FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
10							
	608	Gerner-Smidt P	Whichard, Jean M., Scallan, Elaine	Foodborne disease trends and reports	Foodborne Pathogens and Disease	10/17/2007	Published June 2007, Posted to website 10/17/2007
	461	Jones, Timothy F.	Scallan, Elaine, Angulo, Fredrick J.	FoodNet: Overview of a Decade of Achievement	Foodborne Pathogens and Disease	10/17/2007	Published March 2007, Posted to website 10/17/2007
	609	Majowicz, Shannon E.	Hall, Gillian, Scallan, Elaine, Adak, Goutam, Gauci, C, Jones, Timothy F., O'Brien, S, Henao, Olga L., Sockett, Paul	A common, symptom-based case definition for gastroenteritis	Epidemiology and Infection	10/5/2007	Published online 8/9/2007; Waiting for persmission
	465	Scallan, Elaine		Activities, Achievements, and Lessons Learned During the First 10 Years of FoodNet	CID	10/17/2007	Published March 2007, Posted to website 10/16/2007
	113	Varma, Jay K.	Samuel, Michael C., Marcus, Ruthanne, Hoekstra, Robert M., Medus, Carlota, Segler, Suzanne D., Anderson, Bridget J., Jones, Timothy F., Shiferaw, Beletshachew, Haubert, Nicole, Megginson, Melanie, McCarthy, Patrick V., Graves, Lewis M., Van Gilder, Thomas J., Angulo, Fredrick J.	Listeria Monocytogenes Infection From Food in the Regulatory Era: A Case-Control Study of Risk Factors for Sporadic Illness in the United States	CID	10/17/2007	Published January 2007; posted to website 10/16/2007
	107	Voetsch, Andrew C.	Angulo, Fredrick J., Jones, Timothy F., Moore, Matthew R., Nadon, Celine, McCarthy, Patrick V., Shiferaw, Beletshachew, Megginson, Melanie, Hurd, Sharon, Anderson, Bridget J., Cronquist, Alicia B., Vugia, Duc J., Medus, Carlota, Segler, Suzanne D., Graves, Lewis M., Hoekstra, Robert M., Griffin, Patricia M., EIP FoodNet Working Group	Reduction in the Incidence of Invasive Listeriosis in the FoodNet Sites, 1996-2003	CID	10/17/2007	Published January 2007; posted to website 10/17/2007
9							

0=proposal, 1=analysis, 2=writing, 3=draft being reviewed by coauthors, 4=incorp coauthor comments, 5=NCID/CDC clearance, 6= incorp NCID/CDC comments, 7=at journal, 8=in press, 9=published, 10=posted to website

Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	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	10/5/2007	Published May 2007; Waiting for permission
	644	Scallan, Elaine	Angulo, Fredrick J.	Surveillance for foodborne diseases	Infectious Disease Surveillance	11/13/2007	
8							
	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	9/24/2007	Accepted at Journal of Food Protection
7							
	22	Crump, John A.	, Joyce, Kevin W., Vugia, Duc J., Megginson, Melanie, Segler, Suzanne D., Hurd, Sharon, Luedeman, Jeff, Shiferaw, Beletshachew, Hanna, Samir S., Stevenson, Jennifer E., Angulo, Fredrick J.	Clinical Consequences of Typhoid Fever due to Salmonella Typhi with Decreased Susceptibility to Ciprofloxacin	CID	10/12/2007	Manuscript submitted to CID-under review
	363	Hassan,Valley	Kirk, Martyn D., Scallan, Elaine, Angulo, Fredrick J., Hall, Gillian,	Reporting Rates of Campylobacter Infections in Australia and the United States - Exploring Reasons for the Difference	Foodborne Pathogens and Disease	9/24/2007	Submitted to Foodborne Pathogens and Disease
	642	Marcus, Ruthanne		New Information about Pediatric Foodborne Infections-the view from FoodNet	Current Opinion in Pediatrics	11/6/2007	
	325	Shiferaw, Beletshachew	Cieslak, Paul R.	Comparison of Three Surveillance Systems for Hemolytic Uremic Syndrome in Oregon		9/25/2007	Submitted to Journal of Public Health
	459	Voetsch, Andrew C.	Poole, Charles, Hedberg, Craig W., Ryder, Robert W., Weber, David J., Angulo, Fredrick J.	The effect of alternative control selection in the FoodNet case-control study of sporadic Salmonella serotype Enteritidis using other serotypes as a comparison group		11/6/2007	Declined at AJE, will submit to Epi and Infection
6							

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Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	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		11/5/2007	Manuscript has been cleared.
	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?		11/5/2007	Manuscript being revised based on Clearance comments
	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		9/24/2007	Updating analysis based on clearance comments
	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		9/24/2007	Incorporating comments from Division Statistician
	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	New England Journal of Medicine	9/25/2007	Manuscript cleared. Will be submitted to NEJM.
	624	Shiferaw, Beletshachew	Griffin, Kristin, Chapin, William, Finnegan, Colleen, Ho, Hon, Cieslak, Paul R.	Use if Hospital Discharge Data to assess the incidence of Guillain-Barre Syndrome	CID	9/26/2007	Manuscript will be submitted to CID
4							
	109	Demma, Linda	Snider, Cynthia J., Shiferaw, Beletshachew, Vugia, Duc J., Hurd, Sharon, Zansky, Shelley M., Scheftel, Joni, Voetsch, Andrew C., Angulo, Fredrick J., 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, 1997-2002		11/28/2007	Co-author comments being incorporated by first author

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Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	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	
	432	Maldonado, George		Blending Project		10/30/2007	Manuscript being revised by lead author.
	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		9/24/2007	
	341	Rosenblum, Ida E.	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		10/26/2007	Updating with more current data
3							
	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		6/29/2007	
2							
	381	Demma, Linda	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	11/28/2007	Incorp. Clearance comments; waiting for NARMS data
	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		11/1/2007	
	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		7/31/2007	

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Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	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		6/29/2007	
	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?		6/29/2007	
	26	McDonald, Laura	Majowicz, Shannon E., Hall, Gillian, Scallan, Elaine, Kirk, Martyn D., Sockett, Paul, Angulo, Fredrick J.	Factors Associated With Respiratory Symptoms in Cases of Gastroenteritis	International Journal of Epidemiology	9/24/2007	On hold
	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.	Burden of Bacterial Foodborne Illness in the United States		9/25/2007	
1							
	605	McMillian, Marcy	Jones, Timothy F., Lynch, Michael, Iwamoto, Martha	Incidence and Trends in Foodborne Pathogens in FoodNet and non-FoodNet sites		10/26/2007	
0							
	604	Shiferaw, Beletshachew		Are there gender differences in food consumption?		9/7/2007	
	586	Viray, Melissa		Hemolytic uremic syndrome surveillance validation		9/13/2007	EIS domestic project proposal to be supervised by Henao

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Appendix XVII: Data Analysis and Usage Policy

Data Analysis Request and Use Form
Centers for Disease Control and Prevention
Emerging Infections Program
Foodborne Diseases Active Surveillance Network (FoodNet)

Phone: (404)-639-3680 Fax:(404)-639-3535

___Melissa Viray_____
Requestor's Name (please print)

____CDC/EISO_____
Organization /Affiliation (please print)

_404-639-5277_____ __404-639-2005_____
Requestor's Contact Phone Requestor's Contact Fax

_____
Date Approved by Steering Committee

_____
Date Analysis/Data Needed By

___mhv5@cdc.gov_____
Requestor's Contact E-mail

Description of Data Request:

Research Question/Interest:

We would like to evaluate the FoodNet surveillance for hemolytic uremic syndrome. The data will be used to critically review several aspects of the system, including system sensitivity, predictive value positive, representativeness, data quality and timeliness. The data will also be used to validate and compare FoodNet's HUS Surveillance with other surveillance systems, specifically HUS surveillance through the Kid's Inpatient Database (KID's), a database of hospital inpatient stays for children and the Nationally Notifiable Disease Surveillance System (NNDSS). Specific data that we will be using include annual incidence of HUS at FoodNet sites from 2000 through 2007, demographic and laboratory data. Results from the surveillance evaluation and validation will be shared with the FoodNet Working Group.

Dataset: ___HUS Surveillance Data_____
(from case control study, surveillance, population survey, etc.)

Pathogen(s):___--_____

Serotype(s):___--_____

Year(s):_____1997-present_____

Other Variables of Interest (e.g. sex, race, ethnicity):_____

_____

Denominator:_____

Additional Request:_____

_____

Data Use Policy:

I understand that I am responsible for the integrity and management of these datasets. The datasets will not be provided to a third party without the permission of the FoodNet Steering Committee. In the spirit of collaboration, I agree to keep the FoodNet Steering Committee informed of the results of analyses. In accordance with the FoodNet publication guidelines, I will not distribute the results of these analyses, electronically or otherwise, in the form of a poster, abstract, manuscript, report, press release, or other public presentation without the approval of the FoodNet Steering Committee.

Hannah Gerald on behalf of Melissa Viray
Signature

11/21/2007
Date

Please fax your completed form to FoodNet at (404)-639-3535

If you have any questions about the data use or authorship policy, please contact FoodNet at (404)-639-3680
http://www.cdc.gov/foodnet

FoodNet Steering Committee Proposal

Proposed by: Rakhee Palekar, David Blythe, Pat Ryan
Maryland Department of Health and Mental Hygiene

Title: Characteristics of shellfish and raw shellfish eaters and association between raw shellfish consumption and liver disease or immunosuppression

Date submitted: December 4, 2007

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; as well as assess whether correlations exist between raw shellfish consumption and liver disease or immunosuppression.

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 or raw shellfish, amongst those who participated in the FoodNet Population Survey, 2006. Additionally, given that those with liver disease or immunosuppression should not consume raw shellfish, we would like to see what proportion of those with these conditions are consuming raw shellfish.

Data sources: FoodNet Population Survey data, 2006.

Timeline: One year.

Publication: Abstract for American Public Health Association.
Submission deadline February 8th, 2008.

CDC Celebrates 10 Years of Public Health Genomics
Translating Gene Discoveries into Population Health Benefits
Wednesday, January 23rd, 2008
CDC Roybal Campus, Atlanta, GA

Title of abstract (to be used in the printed program)	**Genetic predictors of hemolytic uremic syndrome among persons infected with *Escherichia coli* O157** L. Hannah Gould, Timothy Jones, Jeffrey Canter, Frederick Angulo, Elaine Scallan, and the CDC FoodNet Genomics Working Group
Background and objectives	Shiga toxin-producing *Escherichia coli* O157 (STEC O157) causes an estimated 73,000 illnesses annually in the United States, resulting in 2,168 hospitalizations and 61 deaths. Approximately 5-15% of persons infected with STEC O157 develop hemolytic uremic syndrome (HUS), the leading cause of renal failure in children. The Foodborne Diseases Active Surveillance Network (FoodNet) has launched a study to identify human genomic factors associated with the development of HUS among persons infected with STEC O157.
Methods	FoodNet conducts active, population-based surveillance for laboratory-confirmed STEC O157 infections at >650 laboratories serving the 10 FoodNet sites. All STEC O157 cases ascertained from 2006 to 2008 will be mailed a kit asking them to submit a mouthwash sample for DNA testing for polymorphisms and mutations in candidate genes. Medical chart review will be used to document if cases develop HUS, defined as a clinical diagnosis of HUS by a physician with the detection of STEC O157 as the causative agent by culture, serology, EIA, or PCR. The DNA profile of persons infected with STEC O157 who develop HUS will be compared to those without a HUS diagnosis to identify genetic variants.
Results	Study enrollment began in January, 2007 and will be conducted retrospectively for 2006. To date, 37 persons have been enrolled and an additional 40 persons have agreed to participate. Many FoodNet sites only recently received IRB approval, and as they have begun the number of specimens submitted is rising sharply. DNA has been successfully isolated from almost all specimens submitted thus far.
Discussion/Conclusion	This ongoing study is one of the first to look at human genomic factors associated with a food-borne pathogen. Identification of genetic factors associated with HUS will contribute to a better understanding of the pathogenesis of HUS and will have potential therapeutic and preventive implications.

Proposal (update)

Clinical Laboratory Practices for the Isolation and Identification of *Campylobacter* in FoodNet Sites

S. Hurd, L.Demma, C. Fitzgerald J. Hatch, S. Shin, A. Cronquist, S. Segler, J. Kiehlbauch, E. Laine, G. Smith, S. Hanna

*Co-authors as listed on ICEID poster, 2006

Since 1996, active surveillance has shown that *Campylobacter* is the most frequently identified pathogen in FoodNet, accounting for 40,664 (37%) of laboratory-confirmed cases of foodborne infections ascertained in the FoodNet sites from 1996--2004. In 2004, the incidence of laboratory- confirmed *Campylobacter* infections in FoodNet was 12.9 per 100,000 persons ranging from 28.6 in California to 5.3 per 100,000 in Maryland (CDC 2005). Although results of surveys conducted among all clinical laboratories in the FoodNet sites in 1995, 1998, and 2000 showed that stool specimens are universally tested for *Campylobacter* infection during routine enteric testing (Voetsch, Angulo et al. 2004), these surveys did not address the actual laboratory techniques and methods used to isolate *Campylobacter*.

In 2005 we conducted a survey of lead microbiologists at clinical laboratories reporting to FoodNet. The aim of the study was to identify their routine practices used for isolation and identification of *Campylobacter* from stool specimens received during 2004 and determine if differences in methods could explain geographical differences in incidence rates. We assessed specific methods including use of transport media, selective agar, filtration, enrichment, incubation times and creation of micoraerophilic environment. Statistical analysis is being performed using SAS version 9.1 (SAS Institute, Cary, NC).

We propose to identify an analysis working group willing to take an active part as co-authors for the analysis and writing of the manuscript describing the findings of the lab survey.

FoodNet Steering Committee Proposal

Proposed title:
Prevalence of exposures to raw meat and poultry products among children riding in shopping carts: increased risk of *Salmonella* and *Campylobacter* infection?

Proposed by:
Mary Patrick and Elaine Scallan; additional authors to be identified.

Date submitted: December 10, 2007

Purpose:
To examine the prevalence of and risk factors for exposure to raw products among children riding in shopping carts using data from the FoodNet Population Survey, 2006-2007.

Proposal:
Young children, particularly infants, have the highest rates of *Salmonella* and *Campylobacter* infection. While infants do not consume foods typically associated with illness, a recent FoodNet study identified riding in a shopping cart next to raw meat or poultry as a risk factor. To better characterize this novel risk behavior, FoodNet surveyed parents of young children as part of the fifth cycle of the population survey. Respondents with a child <3 years of age in the household were queried regarding placement of children in shopping carts and their exposure to raw meat and poultry.

Preliminary analysis found that riding in the basket of the cart (as opposed to the child seat) was the main risk factor for exposure to raw products. These results will be presented in an abstract to be submitted to the International Association of Food Protection annual conference in August 2008. We propose to expand this analysis to focus on the questions in more detail, including a sub-analysis of infant-specific risk factors, state-specific analysis and multivariate models accounting for race/ethnicity, income and education (all significant factors in univariate analysis). Results will be summarized for a manuscript to be submitted to the Journal of Food Protection.

Timeline:
Initial draft manuscript to be completed within six months.

Appendix XVII: Data Analysis and Usage Policy

Data Analysis Request and Use Form
Centers for Disease Control and Prevention
Emerging Infections Program
Foodborne Diseases Active Surveillance Network (FoodNet)

Phone: (404)-639-3680 Fax:(404)-639-3535

___Hannah Gould_____
Requestor's Name (please print)

____CDC/FoodNet_____
Organization /Affiliation, (please print)

_404-639-3373_____ __404-639-2205_____
Requestor's Contact Phone Requestor's Contact Fax

_____
Date Approved by Steering Committee

_____
Date Analysis/Data Needed By

___dvj9@cdc.gov_____
Requestor's Contact E-mail

Description of Data Request:

Research Question/Interest:

Would like to look at animal contact data on the FoodNet population survey. Data will be used for manuscript exploring geographic differences in *E. coli* incidence in northern versus southern FoodNet sites.

Dataset: ___FoodNet Population Survey_____
(from case control study, surveillance, population survey, etc.)

Pathogen(s):___--_____

Serotype(s):___--_____

Year(s):_____2006-2007 cycle _____

Other Variables of Interest (e.g. sex, race, ethnicity): sex, age, race

Denominator:_____

Additional Request:_____

_____

Data Use Policy:

I understand that I am responsible for the integrity and management of these datasets. The datasets will not be provided to a third party without the permission of the FoodNet Steering Committee. In the spirit of collaboration, I agree to keep the FoodNet Steering Committee informed of the results of analyses. In accordance with the FoodNet publication guidelines, I will not distribute the results of these analyses, electronically or otherwise, in the form of a poster, abstract, manuscript, report, press release, or other public presentation without the approval of the FoodNet Steering Committee.

Hannah Gould _____ 11/26/2007 _____
Signature Date

Please fax your completed form to FoodNet at (404)-639-3535

If you have any questions about the data use or authorship policy, please contact FoodNet at (404)-639-3680
http://www.cdc.gov/foodnet

non-Typhi *Salmonella* Clinical Outcomes Cohort Study Status updated 12/3/07

2006

State	Sampling Scheme	Study Start Date	FoodNet Cases	Eligible	Interviewed (% of eligible)	Pending (% of eligible)	Refused (% of eligible)	Other Not Enrolled (% of eligible)
CA	1/10	1/1/2006	473	52	31 (60%)	0 (0%)	5 (10%)	16 (31%)
CO	1/4	1/1/2006	352	87	64 (74%)	0 (0%)	17 (20%)	6 (7%)
CT	1/4	1/1/2006	502	109	98 (90%)	0 (0%)	9 (8%)	2 (2%)
GA	1/20	3/15/2006	1545	76	44 (58%)	0 (0%)	2 (3%)	30 (39%)
MD	1/10	5/1/2006	618	68	50 (74%)	0 (0%)	5 (7%)	13 (19%)
MN	1/5	1/1/2006	720	136	112 (82%)	0 (0%)	12 (9%)	12 (9%)
NM	1/5	1/1/2006	258	45	27 (60%)	0 (0%)	5 (11%)	13 (29%)
NY	1/5	1/1/2006	492	96	57 (59%)	0 (0%)	14 (15%)	25 (26%)
OR	1/20	1/1/2006	397	25	20 (80%)	0 (0%)	3 (12%)	2 (8%)
TN	1/10	1/1/2006	785	76	65 (86%)	0 (0%)	4 (5%)	7 (9%)
		Total	6142	770	568 (74%)	0 (0%)	76 (10%)	126 (16%)

2007

State	Sampling Scheme	Study Start Date	FoodNet Cases	Eligible	Interviewed (% of eligible)	Pending (% of eligible)	Refused (% of eligible)	Other Not Enrolled (% of eligible)
CA	1/10	1/1/2006	379	49	23 (47%)	6 (12%)	7 (14%)	13 (27%)
CO	1/10	1/1/2006	280	26	20 (77%)	1 (4%)	2 (8%)	3 (12%)
CT	1/20	1/1/2006	385	22	18 (82%)	1 (5%)	1 (5%)	2 (9%)
GA	1/20	3/15/2006	1640	111	54 (49%)	19 (17%)	5 (5%)	33 (30%)
MD	1/10	5/1/2006	506	76	41 (54%)	11 (14%)	3 (4%)	21 (28%)
MN	1/20	1/1/2006	623	34	25 (74%)	2 (6%)	2 (6%)	5 (15%)
NM	1/5	1/1/2006	226	48	22 (46%)	4 (8%)	5 (10%)	17 (35%)
NY	1/5	1/1/2006	470	92	46 (50%)	9 (10%)	15 (16%)	22 (24%)
OR	1/10	1/1/2006	271	56	43 (77%)	0 (0%)	6 (11%)	7 (13%)
TN	1/10	1/1/2006	684	59	46 (78%)	5 (8%)	0 (0%)	8 (14%)
		Total	5464	573	338 (59%)	58 (10%)	46 (8%)	131 (23%)

Interviewed Total 2006-2007 = 906

E. *coli* O157 Cohort Study Status

State	Study Start Date	FoodNet Cases	Eligible	Interviewed (% of eligible)	Pending (% of eligible)	Refused (% of eligible)	Other Not Enrolled (% of eligible)
CA	3/1/2006	74	73	51 (70%)	3 (4%)	8 (11%)	11 (15%)
CO	2/1/2006	59	61	39 (64%)	2 (3%)	12 (20%)	8 (13%)
CT	6/1/2006	73	78	56 (72%)	2 (3%)	16 (21%)	4 (5%)
GA	1/22/2007	78	41	19 (46%)	0 (0%)	10 (24%)	12 (29%)
MD	5/1/2006	50	49	25 (51%)	2 (4%)	8 (16%)	14 (29%)
MN	3/1/2006	292	288	205 (71%)	2 (1%)	27 (9%)	54 (19%)
NM	6/1/2006	27	25	13 (52%)	0 (0%)	3 (12%)	9 (36%)
NY	3/1/2006	104	108	56 (52%)	1 (1%)	30 (28%)	21 (19%)
OR	3/1/2006	142	141	112 (79%)	2 (1%)	6 (4%)	21 (15%)
TN	1/1/2006	137	145	98 (68%)	2 (1%)	8 (6%)	37 (26%)
	Total	1036	1009	674 (67%)	16 (2%)	128 (13%)	191 (19%)

Updated 12/5/07

Enrollment Status for Selected *Salmonella* Serotypes Study, as of November 28, 2007

	# Eligible				Interviewed			Total Interviewed	Pending	Refused	Other Not Enrolled
	S. Javiana	*S.* Infantis	*S.* I 4,[5],12:i:-	Total	*S.* Javiana	*S.* Infantis	*S.* I 4,[5],12:i:-	# (% of Eligible)			
CA	2	6	18	26	1	4	6	11 (42)	5 (19)	2 (8)	8 (31)
CO	6	6	4	16	2	3	3	8 (50)	0 (0)	2 (13)	6(38)
CT	2	7	14	23	2	6	12	20 (87)	1 (4)	1 (4)	1 (4)
GA	171	9	52	232	121	3	30	154 (66)	16 (7)	13 (6)	49 (21)
MD	21	4	35	60	13	1	18	32(53)	3 (5)	4 (7)	21 (35)
MN	6	10	25	41	5	7	20	32 (78)	1 (2)	0 (0)	8 (20)
NM	28	4	11	43	11	3	3	17 (40)	2 (5)	9 (21)	15 (35)
NY	1	6	18	25	0	2	7	9 (36)	2 (8)	0 (0)	14 (56)
OR	1	5	21	27	1	3	10	14 (52)	1 (4)	3 (11)	9 (33)
TN	20	2	52	72	13	1	39	53 (74)	5 (8)	6 (10)	10 (14)
Total Cases	258	59	250	567	169	33	148	350 (62)	36 (6)	40 (7)	141 (25)
Controls	-	-	-	-	-	-	-	1196	-	-	-

Enrollment Status for Validation Sub-Studies for Selected *Salmonella* Serotypes Study, as of November 28, 2007

	Selection Bias Sub-Study		Misclassification Bias Sub-Study	
	Eligible	Completed Questionnaires Received (% of eligible)	Eligible	Completed Questionnaires Received (% of eligible)
CA	12	2 (17)	0	N/A
CO	5	1 (20)	0	N/A
CT	1	0 (0)	0	N/A
GA	23	7 (30)	0	N/A
MD	8	1 (13)	0	N/A
MN	5	2 (40)	0	N/A
NM	18	4 (22)	0	N/A
NY	0	N/A	0	N/A
OR	9	4 (44)	0	N/A
TN	11	2 (25)	2	0 (0)
Total (Cases)	92	23 (25)	2	0 (0)
Controls	-	56	-	8

FoodNet Data through September

(data transmitted 11/16/2007)

Pathogen	2006		2007		2007 vs 2006	5 year Mean	
	count	rate	count	rate	p-value	count	Rate
Campylobacter	4498	10.01	4416	9.82		4448	10.13
Listeria	113	0.25	89	0.20		98	0.22
***Salmonella* , all serotypes**	5076	11.29	4875	10.85	0.0439	5016	11.50
***S. T*yphimurium**	896	1.99	714	1.59	0.0000	907	2.09
***S.* Enteritidis**	822	1.83	782	1.74		748	1.73
S. Newport	432	0.96	389	0.87		501	1.17
***S.* Heidelberg**	190	0.42	189	0.42		245	0.57
***S.* Javiana**	218	0.48	194	0.43		261	0.60
***Salmonella* , all others**	2518	5.60	2607	5.80		2354	5.38
***Shigella* , all species**	1776	3.95	1939	4.31	0.0075	2044	4.75
Shigella sonnei	1335	2.97	1544	3.43	0.0001	1597	3.74
Shigella flexneri	310	0.69	269	0.60		306	0.68
	131	0.29	126	0.28		141	0.33
STEC O157	476	1.06	420	0.93		424	0.99
STEC non-O157	164	0.36	146	0.32		84	0.18
***Vibrio* , all species**	143	0.32	82	0.18	0.0000	106	0.25
Vibrio parahaemolyticus	92	0.20	48	0.11	0.0002	55	0.13
Vibrio vulnificus	16	0.04	9	0.02		14	0.03
***Vibrio* , all others**	35	0.08	25	0.06		37	0.09
Yersinia	122	0.27	126	0.28		121	0.28
Cryptosporidium	656	1.46	937	2.08	0.0000	617	1.38
Cyclospora	35	0.08	12	0.03	0.0007	34	0.08

