# Food Allergy Facts and Figures 

## What Is a Food Allergy?

- A food allergy occurs when the body's immune system sees a certain food as harmful and reacts by causing symptoms. This is an allergic reaction.
- Foods that cause allergic reactions are called allergens.
- Allergic reactions can involve the skin, mouth, eyes, lungs, heart, gut, and brain.
- Mild and severe symptoms can lead to a serious allergic reaction called anaphylaxis [anna-fih-LACK-sis]. This reaction usually involves more than one part of the body and can worsen quickly.
- Anaphylaxis must be treated right away with epinephrine to provide the best chance for improvement and prevent serious, potentially life-threatening complications.


## How Common Are Food Allergies?

- About 32 million people have food allergies in the U.S. ${ }^{1,2}$
- About 26 million (10.8\%) U.S. adults have food allergies. ${ }^{1}$
- About 5.6 million ( $7.6 \%$ ) U.S. children have food allergies. ${ }^{2}$
- In 2018, 4.8 million ( $6.5 \%$ ) children under 18 years of age had food allergies over the previous 12 months. ${ }^{3}$
- In 2018, 6\% of Black and Hispanic children had food allergies over the previous 12 months, compared to $6.6 \%$ of white children. ${ }^{3}$
- Food allergy has increased among U.S. children over the past 20 years, with the greatest increase in Black children. ${ }^{4}$
- Children with food allergies are two to four times more likely to have asthma or other allergic diseases. ${ }^{5}$


## What Are the Most Frequent Food Allergens?

- Nine foods cause most food allergy reactions in the United States: ${ }^{6}$
- Milk
- Egg
- Peanut
- Tree nut (for example, almonds, walnut, pecans, cashews, pistachios)
- Wheat
- Sesame
- Soy
- Fish (for example, bass, flounder, cod)
- Shellfish (for example, crab, shrimp, scallop, clams)
- Sesame is a rising food allergy. It impacts an estimated 1 million people in the United States. ${ }^{7}$ It was declared a major allergen in the United States in 2021.

What Is Anaphylaxis?

- Anaphylaxis is a severe, potentially life-threatening allergic reaction. Not all allergic reactions are anaphylaxis. ${ }^{8}$
- Symptoms of anaphylaxis usually involve more than one part of the body such as the skin, mouth, eyes, lungs, heart, gut, and brain.
- Symptoms of anaphylaxis can include:
- Skin: hives (often very itchy), flushed skin, or rash
- Mouth: swelling of the lips, tongue, and throat; tingling or itchy feeling in the mouth
- Lungs: shortness of breath, trouble breathing, coughing, or wheezing
- Heart: dizziness, lightheadedness, loss of consciousness, low blood pressure, shock ${ }^{6}$
- Stomach: cramps, vomiting, diarrhea ${ }^{6}$
- Each year in the U.S., it is estimated that anaphylaxis to food results in 90,000 emergency room visits. ${ }^{8}$


## How Are Food Allergies Managed and Treated?

- Although new treatments are being developed, there is currently no cure for food allergies. ${ }^{6}$
- Not eating the food allergen is the primary way to prevent a reaction. ${ }^{6}$
- People with food allergies should carefully read food ingredient labels and always ask about ingredients before eating food prepared by other people. ${ }^{6}$
- Epinephrine is the first line of treatment for anaphylaxis. ${ }^{9}$
- People with food allergies should always have epinephrine with them. ${ }^{9}$
- If a person is having anaphylaxis, they should:
- Follow their Anaphylaxis Action Plan
- Use their epinephrine
- Get emergency medical care to ensure symptoms resolve ${ }^{10}$


## Are Food Allergies Outgrown?

- Milk, egg, wheat, and soy allergies are often outgrown. Most people do not outgrow peanut, tree nut, fish, and shellfish allergies. ${ }^{11}$

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