FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
9							
	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	1/31/2007	Published Jan. 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		1/31/2007	Published Jan. 2007
8							
	461	Jones, Timothy F.	Scallan, Elaine, Angulo, Fredrick J.	FoodNet: Overview of a Decade of Achievement		12/13/2006	Accepted to Foodborne Pathogens and Disease
	117	Patrick, Mary	Griffin, Patricia M., Mead, Paul S., Voetsch, Andrew C.	The Effectiveness of Recall Notification: Community Response to a Nationwide Recall of Hot Dogs and Deli Meats		1/22/2007	Accepted to JFP
	121	Samuel, Michael C.	Vugia, Duc J., Koehler, Kathleen M., Marcus, Ruthanne, McNees, Alexander A., Deneen, Valerie C., Damaske, Barbara, Shiferaw, Beletshachew, Hadler, James L., Angulo, Fredrick J.	Consumption of Risky Foods Among Adults at High Risk for Severe Foodborne Diseases: Room for Improved Targeted Prevention Messages		10/5/2006	Accepted to Journal of Food Safety
	465	Scallan, Elaine		Activities, Achievements, and Lessons Learned During the First 10 Years of FoodNet		12/11/2006	Accepted to CID - March publication
7							

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Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	325	Shiferaw, Beletshachew		Comparison of Three Surveillance Systems for Hemolytic Uremic Syndrome in Oregon		6/6/2006	Submitted to AJPH.
6							
	124	Dunne, Eileen F.	Griffin, Patricia M., Snider, Cynthia J., 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	Pediatric Hemolytic Uremic Syndrome in the United States, 1997-2002: A Study of 379 Cases			
5							
	22	Crump, John A.	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		9/11/2006	
	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		11/7/2006	
	26	Majowicz, Shannon E.	Scallan, Elaine, Hall, Gillian, Banerjee, Anyana, Kirk, Martyn D., Angulo, Fredrick J.	Respiratory Symptoms Among Persons with Gastrointestinal Illness		11/7/2006	
	394	Nelson, Jennifer M.	Nadle, Joelle, Daniels, Allison, Clogher, Paula, Gillespie, Jennifer, Furuno, Jon P., Plantenga, Melissa, Bernarczyk, Robert, Ingram, Amanda	Foods Associated with Listeria monocytogenes Infections Are Common at Long-Term Care Facilities in Eight States, FoodNet 2005		7/11/2006	
	464	Townes, John M.	Swanson, Ellen, Deodhar, Atul, Smith, Kirk E., Krug, Hollis, Wagner, Molly M., Barkhuizen, Andre, Thompson, Mollie, Sobel, Jeremy	Rheumatologic Sequelae of Enteric Bacterial Infection in Minnesota and Oregon: A Population-based Study		1/4/2007	
	459	Voetsch, Andrew C.		Case-Only Manuscript (dissertation)		5/23/2006	
4							

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Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
	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, 2001-2004		1/4/2007	
3							
	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			
	360	Voetsch, Andrew C.	Henao, Olga L., Cronquist, Alicia B., Hurd, Sharon, Thomas, Stephanie M., Scheftel, Joni M., McMillian, Marcy, Megginson, Melanie, Hatch, Julie, Angulo, Fredrick J., EIP FoodNet Working Group	Surveillance Trends for Vibrio Infections in FoodNet sites, 1996-2004		11/9/2005	
2							
	103	Ailes, Elizabeth	Nelson, Jennifer M.	Foodborne Diseases Active Surveillance Network Surveillance Summary, 1996-2003			
	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			
	331	Long, Cherie	Hayes, Tameka, Vugia, Duc J., Ryan, Patricia A., Scheftel, Joni, Shiferaw, Beletshachew, Jones, Timothy F., Demma, Linda, Voetsch, Andrew C., EIP FoodNet Working Group	Yersenia pseudotuberculosis infections in FoodNet, 1996-2005			
	432	Maldonado, George		Blending Project		1/3/2006	
	462	Steinmuller, Nicole	Demma, Linda, Hoekstra, Robert M., Angulo, Fredrick J.	Higher Incidence of Escherichia coli O157:H7 Infection in Rural Counties and Possible Association with Animal Contact			

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Status	#	Lead	Coauthors	Title	Journal	Updated	Comment
1							
	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., Barrett, Timothy J.	Is the Incidence of Campylobacter coli Infection Increasing? Speciation by Clinical Diagnostic and Public Health Laboratories in Food Net, 1997-2004		11/16/2005	
	102	Dunn, John R.		Substantial Decline in the Incidence of Escherichia coli O157:H7 Infections in FoodNet, 2003		6/8/2006	
	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			
	386	Hurd, Sharon	Demma, Linda, Shin, Sam, Cronquist, Alicia B., Segler, Suzanne D., Kielbauch, Julie, Swanson Laine, Ellen, Smith, Glenda, Hatch, Julie, Hanna, Samir S., Fitzgerald, Collette, EIP FoodNet Working Group	Clinical Laboratory Practices for the Identification of Campylobacter in FoodNet Sites: Do Differences Explain Variation in Incidence Rates?		11/16/2005	
	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			

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

Proposed by:	Jennifer Schneider; Janet Mohle-Boetani; Duc Vugia; California EIP
Title:	Characteristics of raw milk consumers and correlation of raw milk consumption and legality of raw milk sales in FoodNet sites
Date Submitted:	January 25, 2007
Purpose:	To determine the characteristics (e.g., demographic, urban/rural status, income, education, and having an immunocompromising condition) of raw milk consumers compared to the general FoodNet population, and whether a correlation exists between consumption of raw milk and residence in states that permit the sale of raw milk.
Proposal:	Data from previous cycles of population surveys were analyzed in a current FoodNet study to characterize trends in consumption of risky foods among populations at high risk for severe foodborne disease. We propose an extension of this study. Based on analysis for the risk factor study, 2% of the population interviewed consumed raw milk (range 0.8-3.4%). In California, where raw milk is sold legally, there appears to be a recent increase in cases of foodborne disease associated with consumption of raw milk. We would like to determine if FoodNet states where raw milk is legally available have a higher proportion of residents who drink raw milk, and what characteristics (e.g., urban/rural status, age, gender, ethnicity, income, education, and having an immunocompromising condition) are associated with consumption of raw milk. According to a 2004 survey of state departments of agriculture, four of the FoodNet sites are in states where the sale of raw milk is illegal, four states allow the sale of raw milk at the farm, retail outlets, and through cow-share agreements, one allows sale of raw milk only at the farm, and one only through cow-share programs.
Data sources:	FoodNet population surveillance data, all cycles.
Timeline:	1 year
Publication:	TBD

FoodNet *Listeria* Case Report Proposal

Proposal: To analyze *Listeria* case report form data sent to CDC Outbreak Unit on the CSTE *Listeria* case report form

Lead Investigators: Michelle Soeters- Southern Connecticut State University MPH student, Ruthanne Marcus, Sharon Hurd (CT FoodNet)

Study Team: Gwen Ewald, Michael Lynch, ?others

Date Submitted: January 29, 2007

Purpose: To provide descriptive analysis of the *Listeria* case-patient data collected from ??2004-2006

Timeline: Immediate acquisition of ACCESS database; to be analyzed using SAS 9.1.2. Data analysis to be completed by August, 2007, results written by May, 2008.

Proposal: To conduct descriptive analysis of the data collected using the CSTE *Listeria* case report form by all states. The analysis will include analysis of the FoodNet site data only.

In 2003, the Council for State and Territorial Epidemiologists (CSTE) and the Centers for Disease Control and Prevention (CDC) recommended prompt routine interviewing of all patients with culture-confirmed listeriosis using a standardized questionnaire to facilitate investigation of outbreaks due to *Listeria* (CSTE 2003 position statement ID-01). Prospective interviewing of cases of listeriosis with a standardized questionnaire that includes questions about consumption of high-risk food, together with swift subtyping of *L. monocytogenes* isolates through PulseNet, will shorten the time interval between outbreak detection and the identification and recall of contaminated foods, and reduce the resources required to investigate listeriosis outbreaks.

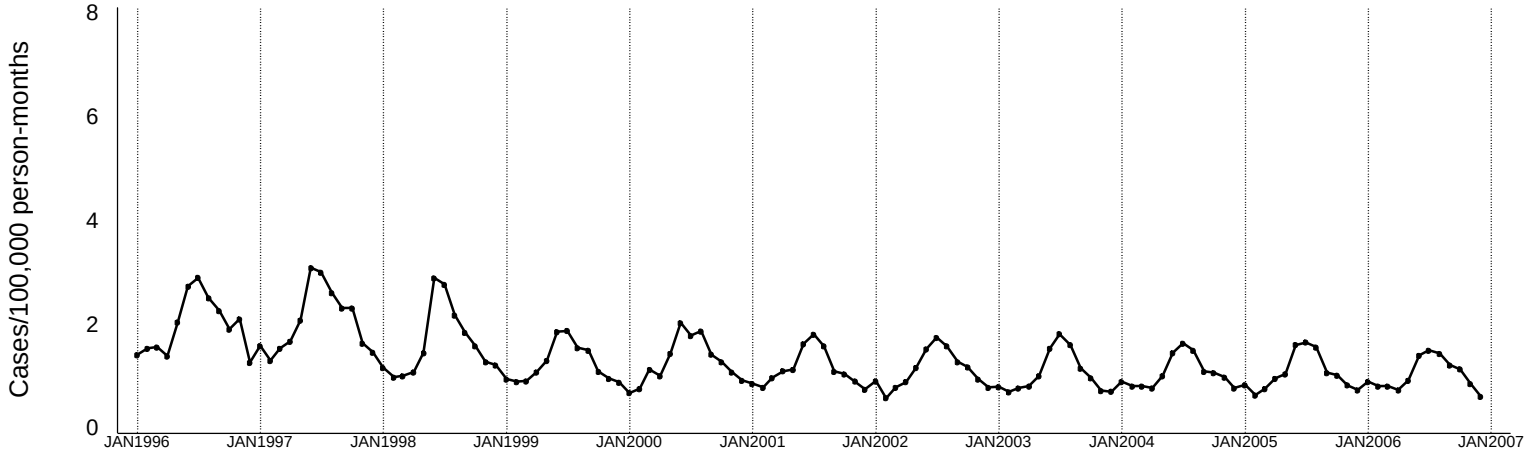
populations	2005	2006
bacterial/parasitic	44,949,056	44,949,056

FoodNet data through December 2006

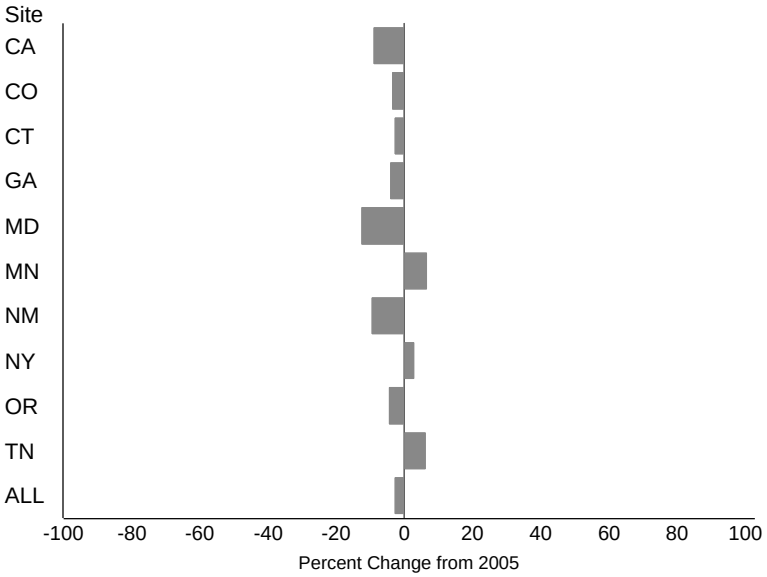
	June data		population		Rate Comparisons					
Pathogen	2005 count	2006 count	2005	2006	2005 rate	2006 rate	compared to 2005	p-value	compared to 5 yr mean	Last Month: compared to 2005
Campylobacter	5690	5535	44,943,366	44,943,521	12.66	12.31	d	0.1435	d	d
Listeria	136	136	44,948,920	44,948,920	0.30	0.30	-	1.0000	u	u
Salmonella , all serotypes	6505	6511	44,942,551	44,942,545	14.47	14.49	-	1.0000	d	d
*S. T*yphimurium	1158	1107	44,947,898	44,947,949	2.58	2.46	d	0.2840	d	d
*S. E*nteritidis	1097	1042	44,947,959	44,948,014	2.44	2.32	d	0.2345	u	d
S. Newport	574	508	44,948,482	44,948,548	1.28	1.13	d	0.0449	d	d
S. Heidelberg	367	223	44,948,689	44,948,833	0.82	0.50	d	0.0000	d	d
S. Javiana	321	274	44,948,735	44,948,782	0.71	0.61	d	0.0541	d	d
Salmonella , all others	2988	3357	44,946,068	44,945,699	6.65	7.47	u	0.0000	u	u
Shigella , all species	2095	2675	44,946,961	44,946,381	4.66	5.95	u	0.0000	d	u
Shigella sonnei	1563	2094	44,947,493	44,946,962	3.48	4.66	u	0.0000	d	u
Shigella flexneri	369	384	44,948,687	44,948,672	0.82	0.85	u	0.5849	d	u
Shigella , all others	163	197	44,948,893	44,948,859	0.36	0.44	u	0.0734	d	u
STEC O157	473	577	44,948,583	44,948,479	1.05	1.28	u	0.0013	u	u
STEC non-O157	128	180	44,948,928	44,948,876	0.28	0.40	u	0.0030	u	u
Vibrio , all species	121	152	44,948,935	44,948,904	0.27	0.34	u	0.0609	u	u
Virbio parahaemolyticus	60	92	44,948,996	44,948,964	0.13	0.20	u	0.0095	u	u
Vibrio vulnificus	16	18	44,949,040	44,949,038	0.04	0.04	u	0.7359	u	u
Virbio , all others	45	42	44,949,011	44,949,014	0.10	0.09	d	0.7493	d	d
Yersinia	163	154	44,948,893	44,948,902	0.36	0.34	d	0.6138	d	d
Cryptosporidium	1326	845	44,947,730	44,948,211	2.95	1.88	d	0.0000	u	d
Cyclospora	65	40	44,948,991	44,949,016	0.14	0.09	d	0.0148	u	d