FoodNet Data through September

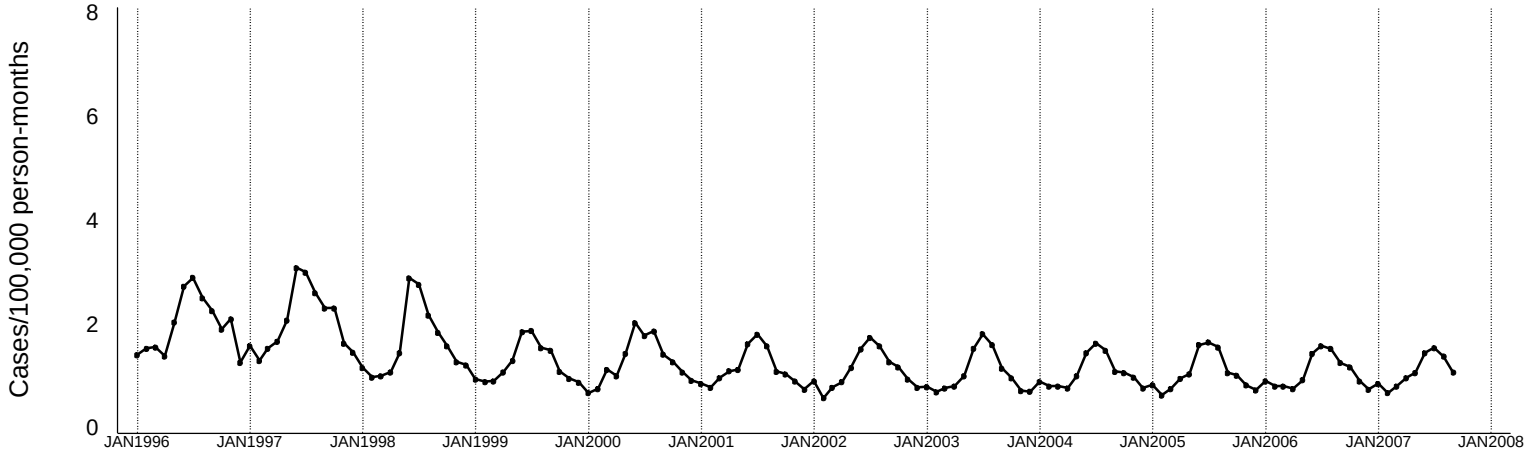
(data transmitted 11/16/2007)

Top 20 *Salmonella* Serotypes (ranked by 2006 year end counts)	2006		2007		2007 vs 2006
	# (%)	Rate	# (%)	Rate	p-value
***S.* Typhimurium**	896 (17.65)	1.99	714 (14.65)	1.59	0.0000
***S.* Enteritidis**	822 (16.19)	1.83	782 (16.04)	1.74	
***S.* Newport**	432 (8.51)	0.96	389 (7.98)	0.87	
***S.* Javiana**	218 (4.29)	0.48	194 (3.98)	0.43	
***S.* I 4,[5],12:i:-**	215 (4.24)	0.48	245 (5.03)	0.55	
***S.* Montevideo**	195 (3.84)	0.43	162 (3.32)	0.36	
***S.* Heidelberg**	190 (3.74)	0.42	189 (3.88)	0.42	
***S.* Muenchen**	120 (2.36)	0.27	139 (2.85)	0.31	
***S.* Mississippi**	118 (2.32)	0.26	27 (0.55)	0.06	0.0000
***S.* Saintpaul**	87 (1.71)	0.19	71 (1.46)	0.16	
***S.* Oranienburg**	77 (1.52)	0.17	71 (1.46)	0.16	
***S.* Infantis**	73 (1.44)	0.16	55 (1.13)	0.12	
***S.* Braenderup**	69 (1.36)	0.15	68 (1.39)	0.15	
***S.* Paratyphi B var L(+) Tartrate+**	76 (1.50)	0.17	42 (0.86)	0.09	0.0017
***S.* Agona**	56 (1.10)	0.12	67 (1.37)	0.15	
***S.* Thompson**	59 (1.16)	0.13	48 (0.98)	0.11	
***S.* Tennessee**	16 (0.32)	0.04	131 (2.69)	0.29	0.0000
***S.* Hadar**	48 (0.95)	0.11	30 (0.62)	0.07	0.0422
***S.* Bareilly**	38 (0.75)	0.08	35 (0.72)	0.08	
***S.* Anatum**	39 (0.77)	0.09	32 (0.66)	0.07	

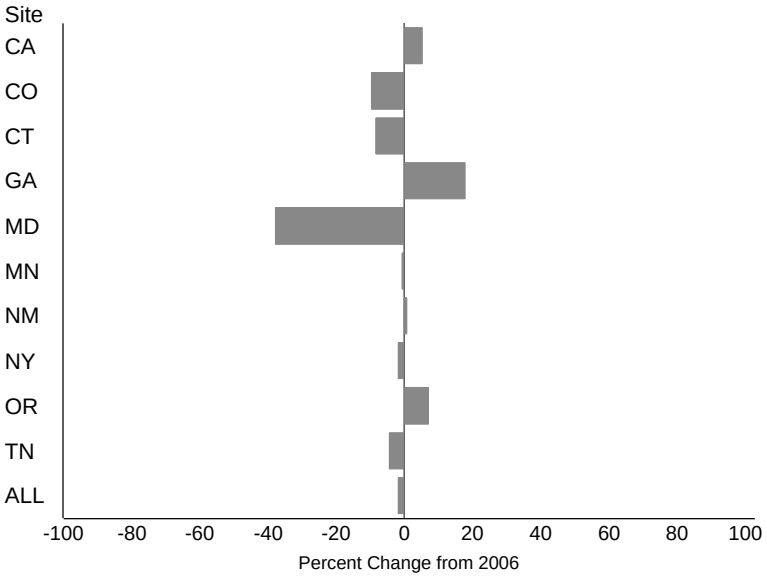
Overall Summary	2006		2007	
	# (%)	Rate	# (%)	Rate
Total number of *Samonella* cases	5076	11.29	4875	10.85
Fully Serotyped	4655 (91.71)		4368 (89.60)	
Partially Serotyped	122 (2.40)		67 (1.37)	
Rough/Nonmotil	27 (0.53)		18 (0.37)	
Not Serotyped (missing or unknown)	272 (5.36)		422 (8.66)	

Campylobacter

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site



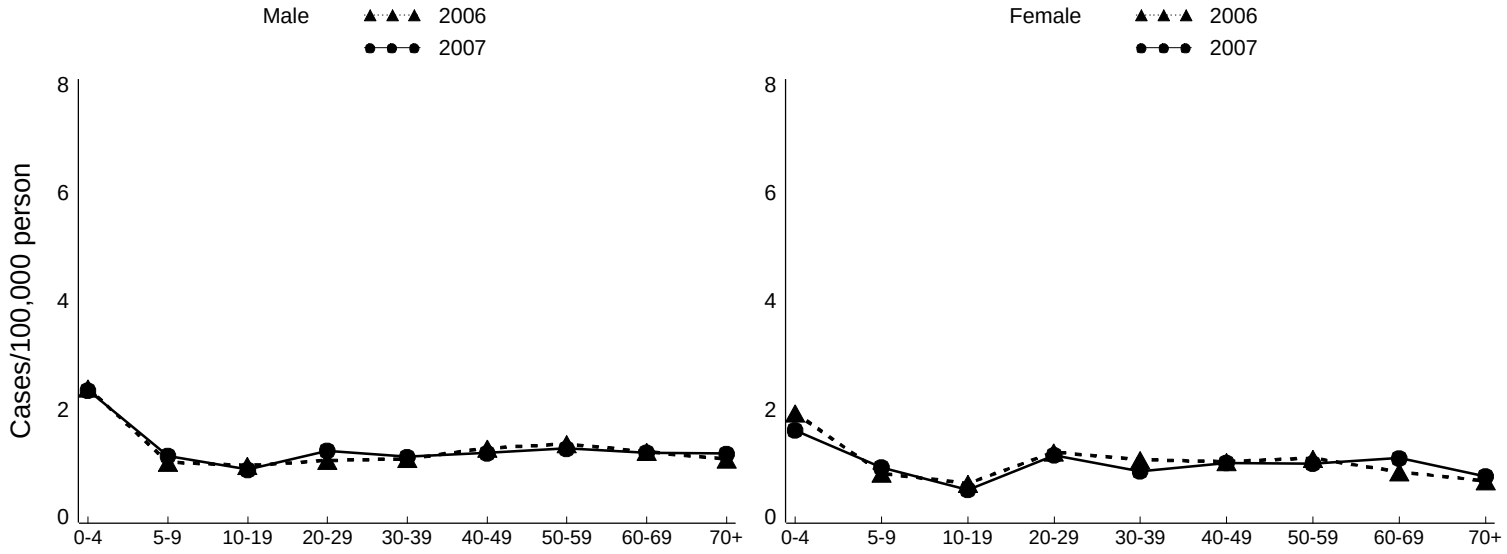
* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	703	21.93	668	20.84	711	22.16
CO	335	12.95	371	14.34	348	13.64
CT	388	11.05	423	12.05	432	12.36
GA	529	5.831	449	4.949	479	5.405
MD	223	3.982	359	6.410	311	5.603
MN	721	14.05	726	14.14	721	14.17
NM	278	14.42	276	14.31	274	14.25
NY	390	9.053	397	9.216	380	9.430
OR	527	14.47	492	13.51	491	13.66
TN	322	5.400	337	5.652	302	5.619
ALL	4416	9.824	4498	10.01	4448	10.13

*year 2002-2006 except for NM (2004-2006)

^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

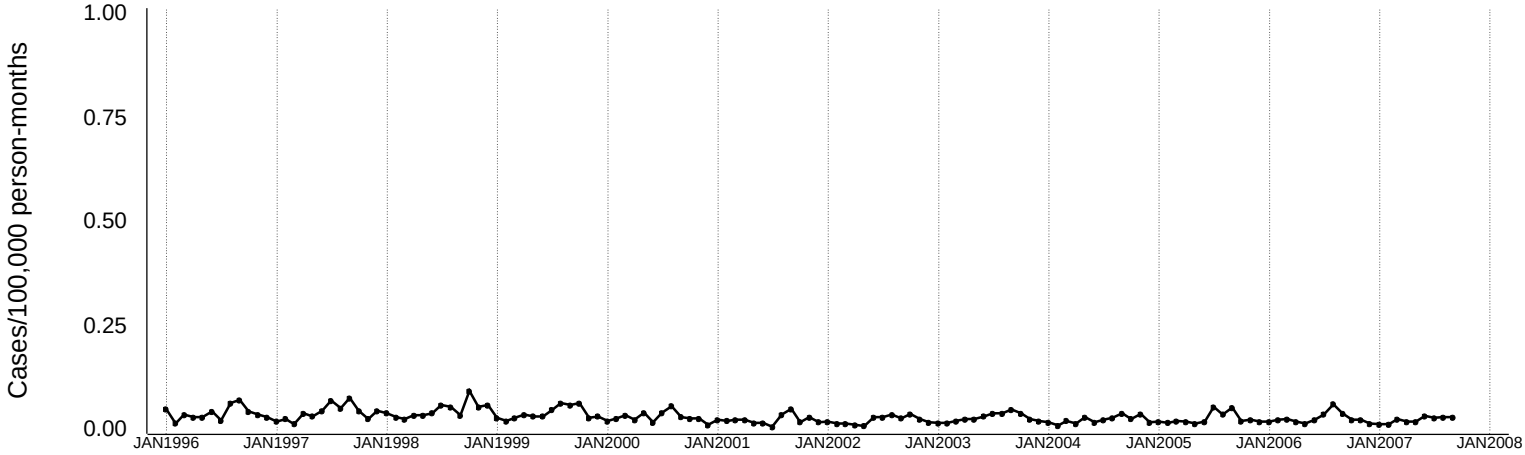


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

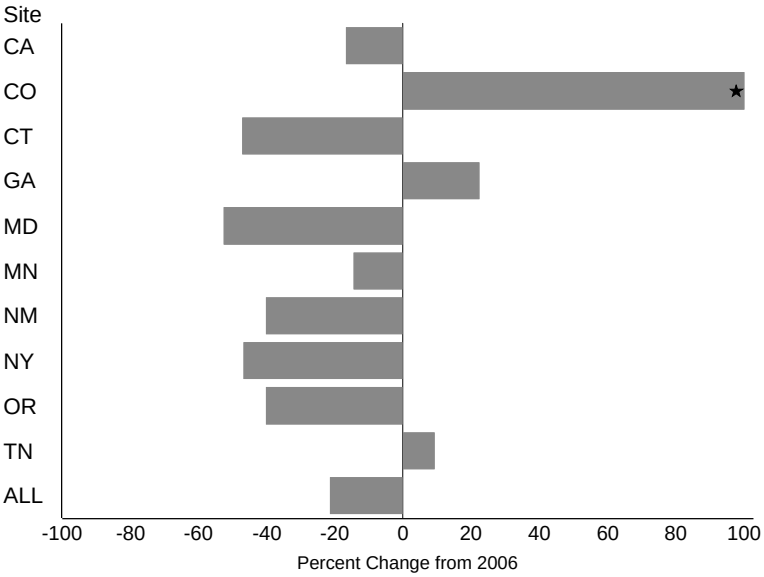
Report date: 21-November-2007

Listeria

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

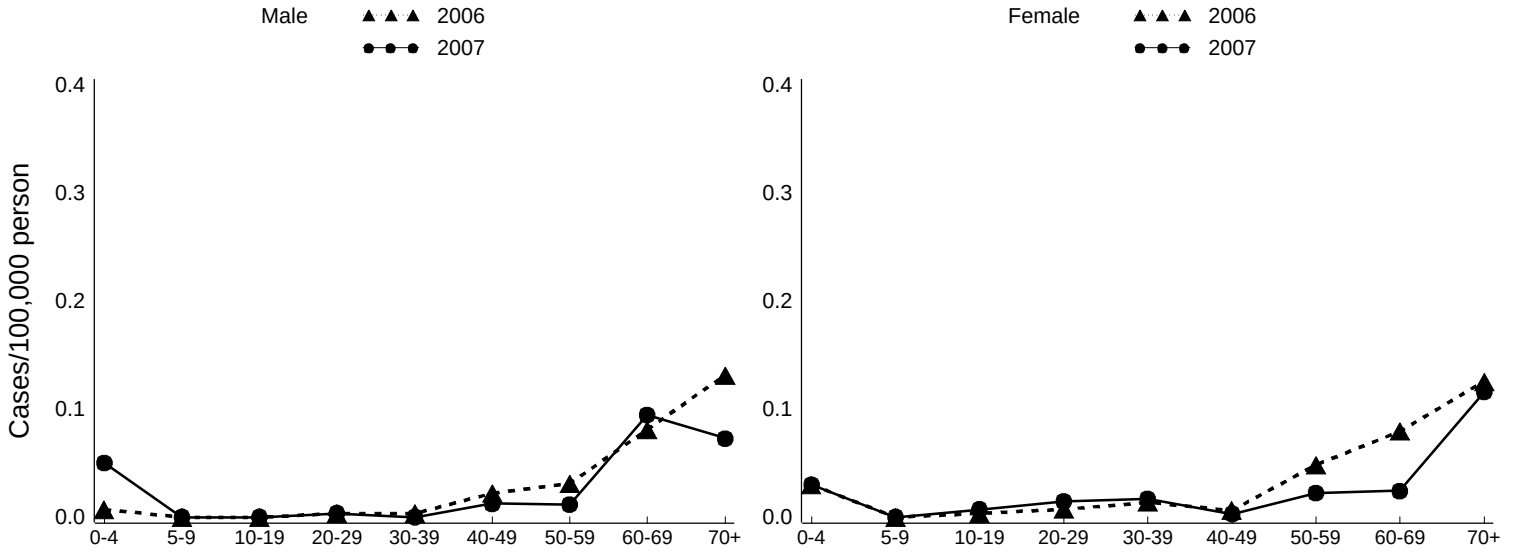


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	5	0.156	6	0.187	9	0.281
CO	8	0.309	3	0.116	4	0.141
CT	9	0.256	17	0.484	15	0.429
GA	22	0.242	18	0.198	18	0.200
MD	10	0.179	21	0.375	17	0.299
MN	6	0.117	7	0.136	5	0.090
NM	3	0.156	5	0.259	3	0.173
NY	8	0.186	15	0.348	12	0.301
OR	6	0.165	10	0.275	7	0.189
TN	12	0.201	11	0.184	9	0.159
ALL	89	0.198	113	0.251	98	0.223

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex



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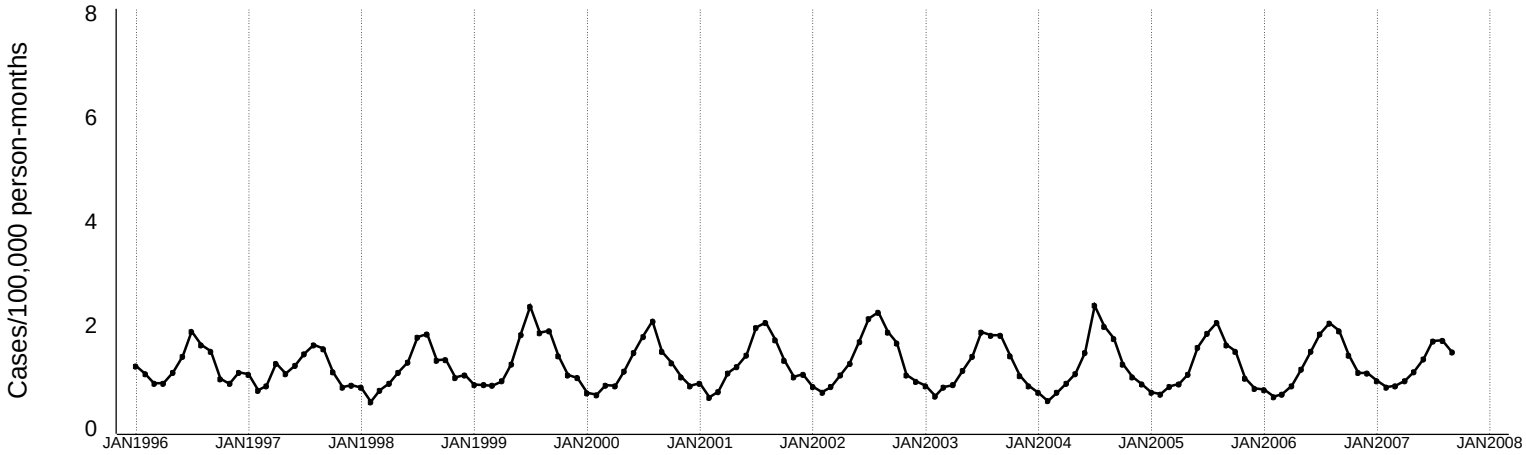
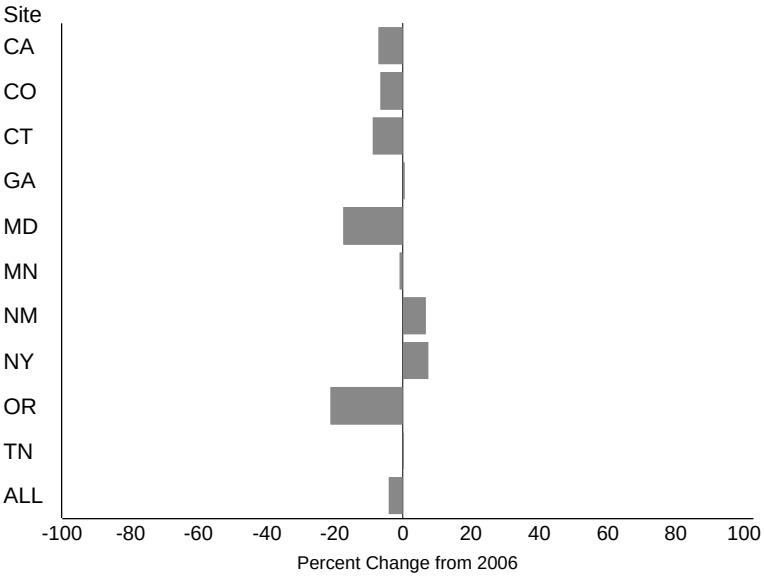
Report date: 21-November-2007

Salmonella, all serotypes

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

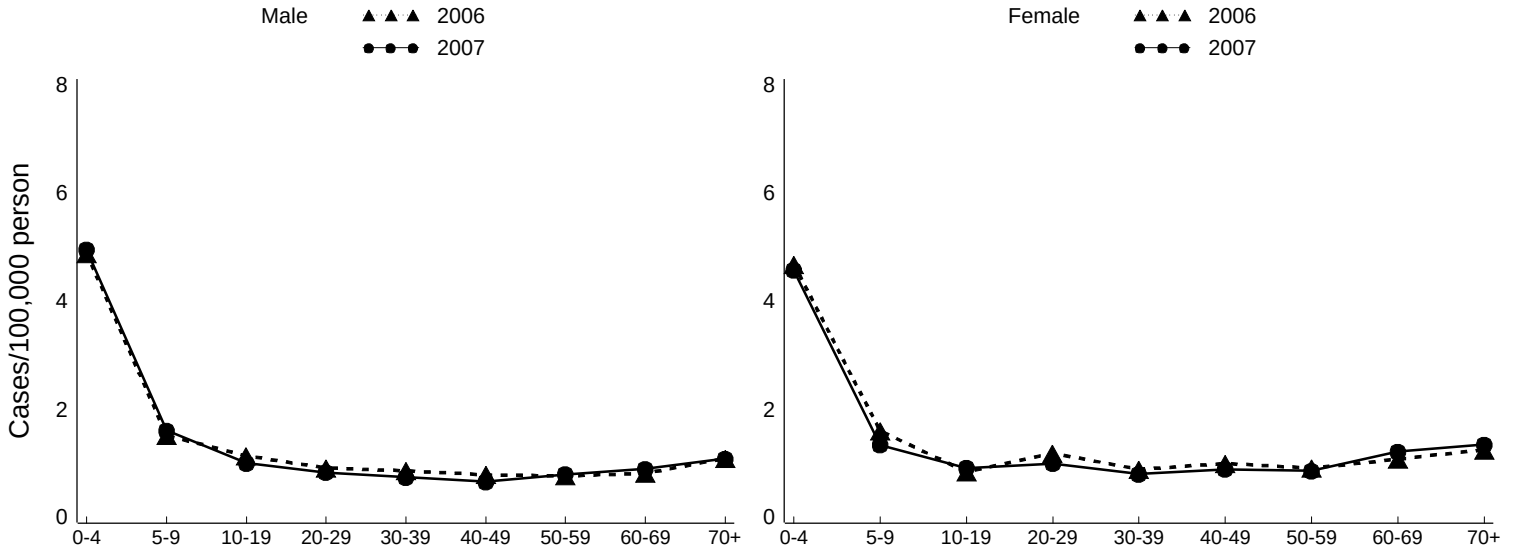


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	347	10.8	373	11.6	379	11.8
CO	258	9.97	276	10.7	249	9.77
CT	346	9.86	379	10.8	363	10.4
GA	1382	15.2	1377	15.2	1421	16.0
MD	489	8.73	591	10.6	650	11.7
MN	559	10.9	564	11.0	479	9.41
NM	214	11.1	201	10.4	208	10.9
NY	418	9.70	390	9.05	385	9.70
OR	240	6.59	304	8.35	294	8.19
TN	622	10.4	621	10.4	587	11.5
ALL	4875	10.8	5076	11.3	5016	11.5

