

FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
9							
	103	Ailes, Elizabeth	Demma, Linda, Hurd, Sharon, Hatch, Julie, Jones, Timothy F., Vugia, Duc J., Cronquist, Alicia B., Tobin-D'Angelo, Melissa, Larson, Kirsten, Laine, Ellen, Edge, Karen, Zansky, Shelley M., Scallan, Elaine,	Continued Decline in the Incidence of Campylobacter Infections, FoodNet 1996-2006	Foodborne Pathog Dis	6/20/2008	published June 2008; requested permission 6/20/08
	606	Jones, Timothy F.	Ingram, Amanda, Cieslak, Paul R., Vugia, Duc J., Tobin-D'Angelo, Melissa, Hurd, Sharon, Angulo, Fredrick J., FoodNet Salmonella Working Group	Salmonellosis Outcomes Differ Substantially by Serotype	JID	5/21/2008	published 5/6/08, sent to Julie to post to web 5/21/08
	642	Marcus, Ruthanne		New Information about Pediatric Foodborne Infections-the view from FoodNet	Current Opinion in Pediatrics	5/21/2008	requested permission to post for the 2nd time 5/21/2008
	394	Nelson, Jennifer M.	Nadle, Joelle, Daniels, Allison, Clogher, Paula, Gillespie, Jennifer, Furuno, Jon P., Plantenga, Melissa, Bernarczyk, Robert, Ingram, Amanda	FoodNet Survey of Food Use and Practices in Long-Term Care Facilities	Journal of Food Protection	8/22/2008	Waiting on PDF from DocExpress 8/22/08
	121	Samuel, Michael C.	Vugia, Duc J., Koehler, Kathleen M., Marcus, Ruthanne, Deneen, Valerie C., Damaske, Barbara, Shiferaw, Beletshachew, Hadler, James L., Henao, Olga L., Angulo, Fredrick J.	Consumption of Risky Foods Among Adults at High Risk for Severe Foodborne Diseases: Room for Improved Targeted Prevention Messages	Journal of Food Safety	1/31/2008	Requested permission to post for 2nd time 1/31/2008
	680	Townes, John M.	Deodhar, Atul, Laine, Ellen, Smith, Kirk E., Krug, Hollis, Barkhuizen, Andre, Thompson, Mollie, Cieslak, Paul R., Sobel, Jeremy	Reactive arthritis following culture-confirmed infections with bacterial enteric pathogens in Minnesota and Oregon: a population-based study	Annals of the Rheumatic Diseases	5/21/2008	Published in Online 2/13/08; DocExpress request 5/21
7							
	600	Clarkson, Lydia S.	Tobin-D'Angelo, Melissa, Shuler, Carrie, Hanna, Samir S., Benson, James A., Voetsch, Andrew C.	Sporadic Salmonella enterica serotype Javiana Infections in Georgia and Tennessee: An Emerging Zoonotic Disease?	EID	9/8/2008	Rejected by EID; Will submit to Epi and Infection
	363	Vally, Hassan	Hall, Gillian, Scallan, Elaine, Kirk, Martyn D., Angulo, Fredrick J.	Higher rate of culture-confirmed Campylobacter infections in Australia than in the United States: Is this due to healthcare system differences?	Epi and Infection	8/22/2008	Submitted to Epi and Infection