Campylobacter

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site



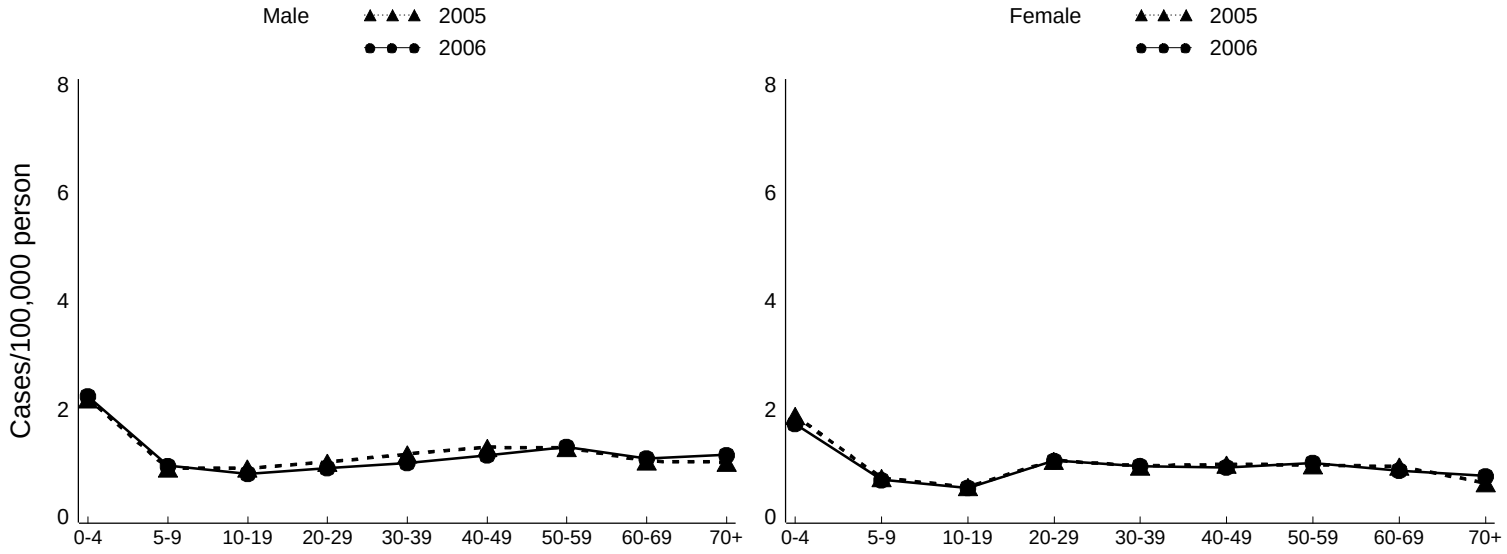
* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	837	26.11	918	28.63	945	29.43
CO	478	18.48	495	19.14	411	16.65
CT	528	15.04	543	15.47	542	15.58
GA	561	6.183	585	6.448	612	7.008
MD	353	6.303	403	7.196	358	6.796
MN	897	17.48	843	16.42	914	18.08
NM	319	16.54	352	18.25	348	18.14
NY	521	12.09	507	11.77	430	11.96
OR	613	16.84	641	17.60	603	16.95
TN	428	7.178	403	6.758	338	7.141
ALL	5535	12.31	5690	12.66	5501	12.99

*year 2001-2005 except for NM (2004-2005)

^cases/100,000 person

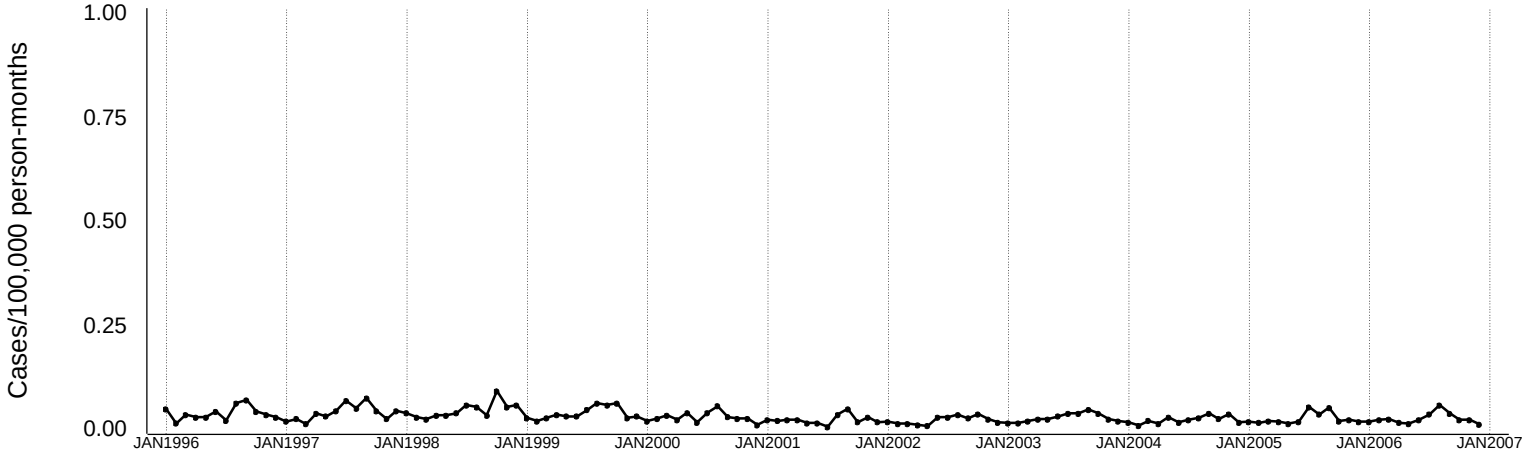
Calendar year through December: Rates for 2005 and 2006 by age group and sex



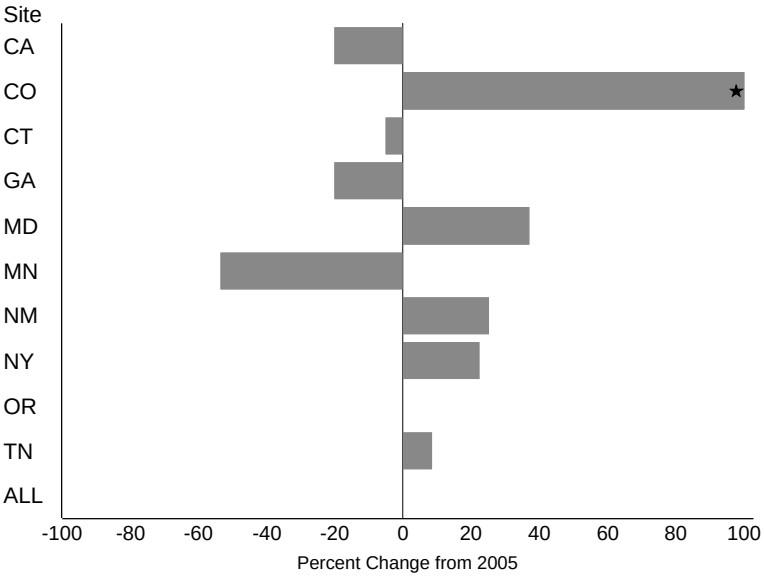
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Listeria

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

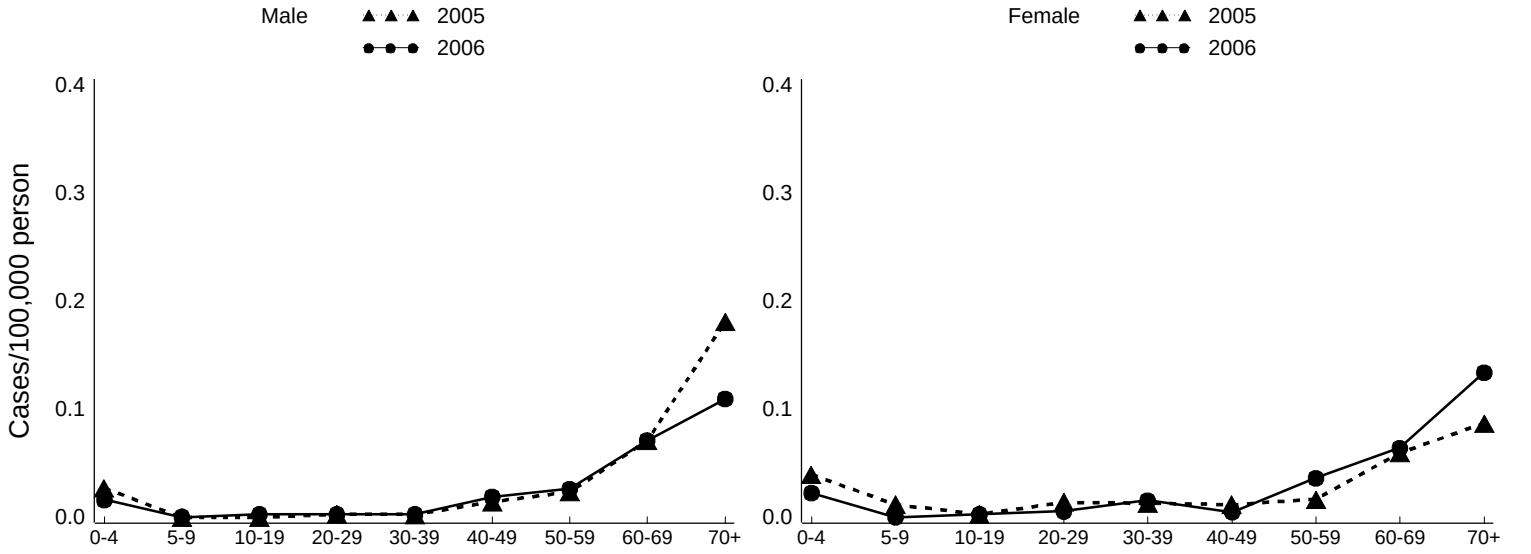


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	8	0.250	10	0.312	14	0.436
CO	5	0.193	2	0.077	5	0.204
CT	19	0.541	20	0.570	18	0.523
GA	20	0.220	25	0.276	21	0.240
MD	26	0.464	19	0.339	20	0.377
MN	7	0.136	15	0.292	7	0.134
NM	5	0.259	4	0.207	3	0.156
NY	22	0.511	18	0.418	13	0.370
OR	11	0.302	11	0.302	8	0.231
TN	13	0.218	12	0.201	9	0.188
ALL	136	0.303	136	0.303	119	0.286

