### The Chicago Food Allergy Research Surveys for Parents of Children with Food Allergy

The following survey is part of a study being conducted by researchers at Children's Memorial Hospital and Northwestern University Feinberg School of Medicine in Chicago, Illinois. The goal of this survey is to assess the knowledge, attitudes and beliefs around food allergy of **parents of children with food allergies**.

Before beginning the survey, please answer the following questions:

- Do you have at least <u>one child under the age of 18</u> with a food allergy that has been <u>diagnosed by a</u> <u>doctor</u>?
  - □ Yes
  - 🗖 No

We're sorry, but you are not eligible for this survey. Thank you for your interest.

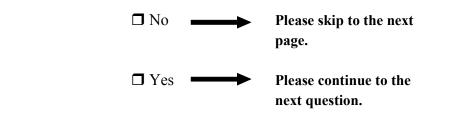
- 2. Are you a member of a food allergy support group? □ Yes □ No
- In which state do you live?
   State: \_\_\_\_\_\_

#### Please mark one box for each statement.

			<u>TRUE</u>	<u>FALSE</u>	<u>I DON'T</u> KNOW	
1.	Food allergy involves the immune system.					
2.	The only way to know that your child is allergic to medical test.	a food is with a				
3.	Eczema may be the first sign of having a food alle	rgy.				
4.	Asthma is an important risk factor for severe anapl	hylaxis.				
5.	Foods eaten by a mother can be passed to her child her breast milk.	l through				
6.	Food additives (like citric acid, colorings, starch) a food allergens.	are common				
7.	Teenagers are at higher risk for fatal food allergy of younger children.	compared to				
8.	Taking a daily antihistamine (like Benadryl or Cla food allergy reactions.	ritin) can prevent				
9.	Which of the following contain food ingredients the allergic reaction? Mark <u>all</u> that apply.	nat could cause an	<ul><li>Play-dol</li><li>Medicin</li></ul>		<ul><li>Toothpaste</li><li>Lotions &amp; crea</li></ul>	ms
10.	A boy with a milk allergy accidentally drank some milk. Please mark which of the following could be a sign of a food allergy reaction. Mark <u>all</u> that apply.	<ul> <li>After 2 days he gets h</li> <li>After 1 hour he has hi</li> <li>Immediately his tongu</li> <li>He has a stuffy nose the statement of the statement of</li></ul>	ves on his fac ue swells and	e and chest he has trouble	e breathing	
11.	Which of the following are the <u>three</u> most common allergies in children? Mark three answers.	<ul><li>Egg</li><li>Wheat</li><li>Milk</li></ul>		S (almonds, wai A (shrimp, lobste	lnuts, pecans, cashews) er, crab)	
12.	Which age group is the most likely to have food allergies?	□ 0 - 5 years □ 6 - 10 years	<ul><li>I 11 years</li><li>I don't k</li></ul>			
13.	What percent of children with <u>milk</u> allergies develop tolerance (or outgrow the allergy)?	<ul> <li>Less than 1%</li> <li>Between 1 - 25%</li> <li>Between 26% - 50%</li> </ul>	<ul> <li>Between</li> <li>Greater</li> <li>I don't k</li> </ul>			
14.	What percent of children with <u>peanut</u> allergies develop tolerance (or outgrow the allergy)?	<ul> <li>Less than 1%</li> <li>Between 1 - 25%</li> <li>Between 26% - 50%</li> </ul>	<ul> <li>Between</li> <li>Greater</li> <li>I don't k</li> </ul>			
15.	Where is the best place to use an EpiPen or Twinject (injectable epinephrine)?	<ul><li>Upper arm</li><li>Outer thigh</li></ul>	<ul><li>Buttock</li><li>I don't k</li></ul>	now		

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#### Do your have a significant other, such as a spouse or partner?



