



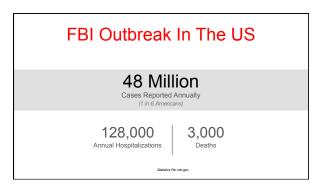


PURPOSE



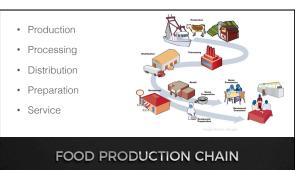
Goals for Today

- Identify two foods prepared in YOUR operation that can cause FBI.
- List two procedural changes that can be made in YOUR operation to reduce the risk of a FBI.



Foodborne Illnesses

- Under Reporting of Illnesses
- Researchers have identified 250+ foodborne diseases
- Disease causing mirco-organisms are called pathogens
- · Most are infections from bacteria, viruses, and parasites
- Other causes include harmful toxins and chemicals
- Glitch anywhere along the food chain





How Do I Know?

Common Symptoms

- Diarrhea - Stomach Pain
- Vomiting - High Fever (101°F)
- Nausea
- Onset Times: 30 minutes to days
- Pathogen specific symptoms/onset times
- Stool sample needed to confirm an FBI

- Seek medical attention
- Take a stool sample
- · Contact health department and location of consumption/sale
- Epidemiology and Environmental Investigations - Identify outbreaks
 - Stop the spread
 - Learn how to prevent the next one

WHAT DO I DO?

- Research with consumers and healthcare professionals
- Surveys and Focus Groups
- Findings identified need to create a social media campaign

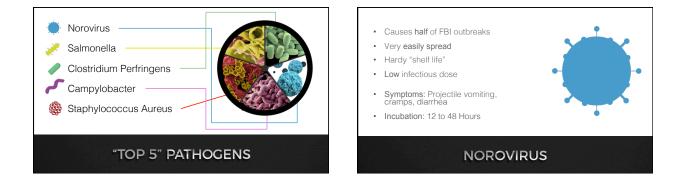
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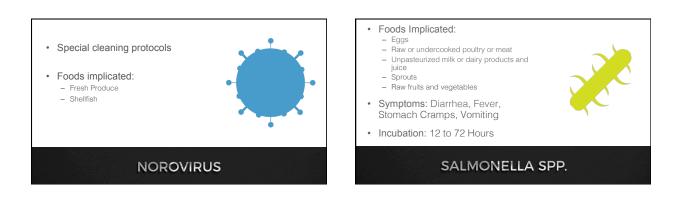


REPORTING INITIATIVES









· Foods Implicated: · Foods Implicated: - Beef or Poultry - Contaminated water - Gravies - Raw or undercooked poultry - Dried or precooked foods - Unpasteurized milk/dairy • Symptoms: Sudden, short-term Symptoms: Diarrhea (often • diarrhea and stomach cramps bloody), Stomach Cramps/Pain, Fever · Incubation: 6 to 24 Hours · Incubation: 2 to 5 Days **CLOSTRIDIUM PERFRINGENS** CAMPYLOBACTER SPP.

- Throat and Nasal • Passages and Open Cuts
- · Foods Implicated: - Ready-To-Eat Foods
- Symptoms: Diarrhea, Nausea, • Stomach Cramps, Vomiting
- Incubation: 30 Minutes to 6 Hours

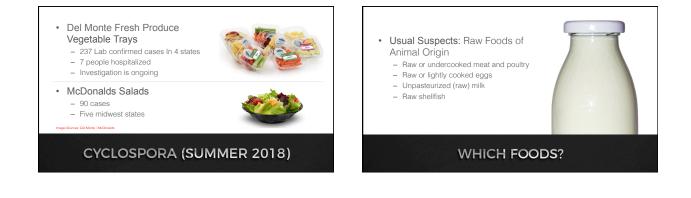
STAPHYLOCOCCUS AUREUS

- Other germs don't cause high numbers of illness, BUT illnesses are more likely to lead to: •

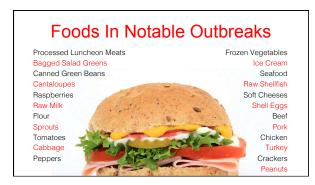
 - HospitalizationLong-Term Health ProblemsDeath
- Those germs include: ٠
 - Clostridium botulinum (botulism)

 - Listeria monocytogenes
 Escherichia coli (E. coli Shiga toxin or STEC)

BUT WAIT...













7

Ideal Characteristics of Foodservice Staff

- Enthusiastic
- · People persons
- Organized
- Efficient
- Thrifty



GOOD INTENTIONS ARE NOT ENOUGH

Sound Familiar?

- Tammy the waitress is in charge for the next two hours.
- We don't really need to follow the rules here is a shortcut.
- Rules, schmules.
- They don't pay me to do that.
- That's not my job.

WHERE IS THE LEADERSHIP?

- Proper Handwashing - When, Where and How
- Correct Glove Use
- Worker Attire
- Symptoms of Illness

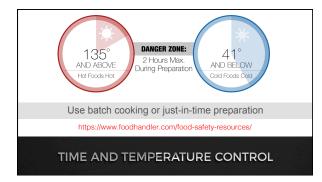


HEALTH AND HYGIENE

- Big Six Illnesses Food worker diagnosed - Exposure (Household Member)
- · Communicated?
- OrientationEmployee Handbook
- SOP



REPORTING REQUIREMENTS



Cleaning and Sanitizing Cleaning: the removal of food or soil from the surface

- to which it clings.
- ٠ Sanitizing: a reduction of the microbial population on equipment, utensils or work surfaces.





Cleaning & Sanitizing Nuts and Bolts

- Rinse / Scrape / Soak
- Wash
- Rinse
- Sanitize
- Air Dry



· Avoid recontamination by hands







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SafeBites

Each are preapproved for 1 hour of Continuing Education Credit by the School Nutrition Association (SNA) and the Certifying Board for Dietary Managers (CBDM)