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



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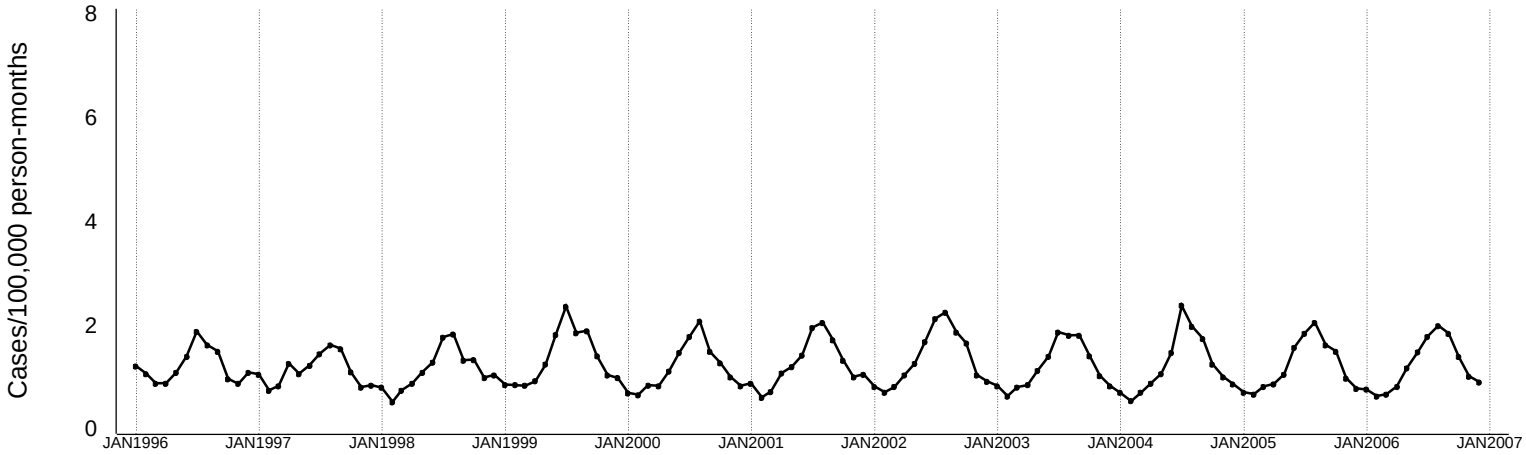
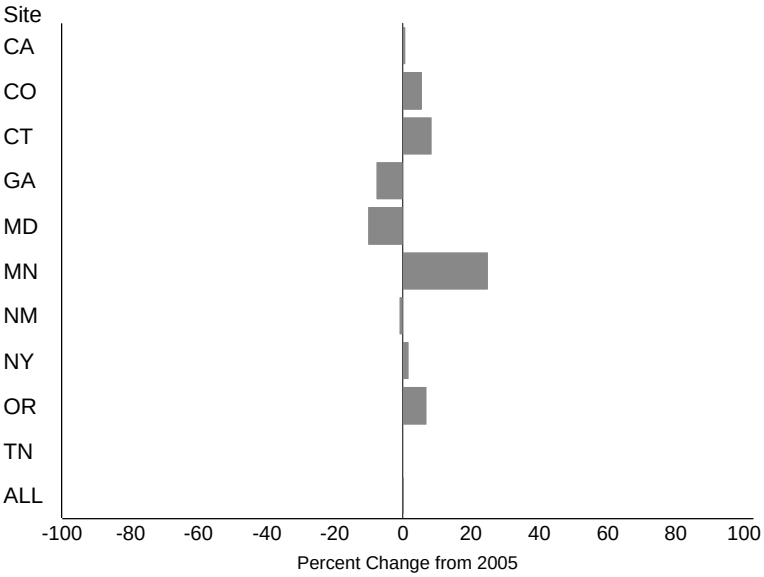
Salmonella, all serotypes

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site



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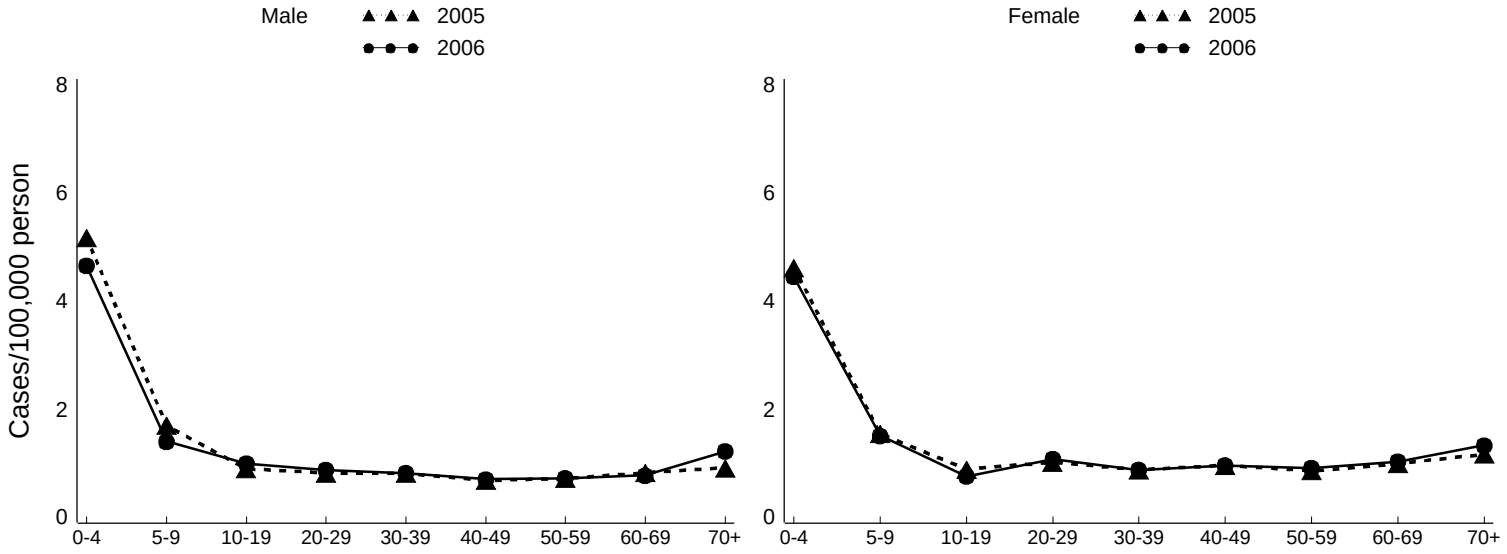
	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	468	14.6	466	14.5	484	15.1
CO	359	13.9	341	13.2	311	12.7
CT	506	14.4	468	13.3	448	12.9
GA	1782	19.6	1928	21.3	1888	21.6
MD	712	12.7	791	14.1	789	15.0
MN	722	14.1	579	11.3	617	12.2
NM	250	13.0	252	13.1	267	13.9
NY	495	11.5	488	11.3	427	12.1
OR	401	11.0	376	10.3	348	9.77
TN	816	13.7	816	13.7	667	14.9
ALL	6511	14.5	6505	14.5	6246	14.9

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

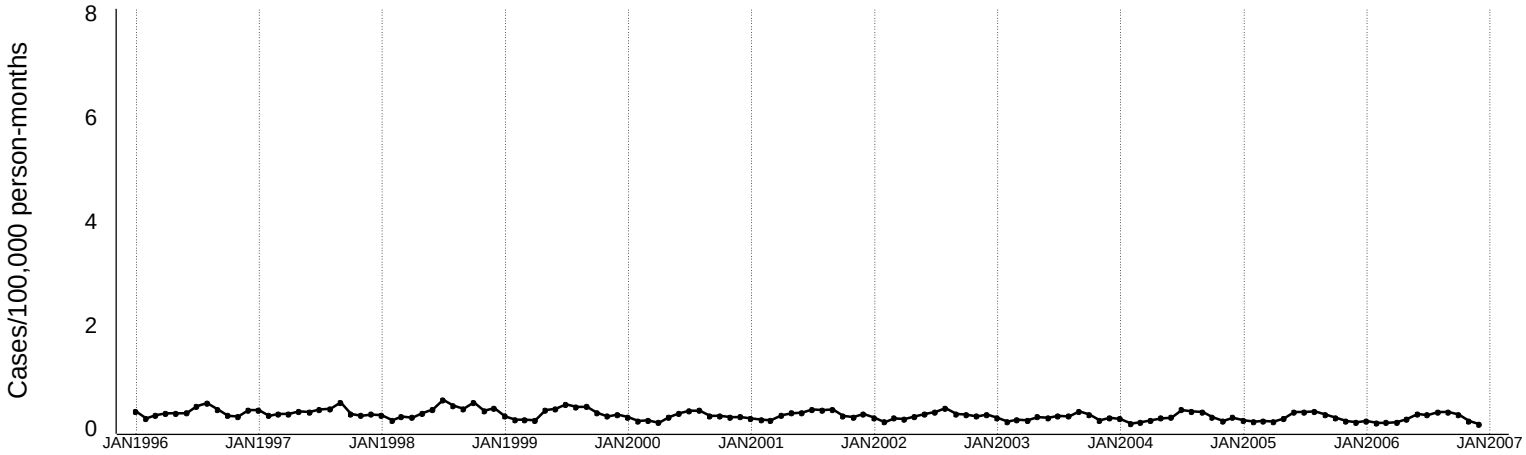
Calendar year through December: Rates for 2005 and 2006 by age group and sex



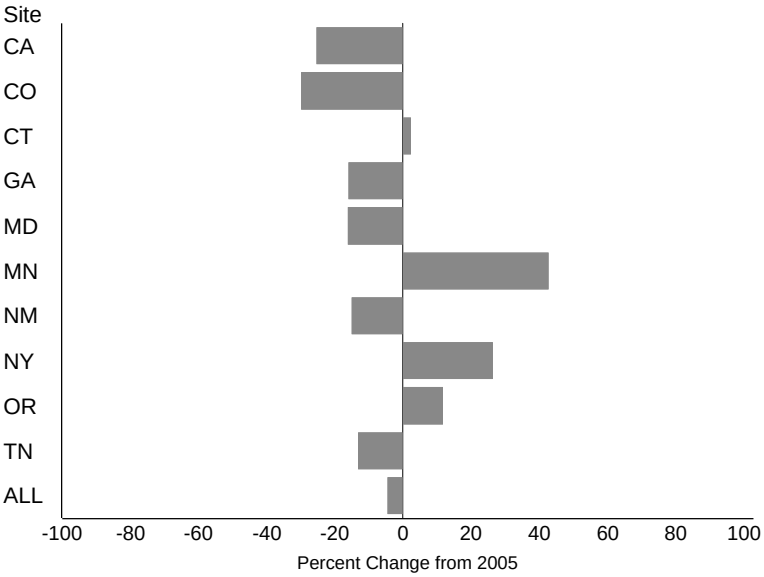
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Salmonella Typhimurium

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site

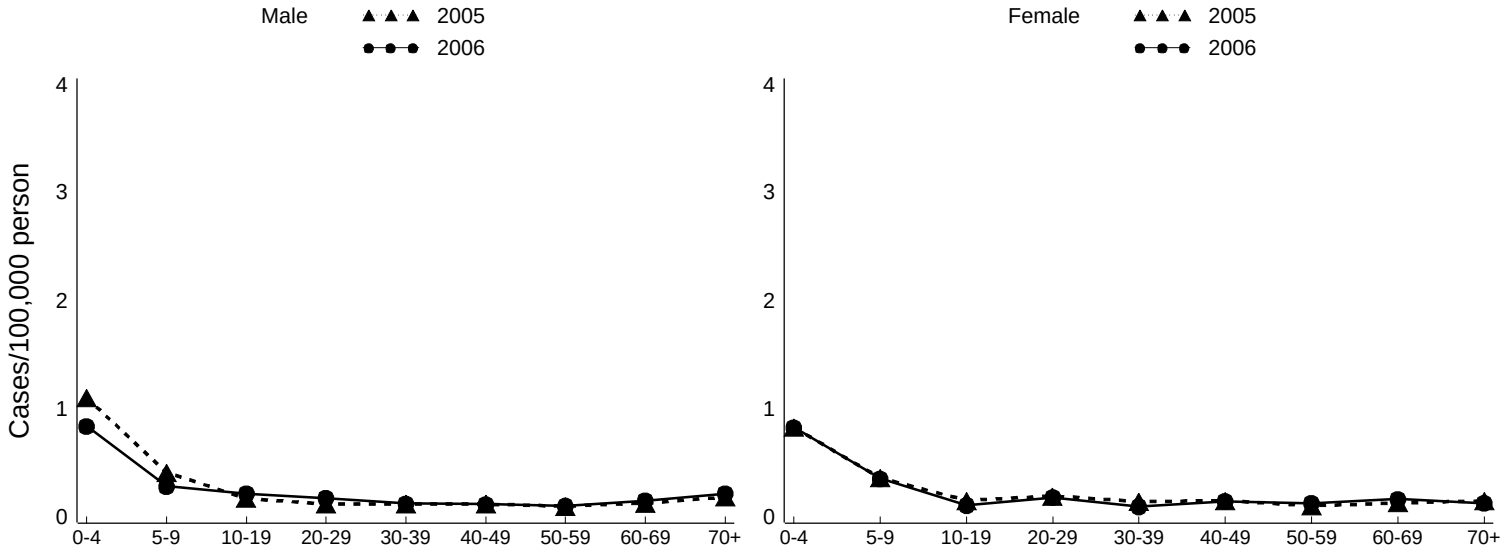


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	65	2.03	87	2.71	81	2.52
CO	66	2.55	94	3.63	77	3.13
CT	93	2.65	91	2.59	96	2.76
GA	227	2.50	270	2.98	294	3.37
MD	100	1.79	119	2.12	133	2.54
MN	171	3.33	120	2.34	151	2.99
NM	40	2.07	47	2.44	52	2.72
NY	125	2.90	99	2.30	87	2.57
OR	87	2.39	78	2.14	78	2.19
TN	133	2.23	153	2.57	145	3.35
ALL	1107	2.46	1158	2.58	1194	2.87

