEARS----->ENTER NUMBER _____
- 3 DON'T KNOW

64. Have you received any information from your day care center or preschool about protecting children from sunshine?

- 1 YES
- 2 NO---->SKIP TO Q72

64a. What did you receive? CHOOSE ALL THAT APPLY.

- 1 RECEIVED OUR STUFF (TOTE BAG AND BROCHURES)
- 2 MENTIONED IN CENTER'S NEWSLETTER
- 3 THEY TALKED TO ME ABOUT IT
- 4 THEY TOLD ME TO BRING SUNSCREEN
- 5 RECEIVED OTHER INFORMATION ---> SPECIFY _____

IF OUR MATERIALS (#1) ARE MENTIONED, CONTINUE. IF NOT, SKIP TO Q72

65. How much of these materials did you read? Would you say....

- 1 none, ----> SKIP TO Q67
- 2 a little,
- 3 most, or
- 4 all of the materials?

66. Did you learn anything new from these materials?

- 1 YES
- 2 NO -----> SKIP TO Q67

66a. What did you learn from these materials? CHOOSE ALL THAT APPLY.

- 11 IMPORTANCE OF PROTECTING KID'S SKIN
- 12 TO USE SUNSCREEN
- 13 TO AVOID SUN MID-DAY
- 14 TO COVER UP WITH CLOTHES
- 15 TO STAY IN THE SHADE
- 16 TO USE A HAT
- 17 THAT SUN IS STRONGER AT HIGHER ALTITUDE
- 18 OTHER ----> SPECIFY _____
- 19 DON'T KNOW

67. Have you made any changes in what you do to protect your child/children from the sun as a result of these materials?

- 1 YES
- 2. NO-----> SKIP TO Q68

67A. What changes have you made?

CIRCLE ALL MENTIONED. DO NOT PROMPT.

- 1 PUT ON A SHIRT
- 2 USE SUNSCREEN
- 3 PUT ON A HAT
- 4 USE SHADE
- 5 COVER UP
- 6 AVOID SUN BY STAYING INSIDE
- 7 AVOID SUN IN MIDDLE OF DAY (11AM-3PM)
- 8 AVOID SUN WHEN IT'S HOTTEST
- 9 DON'T KNOW
- 10 OTHER -----> SPECIFY _____

68. Have you used the canvas tote bag that the materials came in?

- 1 YES----> How do you use it? _____
- 2 NO-----> What did you do with the bag? _____

69. What did you do with the yellow and red “Block the sun, not the fun” kitchen magnet?

- 1 PUT IT ON REFRIGERATOR
- 2 PUT IT ON SOMETHING ELSE
- 3 GAVE IT TO MY CHILD
- 4 THREW IT AWAY
- 5 LOST IT
- 6 DON’T KNOW
- 7 OTHER -----> SPECIFY _____

70. Have you done any of the special activities suggested for teaching children about the sun?

- 1 YES
- 2 NO ---> SKIP TO Q72

71. Do you feel that your child learned from these activities?

- 1 YES
- 2 NO

72. To the best of your knowledge, does your center have any policies related to protecting children from sunshine? (PROMPTS: Such as sunscreen or protective clothing policies?)

- 1 YES
- 2 NO ---> SKIP TO Q73

72a. What are these policies? CHOOSE ALL THAT APPLY.

- 1 USE SUNSCREEN
- 2 KEEP KIDS IN SHADE
- 3 PUT HATS ON KIDS
- 4 COVER KIDS WITH CLOTHES
- 5 OTHER ---> SPECIFY _____
- 6 DON’T KNOW

73. Does your center apply sunscreen to childrens’ skin?

- 1 YES
- 2 NO----> SKIP TO Q79
- 3 DON’T KNOW---->SKIP TO Q79

73a. Who supplies the sunscreen?

- 1 PARENT
- 2 CENTER
- 3 OTHER ----> SPECIFY _____
- 4 DON'T KNOW

74. Is it applied *every day* during the summer?

- 1 YES
- 2 NO
- 3 DON'T KNOW

75. At what times during the day is it usually applied during the summer?
CIRCLE ALL MENTIONED.

- 1 IN MORNING, BEFORE GOING OUTSIDE
- 2 IN AFTERNOON, BEFORE GOING OUTSIDE
- 3 WHEN CHILD ARRIVES AT CENTER
- 4 OTHER----->SPECIFY _____
- 5 DON'T KNOW

76. To the best of your knowledge, does your center apply sunscreen only in the summer, anytime it's sunny year-round, or something else?