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

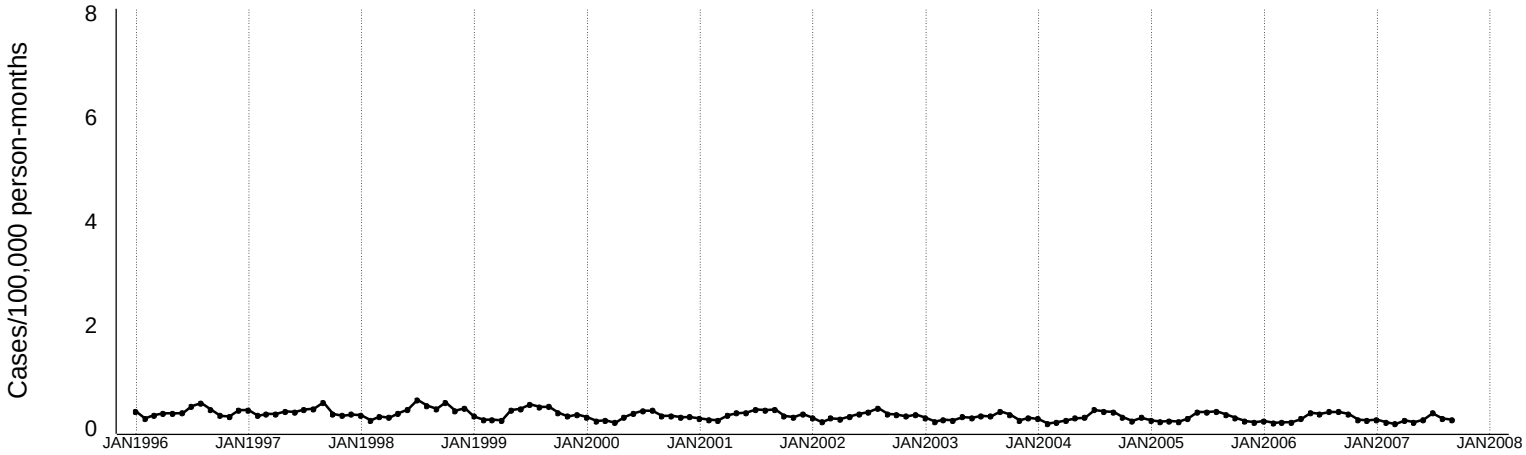


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

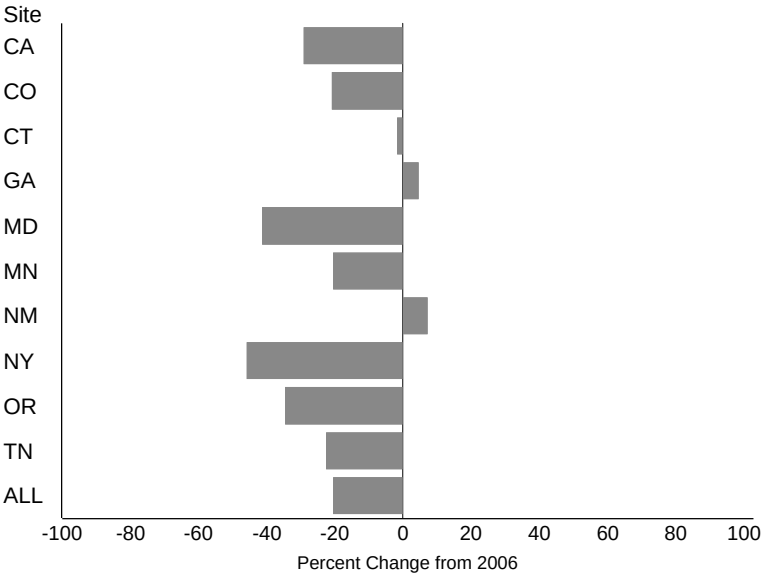
Report date: 21-November-2007

Salmonella Typhimurium

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

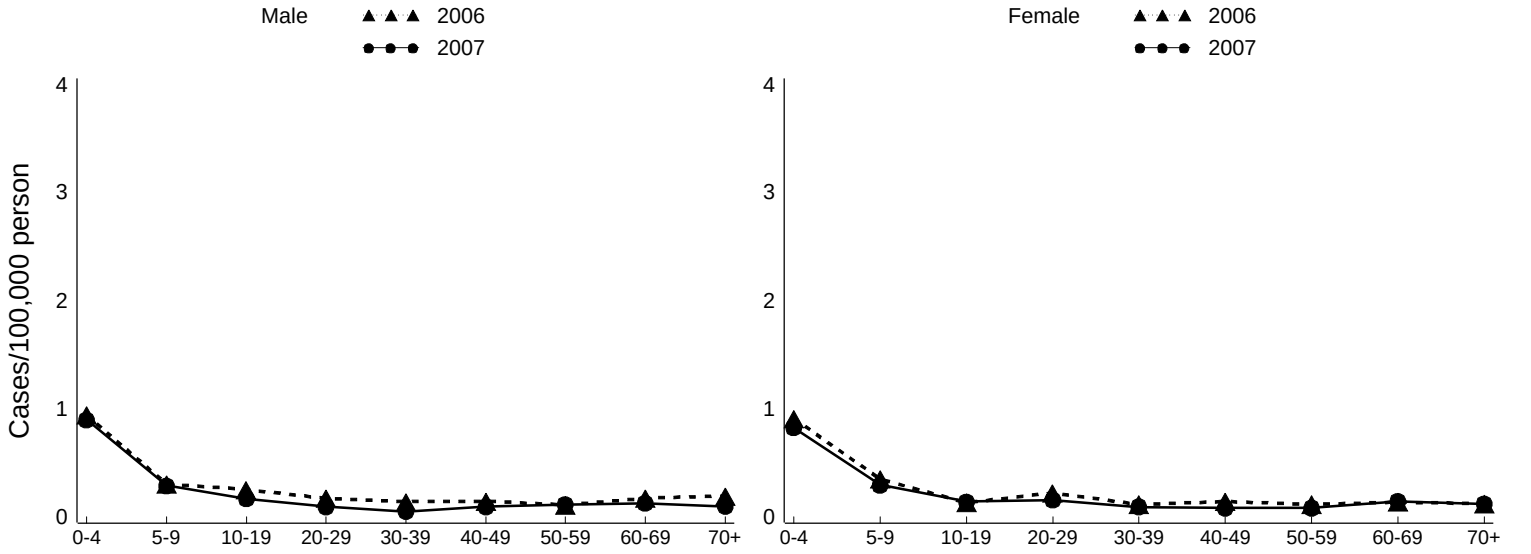


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	44	1.37	62	1.93	66	2.06
CO	46	1.78	58	2.24	59	2.30
CT	61	1.74	62	1.77	71	2.05
GA	188	2.07	180	1.98	206	2.32
MD	60	1.07	102	1.82	107	1.94
MN	102	1.99	128	2.49	105	2.07
NM	30	1.56	28	1.45	37	1.93
NY	56	1.30	103	2.39	77	1.89
OR	40	1.10	61	1.68	61	1.71
TN	87	1.46	112	1.88	118	2.33
ALL	714	1.59	896	1.99	907	2.09

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

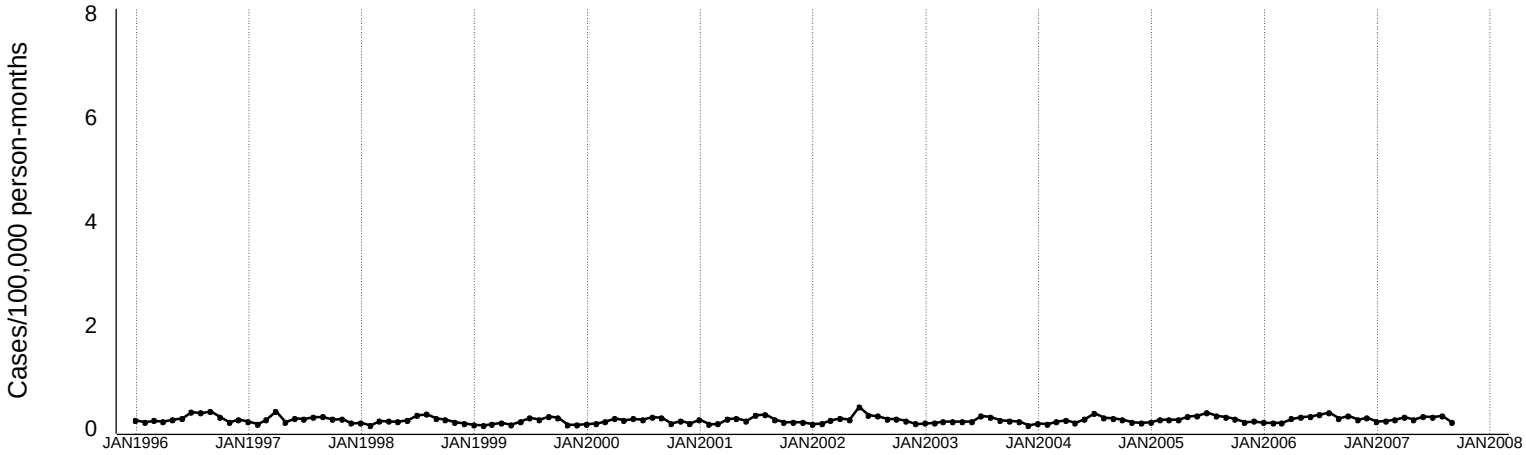


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

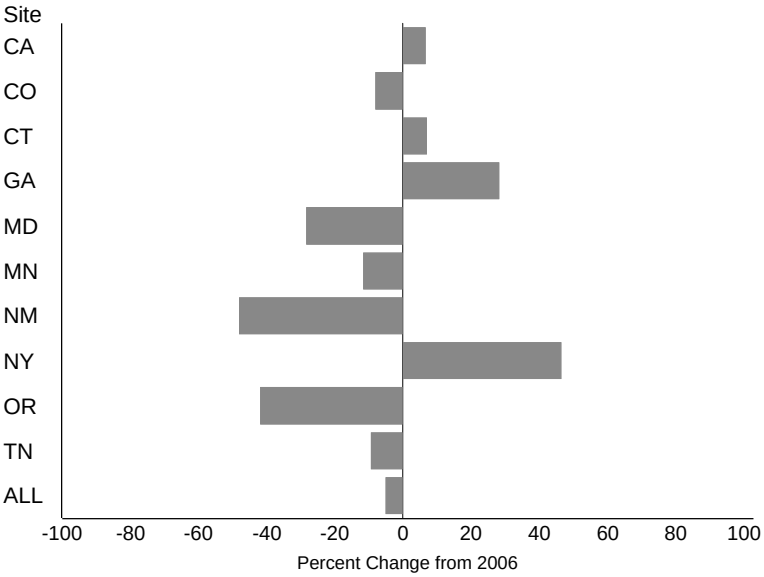
Report date: 21-November-2007

Salmonella Enteritidis

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

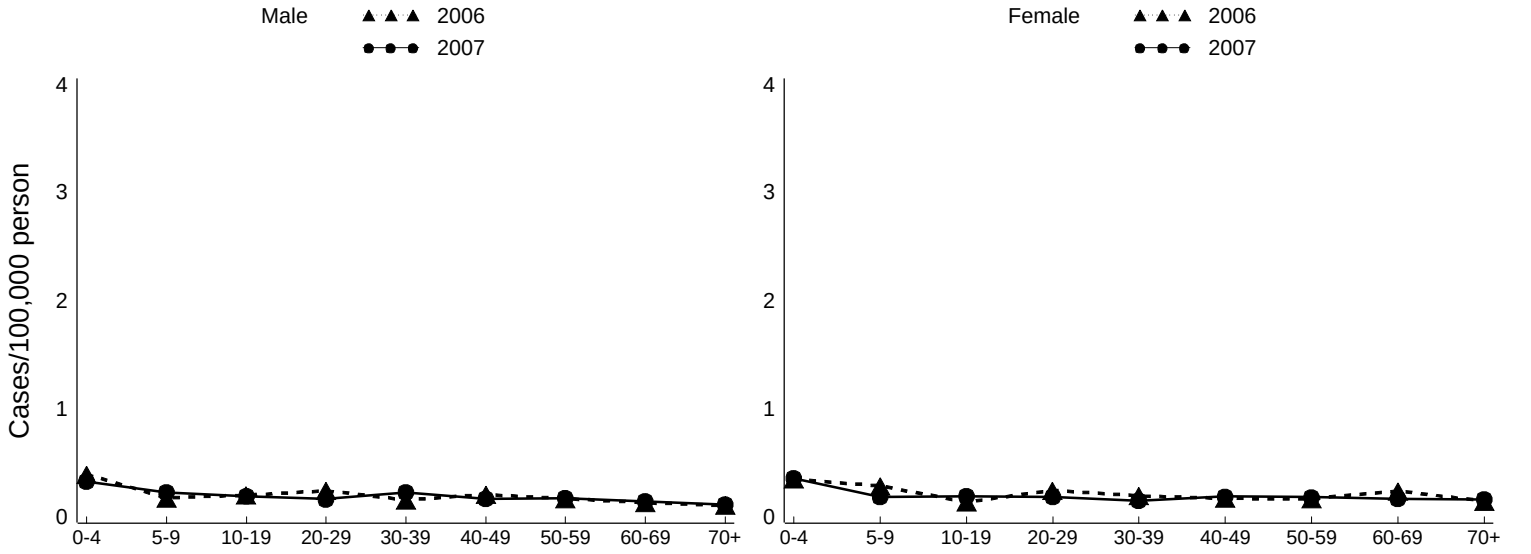


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	66	2.059	62	1.934	65	2.020
CO	46	1.778	50	1.933	44	1.726
CT	94	2.678	88	2.507	82	2.357
GA	128	1.411	100	1.102	87	0.981
MD	117	2.089	163	2.911	171	3.078
MN	116	2.260	131	2.552	93	1.817
NM	13	0.674	25	1.296	17	0.885
NY	98	2.275	67	1.555	79	2.056
OR	35	0.961	60	1.648	52	1.451
TN	69	1.157	76	1.275	58	1.079
ALL	782	1.740	822	1.829	748	1.730

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

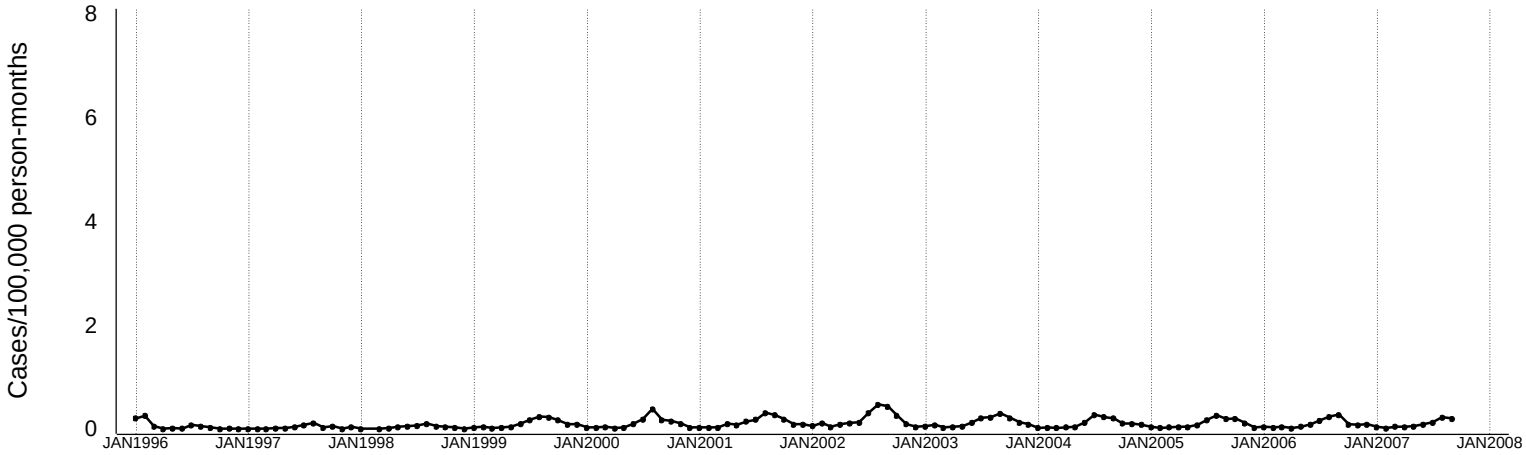


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

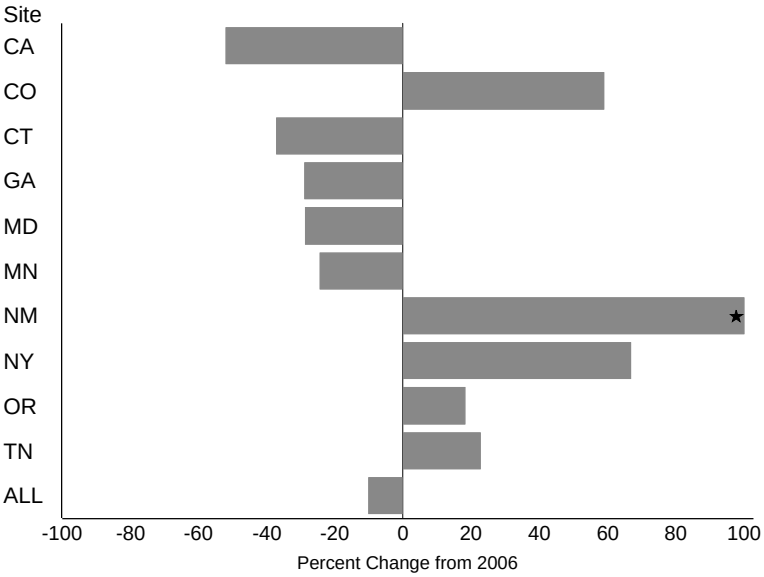
Report date: 21-November-2007

Salmonella Newport

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

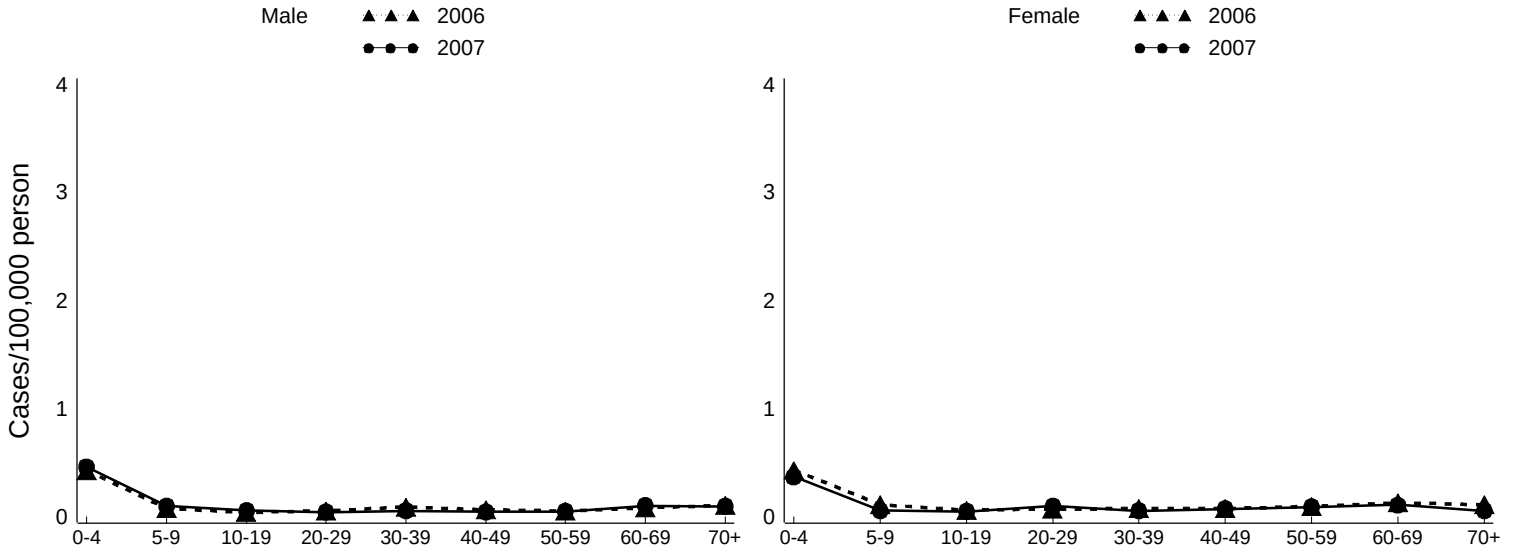


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	13	0.405	27	0.842	23	0.717
CO	27	1.044	17	0.657	21	0.824
CT	22	0.627	35	0.997	24	0.699
GA	124	1.367	174	1.918	217	2.452
MD	30	0.536	42	0.750	46	0.836
MN	28	0.546	37	0.721	36	0.716
NM	32	1.659	15	0.778	19	0.991
NY	35	0.812	21	0.487	40	1.076
OR	13	0.357	11	0.302	19	0.526
TN	65	1.090	53	0.889	55	1.145
ALL	389	0.865	432	0.961	501	1.170

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

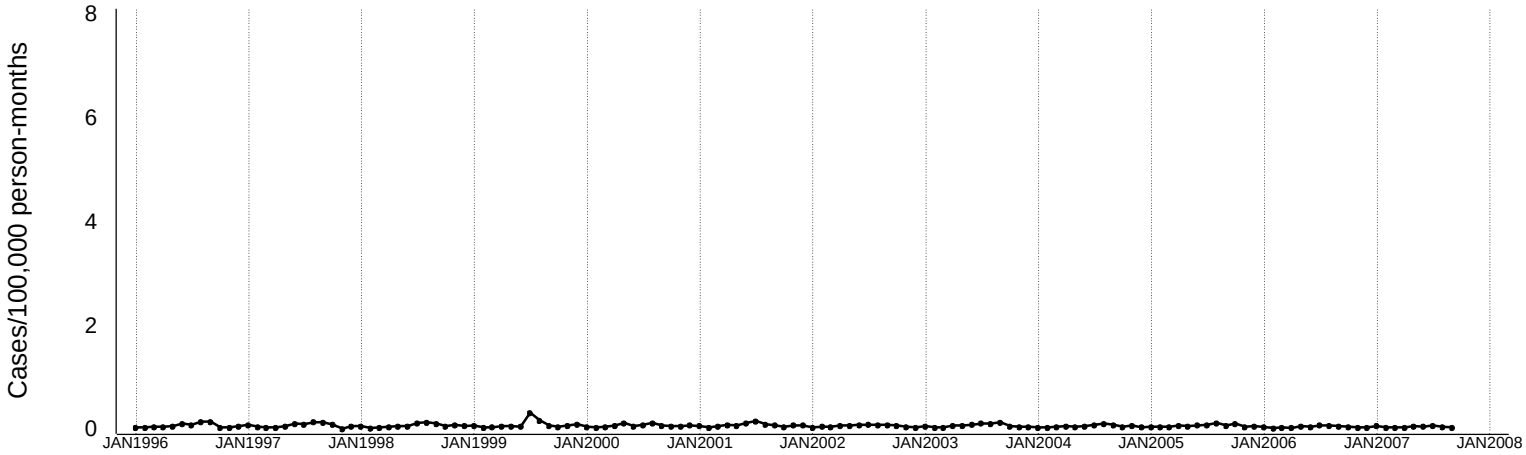


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

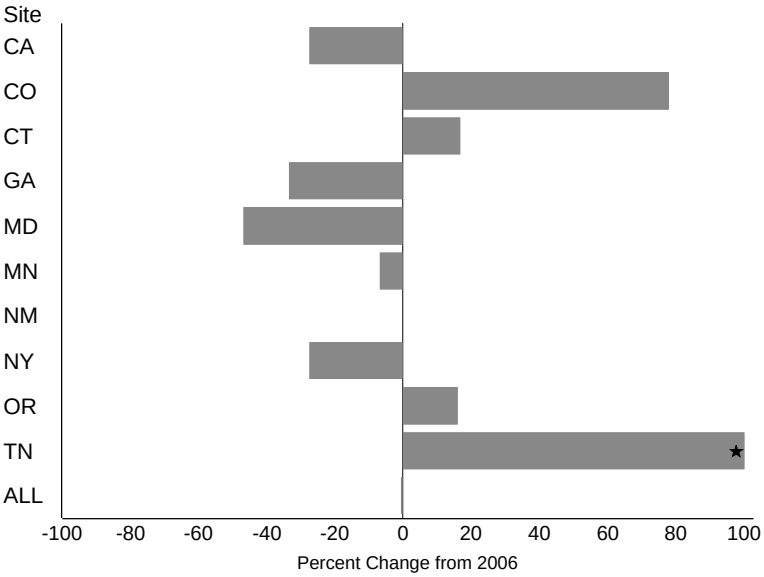
Report date: 21-November-2007

Salmonella Heidelberg

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

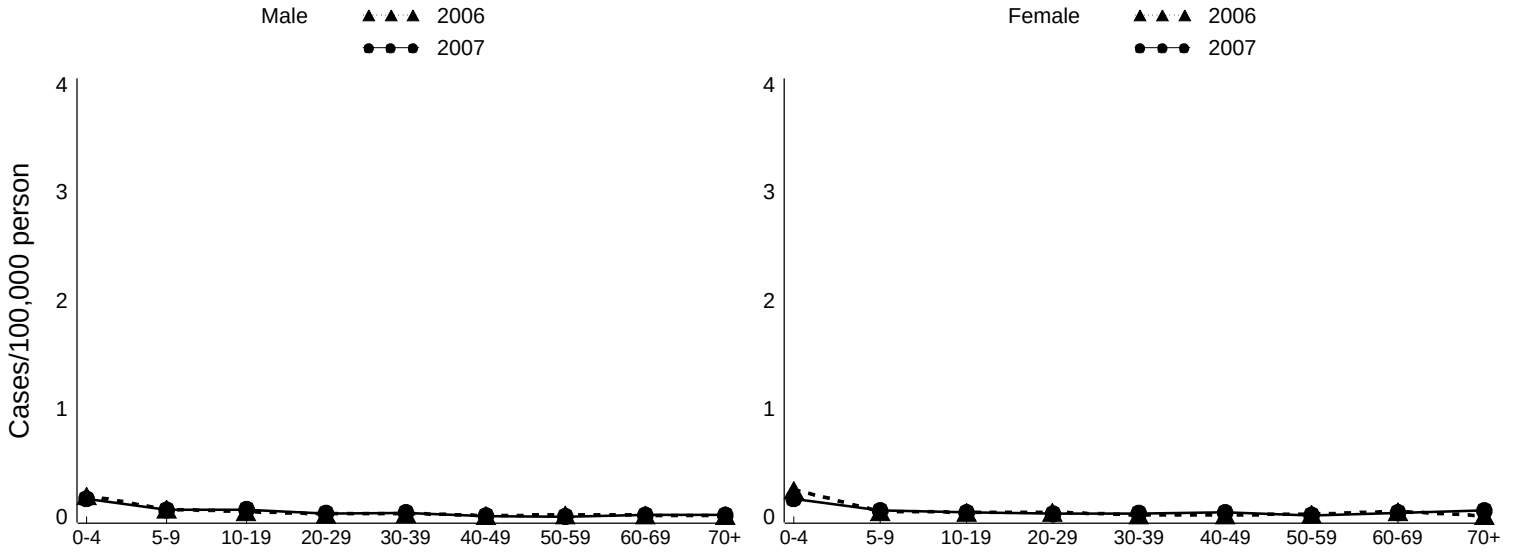


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	16	0.499	22	0.686	34	1.066
CO	16	0.619	9	0.348	12	0.456
CT	14	0.399	12	0.342	18	0.504
GA	34	0.375	51	0.562	52	0.584
MD	8	0.143	15	0.268	23	0.423
MN	14	0.273	15	0.292	28	0.543
NM	4	0.207	4	0.207	5	0.243
NY	16	0.371	22	0.511	27	0.672
OR	22	0.604	19	0.522	23	0.650
TN	45	0.755	21	0.352	23	0.457
ALL	189	0.420	190	0.423	245	0.569