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



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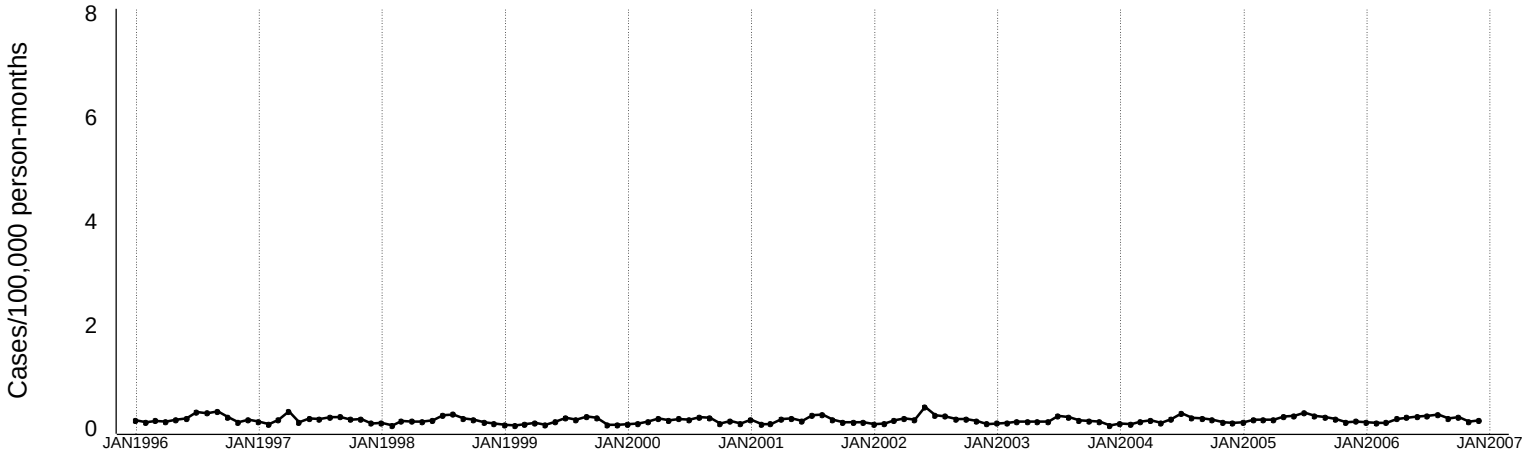
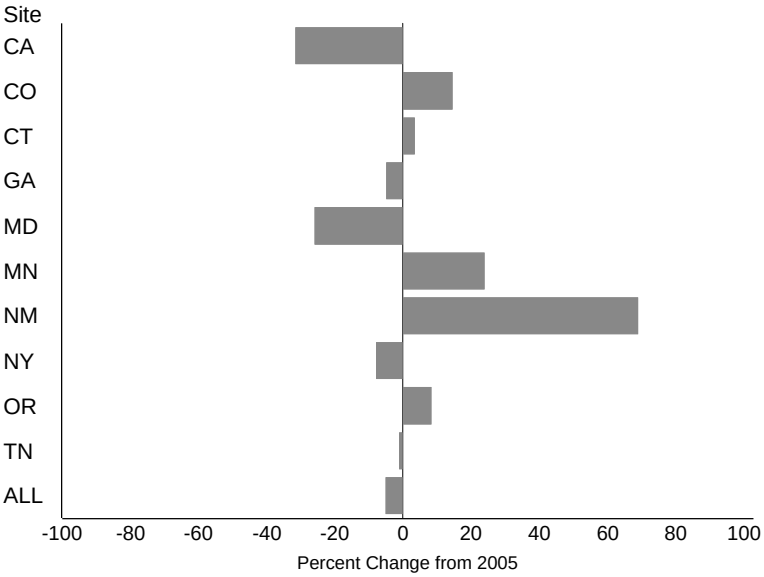
Salmonella Enteritidis

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

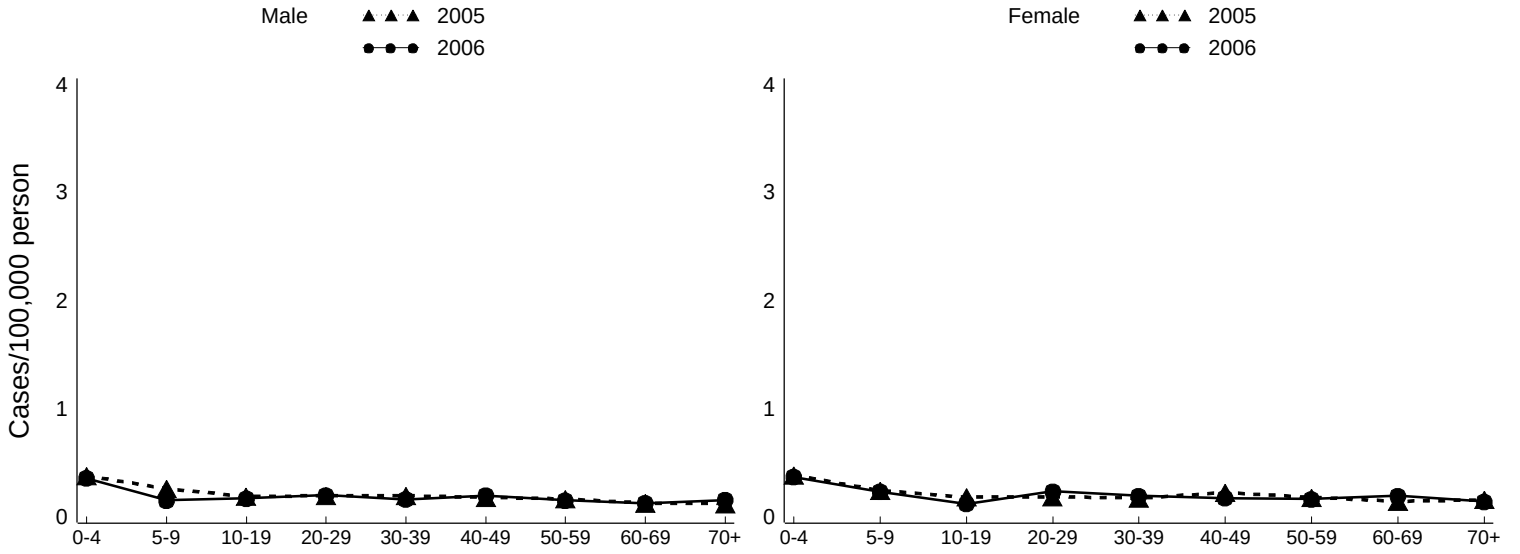


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	83	2.589	121	3.774	80	2.480
CO	64	2.474	56	2.165	55	2.231
CT	128	3.646	124	3.532	100	2.875
GA	137	1.510	144	1.587	101	1.151
MD	179	3.196	241	4.303	213	4.064
MN	161	3.137	130	2.533	118	2.333
NM	27	1.400	16	0.830	16	0.835
NY	84	1.950	91	2.112	81	2.279
OR	79	2.170	73	2.005	54	1.506
TN	100	1.677	101	1.694	57	1.202
ALL	1042	2.318	1097	2.441	875	2.117

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

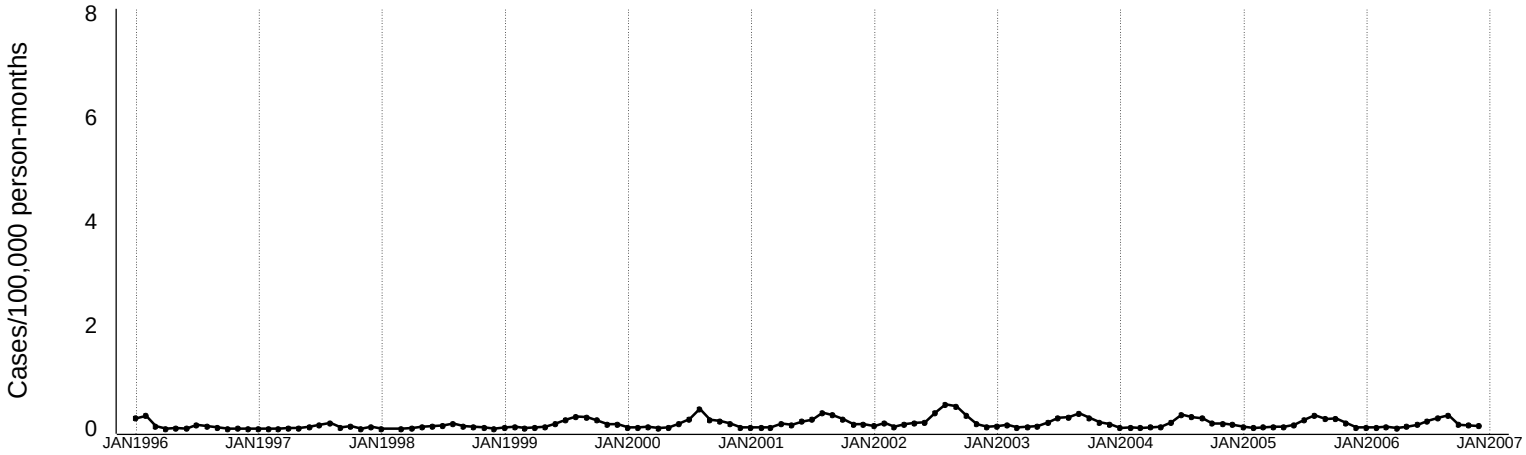
Calendar year through December: Rates for 2005 and 2006 by age group and sex



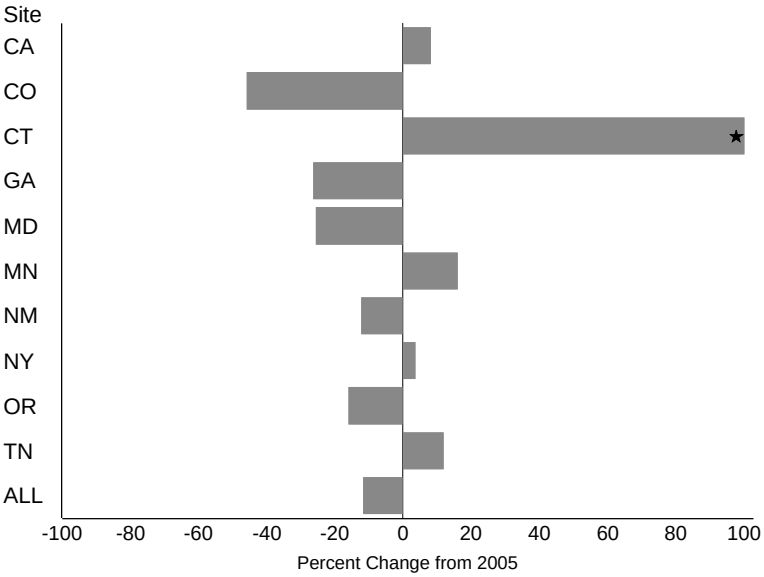
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Salmonella Newport

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site

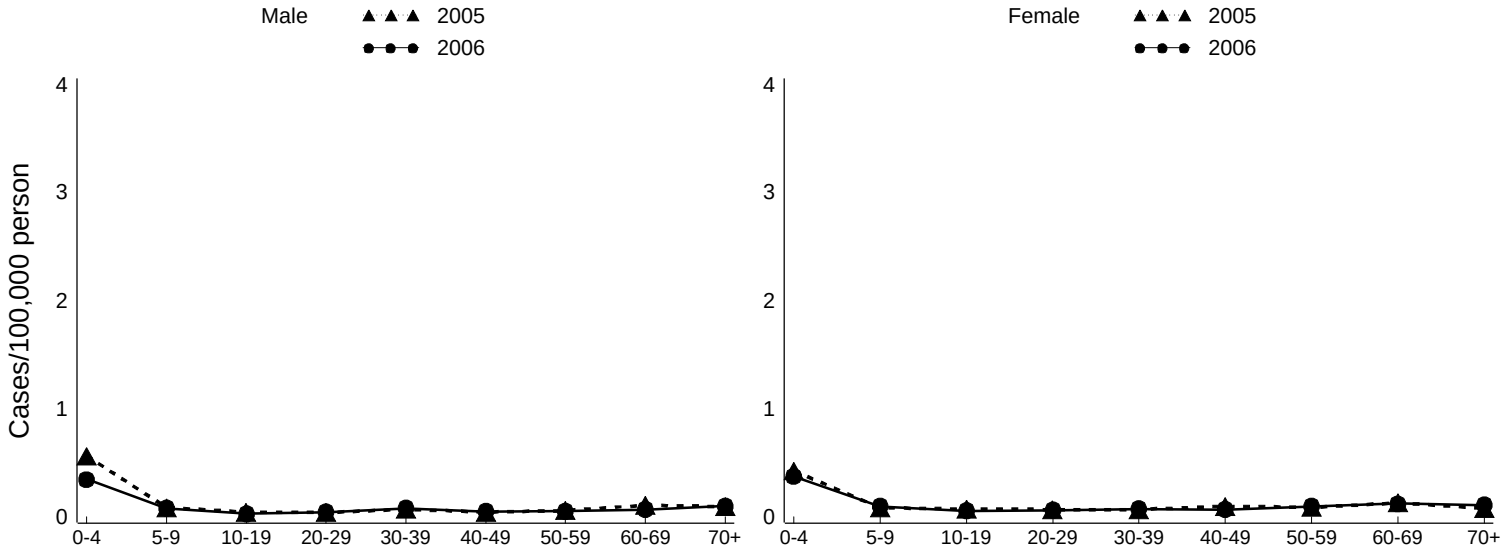


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	27	0.842	25	0.780	32	0.984
CO	19	0.735	35	1.353	25	1.002
CT	38	1.083	15	0.427	37	1.056
GA	200	2.204	271	2.987	301	3.441
MD	38	0.679	51	0.911	53	0.997
MN	51	0.994	44	0.857	51	1.004
NM	22	1.141	25	1.296	25	1.305
NY	30	0.696	29	0.673	46	1.306
OR	16	0.439	19	0.522	23	0.658
TN	67	1.124	60	1.006	68	1.635
ALL	508	1.130	574	1.277	660	1.599