- 1 ONLY IN SUMMER
- 2 ANYTIME IT'S SUNNY, YEAR-ROUND
- 3 SOMETHING ELSE ----> SPECIFY _____
- 4 DON'T KNOW

77. Has your center ever asked you to bring in sunscreen for your child?

- 1 YES
- 2 NO---->SKIP TO Q79
- 3 DON'T KNOW---->SKIP TO Q79

78. Did you do this?

- 1 YES
- 2 NO
- 3 DON'T KNOW

79. Has your center ever asked you to bring a sunhat for your child to wear?

- 1 YES
- 2 NO---->SKIP TO Q81
- 3 DON'T KNOW---->SKP TO Q81

80. Did you do this?

- 1 YES
- 2 NO
- 3 DON'T KNOW

81. Has your center ever asked you to bring other clothing in order to protect your child from the sun?

- 1 YES
- 2 NO ----> SKIP TO Q83
- 3 DON'T KNOW ----> SKIP TO Q83

82. Did you do this?

- 1 YES
- 2 NO
- 3 DON'T KNOW

83. Have you ever asked your center to do anything special for your child in order to protect him/her from the sun?

- 1 YES
- 2 NO---->SKIP TO Q86
- 3 DON'T KNOW---->SKIP TO Q86

84. What did you ask the center to do?

CIRCLE ALL THAT APPLY.

- 1 USE SUNSCREEN
- 2 HAVE CHILD WEAR HAT
- 3 OTHER ---> SPECIFY _____

85. Did the center carry out, your request?

- 1 YES-----> SKIP TO Q86
- 2 NO
- 3 DON'T KNOW -----> SKIP TO Q86

85a. Why didn't the center carry out your request?

- 1 TOO MUCH TROUBLE
- 2 DON'T KNOW
- 3 OTHER-----> SPECIFY _____

86. Have you ever noticed any posters or signs about sun protection at your center?

- 1 YES
- 2 NO
- 3 DON'T KNOW

87. Have you noticed any changes in what your center does regarding sun protection in the six months?

- 1 YES
- 2 NO---->SKIP TO Q89
- 3 DON'T KNOW---->SKIP TO Q89

88. What were the changes?

CIRCLE ALL THAT APPLY

- 1 STARTED USING SUNSCREEN
- 2 USES SUNSCREEN MORE OFTEN
- 3 SIGNS POSTED
- 4 NOTICES TO PARENTS
- 5 STARTED KEEPING CHILDREN IN SHADE
- 6 PUT HATS **ON** CHILDREN
- 7 OTHER--->SPECIFY _____
- 8 DON'T KNOW

89. In the last six months, has your child ever told you about things he/she did or learned about sun protection at your child care center?

- 1 YES
- 2 NO---->SKIP TO Q91
- 3 DON'T KNOW---->SKIP TO Q91

90. What did your child tell you?

- 1 STAY OUT OF THE SUN
- 2 USE SUNSCREEN
- 3 WEAR LONG CLOTHING
- 4 SUN HURTS YOU
- 5 PUT ON A HAT
- 6 OTHER ----> SPECIFY _____

91. How satisfied are you with what your center does regarding sun protection? Are you...

- 1 Very satisfied,
- 2 Somewhat satisfied,
- 3 Not very satisfied, or
- 4 Not at all satisfied?
- 5 DON'T KNOW

92. What would you like to see done differently, with respect to sun protection, at your center?

- 1 SOMETHING ----> ENTER RESPONSE

- 2 NOTHING
- 3 DON'T KNOW

93. I'd like to ask you a few questions about yourself. We'd like to get an idea of who we're reaching with this program.