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex



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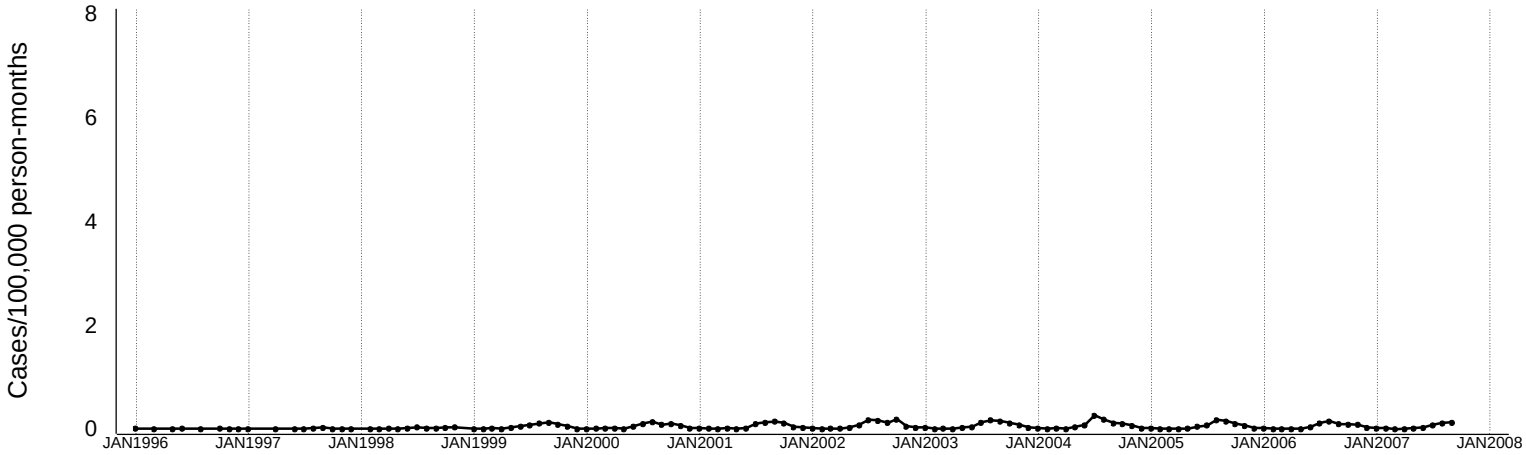
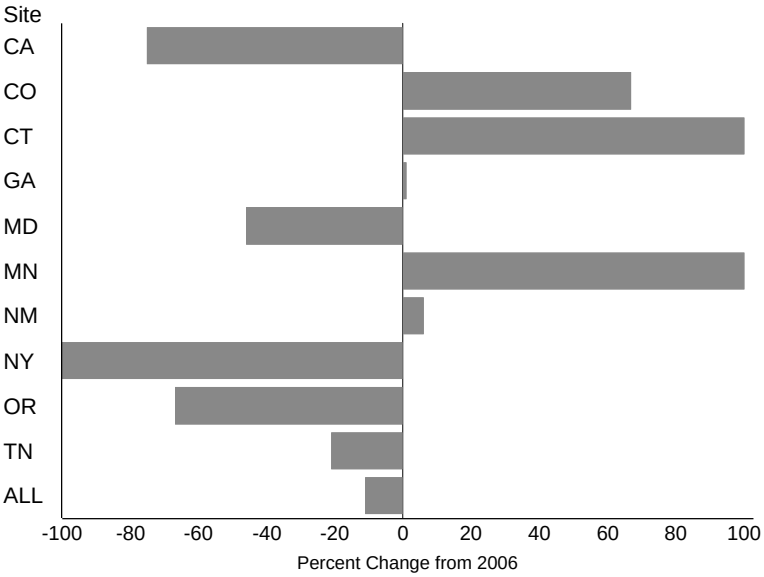
Report date: 21-November-2007

Salmonella Javiana

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

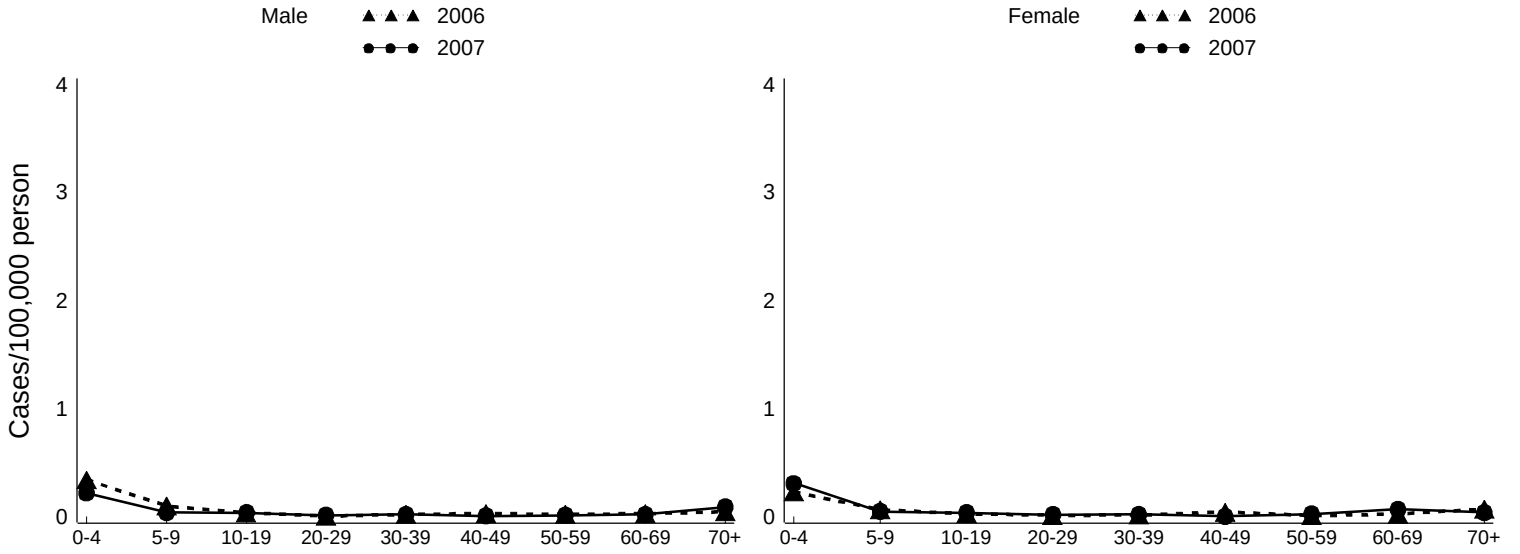


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.031	4	0.125	3	0.094
CO	5	0.193	3	0.116	3	0.126
CT	2	0.057	1	0.028	5	0.155
GA	131	1.444	130	1.433	166	1.869
MD	13	0.232	24	0.429	32	0.584
MN	4	0.078	2	0.039	5	0.091
NM	18	0.933	17	0.882	15	0.781
NY	0	0.000	10	0.232	7	0.169
OR	1	0.027	3	0.082	2	0.061
TN	19	0.319	24	0.402	23	0.468
ALL	194	0.432	218	0.485	261	0.598

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

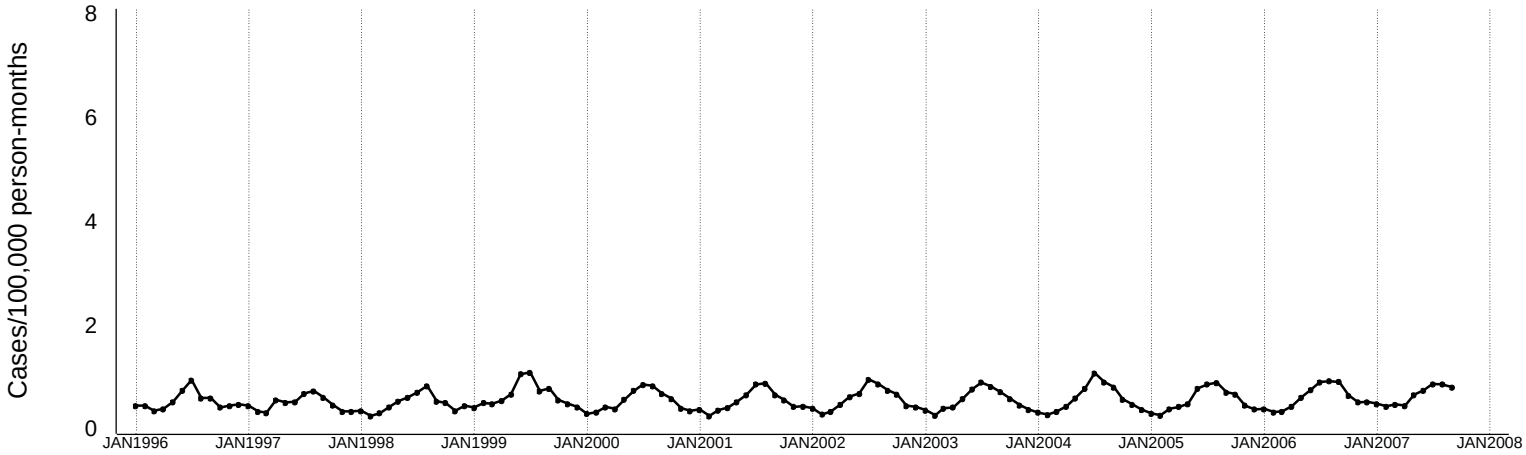


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

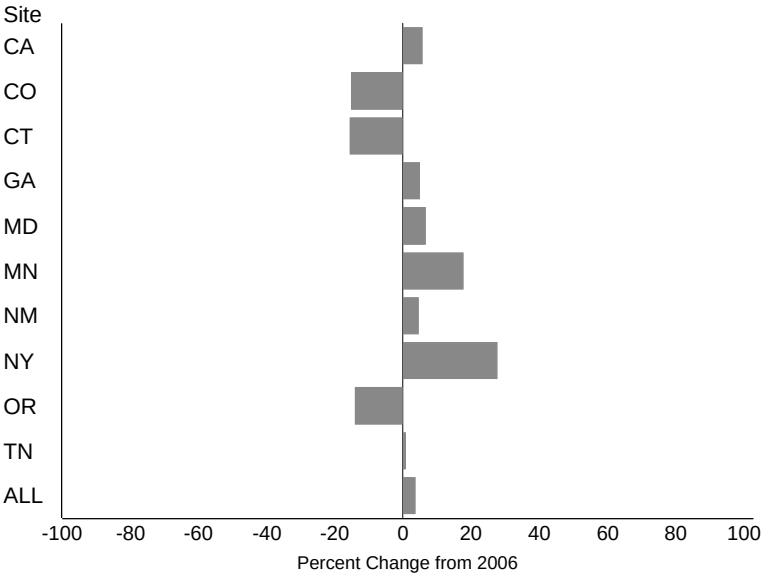
Report date: 21-November-2007

Salmonella, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

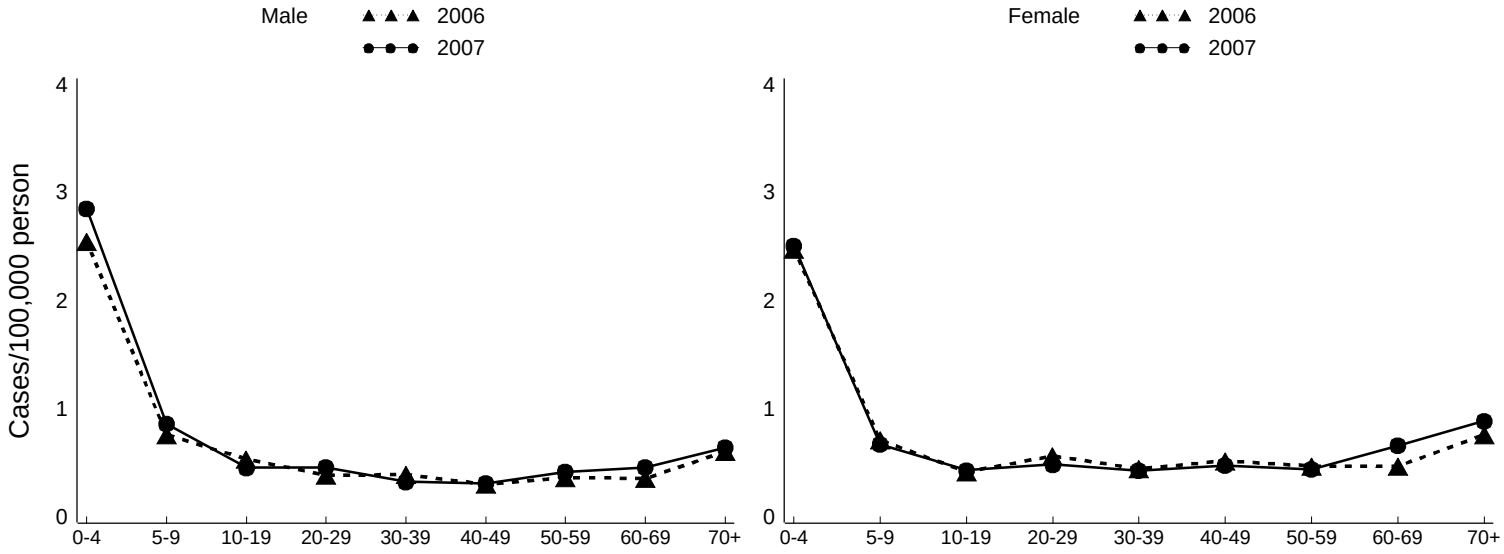


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	207	6.46	196	6.11	188	5.85
CO	118	4.56	139	5.37	111	4.34
CT	153	4.36	181	5.16	162	4.62
GA	777	8.56	742	8.18	694	7.81
MD	261	4.66	245	4.37	271	4.89
MN	295	5.75	251	4.89	213	4.18
NM	117	6.07	112	5.81	116	6.03
NY	213	4.94	167	3.88	156	3.84
OR	129	3.54	150	4.12	136	3.79
TN	337	5.65	335	5.62	309	5.99
ALL	2607	5.80	2518	5.60	2354	5.38

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

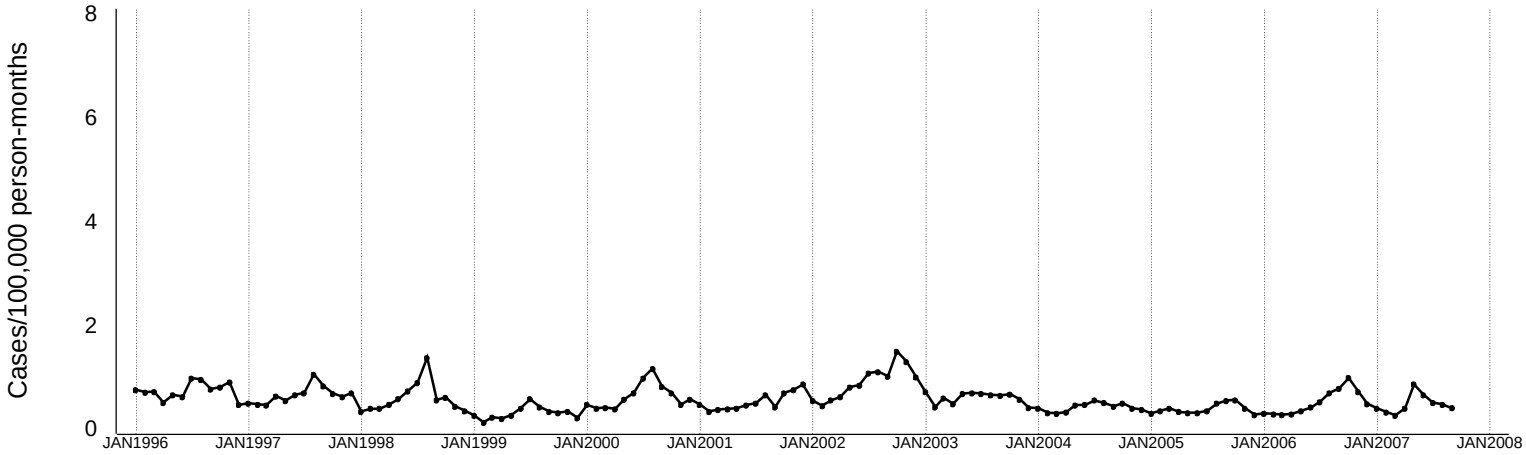


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

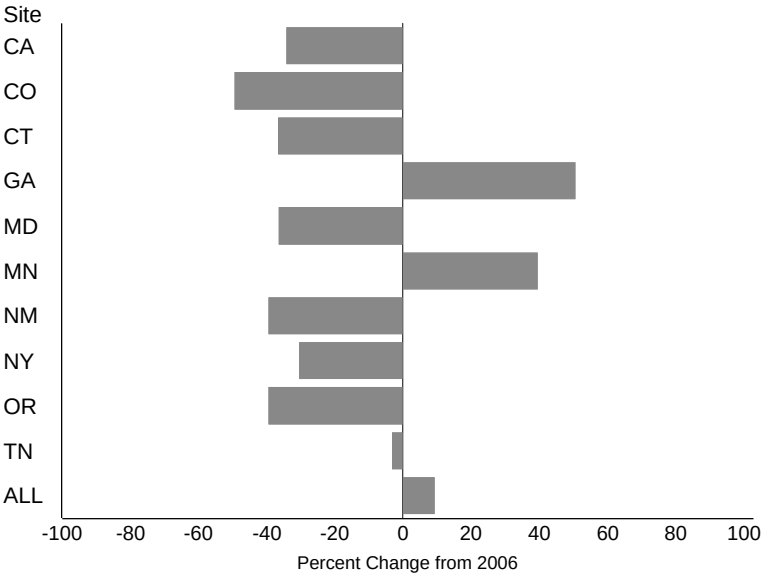
Report date: 21-November-2007

Shigella, all species

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

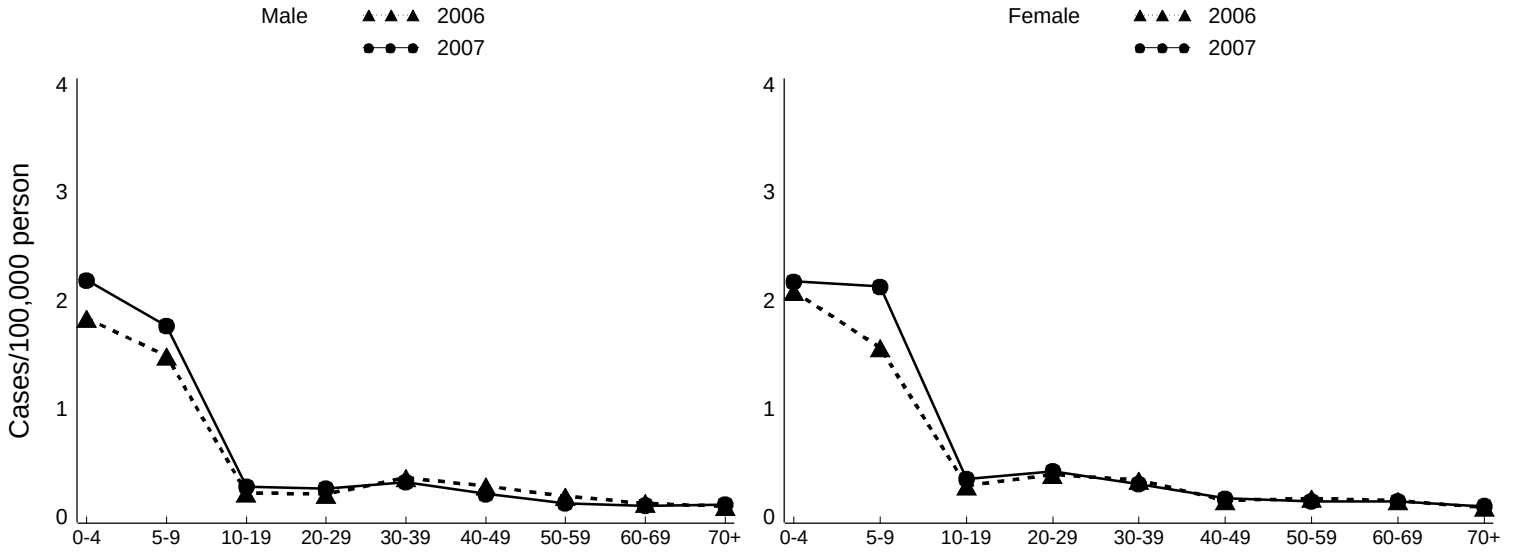


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	136	4.24	206	6.43	224	6.98
CO	64	2.47	126	4.87	103	4.04
CT	33	0.94	52	1.48	56	1.59
GA	1170	12.9	778	8.58	734	8.32
MD	58	1.04	91	1.62	306	5.57
MN	195	3.80	140	2.73	105	2.06
NM	80	4.15	132	6.85	109	5.66
NY	30	0.70	43	1.00	86	2.09
OR	48	1.32	79	2.17	67	1.86
TN	125	2.10	129	2.16	256	4.55
ALL	1939	4.31	1776	3.95	2044	4.75