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

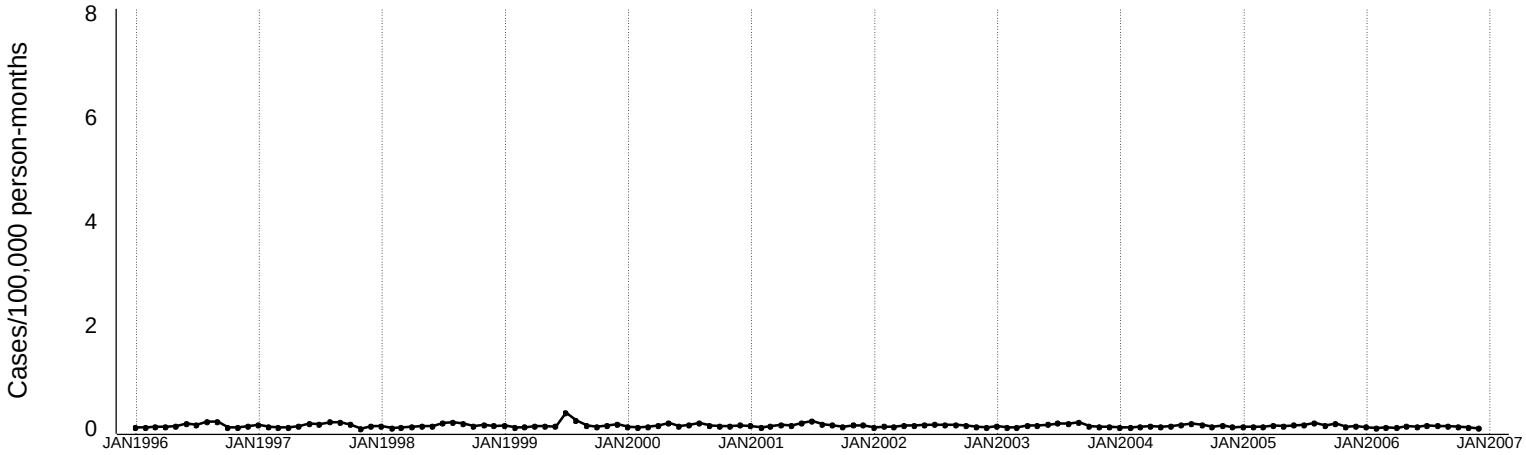
Calendar year through December: Rates for 2005 and 2006 by age group and sex



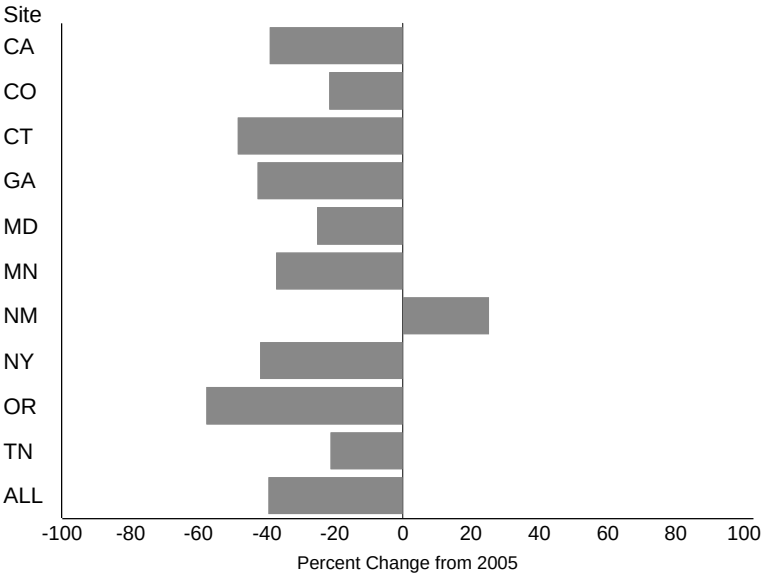
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Salmonella Heidelberg

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

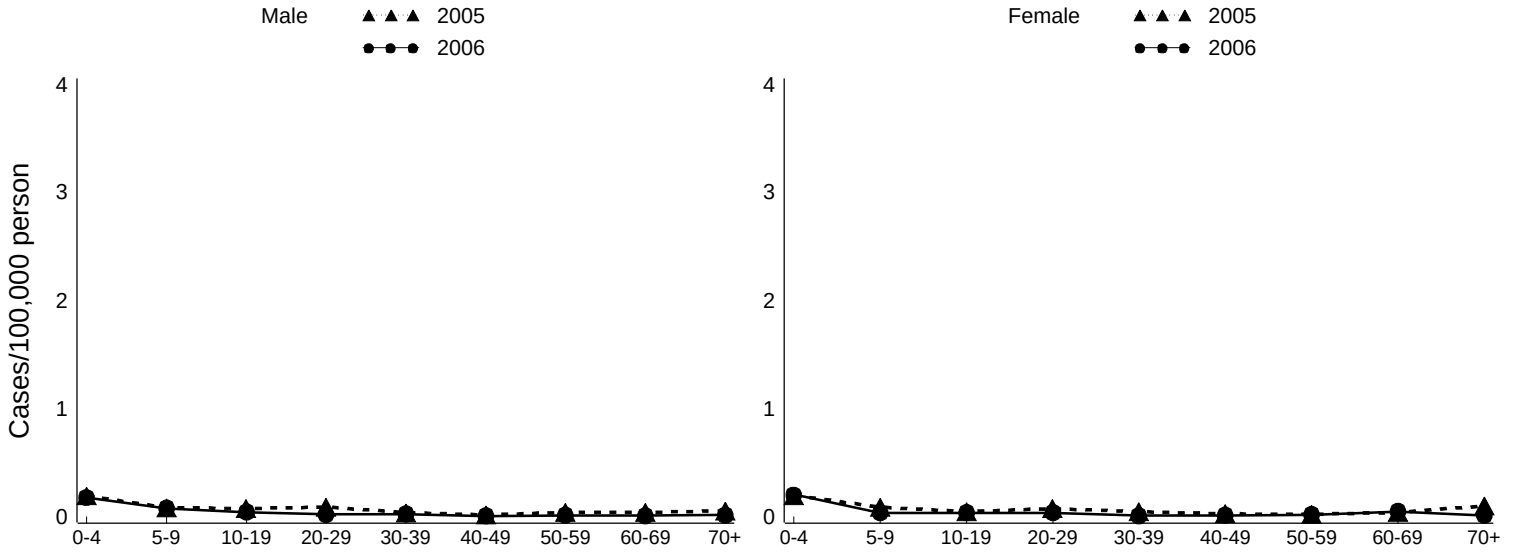


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	25	0.780	41	1.279	44	1.377
CO	11	0.425	14	0.541	17	0.722
CT	15	0.427	29	0.826	21	0.603
GA	57	0.628	99	1.091	76	0.872
MD	15	0.268	20	0.357	28	0.540
MN	17	0.331	27	0.526	42	0.832
NM	5	0.259	4	0.207	6	0.288
NY	28	0.650	48	1.114	34	0.967
OR	20	0.549	47	1.291	30	0.835
TN	30	0.503	38	0.637	32	0.683
ALL	223	0.496	367	0.816	330	0.805

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

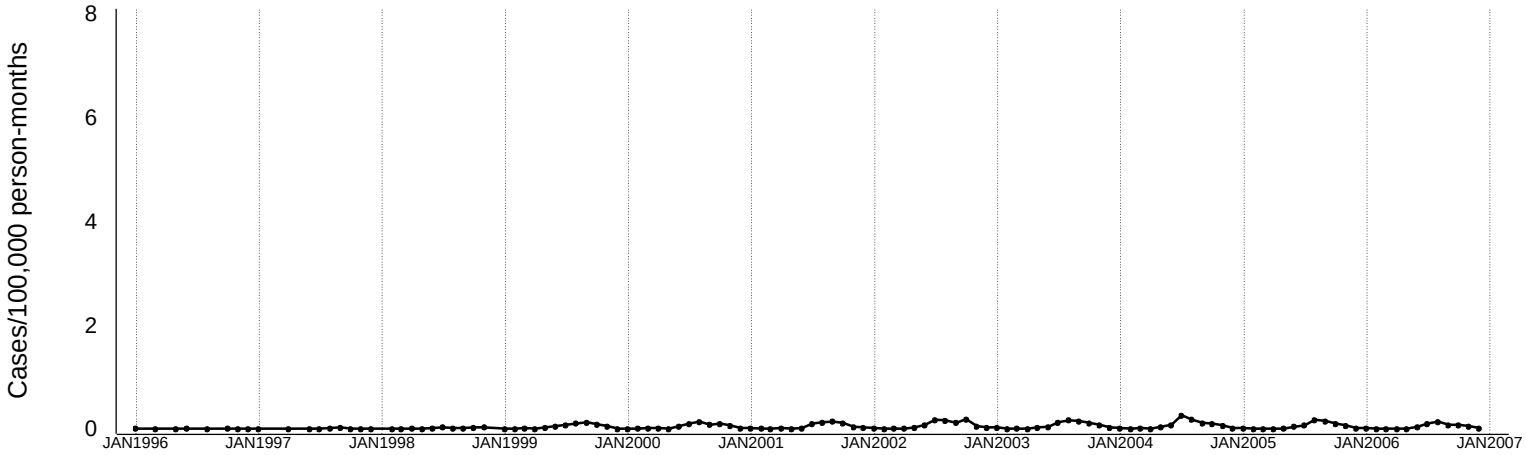
Calendar year through December: Rates for 2005 and 2006 by age group and sex



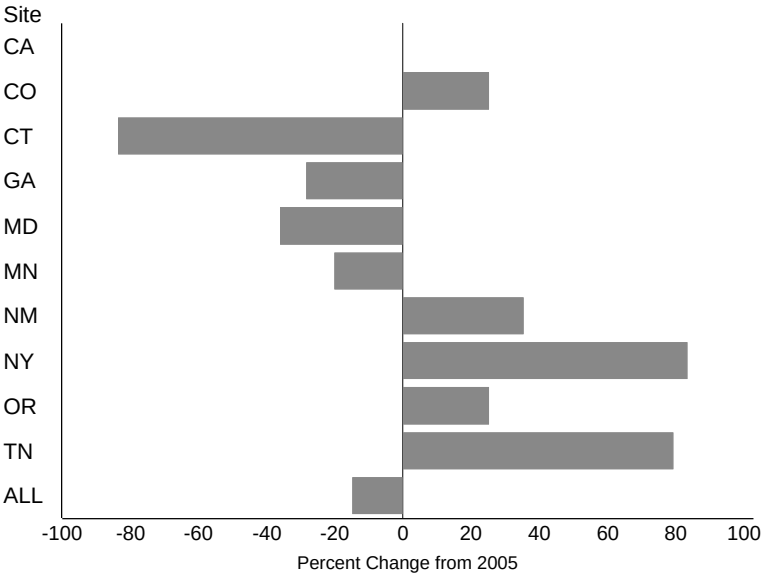
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Salmonella Javiana

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

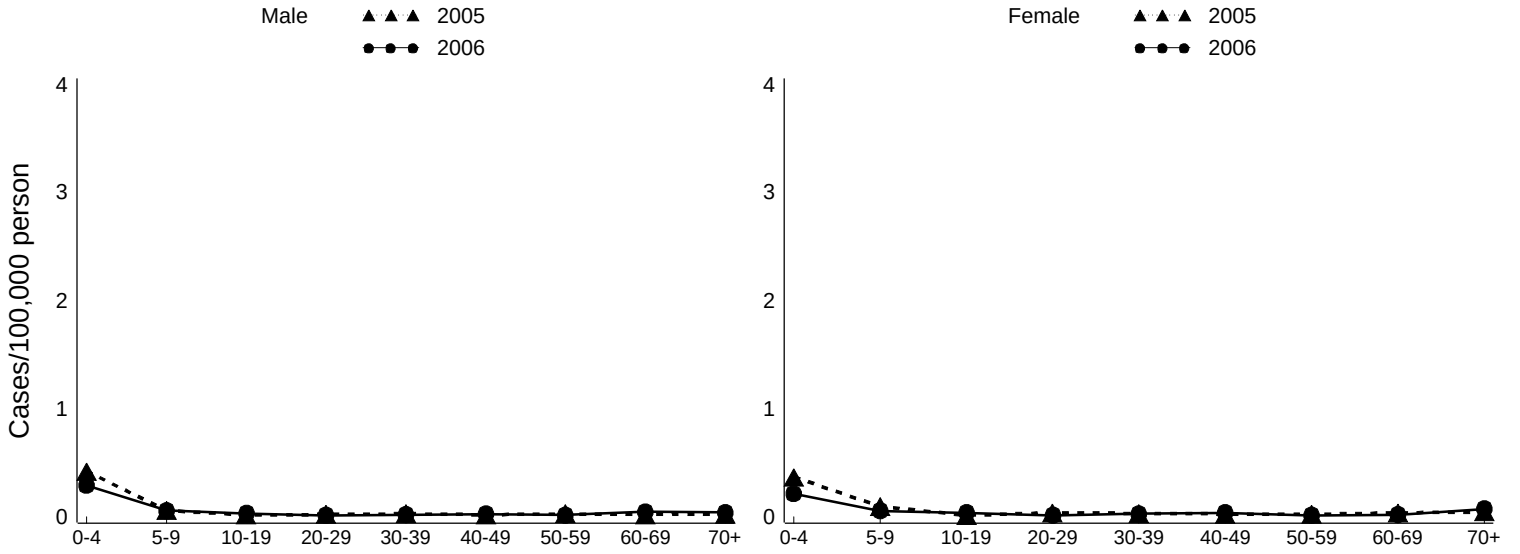


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	4	0.125	4	0.125	4	0.137
CO	5	0.193	4	0.155	4	0.176
CT	1	0.028	6	0.171	6	0.166
GA	162	1.786	226	2.491	233	2.667
MD	16	0.286	25	0.446	33	0.612
MN	4	0.078	5	0.097	7	0.146
NM	23	1.193	17	0.882	19	0.966
NY	11	0.255	6	0.139	5	0.127
OR	5	0.137	4	0.110	3	0.090
TN	43	0.721	24	0.402	28	0.701
ALL	274	0.610	321	0.714	344	0.812