In what year were you born? _____

94. How would you describe your racial or ethnic background? Would you say ...

- 1 White
- 2 Black or African American
- 3 Asian or Pacific Islander
- 4 Hispanic or Latino
- 5 American Indian/Alaskan Native, or
- 6 Some other group? SPECIFY _____
- 7 DON'T KNOW
- 8 REFUSED

95. What is the highest grade or level of formal education that you have completed?

ENTER NUMBER _____

- NONE (0)
- ELEMENTARY SCHOOL (1-8)
- HIGH SCHOOL (9-12)
- COLLEGE/TECHNICAL SCHOOL (13-16)
- SOME GRADUATE SCHOOL, NO DEGREE (17)
- GRADUATE DEGREE (MASTERS, DOCTORATE) (18)
- DON'T KNOW (19)
- REFUSED (20)

96. During 1993, was your total household income, from all sources and before taxes...

- 1 Under \$25,000 or
- 2 Over \$25,000? ---->SKIP TO Q98
- 3 \$25,000 EXACTLY ---->SKIP TO Q99
- 4 DON'T KNOW ---->SKIP TO Q99
- 5 REFUSED ----> SKIP TO Q99

97. Was it less than \$15,000?

- 1 YES
- 2 NO
- 3 \$15,000 EXACTLY
- 4 DON'T KNOW
- 5 REFUSED

98. Was it more than \$40,000?

- 1 YES
- 2 NO
- 3 \$40,000 EXACTLY
- 4 DON'T KNOW
- 5 REFUSED

Those are all the questions I have. Thank you for completing this interview. At this point, I'd like to give you a little information about the sun and skin cancer if you're interested.

- > Skin cancer is on the increase in the United States.
- > Skin damage that can lead to skin cancer begins in childhood.
- > A single severe sunburn in childhood may double the chance that the child will develop melanoma, the most serious kind of skin cancer, later in life.
- > To protect your child's skin from the sun, you can do the following:
 - > Keep your child out of the sun in the middle of the day, when the sun's rays are the strongest, that is from about 11am to 3pm.
 - > Encourage your child to play in the shade, and try to increase the amount of shade in play areas. (you can use trees, porch covers, tarps)
 - > Dress your child in hats with wide brims, long sleeved cotton shirts and long pants. Even t-shirts that cover the shoulders and long shorts are better than tank tops and short shorts.
 - > Infants under 6 months of age should be kept in the shade or covered at all times.
- > These things are particularly important in Colorado where the altitude increases the intensity of the sun.
- > If you have any questions, you may call the project director, Lori Crane (239-3306).
- > Once again, thanks for taking the time to complete this interview!

ENTER SEX OF RESPONDENT:

- 1 FEMALE
- 2 MALE
- 3 DON'T KNOW

PLEASE CHOOSE THE MOST APPROPRIATE MOOD OF THE RESPONDENT:

- 1 COOPERATIVE
- 2 FRIENDLY
- 3 TALKATIVE
- 4 POLITE
- 5 RELUCTANT
- 6 SUSPICIOUS
- 7 HOSTILE
- 8 OTHER---->SPECIFY _____

RECORD ANY RELEVANT COMMENTS:

ID # _____
Center Name _____
Director's Name _____
Date _____

SKIN CANCER PREVENTION IN INFANTS AND SMALL CHILDREN
DIRECTOR'S SURVEY -- PART A

Below are statements about sun exposure and skin cancer. For each one, please mark whether you believe it is definitely true, probably true, don't know, probably false, or definitely false.

	Def. True	Prob. True	Don't Know	Prob. False	Def. False
1. It is not worth the trouble it takes to use a sunscreen.					
2. Sunburns only hurt for a short time, then they go away. No real harm is done.					
3. Wearing full-length clothing can protect you from getting skin cancer.					
4. Once you have a tan, your skin cannot be hurt from the sun.					
5. Skin cancer is something only old people get.					
6. Getting a sunburn increases the chances of getting skin cancer.					
7. All skin cancers can be easily cured.					
8. The higher the altitude, the easier it is to get sunburned.					
9. Limiting the amount of time spent in the sun can protect you from getting skin cancer.					
10. An umbrella is enough to protect a baby from the sun.					
11. Getting a tan increases the chances of getting skin cancer.					
12. The sun causes wrinkling.					