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

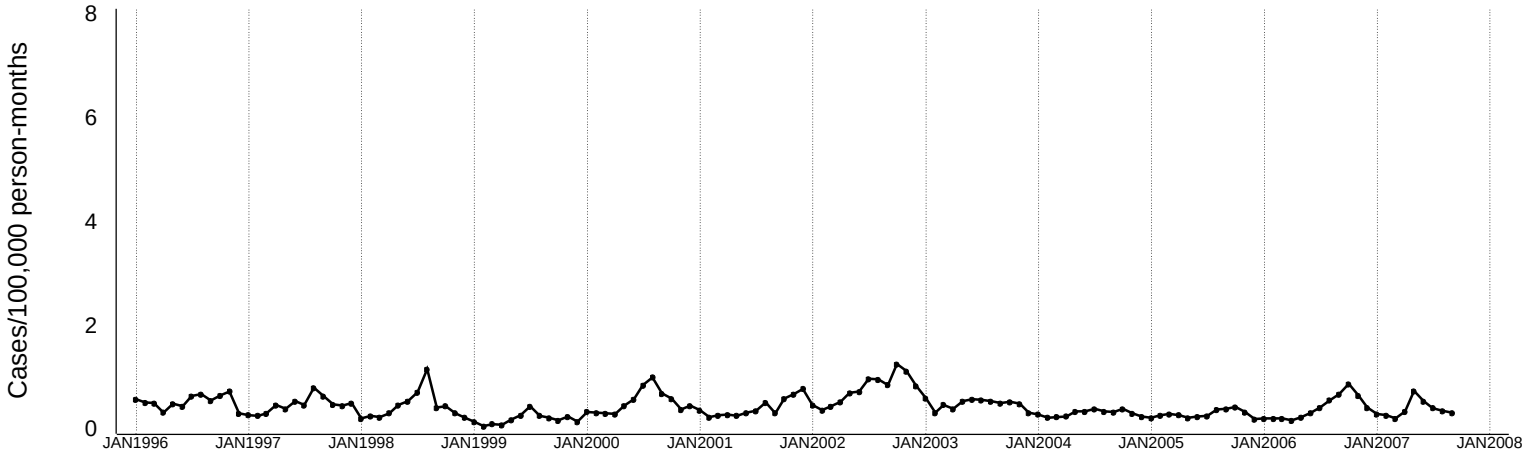


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

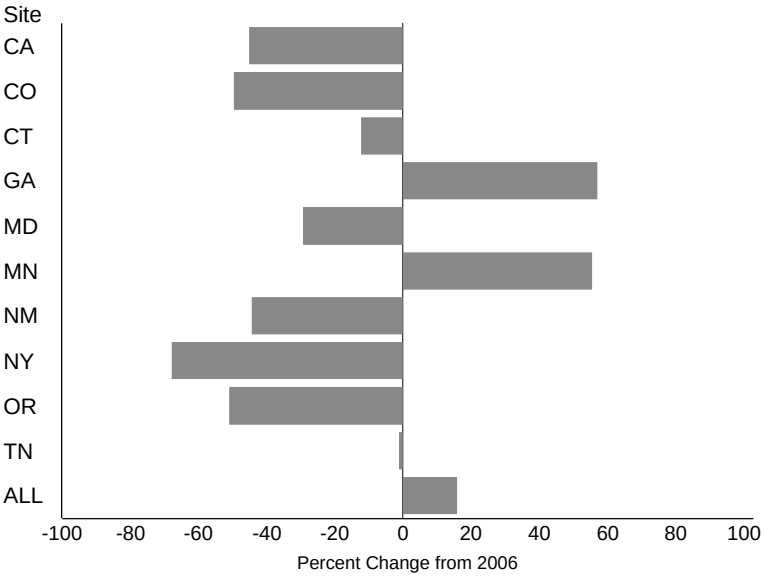
Report date: 21-November-2007

Shigella sonnei

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

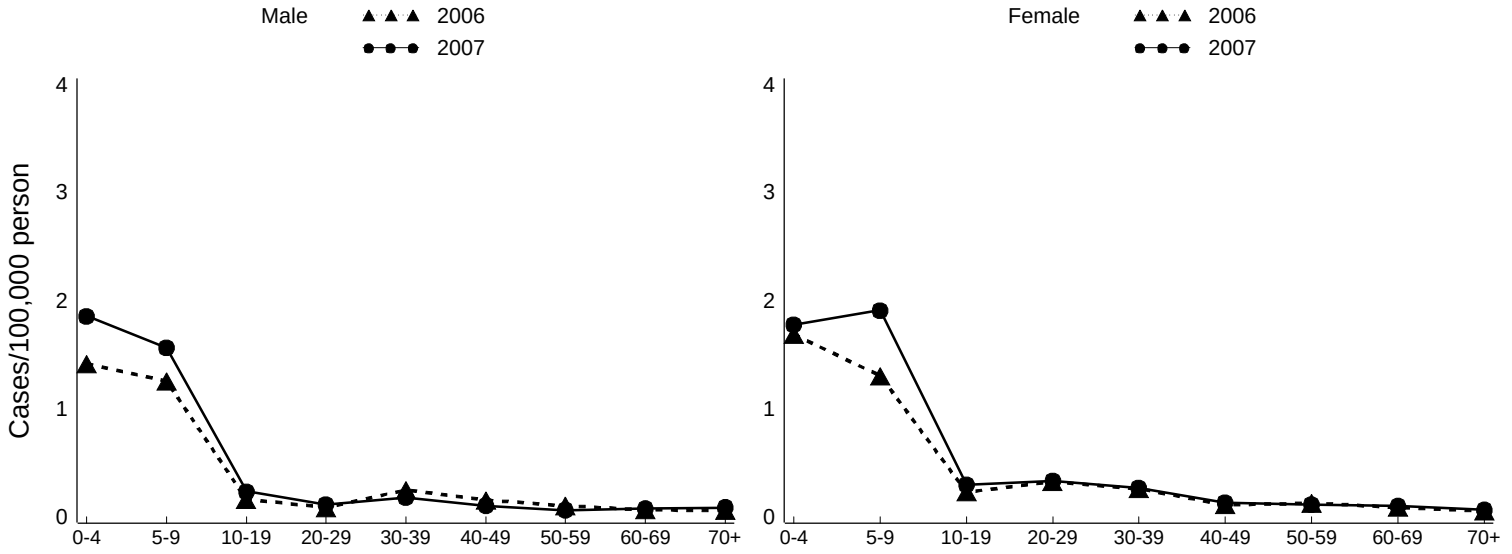


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	66	2.059	120	3.743	129	4.020
CO	46	1.778	91	3.518	71	2.805
CT	22	0.627	25	0.712	35	1.015
GA	1002	11.04	639	7.043	606	6.875
MD	34	0.607	48	0.857	264	4.820
MN	174	3.390	112	2.182	79	1.559
NM	58	3.008	104	5.393	70	3.661
NY	11	0.255	34	0.789	76	1.830
OR	29	0.796	59	1.620	46	1.268
TN	102	1.711	103	1.727	220	3.875
ALL	1544	3.435	1335	2.970	1597	3.743

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

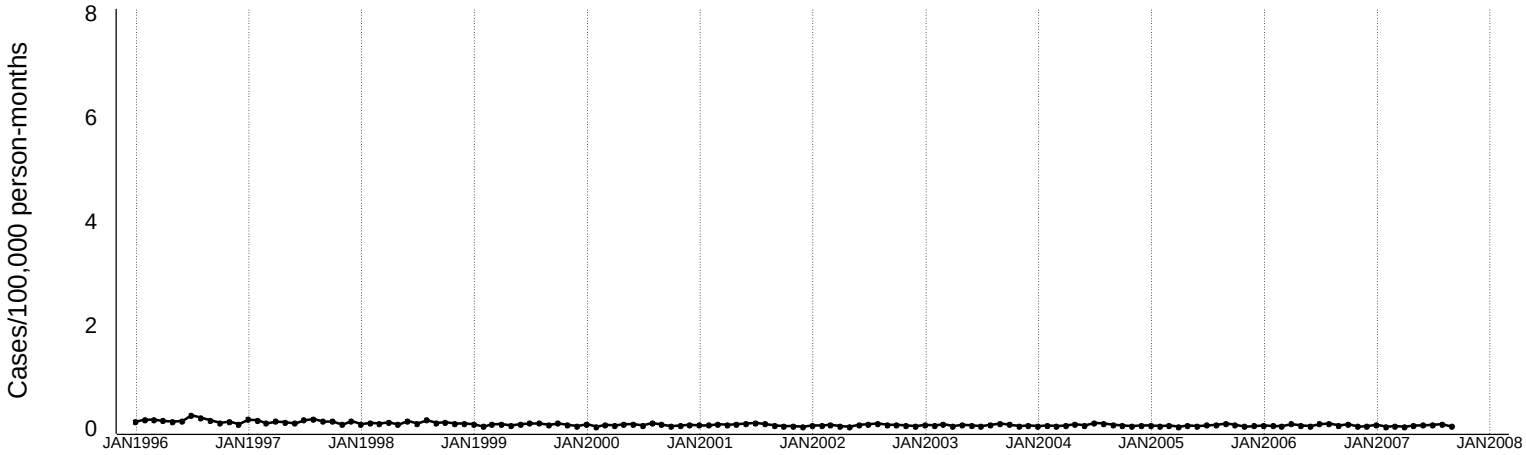


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

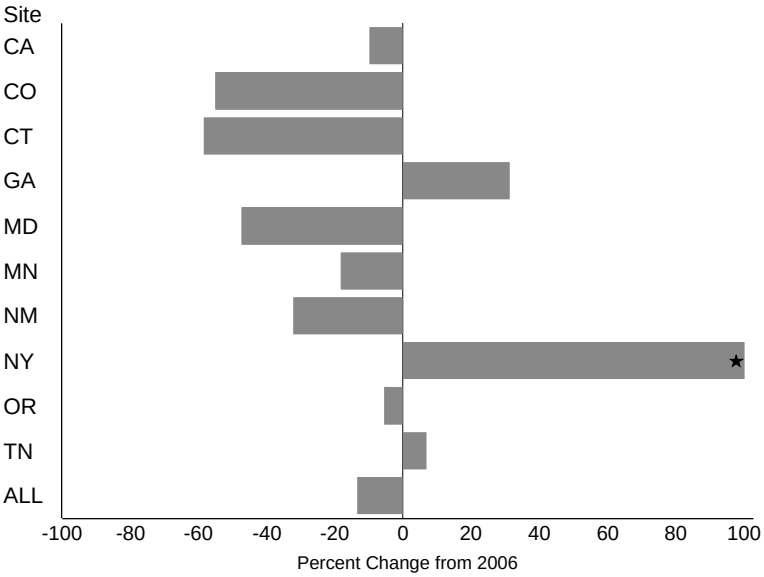
Report date: 21-November-2007

Shigella flexneri

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

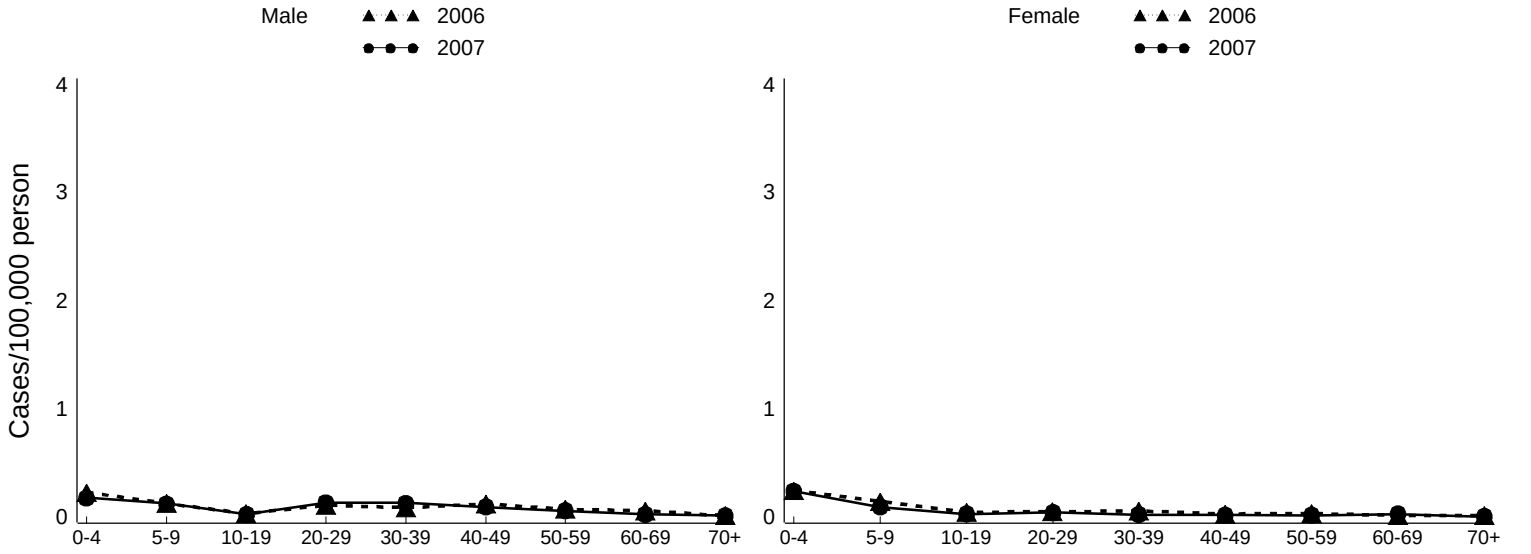


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	65	2.027	72	2.246	74	2.294
CO	14	0.541	31	1.198	27	1.043
CT	10	0.285	24	0.684	17	0.498
GA	76	0.838	58	0.639	60	0.681
MD	19	0.339	36	0.643	32	0.584
MN	18	0.351	22	0.429	21	0.421
NM	17	0.882	25	1.296	32	1.686
NY	16	0.371	8	0.186	9	0.210
OR	18	0.494	19	0.522	20	0.557
TN	16	0.268	15	0.252	13	0.270
ALL	269	0.598	310	0.690	306	0.684

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

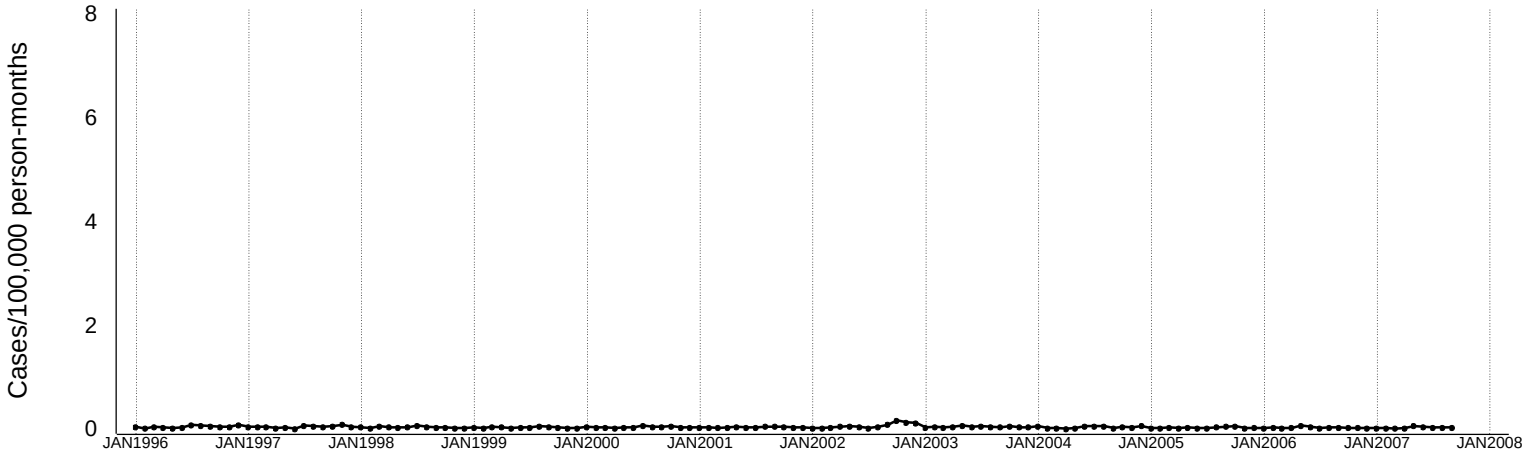


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

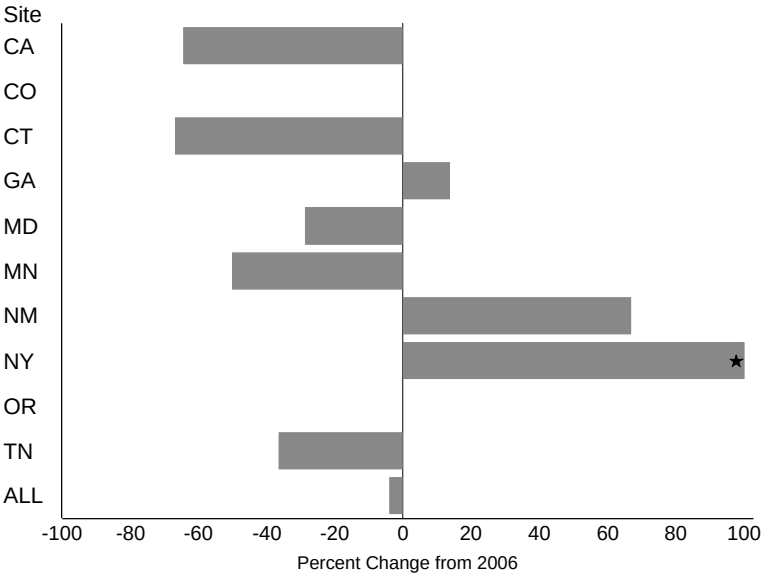
Report date: 21-November-2007

Shigella, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

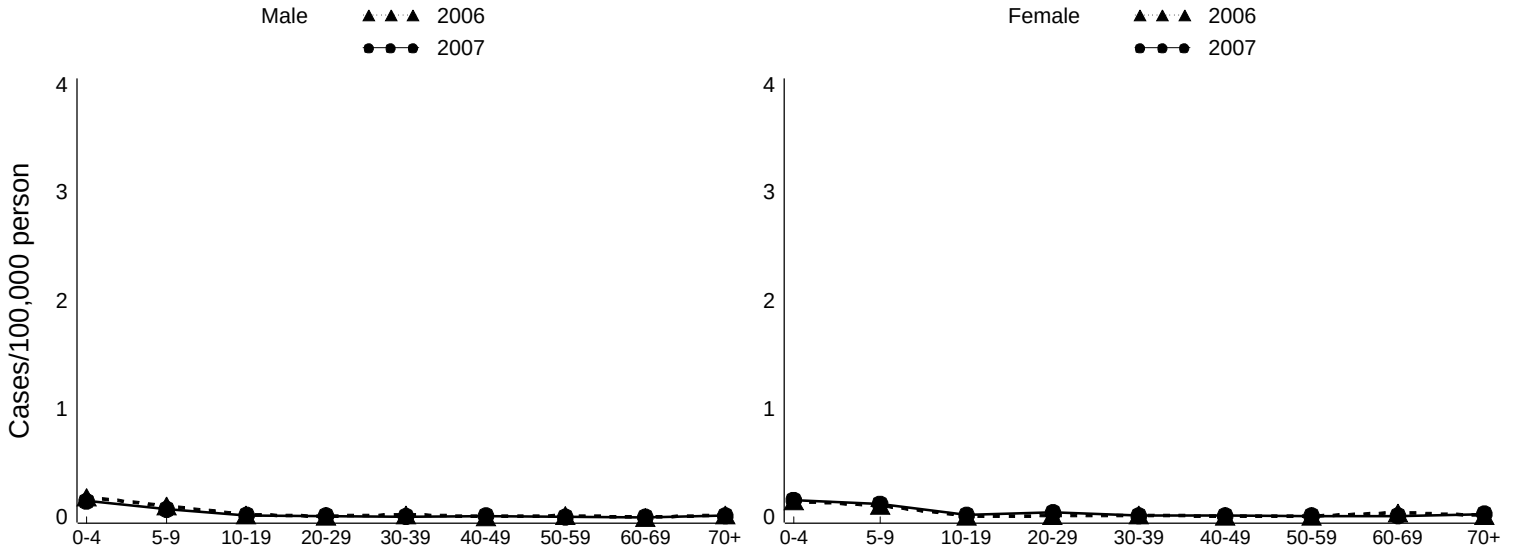


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	5	0.156	14	0.437	21	0.661
CO	4	0.155	4	0.155	5	0.197
CT	1	0.028	3	0.085	3	0.080
GA	92	1.014	81	0.893	67	0.761
MD	5	0.089	7	0.125	9	0.167
MN	3	0.058	6	0.117	4	0.079
NM	5	0.259	3	0.156	6	0.312
NY	3	0.070	1	0.023	2	0.053
OR	1	0.027	1	0.027	1	0.039
TN	7	0.117	11	0.184	22	0.409
ALL	126	0.280	131	0.291	141	0.327

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex



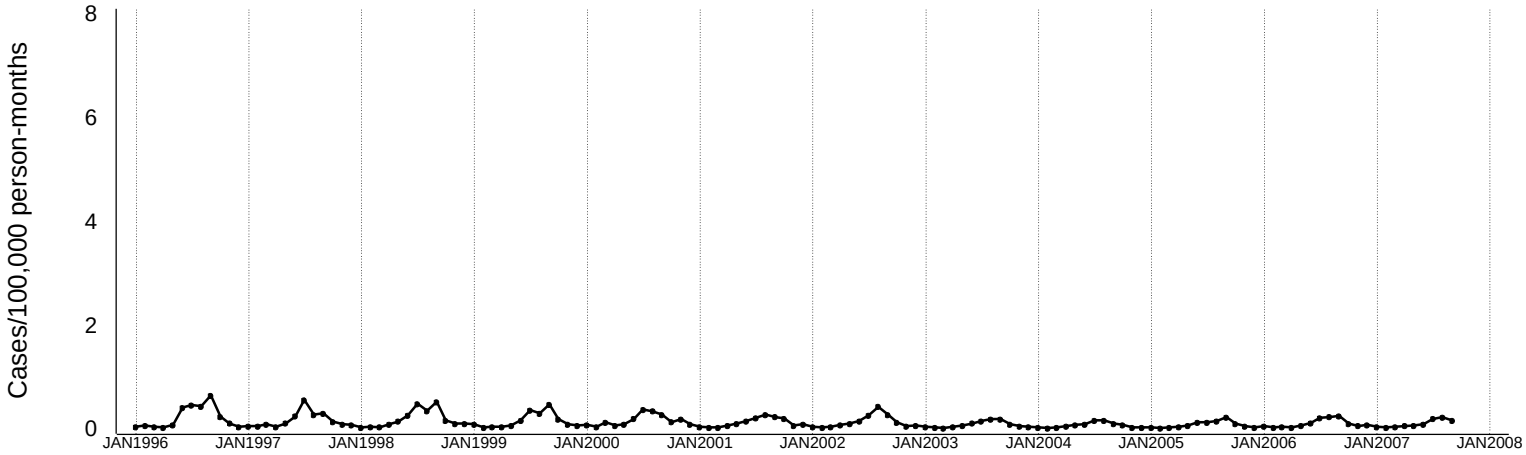
Data source: Preliminary FoodNet data, subject to change, not for public distribution.