How does having a child with food allergy affect your relationship with your husband, wife, boyfriend, girlfriend, or partner? **Please mark one box for each statement.** 

	<u>Strongly</u> Disagree	<u>Disagree</u>	<u>Neither</u> <u>Agree nor</u> <u>Disagree</u>	<u>Agree</u>	<u>Strongly</u> <u>Agree</u>	<u>Does</u> Not Apply
16. My child's food allergy causes a strain on m marriage/relationship.	<sup>у</sup>					
17. He/she and I do not agree on how to take can of our child's food allergy.	e					
18. I pay more attention than him/her in keeping our child away from the allergenic food(s).						
19. I worry more than him/her about our child's food allergy.						
20. He/she thinks that I exaggerate the seriousness of our child's food allergy.						
21. His/her career has suffered because of our child's food allergy.						

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#### Please mark one box for each statement.

	<u>Strongl</u> Disagre		<u>Neither</u> Agree nor	<u>Agree</u>	<u>Strongly</u> Agree	<u>Does</u> Not Apply
22. I have relatives who do not accommodate m child's food allergy.						
23. My child's friends treat my child differently because of his or her food allergy.						
24. I have experienced hostility from parents of children without food allergies when I have asked them to make accommodations for my child's food allergy.						
25. The way <u>I</u> deal with my child's food allergy affects the way <u>my child</u> deals with his or he own food allergy.						
26. Having a child with a food allergy affects my other children's daily lives.						
27. Having a child with a food allergy causes money problems for my family.						
28. My career has suffered because of my child food allergy.	's □					
29. I have been frustrated because different doc have told me different things about my child food allergy.						
30. Most people know the symptoms of food allergy.						
31. Most people take food allergy seriously.						
32. Have you or your significant other made can changes becuase of your child's food allergy Mark <u>all</u> that apply.		□ Yes, I have □ No	🗖 Yes, my si	gnificant o	ther has	
33. Have you or your significant other chosen n work outside the home because of your child food allergy? Mark <u>all</u> that apply.		□ Yes, I have □ No	<ul><li>Yes, my si</li><li>Not application</li></ul>	0	ther has	

> <u>Please continue to the next page.</u>

#### Please mark one box for each statement.

	<u>Strongly</u> Disagree	<u>Disagree</u>	<u>Neither</u> <u>Agree nor</u> <u>Disagree</u>	<u>Agree</u>	<u>Strongly</u> <u>Agree</u>
34. I feel confident that the staff in my child's school or daycare is knowledgeable in the management of food allergy emergencies.					
35. Children with food allergies should be allowed to carry an EpiPen or Twinject with them at school.					
36. In schools, an EpiPen or Twinject should be kept only in nurse's offices.					
37. Schools should ban all products with nuts.					
38. Schools should have an adult with experience or training in food allergy always available during lunch periods, parties, and field trips.					
39. Food labeling laws have decreased the choice of foods that my child can eat.					
40. More government money should go toward research about food allergy.					
41. Which of the following do you think is the most important to help people with food allergies?	<ul><li>Improv</li><li>Identify</li><li>Promot</li></ul>	the causes of f e school educat	s of food allergy		
42. Which of the following resources have you used for food allergy education or support? Mark <u>all</u> that apply.	<ul> <li>Food A</li> <li>Internet **Like</li> <li>Govern **Like Control Disease</li> <li>Local s</li> </ul>	llergy & Anaph /websites www.foodaller ment agencies Food and Drug (CDC), or Nat (NIAID) upport groups f the above	Pediatrics (AAF nylaxis Network gyproject.com of Administration ional Institute of	(FAAN) r <u>www.webmd.</u> (FDA), Center	rs for Disease

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### Please tell us about yourself.