	Def. True	Prob. True	Don't Know	Prob. False	Def. False
13. A sunscreen with SPF 6 is usually adequate.					
14. It's too hot in the summer to put full-length clothing on a child.					
15. Only people who aren't used to being in the sun a lot get skin cancer.					
16. Sunscreen only needs to be put on once a day.					
17. Treatment for skin cancer can leave ugly scars.					
18. A tan is nature's way of saying you are getting too much sun.					
19. Skin cancer is a pretty rare disease.					
20. Sunburn on a small child can be very painful.					
21. During the summer, the sun is strongest between 3pm - 5pm.					
22. Young children can be taught to protect themselves from the sun.					
23. Clouds protect you from burning.					
24. Children look healthier when they have a suntan.					
25. There is nothing anyone can do to prevent skin cancer.					
26. Sunscreens help you tan.					
27. Some kinds of skin cancer are very deadly.					
28. Getting too much sun during childhood can cause skin cancer later in life.					
29. People with very fair skin are the most likely to have their skin damaged by the sun.					

	Def. True	Prob. True	Don't Know	Prob. False	Def. False
30. Using sunscreen on a child lowers the chance of him or her getting skin cancer later in life,.					
31. Only people who are in the sun a lot for their whole lives (like farmers) get skin cancer.					
32. The sun causes skin cancer.					
33. Protecting little children's skin from the sun will lower their chances of getting skin cancer.					

Below are several scenarios. We'd like to get a sense of the circumstances under which you would decide that the children attending the center need sun protection, Please answer these questions according to the practices you have used over the last year at the center.

34. It is a sunny day in August and the children will be going outside to play for 30 minutes.

a. Would you apply any sunscreen on a day like this?

Yes . . . 1 No . . . 2

b. Would you dress the children in sun protective clothing (hats, long sleeves...)?

Yes . . . 1 No . . . 2

35. It is a slightly overcast day in August and the children will be going outside to play for 30 minutes.

a. Would you apply any sunscreen on a day like this?

Yes . . . 1 No . . . 2

b. Would you dress the children in sun protective clothing (hats, long sleeves...)?

Yes . . . 1 No . . . 2

36. It is an overcast day in August and the children will be going outside to play for 30 minutes.
- a. Would you apply any sunscreen on a day like this?
Yes . . . 1 No . . . 2
- b. Would you dress the children in protective clothing (hats, long sleeve shirts, long pants)?
Yes . . . 1 No . . . 2
37. It is a sunny day in January, and the children are going outside to play in the snow for 30 minutes.
- a. Would you apply any sunscreen on a day like this?
Yes . . . 1 No . . . 2
38. It is a sunny day in January and the children are going outside to play for 30 minutes. There is no snow on the ground.
- a. Would you apply any sunscreen on a day like this?
Yes . . . 1 No . . . 2
39. It is a snowy day in January and the children are going out to play in the snow for 30 minutes.
- a. Would you apply any sunscreen on a day like this?
Yes . . . 1 No . . . 2
40. It is a partly cloudy day in January, and the children are going to play outside for 30 minutes. There is no snow on the ground.
- a. Would you apply any sunscreen on a day like this?
Yes . . . 1 No . . . 2

41. Which of the following things do you think make getting skin cancer more likely?
Circle Yes or No for each.

- | | | |
|---|-----|----|
| a. Lots of exposure to sunshine | Yes | No |
| b. Stress | Yes | No |
| c. Having light or fair skin | Yes | No |
| d. Smoking | Yes | No |
| e. Poor diet | Yes | No |
| f. Having skin that bums in the sun | Yes | No |
| g. Having lots of moles | Yes | No |
| h. Having dark hair | Yes | No |
| i. Having a family history of skin cancer | Yes | No |
| j. Having blue or green eyes | Yes | No |

ID # _____
Center Name _____
Director's Name _____
Date _____

SKIN CANCER PREVENTION IN INFANTS AND SMALL CHILDREN
DIRECTOR'S SURVEY -- PART B

INTRODUCTION: As you know, we are planning a skin cancer prevention program for children attending preschools and day care centers. I'm here today to get some information about how your center operates and what your beliefs are about skin cancer prevention. While I'm here, I would also like to observe the children at play outside for a little while. We will use the information gathered to develop skin cancer prevention guidelines, workshops and materials for preschools and day care centers. Your responses to my questions will not be connected with you or your center. Your answers will be combined with the answers of the other centers participating in order to get an idea of how preschools and day care centers operate in general, and the problems they face.