Report date: 21-November-2007

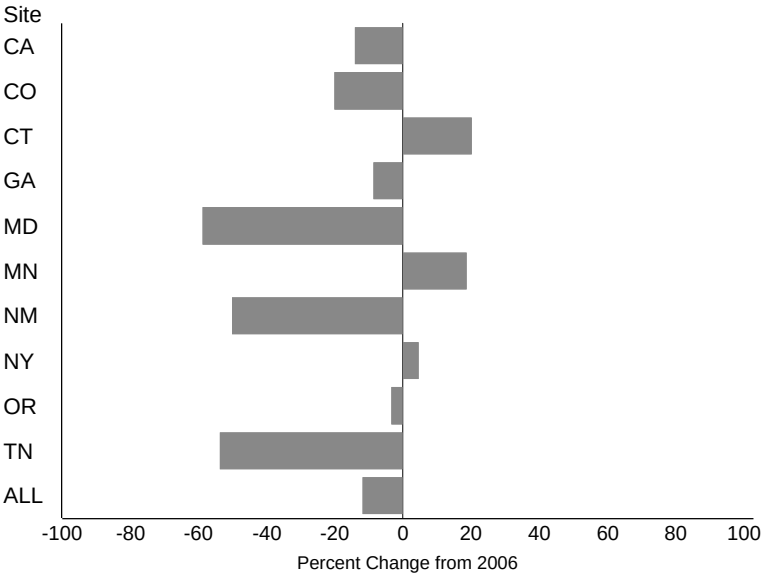
STEC O157

30

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

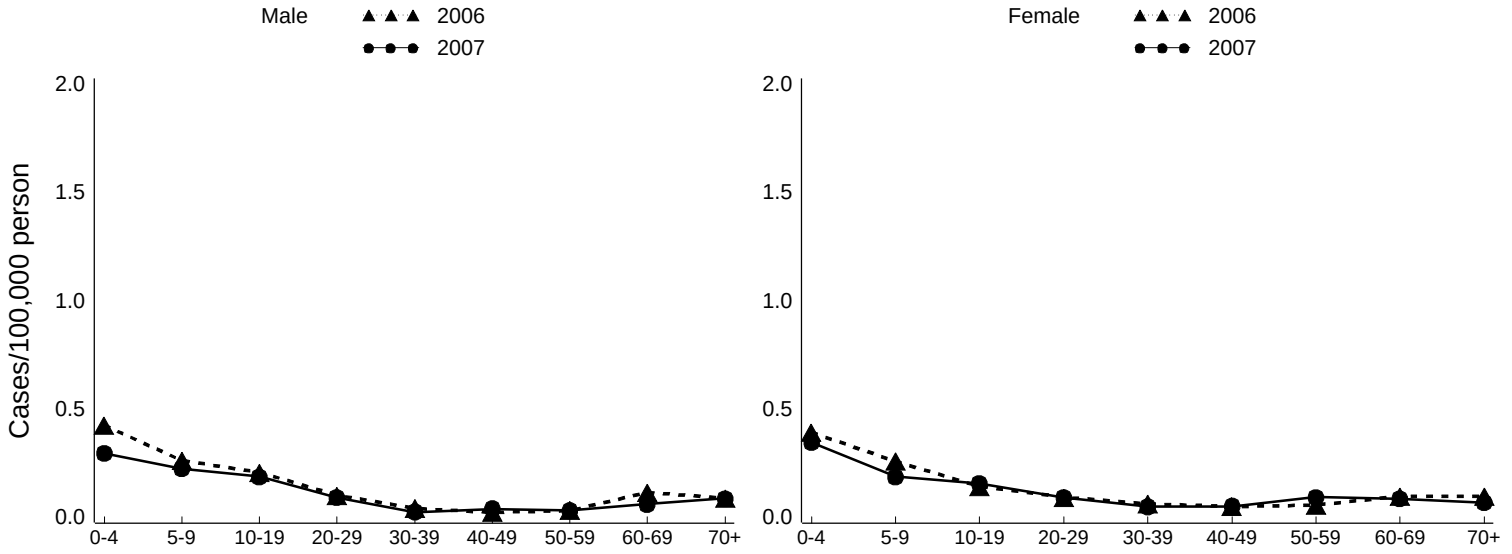


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	31	0.967	36	1.123	25	0.773
CO	20	0.773	25	0.967	30	1.166
CT	36	1.026	30	0.855	32	0.911
GA	32	0.353	35	0.386	26	0.298
MD	12	0.214	29	0.518	21	0.375
MN	134	2.611	113	2.202	112	2.195
NM	9	0.467	18	0.933	11	0.589
NY	48	1.114	46	1.068	48	1.182
OR	60	1.648	62	1.703	78	2.189
TN	38	0.637	82	1.375	42	0.777
ALL	420	0.934	476	1.059	424	0.991

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

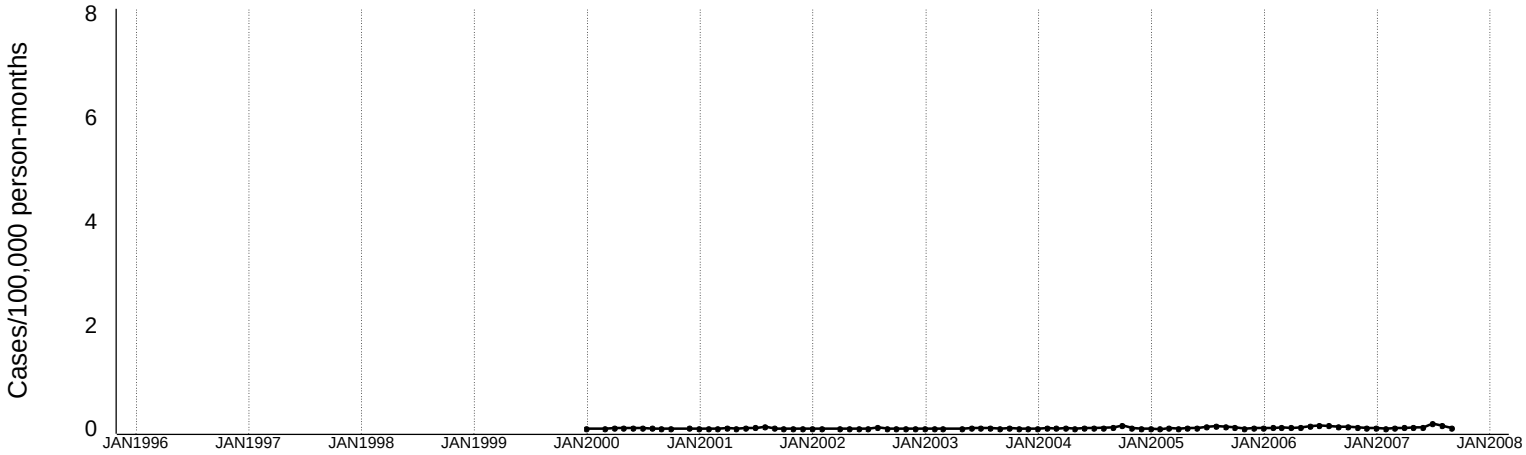


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

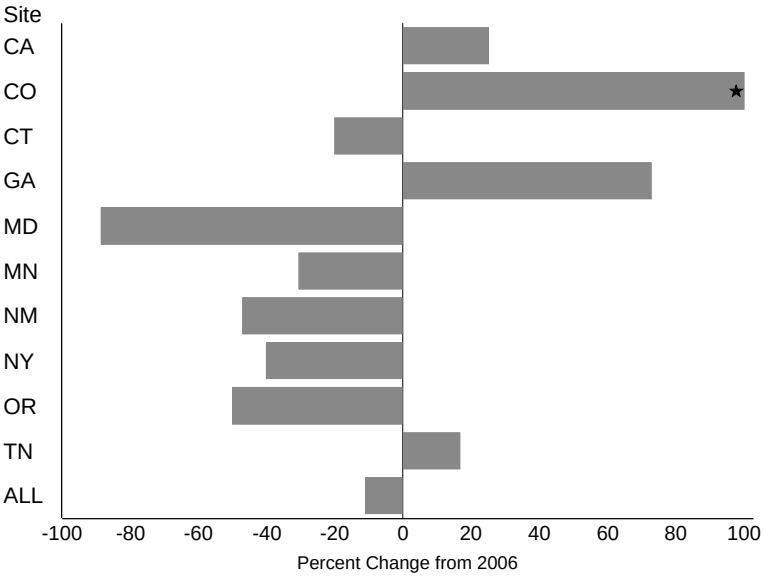
Report date: 21-November-2007

STEC Non-O157

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

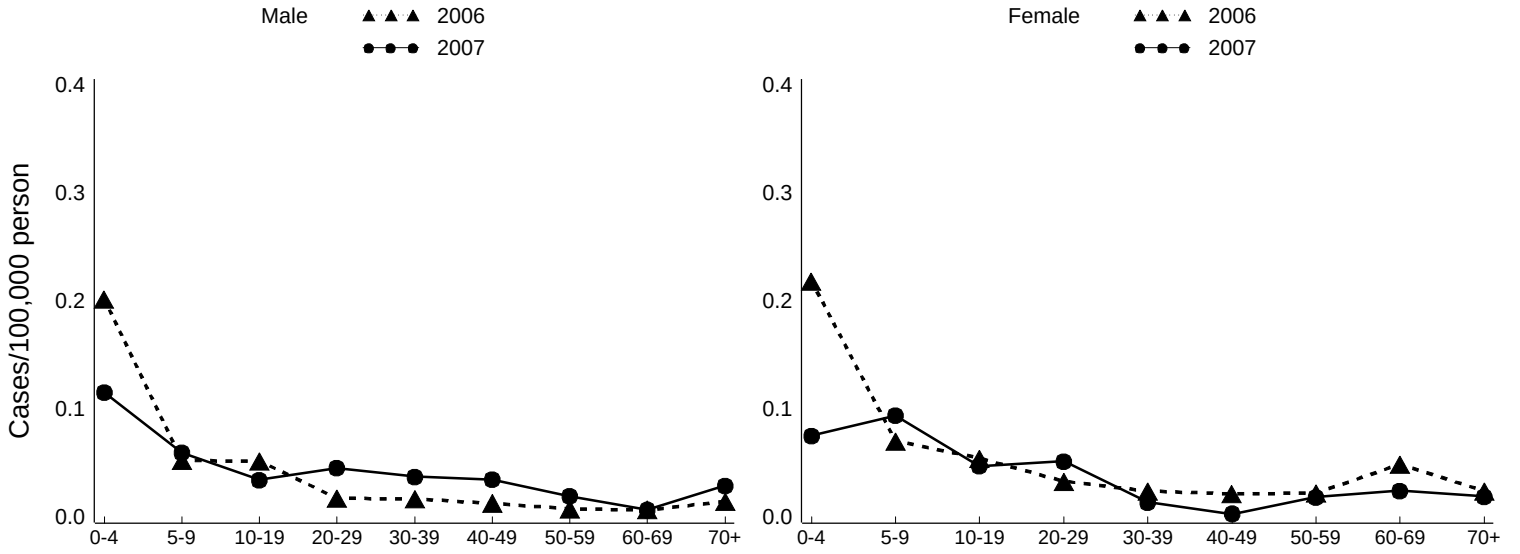


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	5	0.156	4	0.125	2	0.050
CO	45	1.740	16	0.619	4	0.163
CT	20	0.570	25	0.712	19	0.543
GA	19	0.209	11	0.121	5	0.060
MD	3	0.054	26	0.464	12	0.211
MN	25	0.487	36	0.701	18	0.348
NM	9	0.467	17	0.882	11	0.572
NY	9	0.209	15	0.348	7	0.163
OR	4	0.110	8	0.220	4	0.116
TN	7	0.117	6	0.101	2	0.037
ALL	146	0.325	164	0.365	84	0.181

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

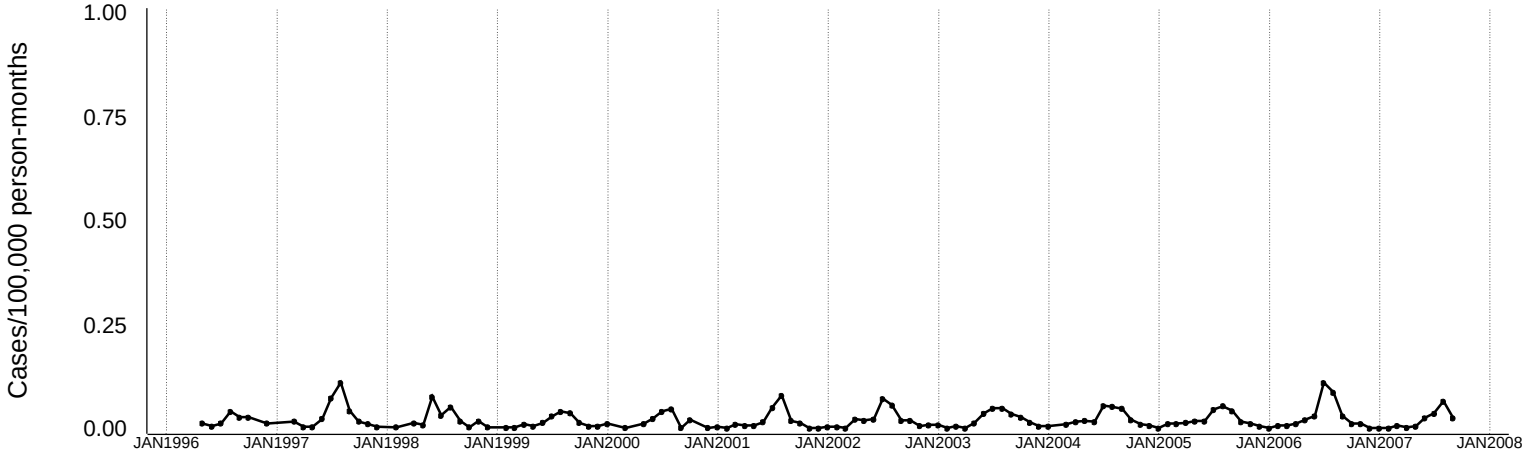


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

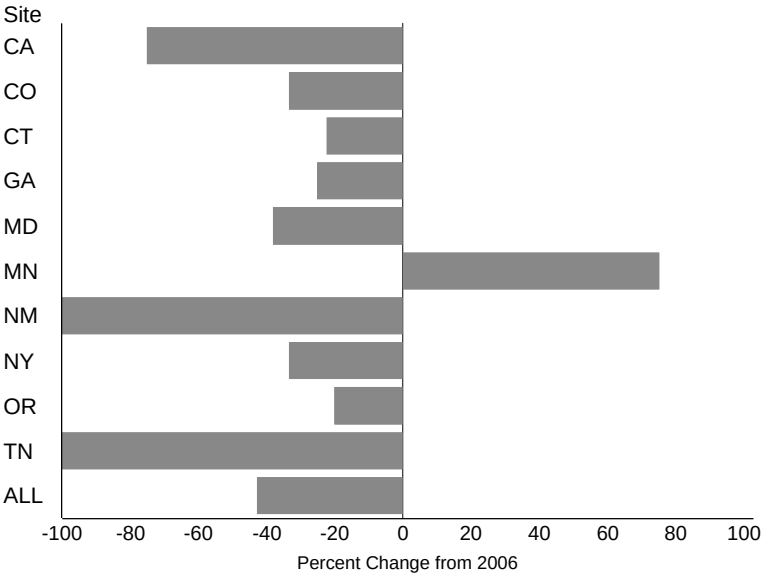
Report date: 21-November-2007

Vibrio, all species

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

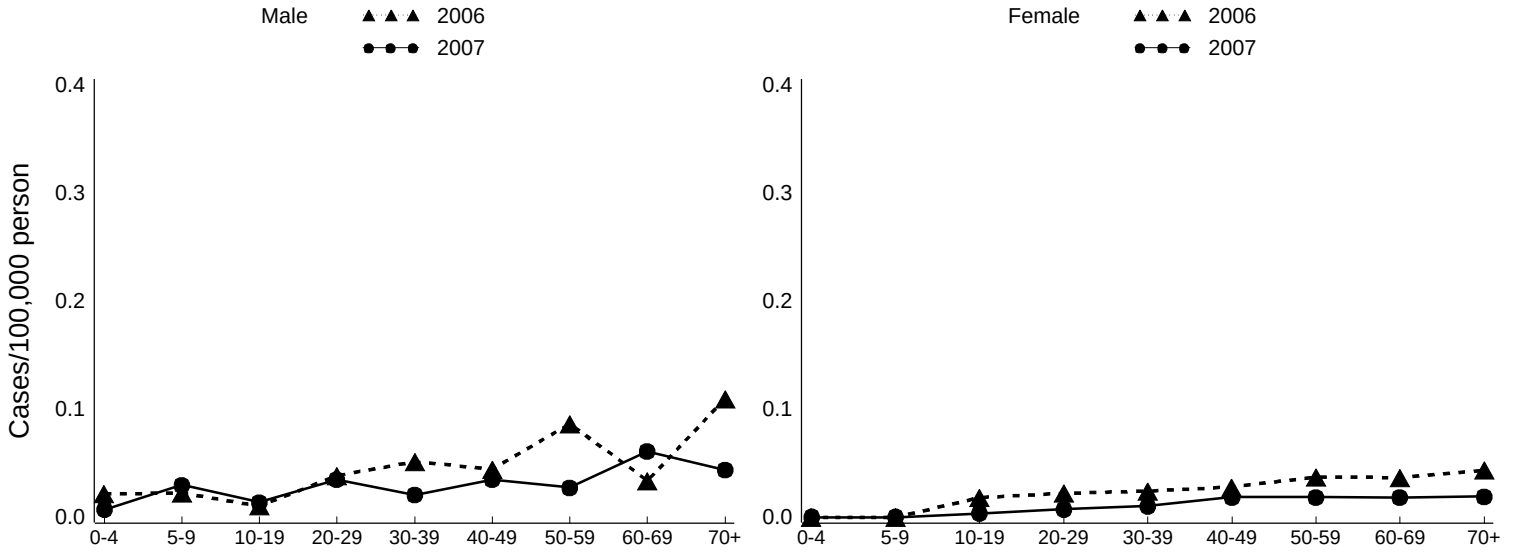


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	10	0.312	40	1.248	21	0.642
CO	2	0.077	3	0.116	4	0.148
CT	14	0.399	18	0.513	12	0.343
GA	15	0.165	20	0.220	20	0.226
MD	18	0.321	29	0.518	23	0.418
MN	7	0.136	4	0.078	4	0.079
NM	0	0.000	2	0.104	1	0.052
NY	8	0.186	12	0.279	6	0.147
OR	8	0.220	10	0.275	9	0.245
TN	0	0.000	5	0.084	7	0.137
ALL	82	0.182	143	0.318	106	0.246

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

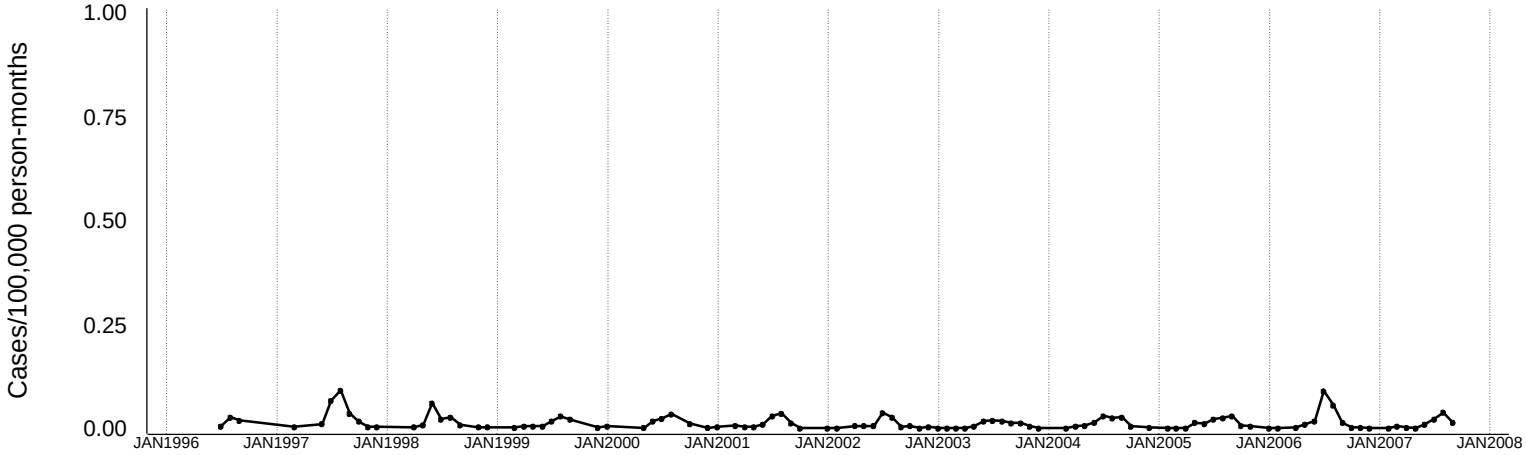


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

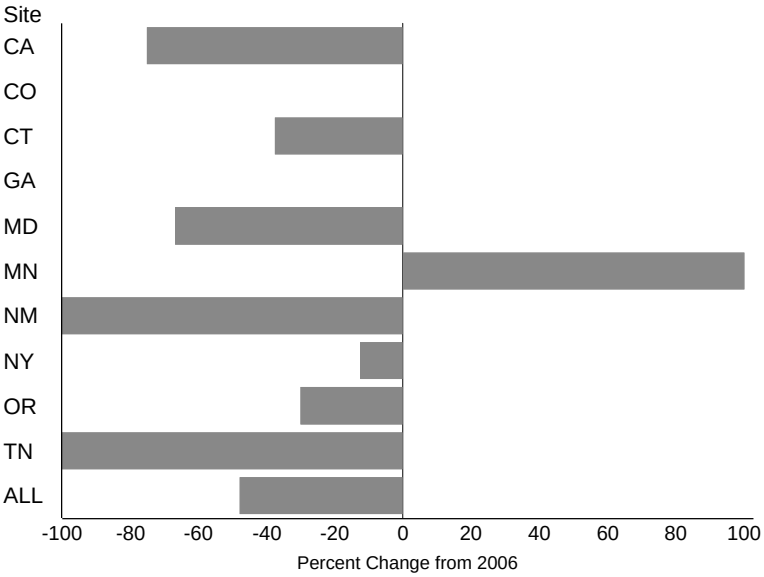
Report date: 21-November-2007

Vibrio parahaemolyticus

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

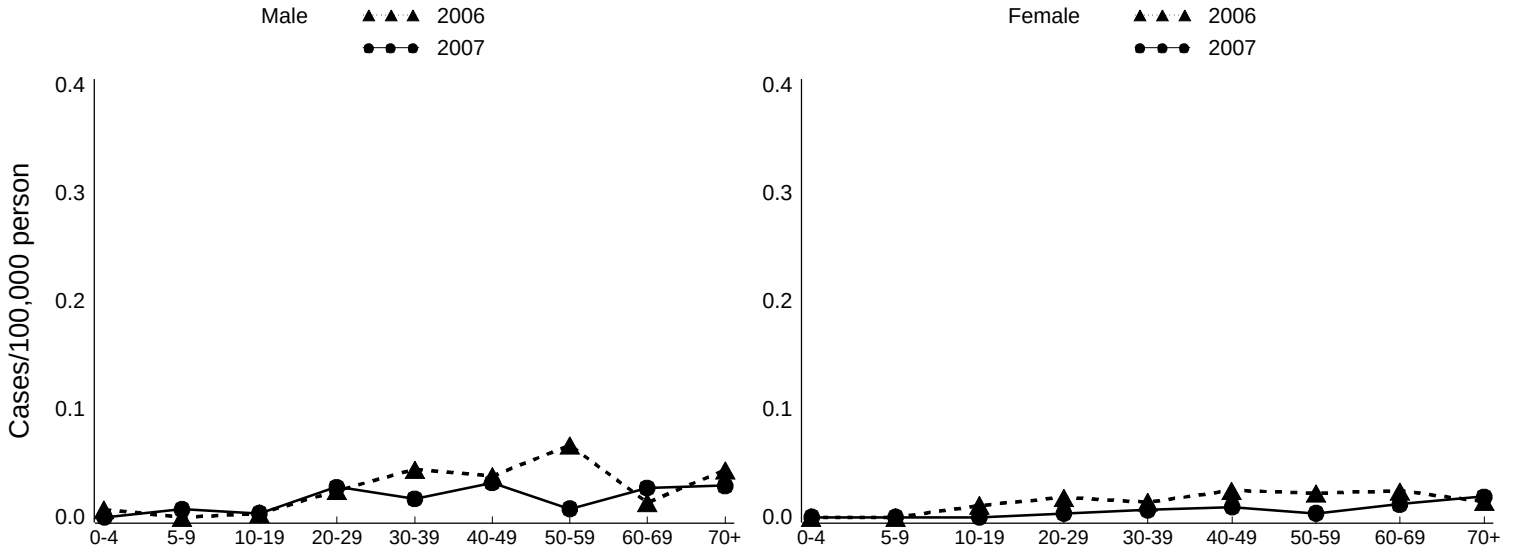


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	8	0.250	32	0.998	16	0.493
CO	2	0.077	2	0.077	3	0.109
CT	10	0.285	16	0.456	7	0.211
GA	5	0.055	5	0.055	5	0.054
MD	5	0.089	15	0.268	10	0.187
MN	4	0.078	2	0.039	1	0.028
NM	0	0.000	1	0.052	1	0.035
NY	7	0.162	8	0.186	3	0.078
OR	7	0.192	10	0.275	7	0.201
TN	0	0.000	1	0.017	2	0.034
ALL	48	0.107	92	0.205	55	0.127

