# Update for the 2023 Biennial Meeting of the Conference for Food Protection

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> **Conference for Food Protection Houston, Texas, April 25, 2023**





### **Updates will come from several Centers at CDC**

- National Center for Emerging and Zoonotic Infectious Diseases (NCEZID)
- National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)
- National Center for Environmental Health (NCEH)

#### **NCEZID: Foodborne disease prevention priorities**

Prevention Office's five foodborne disease prevention priorities:

• Beef and Salmonella

- Shellfish and Vibrio
- Chicken and Salmonella Leafy gree
  - Leafy greens and STEC
- Food safety in correctional facilities

#### **NCEZID: BEAM Dashboard**





#### **NCEZID: Integrated Food Safety Centers of Excellence**





Strengthen & Improve surveillance and outbreak investigations



Train & Educate students and public health personnel



Evaluate & Analyze the timeliness and effectiveness of surveillance and outbreak response



Disseminate & Communicate tools and resources

#### **NCEZID: Food Safety Centers of Excellence products**

Lots of resources available online



#### • What's New?

- **COVID Impact Project** –evaluate the impact of the COVID-19 pandemic on enteric disease surveillance, outbreak detection, and investigations
- Updated Epi-Ready recently finalized updates to this workshop for public health professionals involved with foodborne disease outbreaks investigations

**NCEZID: Foodborne Diseases Active Surveillance Network (FoodNet)** 



# Annual report described 2021 incidence of enteric infections





with a pre-pandemic baseline of 2016-18



Number and percentage of cases diagnosed by CIDT continued to increase; reflex cultures decreased



Percentage of infections requiring hospitalizations was stable Enduring predominance of common *Salmonella*serotypes in 2021:

**Decreased** incidence of Enteritidis, Typhimurium, &I4,[5],12:i:-

Increased incidence of Infantis & Oranienburg



Percentage of infections associated with international travel was 7% in 2021

Overall, 8% fewer enteric

(compared with 13% during prepandemic baseline)



2020: incidence of HUS was stable

### NCEZID: National Outbreak Reporting System (NORS)





#### Update to NORS

- Streamline data collection and improve data quality
- Add reporting of some fungal disease outbreaks
- Add data collection on prevention measures conducted for outbreaks
- NORS Dashboard, a publicly available tool for searching and accessing NORS data, will soon be updated with 2021 data

Contaminated Food	Germ	•	Year	
Frozen Strawberries	Hepatitis A		2023	
Unknown Source	Listeria monocytogenes		2023	
<u>Alfalfa Sprouts</u>	Salmonella Typhimurium		2022	
Raw Oysters	Norovirus		2022	
Enoki Mushrooms	Listeria monocytogenes		2022	
Deli Meat and Cheese	Listeria monocytogenes		2022	
<u>Fish</u>	Salmonella Litchfield		2022	
<u>Frozen Falafel</u>	<i>E. coli</i> 0121		2022	
Brie and Camembert Cheese	Listeria monocytogenes		2022	
Ground Beef	<i>E. coli</i> O157:H7		2022	

**NCEZID: Multistate foodborne outbreak list** 



Food Service Guidelines for Federal Facilities



**Promote:** 

- Healthier foods and beverages
- Environmentally responsible practices
- Support of communities are local food sourcing
- Food safety



#### Food Safety Standards

- Follow the most recent Food Code.
- Establish a comprehensive written food safety plan to achieve active managerial control.
- Do not serve meat, poultry, and egg products raw or undercooked, even if customer asks.
- Implement written policies on
  - control of *Listeria monocytogenes*
  - employee health
  - employee food safety training



# Settings

- Federal, state, and local government facilities
- Hospitals and healthcare facilities
- Colleges and universities
- Private worksites
- Parks and recreation centers
- Stadiums

#### Where can they be used?

#### Venues

- Cafeterias
- Cafes
- Snack bars
- Grills
- Concession stands
- Sundry shops
- Micro markets
- Vending machines

**BIDEN-HARRIS ADMINISTRATION** NATIONAL **STRATEGY ON** HUNGER, NUTRITION, AND HEALTH

SEPTEMBED 202

Expand access to healthier environments in federal facilities by:

Implementing and updating the *Federal Food Service Guidelines* in federal facilities

#### NCEH: National Environmental Reporting System (NEARS)





NCEH: Characteristics linked with successful investigations









NCEH: High quality epidemiology, laboratory, and environmental health are key to successful investigations

- ✓ Robust epidemiology method
- Thorough environmental assessment





Successful investigation

✓ Clinical sample collection

# NCEH: Management leadership and commitment are key components of food safety culture



Management leadership in offering food safety training and policies

Management commitment to food safety



**Employee commitment to food safety** 



**Restaurant resources** 

#### NCEH: From Inspector to Investigato Finding the Factors That Lead to Foodborne Outbreaks

Learn about the factors that contribute to outbreaks so you can understand how and why the outbreak occurred.





#### **NCEH: Other resources**





Surveillance





Thank you

For more information, contact NCEH 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov Follow us on Twitter @CDCEnvironment

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