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	459	Voetsch, Andrew C.	Poole, Charles, Hedberg, Craig W., Ryder, Robert W., Weber, David J., Angulo, Fredrick J.	Analysis of the FoodNet case-control study of sporadic Salmonella serotype Enteritidis infections using persons infected with other Salmonella serotypes as the comparison group		5/21/2008	Accepted for publication at Epi and Infect 5/21/08
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	657	Pires, Sara	Evers, Eric, van Pelt, Wilfrid, Scallan, Elaine, Angulo, Fredrick J., Havelaar, Arie, Hald, Tine	Attributing the human health burden of diseases commonly transmitted through foods to specific sources	EID	9/8/2008	
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	733	Barton, Casey	Henao, Olga L., Long, Cherie, Vugia, Duc J., Marcus, Ruthanne, Thomas, Stephanie M., Swanson, Stephen J., Anderson, Kevin L., Jones, Timothy F., Scallan, Elaine	Deaths Associated with Bacterial Pathogens Commonly Transmitted Through Food in the Foodborne Diseases Active Surveillance Network (FoodNet) 1996-2005		9/4/2008	
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	124	Dunne, Eileen F.	Griffin, Patricia M., Henao, Olga L., Bender, Jeffrey B., Beletshachew, Shiferaw, Vugia, Duc J., Dembek, Zygmunt F., Wesolowski, Laura G., Carter, Michael A., Zansky, Shelley M., Boothe, Effie J., Burnite, Steve, Wells, Joy G., Bibb, William, Mead, Paul S., Henao, Olga L., EIP FoodNet Working Group, Snider, Cynthia J.	Pediatric Hemolytic Uremic Syndrome in the United States, 1997-2002: A Study of 379 Cases		9/8/2008	Updating analysis based on clearance comments
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	491	Guo, Chuanfa	Hartnett, Emma, Harman, Jane, Ong, Kanyin Liane, Naugle, Alecia L., Bennett, Patricia, Hoekstra, Robert M., Cieslak, Paul R., Holt, Kristen G., Schlosser, Wayne D., Rose, Bonnie E., Schroeder, Carl M., Scallan, Elaine, Angulo, Fredrick J.	Human Infections from Salmonella in Meat, Poultry, and Eggs, United States, 1998 - 2003: Estimates from a Bayesian Model		9/24/2007	
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	508	Haley, Clinton C.	Hedberg, Katrina, Cieslak, Paul R., Scallan, Elaine, Ong, Kanyin Liane, Marcus, Ruthanne, Shin, Sam, Cronquist, Alicia B., Gillespie, Jennifer, Jones, Timothy F., Shiferaw, Beletshachew, Fuller, Candace, Edge, Karen, Anderson, Bridget J., Ryan, Patricia A., Mintz, Eric D.	Sporadic Shigellosis: Population-Based Risk Factors Revealed, FoodNet, 2005		9/8/2008	Incorporating comments from Division Statistician
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	26	Hall, Gillian	McDonald, Laura, Majowicz, Shannon E., Scallan, Elaine, Kirk, Martyn D., Sockett, Paul, Angulo, Fredrick J.	Respiratory symptoms in cases of gastroenteritis: an international analysis	International Journal of Epidemiology	9/8/2008	Incorporating comments from Clearance
	661	Henao, Olga L.	Hoekstra, Robert M., Tong, Xin, Scallan, Elaine	Monitoring Trends in the Incidence of Foodborne Diseases, Foodborne Diseases Active Surveillance Network (FoodNet) 1996-2007		9/4/2008	incorporating comments from Stats group
	432	Maldonado, George		Blending Project		9/8/2008	Manuscript being revised by lead author
	735	Moyer, Laura B.	Henao, Olga L., Hoekstra, Robert M., Scallan, Elaine	The effect of different recall timeframes on estimates of diarrheal illness prevalence in the United States, FoodNet Population Survey, 2002-2003 and 2006-2007		8/21/2008	
	607	Nelson, Jennifer M.	Jones, Timothy F., Scallan, Elaine	Antimotility and Antimicrobial Use in Persons with Shiga toxin-producing E. coli O157 Infection in FoodNet Sites		2/11/2008	Incorporating comments from co-authors
	381	Patrick, Mary	Vugia, Duc J., Hurd, Sharon, Segler, Suzanne D., Kielbauch, Julie, Leano, Fe, Dumas, Nellie B., Hatch, Julie, Hanna, Samir S., Angulo, Fredrick J.,	Campylobacter species in FoodNet and NARMS 1997-2004: is the incidence of Campylobacter coli infection increasing?	CID	9/8/2008	Updating manuscript w/2005 data
	101	Scallan, Elaine	Vugia, Duc J., Cronquist, Alicia B., Marcus, Ruthanne, Thomas, Stephanie M., Blythe, David, Fuller, Candace, Zansky, Shelley M., Cieslak, Paul R., Jones, Timothy F.	The Burden of Foodborne Disease in the United States		9/4/2008	
	341	Snider, Cynthia J.	Lynch, Michael, Cronquist, Alicia B., Phan, Quyen, Vugia, Duc J., Burnett, Cindy, Morse, Dale L., Keene, William E., Edwards, Leslie, Swanson, Ellen, Jones, Timothy F., EIP FoodNet Working Group,	Factors Associated with Confirming an Etiology During Foodborne Outbreak Investigations, FoodNet Sites, 2001-2006		9/4/2008	Updating with more current data
	659	Weis, Erica	Mohle-Boetani, Janet C., Henao, Olga L., Scallan, Elaine, Cloger, Paula, Fuller, Candace, Gillespie, Jennifer, Jones, Timothy F., Marcus, Ruthanne, Shiferaw, Beletshachew, Vugia, Duc J.	Decline in Risky Food Consumption in the Foodborne Diseases Active Surveillance Network (FoodNet) Population: 1998 to 2002 Decline in Risky Food Consumption in the Foodborne Diseases Active Surveillance Network (FoodNet) Population: 1998 to 2002		1/3/2008	

Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	109	Gould, Hannah	Tong, Xin, Drake, Allison, Vugia, Duc J., Hurd, Sharon, Cronquist, Alicia B., Segler, Suzanne D., Mickelson, Stephanie, Smith, Kirk E., Zansky, Shelley M., Shiferaw, Beletshachew, Jones, Timothy F., Griffin, Patricia M., EIP FoodNet Working Group	Risk Factors for Developing Hemolytic Uremic Syndrome or Death Among Persons with Escherchia coli O157 Infection, FoodNet sites, 2000-2006		9/8/2008	Re-submitted to SC 5/8/2008 to add 2 more years of data
	331	Long, Cherie	Hayes, Tameka, Vugia, Duc J., Ryan, Patricia A., Scheftel, Joni, Shiferaw, Beletshachew, Jones, Timothy F., Demma, Linda, EIP FoodNet Working Group	Yersenia pseudotuberculosis infections in FoodNet, 1996-2005		9/8/2008	Incorporating 2007 data
	617	Patrick, Mary	Zansky, Shelley M., Hurd, Sharon, Scallan, Elaine	Prevalence of exposures to meat and poultry products among children riding in shopping carts: increased risk of Salmonella and Campylobacter infection?		9/8/2008	manuscript w/co-authors
	2						
	344	Henao, Olga L.	Ryan, Patricia A., Scallan, Elaine, Choudhuri, Julie, Norton, Dawn M., Edge, Karen, Ryan, Patricia A., Tobin-D'Angelo, Melissa, Nelson, Jennifer M., Hanna, Samir S., Jones, Timothy F., Angulo, Fredrick J., EIP FoodNet Working Group	Proportion of Visits to Health Care Providers Resulting in Request of Stool Samples: Data from the National Ambulatory Medical Care Survey (NAMCS) and the Foodborne Diseases Active Surveillance Network (FoodNet) Population Survey		9/4/2008	
	565	Henao, Olga L.	Moyer, Laura B., Hoefer, Dina, Holman, Robert, Jones, Timothy F., Marcus, Ruthanne, Medus, Carlota, Ryan, Patricia A., Tobin-D'Angelo, Melissa	Hospitalizations Due to Infections of Selected Foodborne Pathogens; NIS, NHDS, and FoodNet, 1998-2004		9/4/2008	
	743	Hoefer, Dina	Hurd, Sharon, Medus, Carlota, Cronquist, Alicia B., Hayes, Tameka, Larson, Kirsten, Edge, Karen, Hatch, Julie, Hanna, Samir S., Snippes, Paula, Atkinson, Robyn, Gould, Hannah	E. coli O157 and non-O157 Shiga Toxin-producing E. coli (STEC) testing among Clinical laboratories; results from the 2007 FoodNet STEC Laboratory Survey		9/4/2008	
	386	Hurd, Sharon	Demma, Linda, Tong, Xin, Cronquist, Alicia B., Segler, Suzanne D., Kielbauch, Julie, Swanson Laine, Ellen, Smith, Glenda, Hatch, Julie, Hanna, Samir S., Fitzgerald, Collette, EIP FoodNet Working Group, Shin, Sam	Clinical Laboratory Practices for the Identification of Campylobacter in FoodNet Sites: Do Differences Explain Variation in Incidence Rates?		9/4/2008	with Collette Fitzgerald

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	744	Limbago, B.	Angulo, Fredrick J., McDonald, Clifford, Long, Cherie, Thompson, Angela	Isolation and Characterization of Clostridium difficile Responsible for Community-Associated Disease		5/15/2008	
	662	Ong, Kanyin Liane	Scallan, Elaine, Apostol, Mirasol, Hayes, Tameka, Mickelson, Stephanie, Scheffel, Joni, Shiferaw, Beletshachew, Boothe, Effie	Hemolytic Uremic Syndrome Surveillance: Use of Hospital Discharge Data to Supplement Case Finding		9/4/2008	
	604	Shiferaw, Beletshachew		Are there gender differences in food consumption?		8/25/2008	
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	757	Barton Behravesh, C.		Use of control bank		9/4/2008	
	759	Blythe, David		Comparison of control bank with all population survey participants and with BRFSS participants		5/20/2008	
	462	Gould, Hannah	Demma, Linda, Hoekstra, Robert M., Angulo, Fredrick J., Cloger, Paula	Higher Incidence of Escherichia coli O157:H7 Infection in Rural Counties and Possible Association with Animal Contact		9/4/2008	redoing analysis
	660	Henao, Olga L.		High Incidence of Laboratory-Confirmed Listeria Infections in Persons ≥65 Years of Age, Foodborne Diseases Active Surveillance Network (FoodNet), United States, 1996-2006		9/4/2008	
	756	Hoefer, Dina		Diet and health knowledge questions asked of pregnant women		9/4/2008	just received updated dataset
	586	Viray, Melissa		Evaluation of a Surveillance System for Hemolytic Uremic Syndrome by the Foodborne Diseases Active Surveillance Network (FoodNet)		9/4/2008	EIS domestic project proposal to be supervised by Henao
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	575	Boore, Amy		The changing epidemiology of the most frequently reported Salmonella serotypes in the United States, 1996-2006		1/14/2008	

