

## PEANUT ALLERGY

INFOGRAPHIC: BY THE NUMBERS

## PEANUT ALLERGY IN CHILDREN IS MORE COMMON TODAY THAN EVER BEFORE<sup>1</sup>

1/5

Nearly 1 in every 5 peanut allergic children in the U.S. visit the ER following an allergic reaction to peanut<sup>2</sup> **1.6**m

More than 1.6 million children and teens in the U.S. are allergic to peanuts<sup>3,4</sup>

8/10

8 out of 10 kids never outgrow their peanut allergy<sup>5</sup>

## PEANUT IS A COMMON FOOD INGREDIENT MAKING STRICT AVOIDANCE DIFFICULT<sup>6</sup>



80% of adolescents aged 13-17 from an online survey responded they had at least a fair chance of having a severe reaction if they ate something to which they are allergic<sup>7</sup>



60% of children with peanut allergy encountered an accidental exposure over the course of 5 years<sup>8</sup>



60% of adolescents aged 13-17 from an online survey believed they had a risk of dying if they ate something to which they are allergic<sup>7</sup>



66% of adolescents aged 13-17 from an online survey felt they would not be able to manage an allergic reaction effectively<sup>7</sup>

## ORAL IMMUNOTHERAPY IS A MEDICAL THERAPY THAT HELPS DESENSITIZE AN INDIVIDUAL TO SPECIFIC FOOD ALLERGENS<sup>9</sup>

**Immunotherapy** (including allergy shots) has been the backbone of allergy practice for more than a century<sup>9</sup>

Studies of peanut, egg and milk oral immunotherapy have shown desensitization in approximately 60-80% of patients<sup>10</sup>

60%-80%

<sup>1</sup>FACTS AND STATISTICS: Food Allergy Research and Education (FARE). https://www.foodallergy.org/life-with-food-allergies/food-allergy.101/facts-and-statistics. Accessed December 19, 2019. <sup>2</sup> Gupta RS, Warren CM, Smith BM, et al. The public health impact of parent-reported childhood food allergies in the United States. Pediatrics. 2018;142(6):e20181235. <sup>3</sup> United States Census Bureau Quick Facts (2015 estimates). <sup>4</sup> Gupta R, Warren C, Blumenstock J, et al. OR078 The Prevalence of Childhood Food Allergy in the United States: An Update. Ann Allergy Asthma Immunol. 2017;119(5 Suppl):S11. <sup>5</sup> M, Sampson H. 48 - Management of Food Allergy. Pediatric Allergy: Principles and Practice (Third Edition), 2016, pages 420-429. <sup>6</sup> "Peanut and Tree Nut Allergy." Food Allergy: Molecular Basis and Clinical Practice, by Motohiro Ebisawa et al., Karger, 2015, pp. 131–143. <sup>7</sup> Birchwood C, Hass SL, Robison DR, et al. Real-world experience of peanut-allergic adolescents in the United States: health-related concerns and resource utilization for peanut allergy. Poster presented at ISPOR 2019. May 18-22, 2019; New Orleans, LA. <sup>8</sup> Vander Leek TK et al., J Pediatr. 2000; 137: 749-55 <sup>9</sup> Immunotherapy Can Provide Lasting Relief; AAAAl. https://www.aaaai.org/conditions-and-treatments/library/allergy-library/immunotherapy-can-provide-lasting-relief. Accessed December 19, 2019. <sup>10</sup> The Current State of Oral Immunotherapy: AAAAl. https://www.aaaai.org/conditions-and-treatments/library/allergy-library/oit. Accessed December 19, 2019.