First, I would like you to answer some written questions.

Now, we will begin with some questions about enrollment at your center.

1. What is the total number of infants/children that are currently enrolled in your program? How many of these are of age? (THESE MAY BE APPROXIMATE. USE DIFFERENT CATEGORIES IF NECESSARY.)

Total: _____

0-6 months: _____

6-12 months: _____

1-2 years: _____

2-3 years: _____

3-4 years: _____

4-5 years: _____

2. How many of these children come for the full

3. I'd like to get an estimate of the racial/ethnic mix of the children. About what proportion are:

Non-Hispanic/White _____
Hispanic _____
African-American or Black _____
Asian _____
Other (Specify _____) _____

4. Do you currently have a waiting list for enrollment (i.e. are you at capacity)?

Yes . . . 1 No . . . 2

5a. What do you charge for care? (amount per day . . . 1/week . . . 2/month . . . 3)

5b. Can I get a copy of the enrollment materials you give to parents?

Yes (attached) . . . 1 Yes (will send) . . . 2 No . . . 3

6. What times of the day are children outside?

7. On sunny days, how many hours total are the children outside?

<u>1</u>	Less than 30 minutes
<u>2</u>	30 minutes - 1 hour
<u>3</u>	1 hour - 2 hours
<u>4</u>	2 hours - 3 hours
<u>5</u>	3 - 4 hours
<u>6</u>	4 or more hours

8. Does this vary with the age of the children?

Yes . . . 1 No . . . 2

9. If yes, how does this vary?

10. Does this vary with the time of year?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q12)

11. If yes, how does this vary?

12. We know this is not possible in many centers, but have any efforts been made to schedule outdoor play time in such a way that sun exposure is reduced?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q14)

13. If yes, describe.

14. Are any efforts made to encourage children to play in the shade?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q16)

15. If yes, describe.

16. (If Center has infants less than 6 months of age) Please describe the routine when infants are taken outside. (Where are they placed-shade vs. sun; amount of time; protective covering; etc.)

17. Please describe the typical clothing worn by the children on sunny days.

18. Please estimate the proportion of children who wear . . . outside in sunny weather during the summer:

19a. Hats _____ %

19b. Long sleeve shirts _____ %

19c. Long pants _____ %

19. Do you make any efforts to encourage parents to bring sun protective clothing or hats?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q22)

20. If yes, what?

21. If yes, How responsive have parents been to this request?

22. What is your center's usual practice regarding the use of clothing or hats for protection from the sun? (IF NONE, SKIP TO Q28)

23. How long have you been doing this? _____

24. Do you require that any sun protective clothing or hats be worn?

Yes . . . 1 No . . . 2

25. How well is this followed by staff?

26. Is anything preventing staff from following this?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q28)

27. If yes, what?

28. Does your center have a written policy regarding the use of clothing of hats for protection from the sun?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q32)

29. If yes, What is the policy?

30. How long have you had this policy? _____

31. Could we obtain a copy?

Yes (attached) 1

Yes (will send) . . . 2

No 3

IF CENTER HAS A WRITTEN PROTECTIVE CLOTHING POLICY (Q28) SKIP TO Q35

32. Has your center ever considered introducing a written policy regarding use of clothing or hats for protection from the sun?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q34)

33. (If yes) Why did the center not adopt a policy?

34. Do you think that your center should have a written policy regarding use of clothing or hats?

Yes . . . 1 No . . . 2

35. Is sunscreen ever used on the children at your center?

Yes . . . 1 No . . . 2

IF NO, SKIP TO Q62

IF YES, CONTINUE.

36. Who supplies the sunscreen?

school . . . 1 parent . . . 2 other . . . 3 (Describe) _____

37a. Who puts the sunscreen on? (CIRCLE ALL THAT APPLY)

staff . . . 1 parent . . . 2 child . . . 3

other . . . 4 (Describe) _____

(IF PARENT ONLY, SKIP TO Q60)

37b. Must a parent specifically request that sunscreen be applied in order for it to be used by the staff?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q38)

37c. If yes, Is this request made on a daily basis or over some other time frame?

