FOODBORNE ILLNESS OUTBREAKS SINCE ENACTMENT OF FSMA (JANUARY 4, 2011)

2011

- Total illnesses: 779
- Most states impacted during a single outbreak: 34 Sources:

Ground Beef, Romaine Lettuce, Kosher Broiled Chicken Livers, Turkish Pine Nuts, Cantaloupes, Ground Turkey. Whole. Fresh Imported Papayas, Alfalfa and Spicy Sprouts, Turkey Burgers, Lebanon Burgers, Hazelnuts

JANUARY 4, 2011 FSMA ENACTED

2012

- Total illnesses: 1071
- Most states impacted during a single outbreak: 28
- Sources:

Spinach and Spring Mix, Peanut Butter, Ricotta Salata Cheese, Mangoes, Cantaloupes, Ground Beef, Raw Scraped Ground Tuna Product, Raw Clover Sprouts, Mexican Style Restaurant Chain

2013

- Total illnesses: 1861
- Most states impacted 29+PR
- Sources:

Ready-to-Eat Salads, Chicken, Raw Shellfish. Fresh Produce. Cheese, Pomegranite Seeds, Tahini Sesame Paste, Cucumbers. Frozen Food Products, Chicken, Ground Beef

2014

- Total illnesses: 841
- Most states impacted during a single outbreak: during a single outbreak: 19
 - Sources:

Cucumbers, Prepackaged Caramel Apples, Bean Sprouts, Cheese, Cilantro, Nut Butter, Organic Sprouted Chia Powder, Raw Clover Sprouts, Ground Beef, Dairy Products. Chicken. Raw Cashew Cheese

DEADLINE

2015

- Total illnesses: 1857
- Most states impacted 40
- Sources:

Raw Nut Butter Spreads, Rotisserie Chicken Salad, Chipotle. Soft Cheeses. Cucumbers, Pork. Frozen, Chicken Entrees, Frozen Raw Tuna. Ice Cream

2016

- Total illnesses: 1048
- Most states impacted 25

Organic Shakes and Meals,

Sources:

Shell Eggs, Beef Products, Frozen Strawberries. Frozen Scallops. Flour, Frozen Vegetables, Raw Milk, Pistachios. Alfalfa Sprouts,

Packaged Salads

2017

- Total illnesses: 1381
- Most states impacted during a single outbreak: during a single outbreak: during a single outbreak:
 - Sources:

Leafy Greens, Maradol Papayas, Soft Raw Milk Cheese, I.M. Healthy SoyNut Butter

OCTOBER 4, 2011

- · NPRM for on-farm activities
- Final regulations due nine months after close of comment period



JANUARY 4, 2012

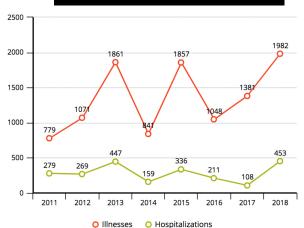
- Final regulations for foreign supplier verification program NPRM for produce safety standards
- Final regulations due 1 year after close of comment period
- · Designation of high-risk foods

JULY 4, 2012

Final regulations for:

- · Protection against intentional adulteration
- Sanitary transportation of food
- Accreditation of third-party auditors
- · Hazard analysis and risk-based prevent controls for human & animal food

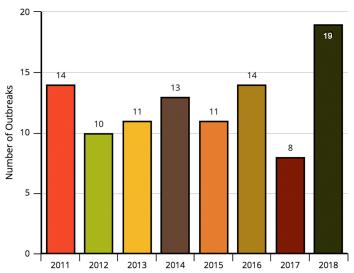
PEOPLE AFFECTED



JANUARY 4, 2013

· Proposed rule for enhanced recordkeeping requirements for high-risk foods

SELECTED OUTBREAK INVESTIGATIONS



Source: Centers for Disease Control and Prevention

2018

- Total illnesses: 1982
- Most states impacted during a single outbreak:

41 Sources:

Ground Beef.

Deli Ham,

Gravel Ridge Farms Shell Eggs, Chicken,

Raw Turkey Products, Hy-yee Spring Pasta Salad.

McDonald's Fresh Express Salads.

Del Monte Fresh Produce Vegetable Travs.

Imported Fresh Crab Meat.

Kellog's Honey Smacks Cereal,

Pre-Cut Melon,

Shell Eggs,

Romaine Lettuce,

Dried Coconut,

Chicken Salad,

Kratom, Raw Sprouts.

Frozen Shredded Coconut



OCTOBER 15, 2018

CFS sues the FDA for

failure to designate

and establish reporting

that are "high-risk"

for foodborne illness

outbreaks, as required

by FSMA