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



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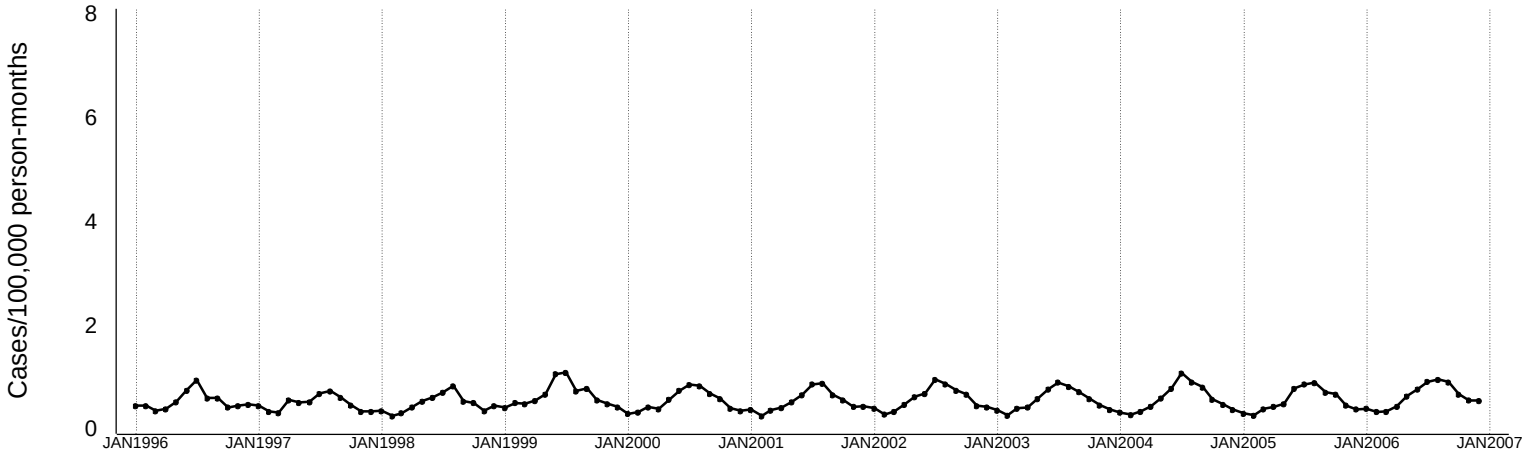
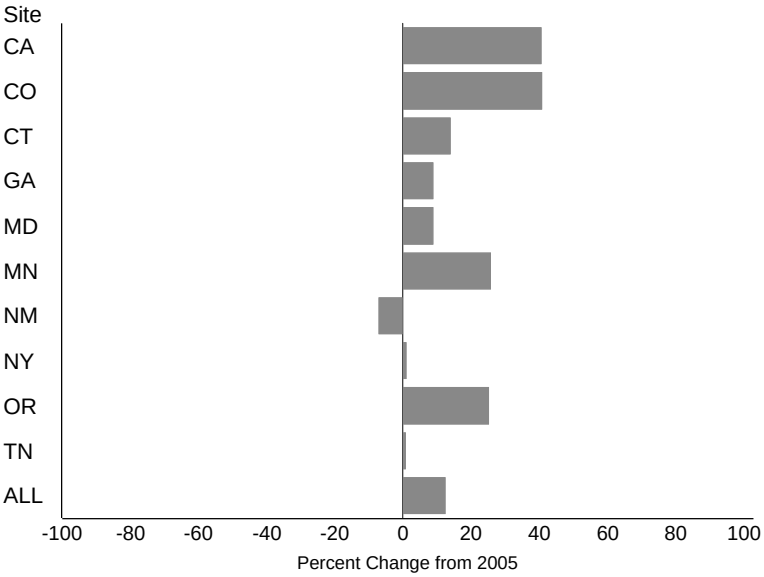
Salmonella, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site

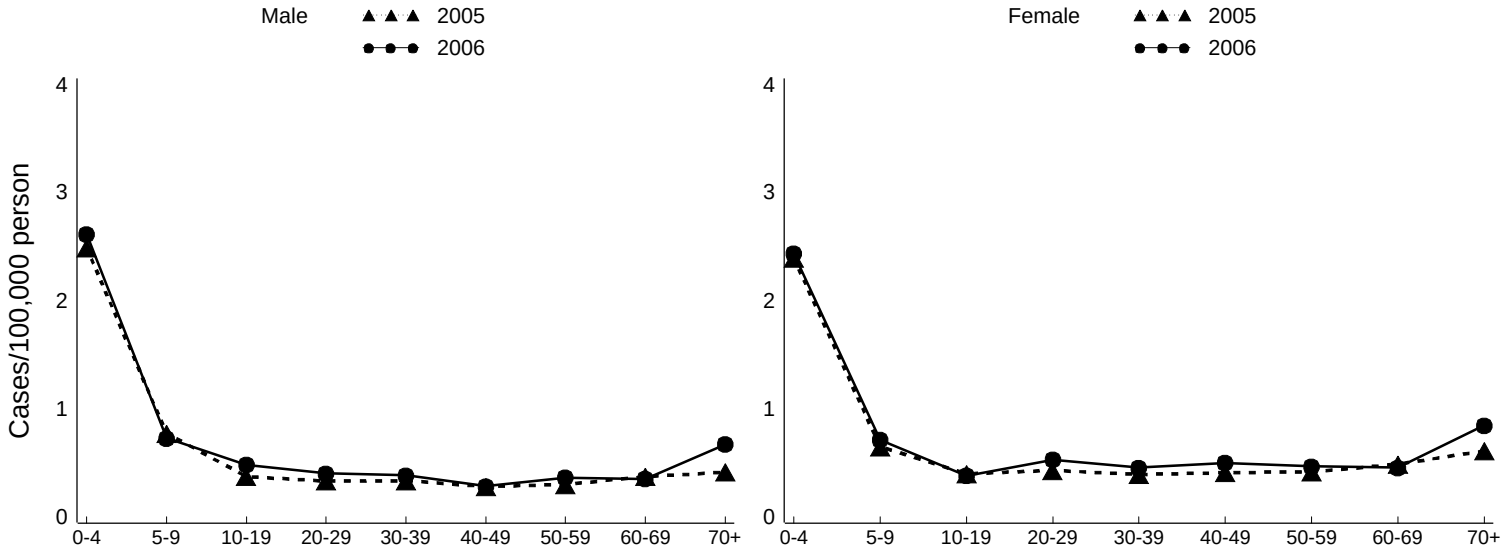


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	264	8.23	188	5.86	244	7.59
CO	194	7.50	138	5.34	133	5.41
CT	231	6.58	203	5.78	189	5.43
GA	999	11.0	918	10.1	883	10.1
MD	364	6.50	335	5.98	327	6.20
MN	318	6.20	253	4.93	248	4.90
NM	133	6.90	143	7.42	150	7.81
NY	217	5.04	215	4.99	174	4.85
OR	194	5.33	155	4.26	160	4.49
TN	443	7.43	440	7.38	336	7.31
ALL	3357	7.47	2988	6.65	2843	6.73

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

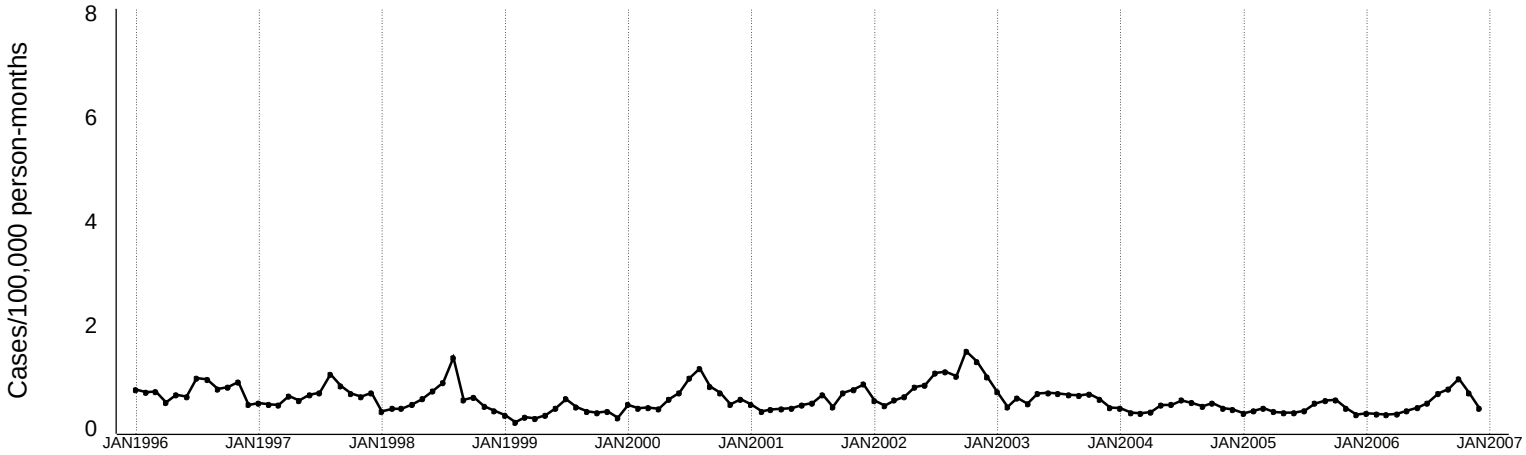
Calendar year through December: Rates for 2005 and 2006 by age group and sex



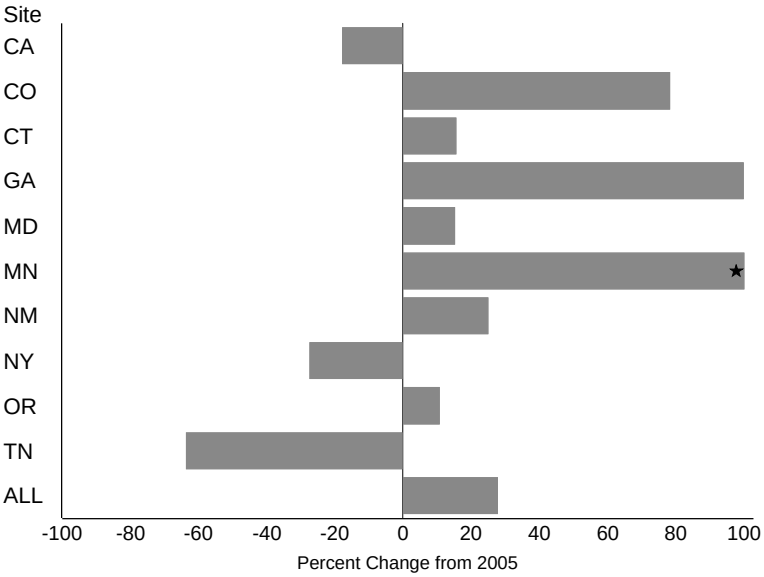
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Shigella, all species