38. On a routine basis, do you or your staff ask parents who have not requested it if it is O.K. to put sunscreen on their child?

Yes . . . 1 No . . . 2

39. If sunscreen is supplied by parent,

What proportion of parents have brought sunscreen to your center? _____%

40. Do you make any efforts to encourage parents to bring sunscreen in?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q43)

41. If yes, please explain

42. How responsive have parents been to this request?

43. Who decides whether or not to apply sunscreen on a particular day? (CIRCLE ALL THAT APPLY)

director . . . 1 caregiver . . . 2 teacher . . . 3
parent 4 child 5
other. 6 (Describe) _____

44. If staff apply sunscreen:

How often do staff apply sunscreen (every day vs. less often; how many times a day)?

45. When during the day is the sunscreen applied (time of day and number of hours prior to going out in the sun)?

46. What parts of the child's body do you put sunscreen on? CHECK ALL THAT APPLY.

Face _____

Arms if exposed _____

Legs if exposed _____

Neck _____

Other (specify) _____

47a. About how long does it take to put sunscreen on a group of children?

47b. How many children are in a group? _____

48. Do you apply sunscreen to children year-round?

Yes . . . 1 No . . . 2

49. If no, when do you not apply it?

50. Do you apply sunscreen only on sunny days?

Yes . . . 1 No . . . 2

51. On a sunny day, do you apply sunscreen:

always . . . 1 sometimes . . . 2 rarely . . . 3 never . . . 4

52a. Do you apply sunscreen only on special occasions such as field trips?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q53)

52b. If yes, Explain:

53. If the children are only going to be outside for a short amount of time, do you apply sunscreen?

Yes . . . 1 No . . . 2

54. What do you consider to be a short amount of time?

55. When a new staff member is being trained, is sunscreen use part of the training?

Yes . . . 1 No . . . 2

56a. Do you require written permission for sunscreen application?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q56C)

56b. If yes, who's permission is needed?

doctor . . . 1 parent . . . 2 both . . . 3

56c. Do you require that any sunscreen be worn?

Yes . . . 1 No . . . 2

57. For how long have these been your practices regarding the use of sunscreen? _____

58. How well are these practices followed by staff?

59a. Is anything preventing staff from following these practices?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q60)

59b. If yes, what?

60. Please estimate the proportion of children who wear sunscreen on sunny days.
_____%

61. Please estimate the proportion of days in the summer that sunscreen is used.
_____%

62. Are you aware of any regulations from the Department of Social Services regarding sunscreen use at child care centers?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q64)

63. If yes, what are they?

64. What kinds of things prevent your center from using sunscreen more often?

65. Does your center have a written policy regarding the use of sunscreen?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q69)

66. If yes,

What is the policy?

67. How long have you had this policy? _____

68. Could we obtain a copy?

Yes (attached) 1
Yes (will send) 2
No 3

IF CENTER HAS A SUNSCREEN POLICY (Q64) SKIP TO Q73A.

69. If no policy, Is there any particular reason that you do not have a written policy on sunscreen use at your center?

70. Has your center ever considered introducing a written policy regarding sunscreen use?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q72)

71. Why did your center not adopt a policy?

72. Do you think that your center should have a written policy regarding sunscreen use?

Yes . . . 1 No . . . 2

73a. Have you made any other efforts-to protect children from the sun that we haven't discussed?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q74A)

73b. If yes, what?

73c. Do you have a policy regarding this?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q74A)

73d. If yes, What is included in the policy? _____

74a. Do you ever talk to parents about sun protection?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q74C)

74b. If yes, please describe _____

74c. Have you ever distributed materials to parents regarding sun protection?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q74E)

74d. If yes, Describe materials and when _____

74e. Has your center been involved in any other programs related to sun protection?