FoodNet Steering Committee Proposal

- Proposed by:** Rakhee Palekar, David Blythe, Pat Ryan, Melissa Tobin-D' Angelo, Ruthanne Marcus
- Title:** Characteristics of shellfish and raw shellfish eaters
- Date Submitted:** August 21, 2008
- Purpose:** We would like to determine the characteristics of persons who consume shellfish and raw shellfish as compared to those who do not, within the FoodNet population survey; and compare these data to the 2006 Population Survey data.
- Proposal:** We would like to determine the characteristics (e.g. sex, age, income level, education level, language spoken, race and underlying co- morbidities) of shellfish and raw shellfish consumers versus those who do not consume shellfish, amongst those who participated in the FoodNet population Survey, 2002.
- Data sources:** FoodNet Population Survey data, 2002.
- Timeline:** One year
- Publication:** Planned, venue TBD.

**Steering Committee Proposal
Centers for Disease Control and Prevention
Emerging Infections Program
Foodborne Diseases Active Surveillance Network (FoodNet)**

Proposed by: Stacy Crim

Title: International Travel Destinations in FoodNet Cases and the FoodNet Population Survey

Date Submitted: 9/11/2008

Purpose: To identify which countries or regions are associated with lab-confirmed cases of foodborne illness and self-reported acute gastrointestinal illness.

Proposal: International travel is frequently associated with diarrheal illness. This analysis will compare the destinations of FoodNet 2007 and 2008 cases, where available, to those of healthy respondents for the most recent cycle of the Population Survey, as well as to those respondents with diarrhea in the seven days prior to the survey.

Data sources: 2006-2007 FoodNet Population Survey data and FoodNet Active Surveillance data, 2007 and 2008.

Timeline: Analysis to begin in October

Publication: TBD

FoodNet Steering Committee Proposal

Title: Epidemiology of non-O157 STEC in FoodNet sites, 2000-2007

Proposed by: Hannah Gould

Submitted: September 5, 2008

Purpose: We presented a preliminary analysis of the epidemiology of non-O157 STEC in FoodNet sites at ICEID in March 2008. We would like to expand our analysis to include data from 2007 and prepare a publication describing our findings. Possible target journals would include the Journal of Infectious Diseases or Clinical Infectious Diseases. In addition to the descriptive analyses performed for ICEID, we would like to further examine differences and similarities among the most commonly reported serogroups, and would like to include data on Shiga toxin profiles of non-O157 isolates.

Timeline: Additional analyses to begin immediately. Draft manuscript for review by January 2009.

ICEID Abstract

Epidemiology of non-O157 Shiga toxin-producing *Escherichia coli* in FoodNet sites, 2000-2006

L. H. Gould, C. Medus, S. Hurd, D. Hoefler, S. Shin, T. Hayes, N. Comstock, K. Edge, P.M. Griffin

Background: Shiga toxin-producing *Escherichia coli* (STEC) are an important cause of diarrhea and the major cause of hemolytic uremic syndrome. Most clinical laboratories do not routinely test stool specimens for these organisms and practices vary among labs. With an overall increase in testing, non-O157 STEC infections are being recognized with greater frequency by the Foodborne Diseases Active Surveillance Network (FoodNet).

Methods: The ten FoodNet sites ascertain all laboratory-confirmed non-O157 STEC infections in their catchment areas. A case was defined as isolation of a non-O157 STEC from the stool of a resident of a FoodNet site. Isolates with a known O antigen were included in the analysis.

Results: During 2000-2006, FoodNet ascertained 629 cases of non-O157 STEC infection, of which 575 (88%) had O serogroup information. Of the 48 O serogroups reported, O26 was the most common (24%), followed by O111 (22%), O103 (22%), O45 (7%), O145 (4%), and O121 (4%). The number of cases reported increased each year during 2000-2006, from 36 in 2000 (0.12 per 100,000 population) to 212 in 2006 (0.42 per 100,000 population). In 2006, the rate of non-O157 STEC infections varied by site, from 0.15 cases per 100,000 population in Georgia to 1.02 cases per 100,000 population in New Mexico. The median age of cases was 12 years and 55% were in females. Sixty-six (12%) patients were hospitalized; no deaths were reported.

Conclusions: The number of reported non-O157 STEC infections is increasing in FoodNet sites. Six serogroups were responsible for 83% of reported non-O157 STEC infections during 2000-2006. Variations in the number of cases reported by year and in each FoodNet site may be partly due to differences and changes in laboratory practices, including increased use of Shiga toxin testing. Understanding the epidemiology of non-O157 STEC serotypes will inform prevention and food safety efforts. Clinical laboratories should routinely test all stool specimens for STEC.