

CDC's Emerging Infections Program
CDC/USDA/FDA Foodborne Diseases Active Surveillance Network
Steering Committee Conference Call Minutes

Date: Thursday, September 8, 2005
Attendance: CA, CT, GA, MD, MN, NM, NY, OR, TN, TX, FDA, USDA-FSIS, EHS-Net, CDC

A. Administrative

1. EIP Guidance

- a. Please add additional phrase "...pulsed-field gel electrophoresis (PFGE) of all isolates submitted to NARMS from the catchment area."
 - Before next call, to clarify if this pertains to all *Salmonella* isolates only.
- b. *Shigella* interviews
 - *Shigella* interviews will be conducted through end of December 2005; therefore including the first three months of fiscal year 05/05.

2. Rotavirus Surveillance

- To discuss proposal on next months call.

3. FoodNet Vision Meeting (March 2-3, 2006)

- a. Pre-Vision Meeting – The Pre-Vision meeting will focus on case-control study methodologies, and the agenda is in the planning stage.

B. FoodNet Studies/Projects

1. *Campylobacter* Grocery Store Survey

- a. The questionnaire, to be completed by corporate office of grocery store chains, was circulated in the packet for comment.

2. *E. coli* O157 Cohort Study

- a. "Genetic screening" of saliva
 - A. A proposal to screen the cases participating in the *E. coli* O157 cohort study for genetic risk factors was submitted to the group.
 - B. Adding an amendment to the protocol will be discussed further on the next HUS working group call.

3. Population Survey

- a. Comments are being incorporated into the questionnaire, and it will be submitted to CDC clearance mid-September.

C. Working Groups

1. *E. coli* O157/HUS Working Group

- a. HUS serology testing
 - CDC is working to resolve issues associated with the completion of serology testing and batching.
- b. *E. coli* O157 prospective study
 - We are aiming to summarize the pilot study in terms of number of cases in the FoodNet catchment area that match the PFGE 47/15 cluster, number of cases interviewed, and number of ground beef specimens tested/collected. Future O157 investigation studies will be discussed on the HUS/STEC working group

2. Interventions Working Group

- a. FoodNet Objectives
 - A. A draft of the revised FoodNet Objectives, including a fourth target towards interventions, was included in the call materials.
 - B. The revised objectives were accepted.
- b. Lessons Learned Brochure
 - A. A draft of the FoodNet brochure was also included in the packet. Revisions are being made; if you have any comments, please send them to Heather Bair-Brake.
- c. *Listeria* activities
 - A. A working group of four individuals has been formed at the CDC to work on *Listeria* intervention projects.
 - B. The FDA recently released a pregnancy toolkit, which is being evaluated by the group before deciding on a plan of action.

D. Proposals

1. ICEID abstract proposals

- a. Clinical Laboratory Practices for the Identification of *Campylobacter* in FoodNet Sites: Do Differences Explain Variation in Incidence Rates? (Sharon Hurd) – accepted
- b. Risk Factors for *Shigellosis* among Residents of FoodNet Sites, 2005 (Ruthanne Marcus) – accepted
- c. Correlates of *Campylobacter* incidence among FoodNet sites (JJ Furuno) – accepted
- d. TBD – *Shigella* (Melanie Megginson and David Blythe) – requires further discussion
- e. Association between *Campylobacter* Incidence and the Intensity of the Poultry Industry in Maryland (Stephanie Mickelson) – may to extended to other sites
- f. Burden of Bacterial Foodborne Illness in the United States (Elaine Scallan) – accepted
- g. Trends in *Campylobacter* species and accuracy of *Campylobacter* speciation in FoodNet sites, 1997-2003 (Linda Demma) – accepted
- h. Diet Diversity and Diarrheal Illness as observed in the Foodborne Diseases Active Surveillance Network (FoodNet) Population Survey, 1996-2003 (Olga Henao) – accepted
- i. Trends in foodborne outbreak data, FoodNet, 1998-2004 (Katie Fullerton) – accepted