Yes . . . 1 No . . . 2 (IF NO, SKIP TO Q75)

74f. If yes, Describe program and when _____

75. If a child comes to your center with a sunburn, do you respond in any special way?
(Describe) _____

76. How serious do you believe that prolonged exposure to the sun is to children?
Would you say . . .

- Not at all serious 1
- Not very serious 2
- Somewhat serious, or 3
- Very serious? 4

77. We're interested in the kinds of things that interfere with efforts to protect children from the sun at centers such as yours. I'm going to read a list of things that may interfere, and I'd like you to say whether they are very likely, somewhat likely, not very likely, or not at all likely to interfere with sun protection at your center. (SHOW RESPONSE CARD.)

	<u>Very Likely</u>	<u>Somewhat Likely</u>	<u>Not Very Likely</u>	<u>Not at All Likely</u>
a. Lack of compliance by child	1	2	3	4
b. Lack of interest and support from parents	1	2	3	4
c. Lack of support from staff	1	2	3	4
d. Lack of time for teachers to apply/reapply sunscreens, chase hats, etc.	1	2	3	4
e. Peer influence among children	1	2	3	4
f. cost	1	2	3	4
g. Lack of a firm policy	1	2	3	4
h. Lack of adequate shade	1	2	3	4
i. Forgetting	1	2	3	4
j. Anything else? _____ _____	1	2	3	4
k. Which of these is most likely to prevent sun protection? (SHOW CARD.) _____				

78. If you had unlimited resources, what would you like to do at your center to protect the children from the sun?

79. If your center were to develop a more comprehensive sun protection policy, how likely it is that the staff would follow it? Would you say . . .

- Very likely 1
- Somewhat likely 2
- Not very likely, or 3
- Not at all likely? 4

80. To what extent do you believe that you can help to protect the children at your center from prolonged exposure to the sun? Would you say . . .

- I can't help 1
- I can be somewhat helpful, or 2
- I can be very helpful? 3

81. How confident are you that you can improve the sun protection at your center? Are you...

- Very confident 1
- Somewhat confident 2
- Not too confident, or 3
- Not at all confident that you can improve the sun protection at your center? 4

82. In general, does your staff think skin cancer is a serious disease? Would you say they think it is....

- Not at all serious 1
- Not very serious 2
- Somewhat serious, or 3
- Very serious? 4
- DON'T KNOW 7

83. In general, how important does your staff think it is to protect the children's skin from the sun? Would you say they think it is . . .

- Very important 1
- Somewhat important 2
- Not too important, or 3
- Not at all important? 4
- DON'T KNOW 7

84. Sun can reflect off of some surfaces, resulting in increased intensity of sun exposure. I would like you to rank the following surfaces according to the amount of sun you think they reflect. (Rank 1 = most reflective; rank 5 = least reflective) SHOW CARD.

grass ____ water ____ snow ____ sand ____ concrete ____

85. Can you tell me what the SPF rating on a sunscreen bottle means?

86. To the best of your knowledge, over the last 10 years would you say the number of people getting skin cancer has...

increased 1
decreased 2
stayed about the same, or 3
are you not sure? 7

87. To the best of your knowledge, is the percentage of people getting skin cancer in Colorado...

about the same as the national average . . 1
less than the national average 2
more than the national average, or 3
are you not sure? 7

Other information

Now I would like to get some information to help us schedule the workshops for this project. The workshops will be about 3-4 hours long, and the more staff members that can come from your center, the better.

88. I would like you to tell me which of these times would be best for the workshops?
(SHOW CARD.)

_____ weekday morning

_____ weekday afternoon

_____ weekday evening

_____ weekend morning

_____ weekend afternoon

Would any of the times be particularly bad?

89. Who from your center would come to the workshop? The more that can come, the better.

90. What could we do to encourage as many staff as possible to attend? (WAIT FOR ANSWER, THEN...) Would any of the following help?

a. Offer some sort of certificate/credit

b. Provide food

c. Other

d. Are there any things you as the director could do to encourage attendance?

91. We may hold the workshops at AMC Cancer Research Center in Lakewood (near 6th Avenue and Wadsworth). Would this location be convenient for you?

Yes 1 No 2

Comments: _____

92. Would it be possible to hold a workshop at your center and invite other centers to participate?

Yes 1 No 2

Now, I just have a few questions about the staffing at your center.

