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

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#### **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)

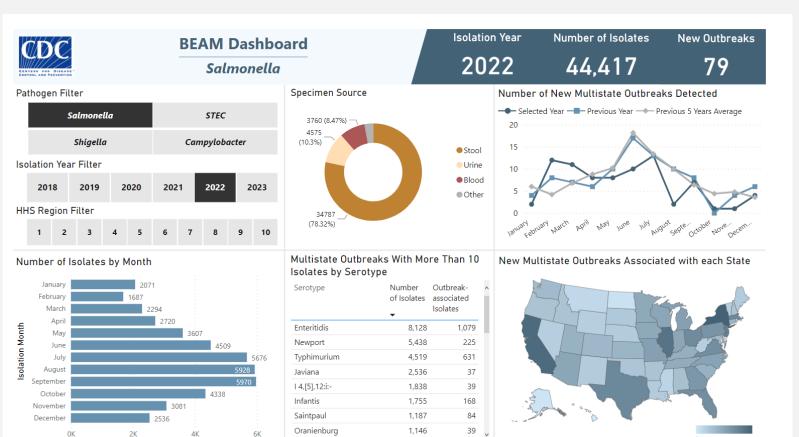
#### **NCEZID:** Foodborne disease prevention priorities

Prevention Office's five foodborne disease prevention priorities:

Beef and Salmonella

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

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



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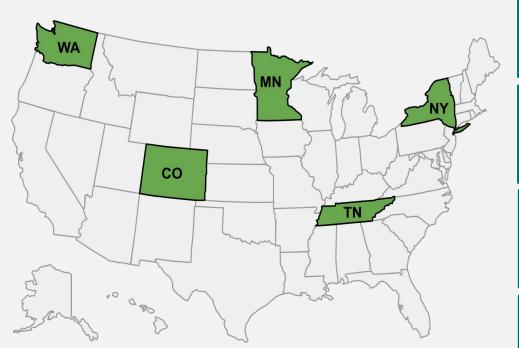
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Muenchen

Number of Isolates



#### **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





Overall, 8% fewer enteric infections in 2021, compared with a pre-pandemic baseline of 2016-18

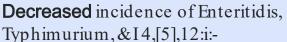


Number and percentage of cases diagnosed by CIDT continued to increase; reflex cultures decreased



Percentage of infections requiring hospitalizations was stable

Enduring predominance of common Salmonella serotypes in 2021:



**Increased** incidence of Infantis & Oranienburg



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

(compared with 13% during prepandemic baseline)



2020: incidence of HUS was stable

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





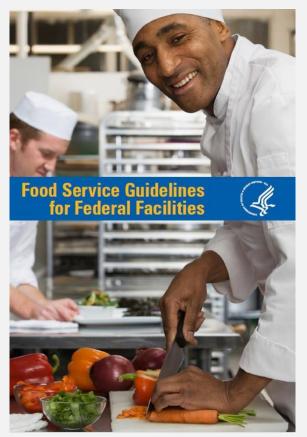
- Update to NORS
  - Streamline data collection and improve data quality
  - Add reporting of some fungal disease outbreaks
  - Add data collection on prevention measures conducted for outbreaks

 NORS Dashboard, a publicly available tool for searching and accessing NORS data, will soon be updated with 2021 data

#### **NCEZID:** Multistate foodborne outbreak list



Contaminated Food	Germ	♦ Year ♦
<u>Frozen Strawberries</u>	Hepatitis A	2023
<u>Unknown Source</u>	Listeria monocytogenes	2023
Alfalfa Sprouts	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>	E. coli O121	2022
Brie and Camembert Cheese	Listeria monocytogenes	2022
Ground Beef	E. coli O157:H7	2022



#### **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



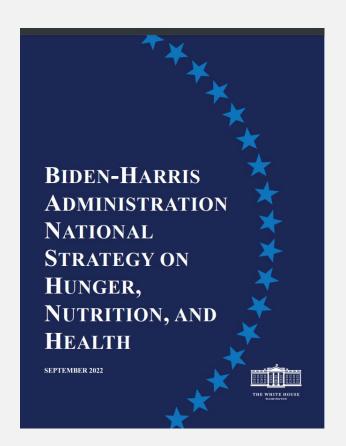
#### Where can they be used?

#### **Settings**

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

#### Venues

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



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





Agent identified



🆄 Food identified



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

- ✓ Robust epidemiology method
- ✓ Thorough environmental assessment
- ✓ 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**







Training



# Thank you

For more information, contact NCEH

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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.