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

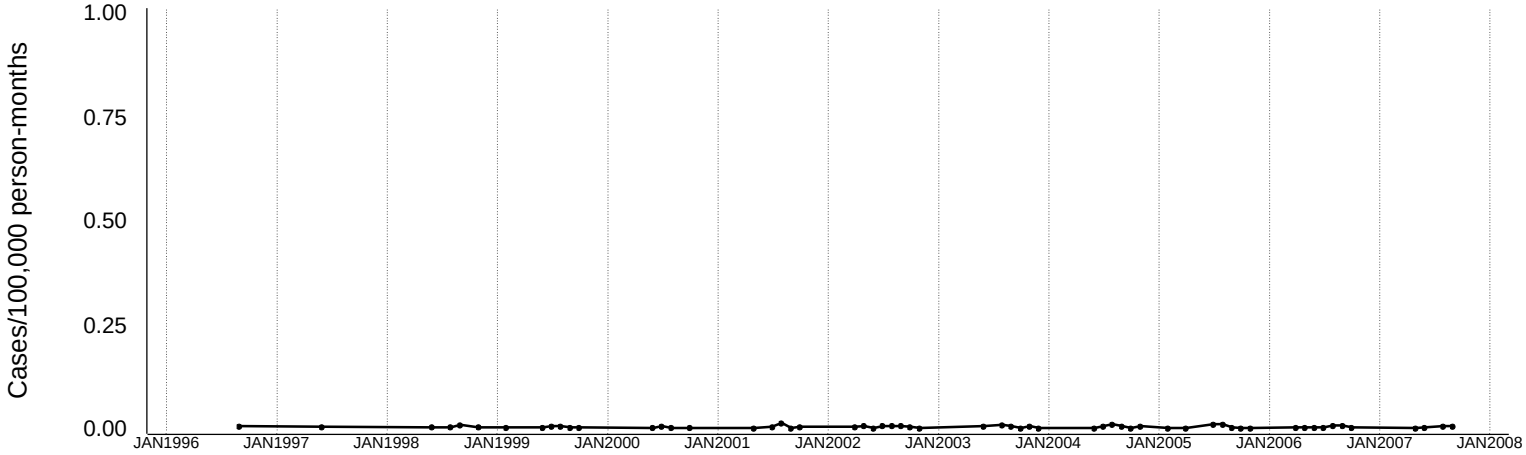


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

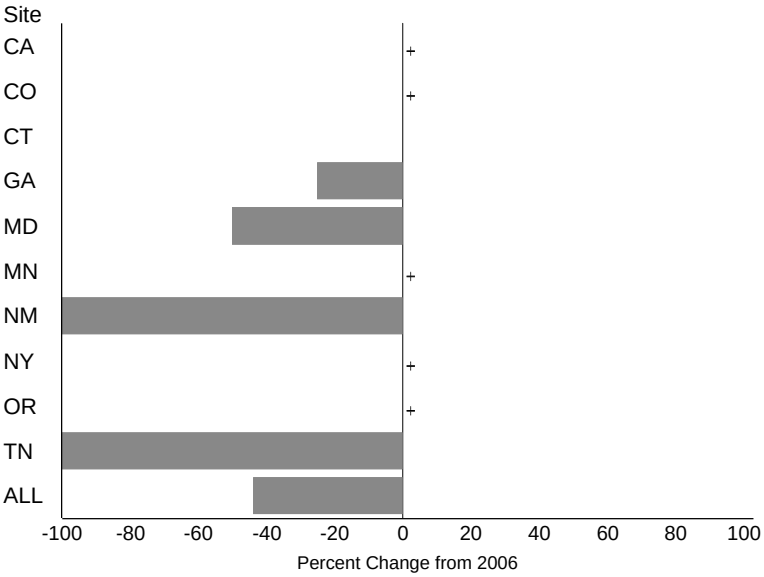
Report date: 21-November-2007

Vibrio vulnificus

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

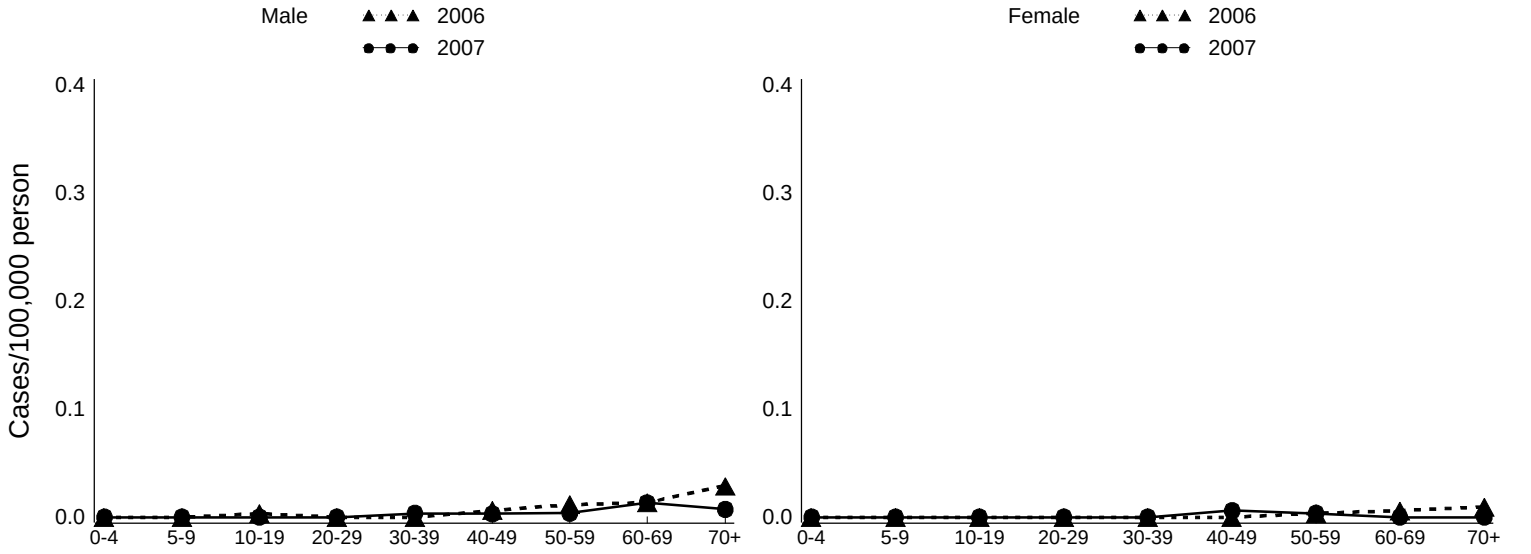


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	0	0.000	0	0.000	0	0.000
CO	0	0.000	0	0.000	0	0.008
CT	1	0.028	1	0.028	0	0.006
GA	3	0.033	4	0.044	4	0.047
MD	4	0.071	8	0.143	6	0.115
MN	0	0.000	0	0.000	0	0.004
NM	0	0.000	1	0.052	0	0.017
NY	0	0.000	0	0.000	0	0.009
OR	1	0.027	0	0.000	0	0.006
TN	0	0.000	2	0.034	1	0.038
ALL	9	0.020	16	0.036	14	0.031

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

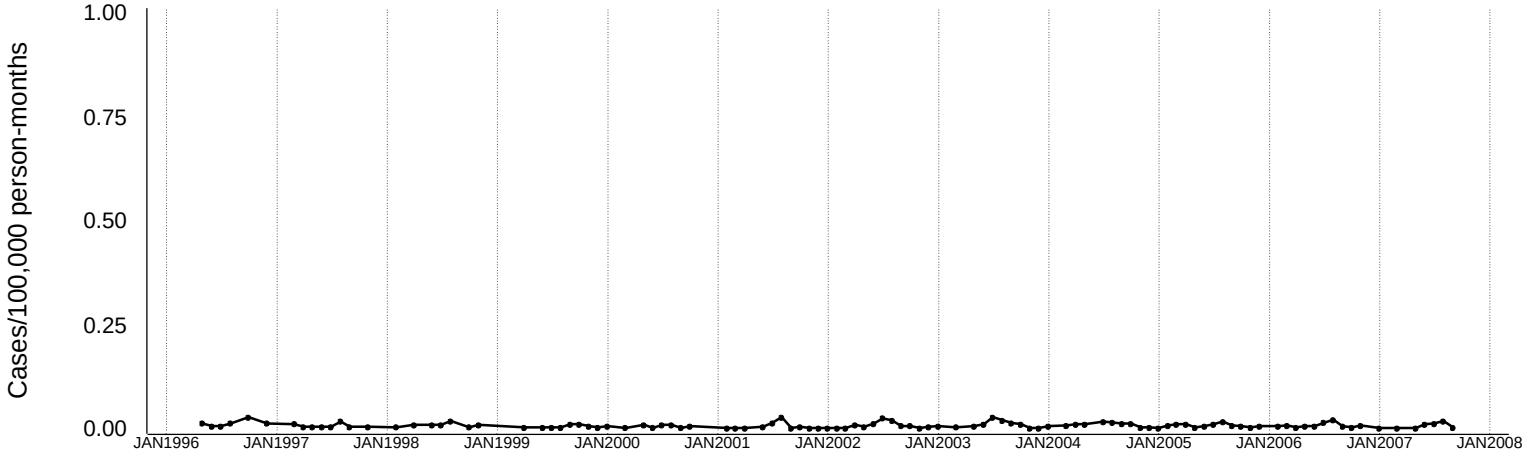


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

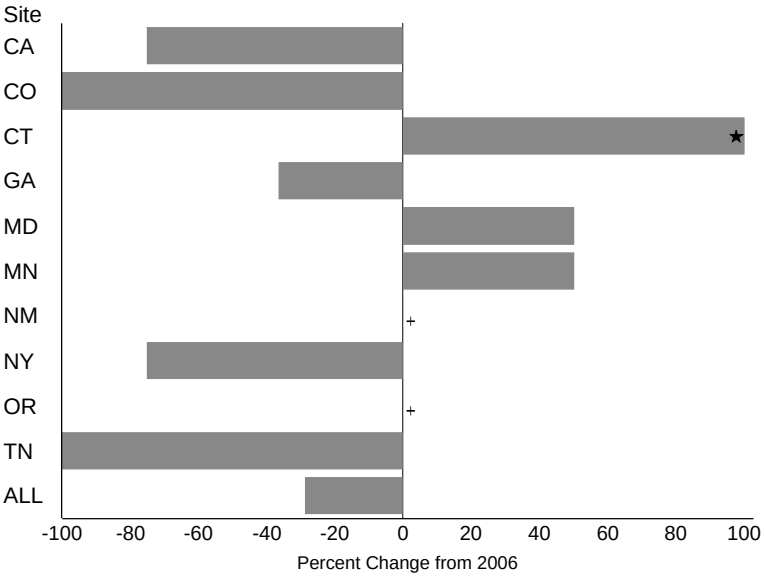
Report date: 21-November-2007

Vibrio, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

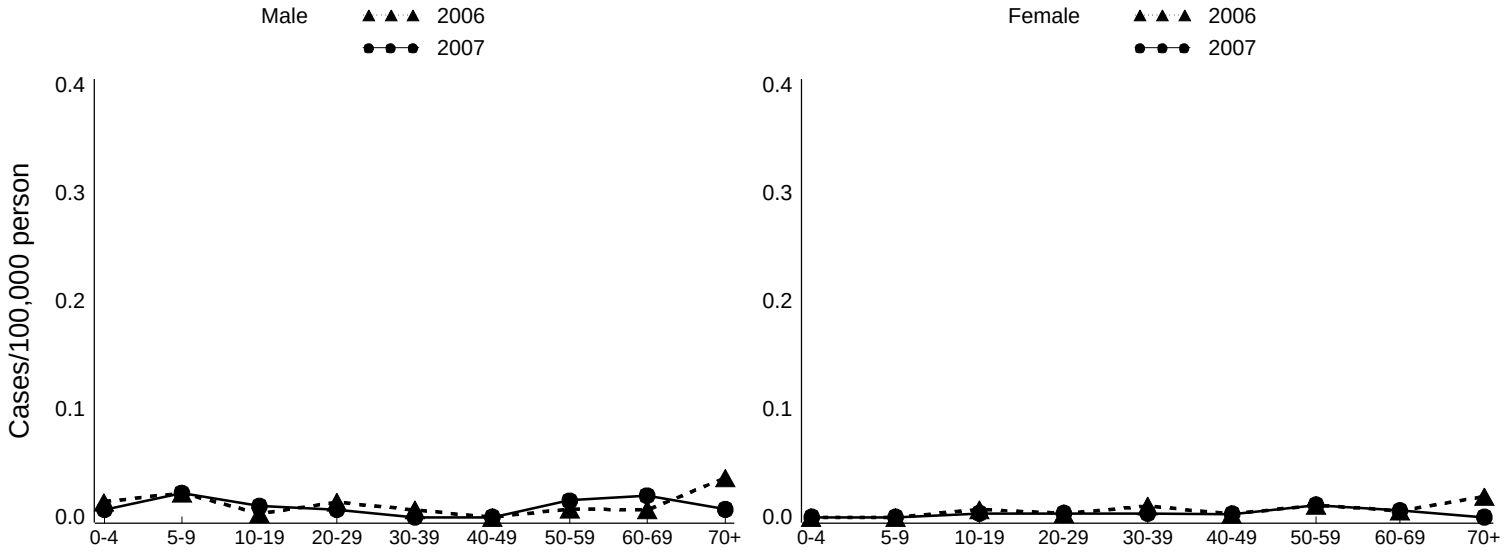


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	2	0.062	8	0.250	5	0.150
CO	0	0.000	1	0.039	1	0.031
CT	3	0.085	1	0.028	4	0.126
GA	7	0.077	11	0.121	11	0.124
MD	9	0.161	6	0.107	6	0.115
MN	3	0.058	2	0.039	2	0.047
NM	0	0.000	0	0.000	0	0.000
NY	1	0.023	4	0.093	2	0.060
OR	0	0.000	0	0.000	1	0.039
TN	0	0.000	2	0.034	3	0.065
ALL	25	0.056	35	0.078	37	0.087

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

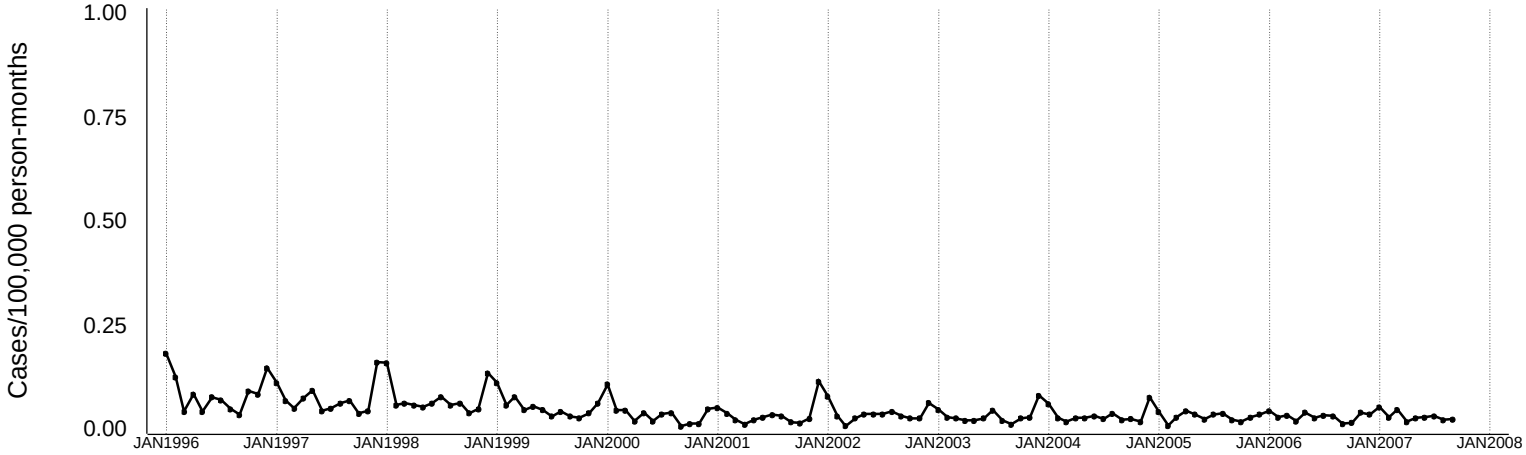


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

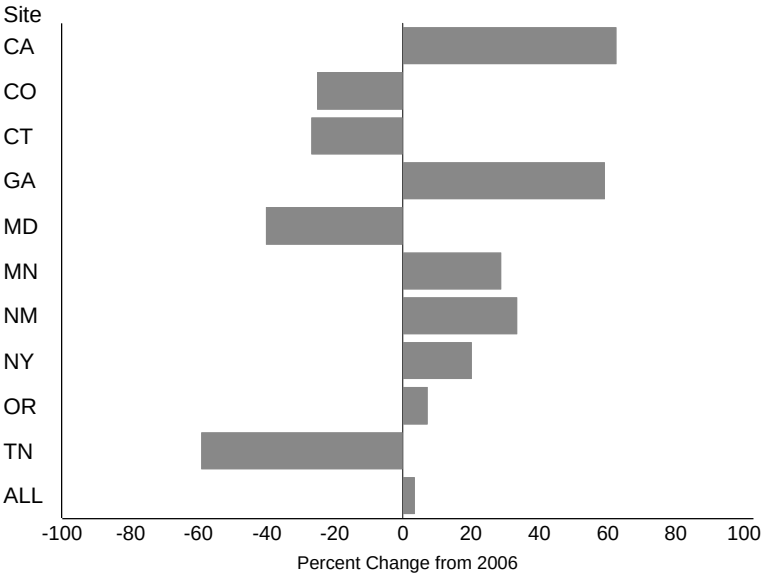
Report date: 21-November-2007

Yersinia

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

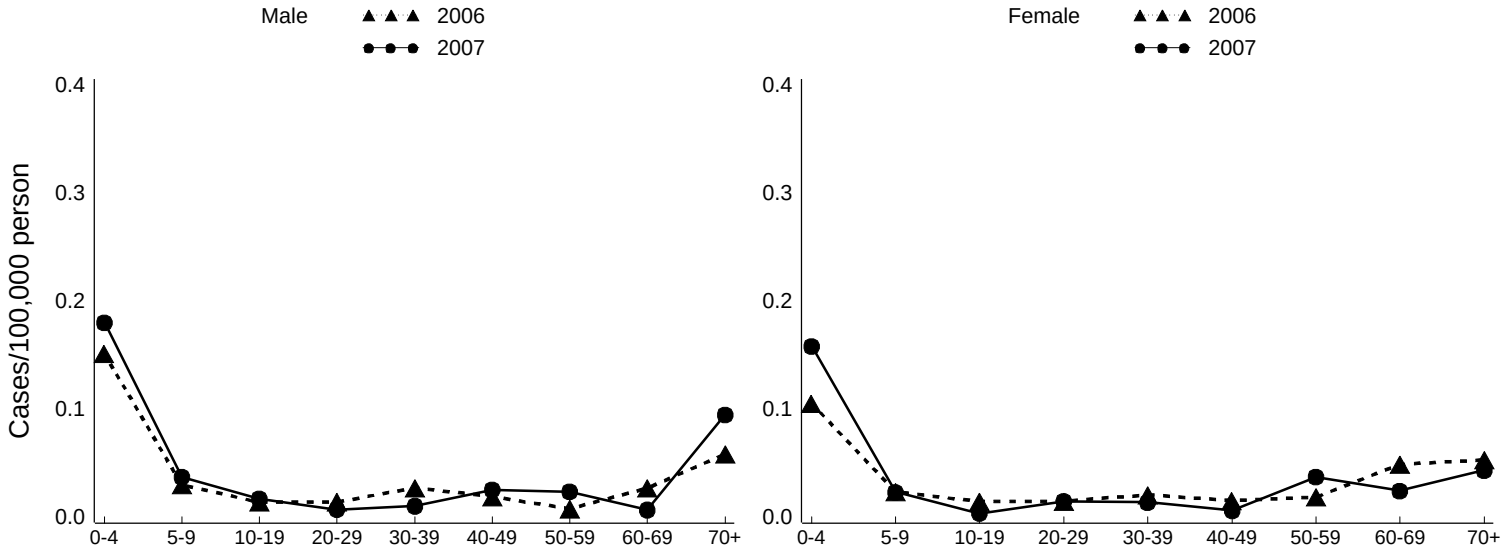


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	13	0.405	8	0.250	15	0.480
CO	3	0.116	4	0.155	5	0.188
CT	11	0.313	15	0.427	13	0.366
GA	35	0.386	22	0.242	25	0.280
MD	6	0.107	10	0.179	7	0.134
MN	18	0.351	14	0.273	14	0.279
NM	4	0.207	3	0.156	2	0.104
NY	12	0.279	10	0.232	13	0.316
OR	15	0.412	14	0.385	11	0.306
TN	9	0.151	22	0.369	16	0.314
ALL	126	0.280	122	0.271	121	0.282

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

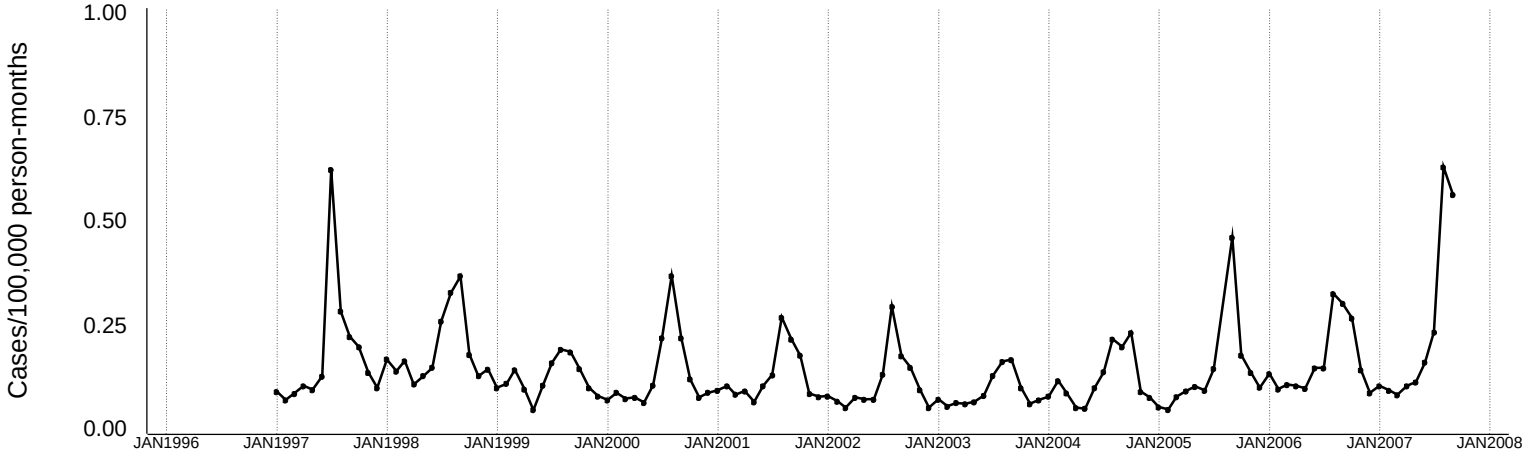


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

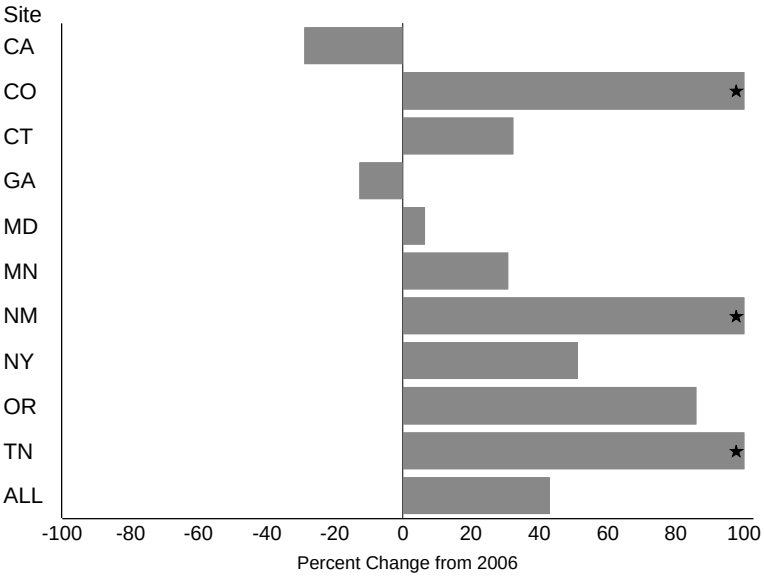
Report date: 21-November-2007

Cryptosporidium

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

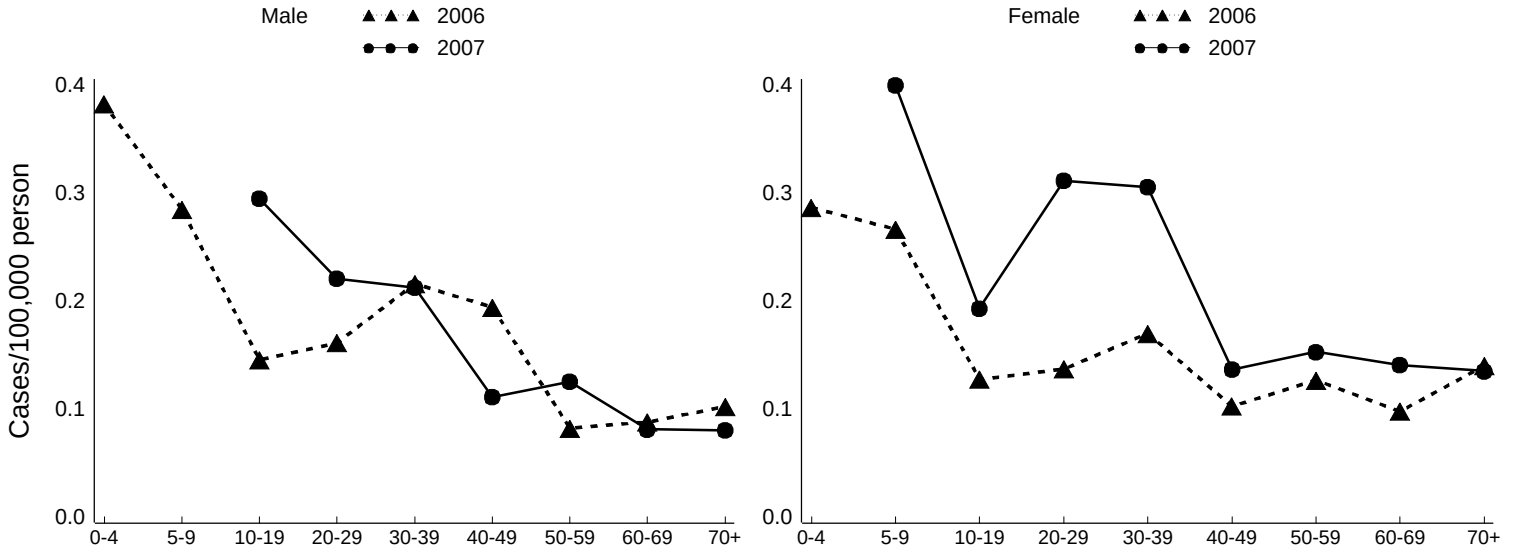


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	32	0.998	45	1.404	35	0.909
CO	92	3.557	28	1.083	18	0.689
CT	37	1.054	28	0.798	32	0.908
GA	173	1.907	198	2.182	124	1.386
MD	17	0.304	16	0.286	19	0.335
MN	226	4.403	173	3.370	139	2.732
NM	91	4.719	32	1.659	19	0.971
NY	68	1.578	45	1.045	166	3.899
OR	106	2.911	57	1.565	37	1.039
TN	95	1.593	34	0.570	30	0.543
ALL	937	2.085	656	1.459	617	1.381

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex

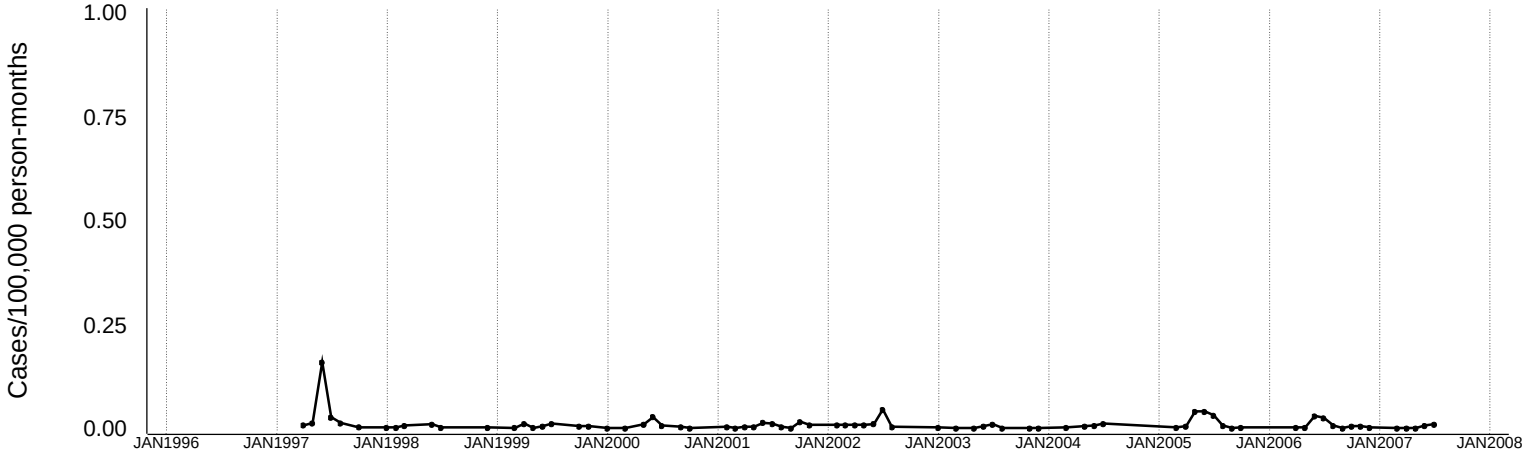


Data source: Preliminary FoodNet data, subject to change, not for public distribution.