93. How many staff members are there, and can you tell me, their titles?

<u>Title</u>	<u>Number</u>	<u>Certificate, etc.</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

94. How many different groups (rooms) of children are there?

95. Do the staff members have any type of certificates or training in child care or early childhood education?

Yes 1 No 2 (IF NO, SKIP TO Q97)

96. If yes, (referring to Q93) which staff members have training and what type?
RECORD IN Q93.

97. We are interested in your staff turnover. Each year, about what proportion of your staff leave and are replaced? _____%

98. How long is the average, staff member at your center?

99. Is your center accredited by any organization?

Yes . . . 1 No . . . 2

If yes, Explain:

Now, I'd like to observe the children playing outside for about 30 minutes to get an idea of how much sun they're getting. First, could you show me where sunscreen is kept? (RECORD ON OBSERVATION FORM)

CHECKLIST

- _____ Completed Part A (self-administered)
- _____ Completed Part B (interview)
- _____ Received any relevant written policies.
- _____ Received set of enrollment materials.

Thank you very much for your time. You probably won't hear from us, until next January or February when we schedule the workshops.

If you have any questions between now and then, please feel free to call us at AMC.

EXAMPLE

Daycare Center/Preschool Observation Form

ID #: _____
Day Care/Preschool Name: _____
Date & Time Observed: _____
Total # of Children Outside: _____
Description of Weather: _____

OBSERVATIONS:

1. Where is the sunscreen kept?
2. Is the sunscreen readily accessible?
3. Are there separate sunscreen containers with children's names on them? Y N
If not, how is the sunscreen separated for use?
4. What is the SPF rating on the sunscreen containers?

6. Did you observe sunscreen being applied? Y N
(If no opportunity to observe, state this.)

7. If yes, what proportion of children had sunscreen applied?

What portions of their bodies were covered with sunscreen and how thoroughly were these portions covered?

9. Were any posters or signs posted to remind caregivers or parents to protect children from the sun? Y N

10. If yes, where were they posted and how many? What did they say/show?

11. General description of outdoor play area:

12. How much shade (% of total play area) is there in the play area from:

- a. trees _____ %
- b. porches _____ %
- c. other _____ ? _____ %

13. What activities (toys, equipment) are stationed in the shade?

14. Did the children gather around the teachers?

15. Are there organized group activities outside? Are they in the sun or in the shade?

16. Notes:

INSTRUCTIONS FOR OBSERVATION TABLES ON THE FOLLOWING PAGES:

1. Select six children by picking the third or fourth child when scanning from left to right. Also record the total number of children on the playground.
2. Record identification features. Provide approximate age (or ask) and sex.
3. Make 5 ratings of each child at 5-6 minute intervals according to coding sheets.
4. Repeat this procedure for two of the teachers in the play area with the children.

Child # Identification Features Age/Sex	Observation #	Time	Sun Exposure	Head Protection	Arm Protection	Leg Protection	Foot Protection
			+ / + + / + + +	+ / + + / + + +	+ / + + / + + +	+ / + + / + + +	+ / + + / + + +
	1						
	2						
	3						
	4						
	5						
	1						
	2						
	3						
	4						
	5						
	1						
	2						
	3						
	4						
	5						

Child # Identification Features Age/Sex	Observation #	Time	Sun Exposure	Head Protection	Arm Protection	Leg Protection	Foot Protection
			+ / + + / + + +	+ / + + / + + +	+ / + + / + + +	+ / + + / + + +	+ / + + / + + +
	1						
	2						
	3						
	4						
	5						
	1						
	2						
	3						
	4						
	5						
	1						
	2						
	3						
	4						
	5						

Key

Sun Exposure:

- + Shade
- ++ Partial Sun
- +++ Sun

Head Protection:

- + No Hat
- ++ Hat with small rim
- +++ Hat with neck flap/large rim

Arm Protection:

- + No sleeves
- ++ Short sleeves
- +++ Long sleeves

Leg Protection:

- + No leg covering (diapers or onesies)
- ++ Short pants
- +++ Long pants

Foot Protection:

- + No shoes
- ++ Sandles
- +++ Shoes



Y 2 9 5