1.	What is your gender?	Male	🗖 Female	e	
2.	What is your race/ethnicity? Mark <u>all</u> that apply.	White African Americ Hispanic or Lat Asian Other:	ino		
3.	What is your current marital status?	Married	Divorced	🗖 Si	ingle
4.	What is the highest education level you have completed?	Less than high s High school 2 year college		<ul><li>4 year co</li><li>Graduate</li></ul>	
5.	Which of the following categories best represents the <u>combined income for all</u> <u>family members in your household</u> for the past 12 months before taxes?	Less than \$25,0 \$25,000 - \$49,9 \$50,000 - \$99,9	99 🖸		0 - \$199,999 0 - \$299,999 0 or more
6.	How many children do you have under the age of 18?	1 🗖 2	□ 3	□ 4	□ 5 or more
7.	Do you currently live in the same household as your food-allergic child(ren)?	Yes			ow often you see your: en):
8.	In the past 12 months, how many times have you spoken with a <b><u>pediatrician</u></b> during an office visit or by telephone about your child's food allergy?	0 times 1-2 times 3-5 times	<ul> <li>6-9 times</li> <li>10-12 tim</li> <li>More that</li> </ul>	nes	
9.	In the past 12 months, how many times have you spoken with an <u>allergist</u> during an office visit or by telephone about your child's food allergy?	0 times 1-2 times 3-5 times	<ul> <li>6-9 times</li> <li>10-12 tim</li> <li>More that</li> </ul>	nes	
10.	In the past 12 months, have you had to visit the emergency room (ER) for your child's food allergy?	Yes, number of	times:	🗖 No	

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	<u>CHILD #1</u>	<u>CHILD #2</u>	<u>CHILD #3</u>	CHILD #4
1. How old is your child?	years months	years months	years months	years months
2. What is his/her gender?	<ul><li>Male</li><li>Female</li></ul>	<ul><li>Male</li><li>Female</li></ul>	<ul><li>Male</li><li>Female</li></ul>	<ul><li>Male</li><li>Female</li></ul>
3. What is his/her race/ethnicity? Mark <u>all</u> that apply.	<ul> <li>White</li> <li>Black or African American</li> <li>Hispanic or Latino</li> <li>Asian</li> <li>Other:</li> </ul>	<ul> <li>White</li> <li>Black or African American</li> <li>Hispanic or Latino</li> <li>Asian</li> <li>Other:</li> </ul>	<ul> <li>White</li> <li>Black or African American</li> <li>Hispanic or Latino</li> <li>Asian</li> <li>Other:</li> </ul>	<ul> <li>White</li> <li>Black or African American</li> <li>Hispanic or Latino</li> <li>Asian</li> <li>Other:</li> </ul>
4. Does he/she have any of the following? Mark <u>all</u> that apply.	<ul> <li>Eczema</li> <li>Asthma</li> <li>Environmental Allergies</li> <li>None of the above</li> </ul>	<ul> <li>Eczema</li> <li>Asthma</li> <li>Environmental Allergies</li> <li>None of the above</li> </ul>	<ul> <li>Eczema</li> <li>Asthma</li> <li>Environmental Allergies</li> <li>None of the above</li> </ul>	<ul> <li>Eczema</li> <li>Asthma</li> <li>Environmental Allergies</li> <li>None of the above</li> </ul>
5. Has he/she <u>ever</u> been diagnosed with food allergy?	<ul> <li>Yes</li> <li>No**</li> <li>**Please skip the remaining questions in the column "<u>Child #1</u>"</li> </ul>	<ul> <li>Yes</li> <li>No**</li> <li>**Please skip the remaining questions in the column "<u>Child #2</u>"</li> </ul>	<ul> <li>Yes</li> <li>No**</li> <li>**Please skip the remaining questions in the column "<u>Child #3</u>"</li> </ul>	<ul> <li>Yes</li> <li>No**</li> <li>**Please skip the remaining questions in the column "<u>Child #4</u>"</li> </ul>
6. Has he/she ever experienced anaphylaxis?	□ Yes □ No	<ul><li>Yes</li><li>No</li></ul>	<ul><li>Yes</li><li>No</li></ul>	<ul><li>Yes</li><li>No</li></ul>
7. Has he/she outgrown any food allergies?	<ul> <li>No</li> <li>Yes, please list:</li> <li></li></ul>	<ul> <li>No</li> <li>Yes, please list:</li> </ul>	<ul> <li>No</li> <li>Yes, please list:</li> </ul>	<ul> <li>No</li> <li>Yes, please list:</li> </ul>

Please tell us about your children under the age of 18.