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- j. *E. coli* travel and outbreak data (2005 surveillance data) (Ida Rosenblum) – accepted
 - k. Comparison of HDD to HUS active surveillance and trends in HUS (Liane Ong) – accepted
 - l. Food Use and Policies in Long-Term Care Facilities, FoodNet, 2005 (Jennifer Nelson) – accepted
 - m. Geographic variation and the emergence and decrease of specific *Salmonella* serotypes in the Foodborne Diseases Active Surveillance Network (FoodNet) (Fred Angulo) – accepted
 - n. Comparison of travel-related, outbreak-associated, and sporadic cases of Salmonellosis among residents of FoodNet sites (Dina Hoefer) – accepted
 - o. Annual multistate clusters of *Escherichia coli* O157 cases with a common PFGE pattern: getting to the "meat" of the problem (Linda Demma) – accepted
 - p. Outbreak of Emerging *Salmonella* Serotype I 4,[5],12:i:- Infections—California, 2004 (Dawn Norton) – accepted
 - q. Trends in risky food consumption in the general and immunosuppressed populations, FoodNet 1996-2002 (Erica Weis)
 - r. FYI: *Salmonella* Javiana in the Southeastern United States: A hypothesis generating study (Melissa Tobin-D'Angelo)
 - s. FYI: *Yersinia pseudotuberculosis* infections in FoodNet, 1996-2004 (Cherie Long)
 - t. FYI: *Salmonella* outcomes differ by serotype, FoodNet, 1996-2003 (Amanda Ingram)
 - u. FYI: Epidemiology of Non-O157 Shiga Toxin-Producing *Escherichia coli* (STEC) Cases in FoodNet Surveillance in CT, MN and NY (Bridget Anderson)
2. It was noted that proposals should be kept to the "emerging infectious diseases" theme.

E. Surveillance

- 1. Active data
 - a. Compared to this period last year, *Campylobacter* rates have increased; *Listeria* has increased; *Salmonella* has decreased overall; *Shigella* has decreased; *E. coli* O157 has decreased; STEC non-O157 has increased; *Vibrio* has decreased; *Yersenia* has increased; *Cryptosporidium* has decreased; *Cyclospora* has increased.
- 2. Outbreak data
 - a. As of 2005, 126 outbreaks involving ≥ 2 ill are currently in eFORS. 53% have a known etiology, 18% have a known vehicle, and 63% are restaurant associated.
 - b. 53 outbreaks involving ≥ 10 ill are currently in eFORS. Of those, 66% have an identified etiology, 25% have a confirmed vehicle, and 62% are restaurant-associated.
- 3. HUS data
 - a. In 2005, 55 cases have been reported, and there were 2 deaths.
 - b. 61% of those tested for Shiga toxin were positive.
 - c. 67% of those cultured for O157 were positive; 7% of those from which serum was collected were seropositive. Overall 45% of cases tested by culture or serology were positive.

F. Upcoming FoodNet conference calls, meetings, and deadlines

1. Wednesday	September 7 th	1:00-2:00	Campylobacter Grocery Store Subcommittees call
2. Wednesday	September 7 th	1:00-2:00	Campylobacter Laboratory Survey call
3. Wednesday	September 7 th	4:00-5:00	Validation Working Group call
4. Thursday	September 8 th	10:00-11:00	HUS Subcommittee call
5. Thursday	September 8 th	2:00-3:00	FoodNet Steering Committee call
6. Tuesday	September 13 th	2:00-3:00	Emerging Salmonella Serotypes Working Group
7. Wednesday	September 14 th	7:00-8:00 am	Four Country International call
8. Wednesday	September 14 th	4:00-5:00	Burden Working Group
9. Thursday	September 15 th	3:00-4:00	Outbreak Working Group
10. Monday	September 19 th	2:00-3:00	Infant Case-Control Working Group
11. Tuesday	September 20 th	3:00-4:00	HUS/STEC Working Group
12. Thursday	September 22 nd	1:00-2:00	Antimicrobial Resistance Working Group
13. Tuesday	September 27 th	2:00-3:00	Interventions Working Group call
14. Tuesday	September 27 th	4:00-5:00	Risky Foods Working Group call
15. Thursday	September 29 th	2:00-3:00	FoodNet Coordinator call
16. Wednesday	October 05 th	1:00-2:00	Campylobacter Grocery Store Subcommittees call
17. Thursday	October 06 th	11:00-12:00	Attributions Working Group
18. Tuesday	October 11 th	2:00-4:30/ B-19	Update Meeting
19. Wednesday	October 12 th	4:00-5:00	Burden Working Group
20. Thursday	October 13 th	2:00-3:00	FoodNet Steering Committee call

G. Data Submission Deadlines

- 1. Surveillance data transmission Friday, September 23rd
- 2. HUS data transmission Wednesday, October 5th