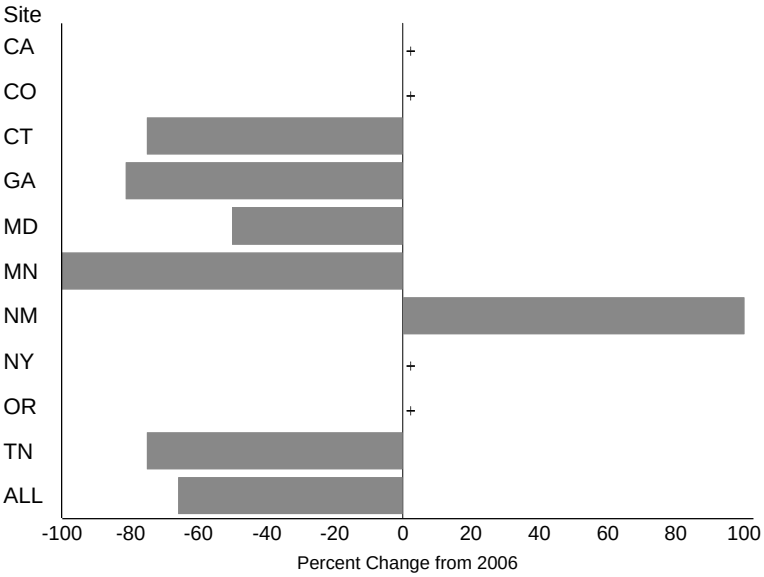
Report date: 21-November-2007

Cyclospora

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-September 2007



Calendar year through September: Percent change in rates between 2006 and 2007 by site

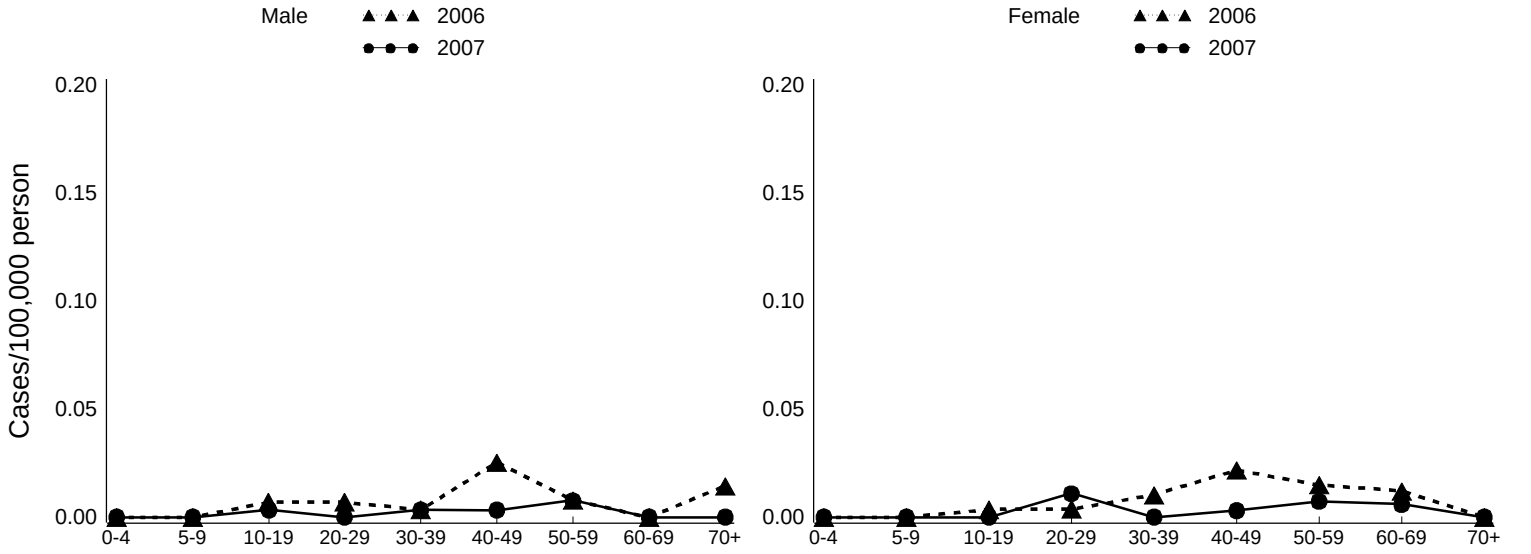


* Change exceeds 100%, +Percent increase cannot be calculated because 2006 rate is 0

	2007		2006		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.031	0	0.000	1	0.017
CO	0	0.000	0	0.000	1	0.024
CT	2	0.057	8	0.228	12	0.348
GA	3	0.033	16	0.176	12	0.138
MD	1	0.018	2	0.036	2	0.032
MN	0	0.000	4	0.078	1	0.016
NM	2	0.104	1	0.052	2	0.086
NY	2	0.046	0	0.000	2	0.052
OR	0	0.000	0	0.000	1	0.022
TN	1	0.017	4	0.067	2	0.030
ALL	12	0.027	35	0.078	34	0.077

*year 2002-2006 except for NM (2004-2006)
^cases/100,000 person

Calendar year through September: Rates for 2006 and 2007 by age group and sex



Data source: Preliminary FoodNet data, subject to change, not for public distribution.

Report date: 21-November-2007

Table 1. Summary of Foodborne Outbreaks with ≥ 2 ill, by FoodNet Site, 2007
(Data accessed December 5th , 2007 (eFORS 2) PRELIMINARY DATA)

State	Outbreaks reported	2006 population	Rate/1,000,000 population	Median Number Ill	Known Etiology* No. (%)	Etiology (confirmed and suspected)	Known Vehicle** No. (%)	Restaurant-associated*** No. (%)
CA	7	3,225,786	2.17	13	6 (86)	Bacillus Cerus/ Clostridium perfringens(1) *Campylobacter*(1), Norovirus(4)	3 (43)	6 (86)
CO	20	2,636,544	7.59	21	14 (70)	Norovirus(11), *Salmonella*(1), STEC O157 (1) STEC O121/STECO26(1)	9 (45)	12 (60)
CT	16	3,504,809	4.57	11	12 (75)	Norovirus (6) STEC O157 (2), *Salmonella*(3), Ciguatoxin(1)	14 (88)	8 (50)
GA	22	9,363,941	2.35	23	20 (91)	Norovirus(6), *Campylobacter*(1) Clostridium perfringens(4) *Salmonella*(8) STEC O157 (1)	9 (41)	6 (27)
MD	14	5,615,727	2.49	23	7 (50)	Norovirus(5) Clostridium perfringens(1) *Salmonella*(1)	11 (79)	8 (57)
MN	39	5,167,101	7.55	10	30 (77)	Hep A(2), Norovirus(13), Clostridium perfringens(3), *Salmonella*(6), STEC O157 (4) Scromboid toxin(1) *Cryptosporidium*(1),	16 (41)	25 (64)
NM	1	1,954,599	0.51	48	1 (100)	*Campylobacter*(1)	1 (100)	-(-)
NY	9	4,291,545	2.10	13	7 (78)	Norovirus(4), STEC O157 (1) Scromboid toxin(1), *Salmonella*(1)	8 (89)	5 (55)
OR	26	3,700,758	7.03	16	21 (81)	Clostridium perfringens (1), Norovirus (12) STEC O157 (3), *Salmonella*(5)	9 (35)	17 (65)
TN	19	6,038,803	3.15	9	16 (84)	Norovirus (8) *Salmonella*(3), Bacillus Cerus(1) Staph aureus(2) STEC O157 (2)	9 (47)	13 (68)
Total	**173**	**45,499,613**	**3.80**	**19**	**136 (79)**		**89 (51)**	**100 (57)**

*Known etiology- Confirmed and suspected etiologies
**Known vehicle- Any vehicle reported
***Restaurant-associated- Any outbreak where food item was prepared in a restaurant or deli

*Known etiology- Confirmed and suspected etiologies
**Known vehicle- Any vehicle reported
***Restaurant-associated- Any outbreak where food item was prepared in a restaurant or deli

Table 2. Summary of Foodborne Outbreaks with ≥10 ill, by FoodNet Site, 2007

*** Data accessed December 5th , 2007 (eFORS 2)**
*** Preliminary data**

State	Outbreaks reported	2006 population	Rate/1,000,000 population	Median Number Ill	Known Etiology* No. (%)	Known Vehicle** No. (%)	Restaurant-associated*** No. (%)
CA	2	3,225,786	0.62	34	2 (100)	1 (50)	1 (50)
CO	9	2,636,544	3.41	40	9 (100)	5 (55)	3 (33)
CT	6	3,504,809	1.71	21	4 (60)	5 (83)	3 (50)
GA	9	9,363,941	0.96	48	8 (88)	4 (44)	1 (11)
MD	7	5,615,727	1.25	41	5 (71)	5 (71)	4 (57)
MN	13	5,167,101	2.52	21	9 (69)	6 (46)	7 (54)
NM	1	1,954,599	0.51	48	1 (100)	1 (100)	-(-)
NY	5	4,291,545	1.17	20	3 (60)	4 (80)	2 (40)
OR	11	3,700,758	2.97	32	11 (100)	3 (27)	9 (82)
TN	8	6,038,803	1.32	15	6 (75)	2 (25)	6 (75)
2007 Total	**71**	**45,499,613**	**1.56**	**32**	**58 (82)**	**36 (57)**	**36 (51)**

*Known etiology- Confirmed and suspected etiologies
**Known vehicle- Any vehicle reported
***Restaurant-associated- Any outbreak where food item was prepared in a restaurant or deli

HUS Surveillance, 2007 Table A

as of 11/29/07

	In catchment (N=69)												In catchment (N=69)											
	<1 yo		1-4 yo		5-9 yo		10-14 yo		15-59 yo		60+ yo		<1 yo		1-4 yo		5-9 yo		10-14 yo		15-59 yo		60+ yo	
Site	No.	Deaths (%)	No.	Deaths (%)	No.	Deaths (%)	No.	Deaths (%)	No.	Deaths (%)	No.	Deaths (%)	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
CA	2	0 (0)	3	0 (0)	0	--	0	--	0	--	0	--	2	4.7	3	1.7	0	0.0	0	0.0	0	0.0	0	0.0
CO	0	--	2	0 (0)	1	0 (0)	0	--	1	0 (0)	0	--	0	0.0	2	1.3	1	0.6	0	0.0	1	0.1	0	0.0
CT	0	--	1	0 (0)	4	0 (0)	2	0 (0)	0	--	2	0 (0)	0	0.0	1	0.6	4	1.8	2	0.8	0	0.0	2	0.3
GA	0	--	7	0 (0)	1	0 (0)	1	0 (0)	0	--	0	--	0	0.0	7	1.3	1	0.2	1	0.2	0	0.0	0	0.0
MD	0	--	0	--	0	--	0	--	0	--	0	--	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MN	0	--	8	0 (0)	3	0 (0)	1	0 (0)	2	0 (0)	2	0 (0)	0	0.0	8	3.0	3	0.9	1	0.3	2	0.1	2	0.2
NM	0	--	0	--	0	--	0	--	0	--	0	--	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
NY	2	0 (0)	2	0 (0)	0	--	0	--	1	0 (0)	3	0 (0)	2	4.3	2	1.1	0	0.0	0	0.0	1	0.0	3	0.4
OR	0	--	5	0 (0)	2	0 (0)	0	--	1	0 (0)	0	--	0	0.0	5	2.8	2	0.9	0	0.0	1	0.0	0	0.0
TN	0	--	8	1 (8)	1	0 (0)	1	0 (0)	0	--	0	--	0	0.0	8	2.6	1	0.3	1	0.3	0	0.0	0	0.0
Total	**4**	**0 (0)**	**36**	**1 (3)**	**12**	**0 (0)**	**5**	**0 (0)**	**5**	**0 (0)**	**7**	**0 (0)**	**4**	0.66	**36**	1.49	**12**	0.41	**5**	0.16	**5**	0.02	**7**	0.10

*per 100,000 persons

Results of microbiologic testing for STEC infection among HUS cases, 2007

as of 12/5/07

42

	Site																							
	CA		CO		CT		GA		MD		MN		NM		NY		OR		TN		**TOTAL**	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	**#**	**%**
Diarrhea in 3 weeks before HUS diag./	4	(80)	3	(75)	8	(89)	9	(100)	0	--	16	(100)	0	--	7	(88)	8	(100)	9	(90)	**64**	(93)
Total patients	5		4		9		9		0		16		0		8		8		10		**69**	
Stool specimen obtained/	4	(100)	0	(0)	7	(88)	9	(100)	0	--	16	(100)	0	--	7	(100)	3	(38)	7	(78)	**53**	(83)
Patients with diarrhea	4		3		8		9		0		16		0		7		8		9		**64**	
E. coli O157 Isolation																						
Stool cultured for E. coli O157/	4	(100)	0	--	6	(86)	8	(89)	0	--	16	(100)	0	--	7	(100)	3	(100)	6	(86)	**50**	(94)
Patients with stool specimens obtained	4		0		7		9		0		16		0		7		3		7		**53**	
E. coli O157 isolated from stool/	2	(50)	0	--	4	(67)	5	(63)	0	--	10	(63)	0	--	4	(57)	2	(67)	4	(67)	**31**	(62)
Patients with stool cultured for O157	4		0		6		8		0		16		0		7		3		6		**50**	
Shiga toxin + Questions																						
Stool tested for Shiga toxin/	3	(75)	0	--	5	(71)	5	(56)	0	--	16	(100)	0	--	4	(57)	1	(33)	4	(57)	**38**	(72)
Patients with stool specimen obtained	4		0		7		9		0		16		0		7		3		7		**53**	
Stool Shiga toxin-positive/	2	(67)	0	--	4	(80)	5	(100)	0	--	10	(63)	0	--	2	(50)	1	(100)	2	(50)	**26**	(68)
Patients with stool tested for Shiga toxin	3		0		5		5		0		16		0		4		1		4		**38**	
Non-O157 Isolation																						
Stool tested for non-O157 STEC/	0	(0)	0	--	5	(0)	5	(100)	0	--	4	(25)	0	--	2	(50)	1	(100)	0	(0)	**17**	(45)
Patients with stool tested for Shiga toxin	3		0		5		5		0		16		0		4		1		4		**38**	
Non-O157* STEC isolated from stool/	0	--	0	--	0	(0)	0	(0)	0	--	0	(0)	0	--	0	(0)	1	(100)	0	--	**1**	(6)
Stool tested for non-O157 STEC	0		0		5		5		0		4		0		2		1		0		**17**	
Serum																						
Serum Tested/	2	(100)	0	--	0	--	1	(33)	0	--	6	(100)	0	--	0	--	1	(50)	0	(0)	**10**	(59)
Serum Collected	2		0		2		3		0		6		0		0		2		2		**17**	
O157/Tested	0	(0)	0	--	0	--	0	--	0	--	2	(33)	0	--	0	--	0	(0)	0	--	**2**	(20)
	2		0		0		1		0		6		0		0		1		0		**10**	
Total Stool																						
O157, non-O157 STEC, Shiga toxin +/	2	(50)	0	--	6	(86)	5	(56)	0	--	10	(63)	0	--	5	(71)	3	(100)	4	(57)	**35**	(66)
Total stool specimens obtained	4		0		7		9		0		16		0		7		3		7		**53**	

Non-O157 identified:

*Culture: O111 (1)

For cases with Diarrhea in 3 wks before HUS dx																						
	CA		CO		CT		GA		MD		MN		NM		NY		OR		TN		**TOTAL**	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	**#**	**%**
Cases with O157 + Only/	0	(0)	0	--	2	(100)	0	(0)	0	--	0	(0)	0	--	3	(75)	2	(100)	2	(50)	**9**	**(29)**
Cases O157 positive	2		0		2		5		0		10		0		4		2		4		**31**	
Cases with non-O157 + Only/	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	--	0	(0)	0	--	**0**	(0)
Cases non-O157 +	0		0		0		0		0		0		0		0		1		0		**1**	
Cases positive for shiga-toxin only/	0	(0)	0	--	2	(50)	0	(0)	0	--	0	(0)	0	--	1	(50)	0	(0)	0	(0)	**3**	**(12)**
Cases shiga-toxin positive	2		0		4		5		0		10		0		2		1		2		**26**	
Cases not positive for O157, Stx or non-O157*/	2	(50)	0	--	1	(14)	4	(44)	0	--	6	(38)	0	--	2	(29)	0	(0)	3	(43)	**18**	**(34)**
Total Stool Specimens	4		0		7		9		0		16		0		7		3		7		**53**	
Cases positive for Stx and O157 or Stx and non-O157/	2	(50)	0	--	2	(29)	5	(56)	0	--	10	(63)	0	--	1	(14)	1	(33)	2	(29)	**23**	**(43)**
Total Stool Specimens	4		0		7		9		0		16		0		7		3		7		**53**	

*not positive or not tested

2006 FoodNet and NARMS Linking Data

2006 NARMS Submissions (Total NARMS Isolates in FoodNet Catchment / Total Cases Reported to FoodNet)

Isolate	Goal	CA*		CO*		CT		GA		MD		MN		NM		NY*		OR		TN		ALL FN	
CAMPYLOBACTER	**52**	46 / 866	**46**	76 / 479	**76**	43 / 532	**43**	183 / 580	**183**	63 / 432	**63**	159 / 899	**159**	12 / 383	**12**	124 / 522	**124**	78 / 634	**78**	58 / 443	**58**	842 / 5770	84
E. COLI O157	**5%**	4 / 42	**10%**	9 / 35	**26%**	2 / 41	**5%**	14 / 41	**34%**	10 / 40	**25%**	5 / 147	**3%**	1 / 20	**5%**	8 / 53	**15%**	13 / 83	**16%**	7 / 88	**8%**	73 / 590	12%
SALMONELLA	**5%**	63 / 470	**13%**	99 / 352	**28%**	139 / 502	**28%**	63 / 1836	**3%**	44 / 768	**6%**	87 / 720	**12%**	12 / 258	**5%**	53 / 493	**11%**	25 / 397	**6%**	63 / 841	**7%**	648 / 6637	10%
SHIGELLA	**5%**	0 / 244	**0%**	11 / 180	**6%**	2 / 67	**3%**	26 / 1375	**2%**	8 / 128	**6%**	7 / 259	**3%**	2 / 172	**1%**	1 / 48	**2%**	6 / 94	**6%**	6 / 198	**3%**	69 / 2765	2%
TYPHI	**100%**	15 / 16	**94%**	7 / 6	**117%**	1 / 4	**25%**	5 / 5	**100%**	21 / 8	**263%**	5 / 5	**100%**	1 / 1	**100%**	2 / 2	**100%**	3 / 4	**75%**	2 / 1	**200%**	62 / 52	119%
VIBRIO	**100%**	0 / 41	**0%**	2 / 3	**67%**	1 / 19	**5%**	6 / 25	**24%**	5 / 31	**16%**	0 / 4	**0%**	0 / 2	**0%**	3 / 12	**25%**	11 / 10	**110%**	1 / 9	**11%**	29 / 156	19%

2006 FoodNet-NARMS Linked Data (NARMS Cases Linked to FoodNet Cases / Total NARMS Isolates in FoodNet Catchment)

Isolate	Goal	CA*		CO*		CT		GA		MD		MN		NM		NY*		OR		TN		ALL FN	
CAMPYLOBACTER	**100%**	45 / 46	**98%**	72 / 76	**95%**	37 / 43	**86%**	117 / 183	**64%**	55 / 63	**87%**	157 / 159	**99%**	8 / 12	**67%**	123 / 124	**99%**	47 / 78	**60%**	50 / 58	**86%**	711 / 842	84%
E. COLI O157	**100%**	4 / 4	**100%**	9 / 9	**100%**	2 / 2	**100%**	10 / 14	**71%**	8 / 10	**80%**	4 / 5	**80%**	1 / 1	**100%**	7 / 8	**88%**	13 / 13	**100%**	4 / 7	**57%**	62 / 73	85%
SALMONELLA	**100%**	63 / 63	**100%**	99 / 99	**100%**	86 / 139	**62%**	43 / 63	**68%**	33 / 44	**75%**	85 / 87	**98%**	10 / 12	**83%**	51 / 53	**96%**	25 / 25	**100%**	41 / 63	**65%**	536 / 648	83%
SHIGELLA	**100%**	0 / 0	n/a	11 / 11	**100%**	2 / 2	**100%**	23 / 26	**88%**	8 / 8	**100%**	7 / 7	**100%**	2 / 2	**100%**	1 / 1	**100%**	6 / 6	**100%**	4 / 6	**67%**	64 / 69	93%
TYPHI	**100%**	11 / 15	**73%**	6 / 7	**86%**	1 / 1	**100%**	4 / 5	**80%**	5 / 21	**24%**	5 / 5	**100%**	1 / 1	**100%**	2 / 2	**100%**	3 / 3	**100%**	2 / 2	**100%**	40 / 62	65%
VIBRIO	**100%**	0 / 0	n/a	2 / 2	**100%**	1 / 1	**100%**	6 / 6	**100%**	4 / 5	**80%**	0 / 0	n/a	0 / 0	n/a	3 / 3	**100%**	9 / 11	**82%**	0 / 1	**0%**	25 / 29	86%

Updated as of 12/3/2007

*FoodNet sites that are not statewide