> <u>Please continue to the next page.</u>

Please tell us about your children under the age of 18 with a physician-diagnosed food allergy.

	CHILD #1	CHILD #2	CHILD #3	CHILD #4
8. Does your child have a <u>current</u>	<ul> <li>Yes</li> <li>No**</li> </ul>	□ Yes No**	□ Yes □ No**	□ Yes No**
physician- diagnosed food allergy?	**Please skip the remaining questions in the column " <u>Child #1</u> "	**Please skip the remaining questions in the column " <u>Child #2</u> "	**Please skip the remaining questions in the column " <u>Child #3</u> "	**Please skip the remaining questions in the column " <u>Child #4</u> "
9. To which foods is	Food #1:	Food #1:	Food #1:	Food #1:
ne/sne <u>CURRENTLY</u> allergic?	<ul><li>☐ Has had a reaction to this food</li><li>☐ An allergy to this food has</li></ul>	<ul><li>Has had a reaction to this food</li><li>An allergy to this food has</li></ul>	<ul> <li>☐ Has had a reaction to this food</li> <li>☐ An allergy to this food has</li> </ul>	<ul> <li>☐ Has had a reaction to this food</li> <li>☐ An allergy to this food has</li> </ul>
Please provide the	been diagnosed by a doctor Caracterian Strictly avoiding this food	been diagnosed by a doctor Strictly avoiding this food	been diagnosed by a doctor Strictly avoiding this food	been diagnosed by a doctor
your child is allergic to and select the	Food #2:	Food #2:	Food #2:	Food #2:
statements that apply to that food.	☐ Has had a reaction to this food	☐ Has had a reaction to this food	☐ Has had a reaction to this food	□ Has had a reaction to this food
5	☐ An allergy to this food has been diagnosed by a doctor	□ An allergy to this food has been diagnosed by a doctor	☐ An allergy to this food has been diagnosed by a doctor	☐ An allergy to this food has been diagnosed by a doctor
	□ Strictly avoiding this food			
	Food #3:	Food #3:	Food #3:	Food #3:
	□ Has had a reaction to this food	□ Has had a reaction to this food	☐ Has had a reaction to this food	□ Has had a reaction to this food
	□ An allergy to this food has been diagnosed by a doctor	□ An allergy to this food has been diagnosed by a doctor	☐ An allergy to this food has been diagnosed by a doctor	☐ An allergy to this food has been diagnosed by a doctor
	□ Strictly avoiding this food	Strictly avoiding this food	□ Strictly avoiding this food	□ Strictly avoiding this food
	Food #4:	Food #4:	Food #4:	Food #4:
	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Christly avoiding this food</li> </ul>	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Christly avoiding this food</li> </ul>	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>

Please tell us about your children under the age of 18 with a physician diagnosed food allergy (continued).

CHILD #4 Food #5:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #6:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #7:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #8:	□ Has had a reaction to this food	□ An allergy to this food has been diagnosed by a doctor	□ Strictly avoiding this food
CHILD #3 Food #5:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #6:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #7:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #8:	$\Box$ Has had a reaction to this food	☐ An allergy to this food has been diagnosed by a doctor	□ Strictly avoiding this food
CHILD #2 Food #5:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #6:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #7:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #8:	□ Has had a reaction to this food	□ An allergy to this food has been diagnosed by a doctor	□ Strictly avoiding this food
CHILD #1 Food #5:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #6:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #7:	<ul> <li>Has had a reaction to this food</li> <li>An allergy to this food has been diagnosed by a doctor</li> <li>Strictly avoiding this food</li> </ul>	Food #8:	$\square$ Has had a reaction to this food	□ An allergy to this food has been diagnosed by a doctor	□ Strictly avoiding this food
9. To which foods	are your children <u>CURRENTLY</u> allergic? (continued) <i>Please provide the</i> <i>name of each food</i>	your child is allergic to and select the statements that annly							

 $<sup>\</sup>sim$  Thank you! You have completed this survey.  $\sim$