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site

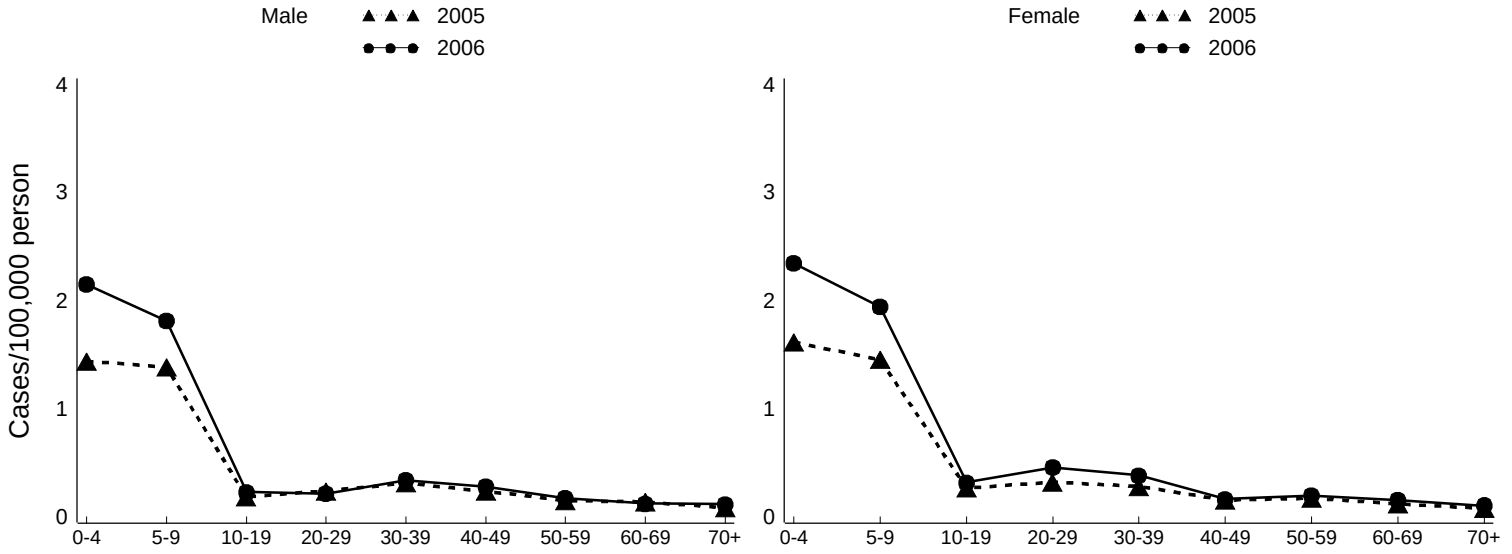


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	233	7.27	283	8.83	316	9.85
CO	180	6.96	101	3.90	142	5.82
CT	67	1.91	58	1.65	72	2.07
GA	1335	14.7	668	7.36	1001	11.5
MD	114	2.04	99	1.77	403	7.51
MN	253	4.93	96	1.87	196	3.91
NM	166	8.61	133	6.90	137	7.13
NY	48	1.11	66	1.53	119	3.06
OR	94	2.58	85	2.33	94	2.64
TN	185	3.10	506	8.49	345	6.72
ALL	2675	5.95	2095	4.66	2825	6.83

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



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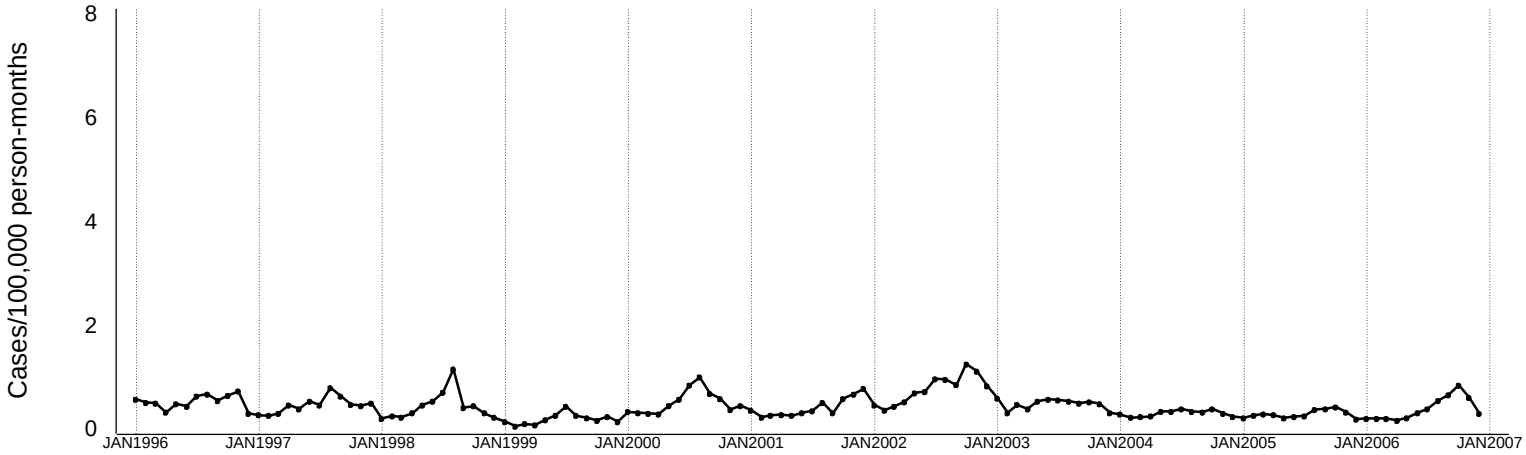
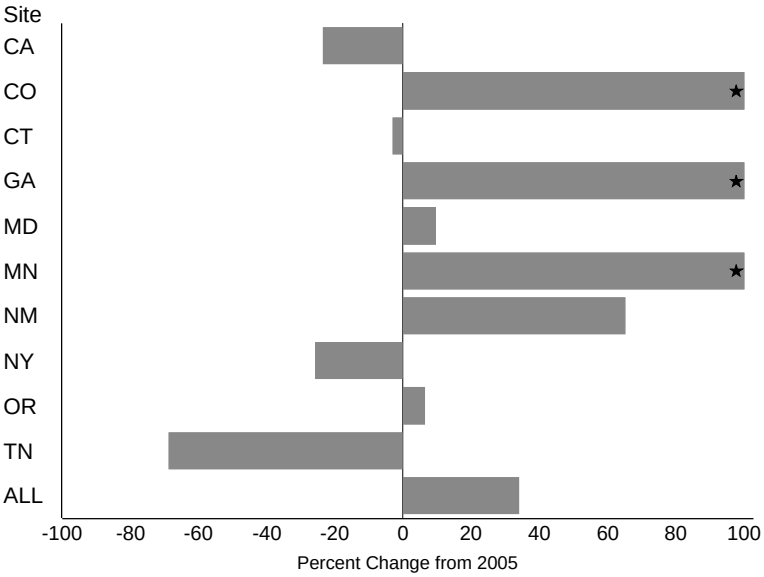
Shigella sonnei

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

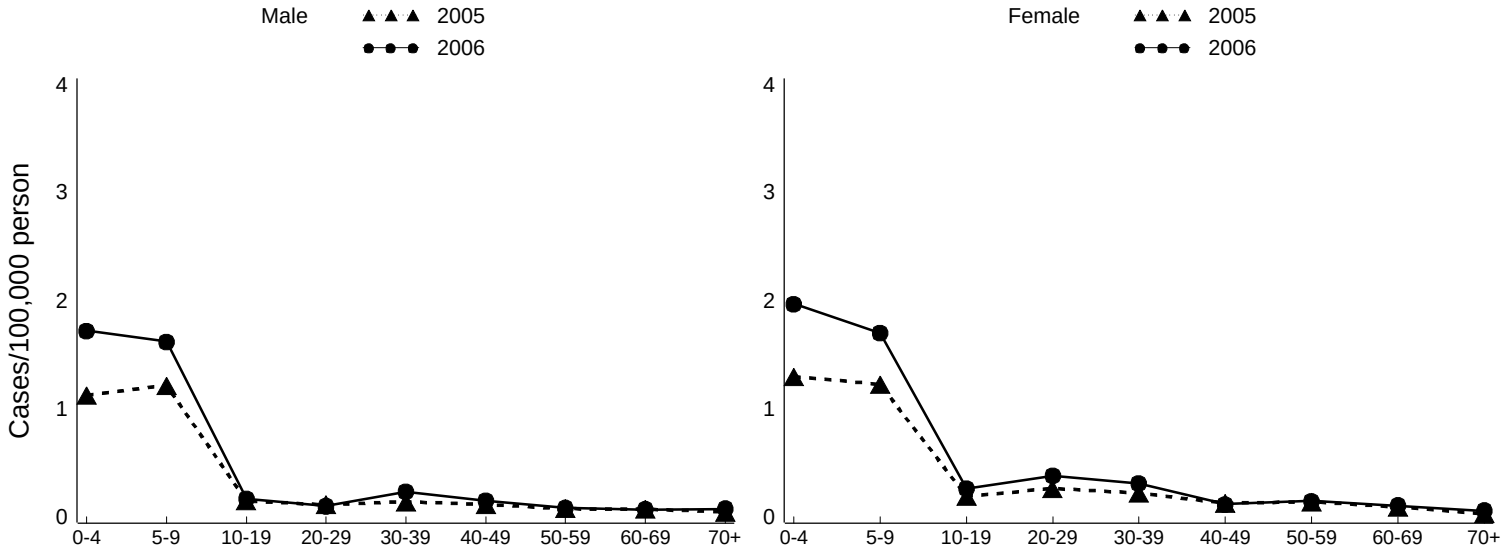


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	135	4.211	176	5.490	190	5.919
CO	130	5.026	62	2.397	101	4.136
CT	34	0.969	35	0.997	50	1.428
GA	1133	12.49	513	5.654	822	9.456
MD	58	1.036	53	0.946	350	6.481
MN	224	4.364	68	1.325	162	3.229
NM	132	6.845	80	4.149	80	4.176
NY	35	0.812	47	1.091	107	2.700
OR	67	1.840	63	1.730	57	1.595
TN	146	2.448	466	7.815	298	5.742
ALL	2094	4.659	1563	3.477	2216	5.415

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



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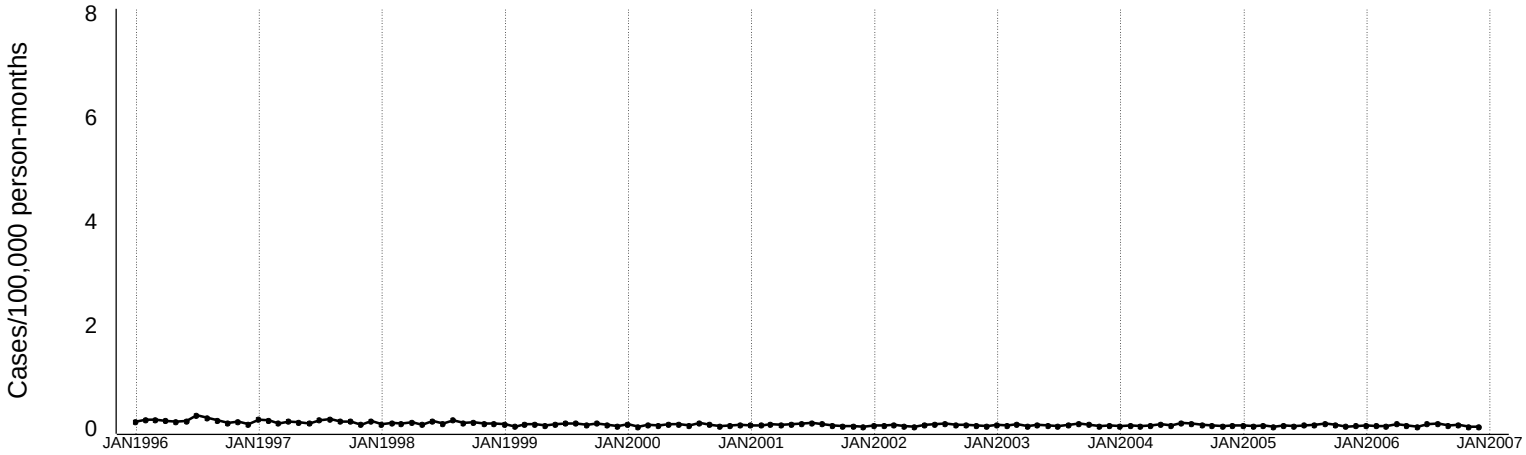
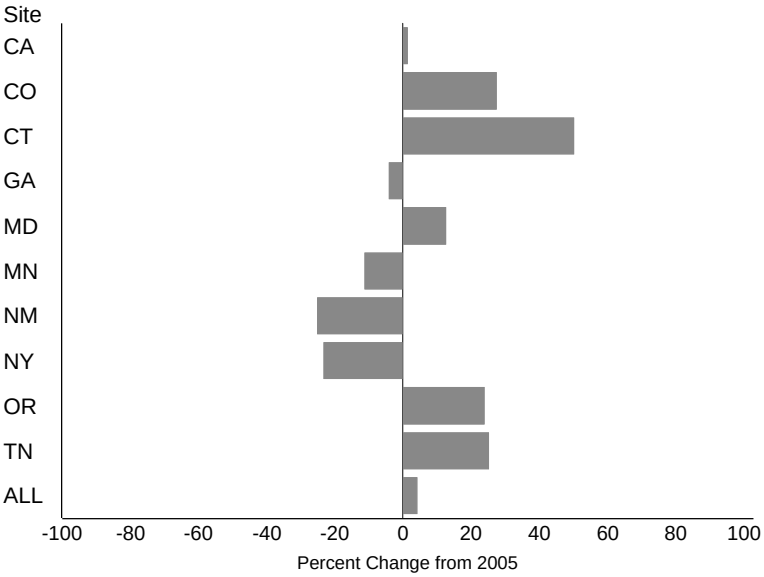
Shigella flexneri

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 by site

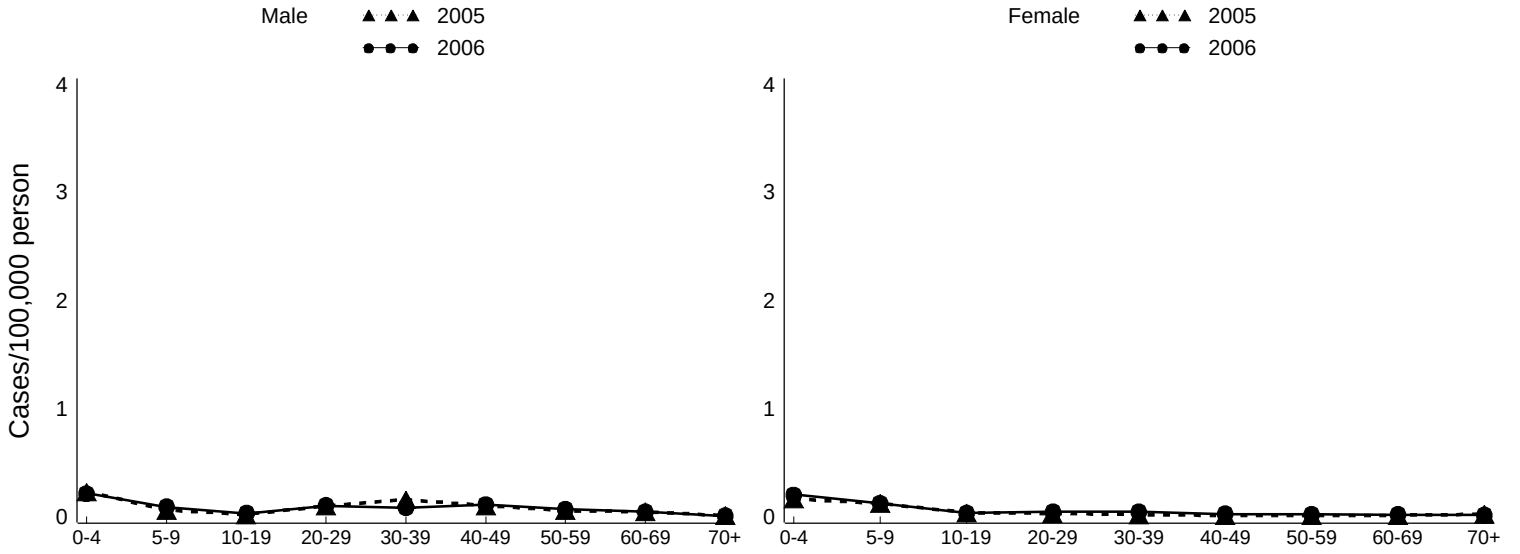


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	87	2.714	86	2.682	94	2.940
CO	42	1.624	33	1.276	33	1.351
CT	30	0.855	20	0.570	20	0.575
GA	70	0.772	73	0.805	76	0.866
MD	45	0.804	40	0.714	42	0.811
MN	24	0.468	27	0.526	27	0.538
NM	30	1.556	40	2.074	46	2.377
NY	10	0.232	13	0.302	10	0.286
OR	26	0.714	21	0.577	33	0.932
TN	20	0.335	16	0.268	13	0.310
ALL	384	0.854	369	0.821	395	0.902

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



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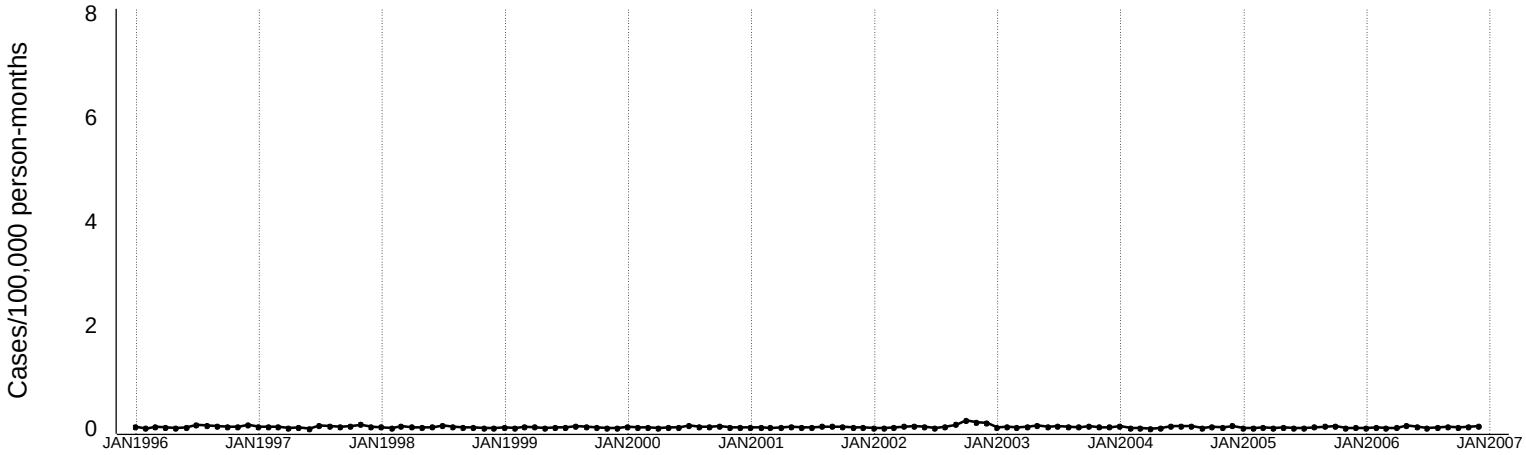
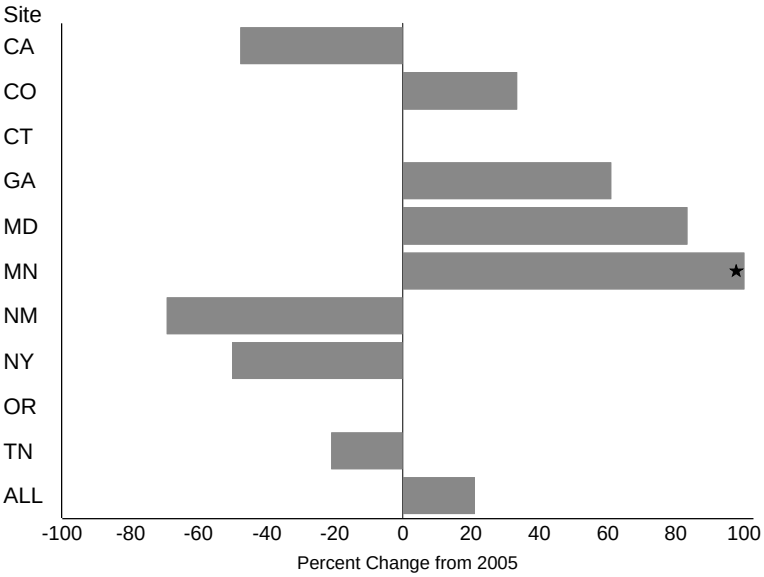
Shigella, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

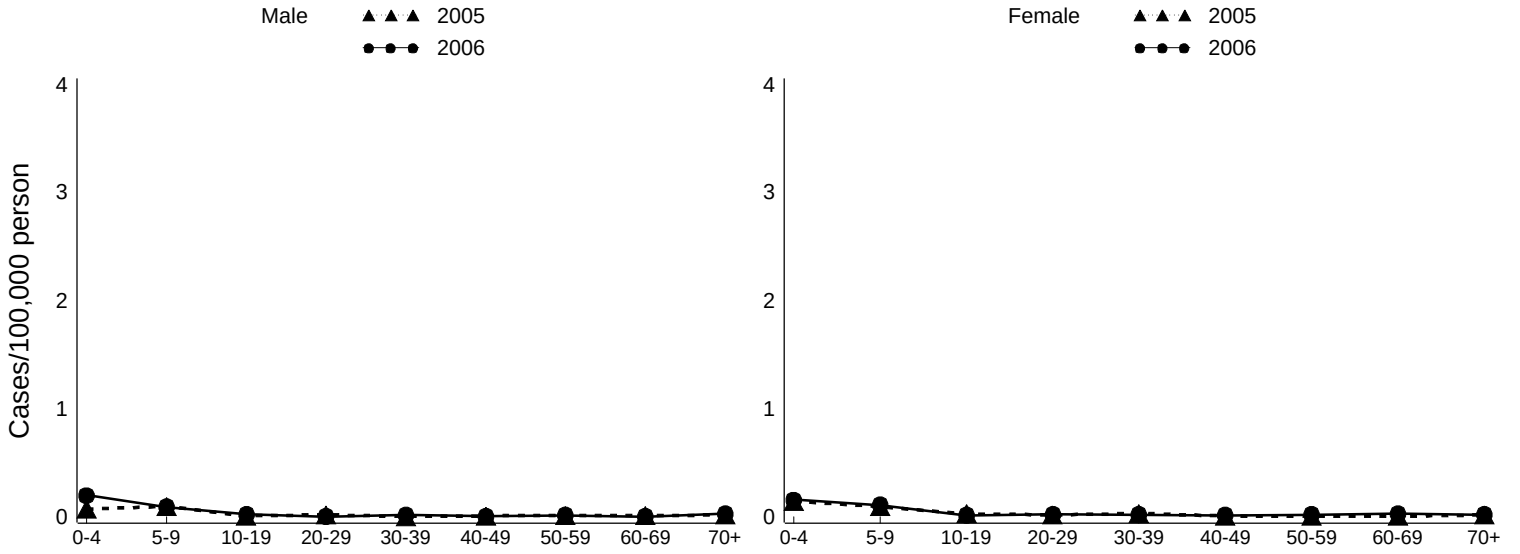


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	11	0.343	21	0.655	32	0.990
CO	8	0.309	6	0.232	8	0.333
CT	3	0.085	3	0.085	2	0.069
GA	132	1.455	82	0.904	103	1.180
MD	11	0.196	6	0.107	11	0.219
MN	5	0.097	1	0.019	7	0.139
NM	4	0.207	13	0.674	11	0.574
NY	3	0.070	6	0.139	3	0.072
OR	1	0.027	1	0.027	4	0.114
TN	19	0.319	24	0.402	34	0.672
ALL	197	0.438	163	0.363	215	0.515

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

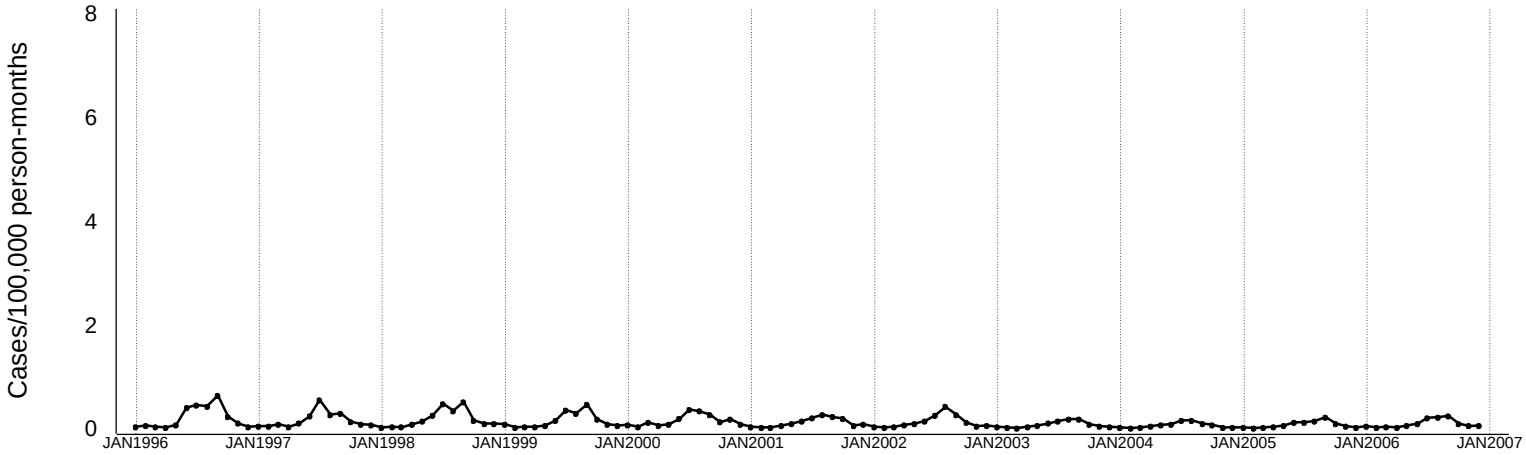
Calendar year through December: Rates for 2005 and 2006 by age group and sex



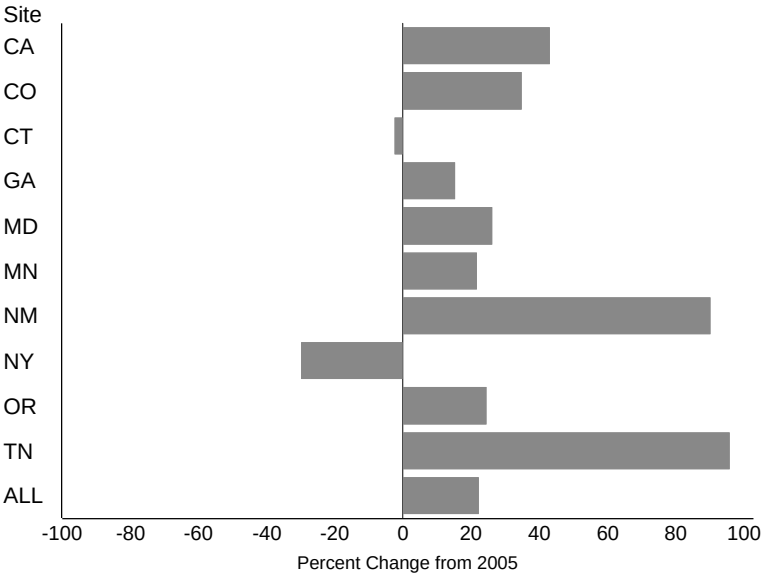
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

STEC O157

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

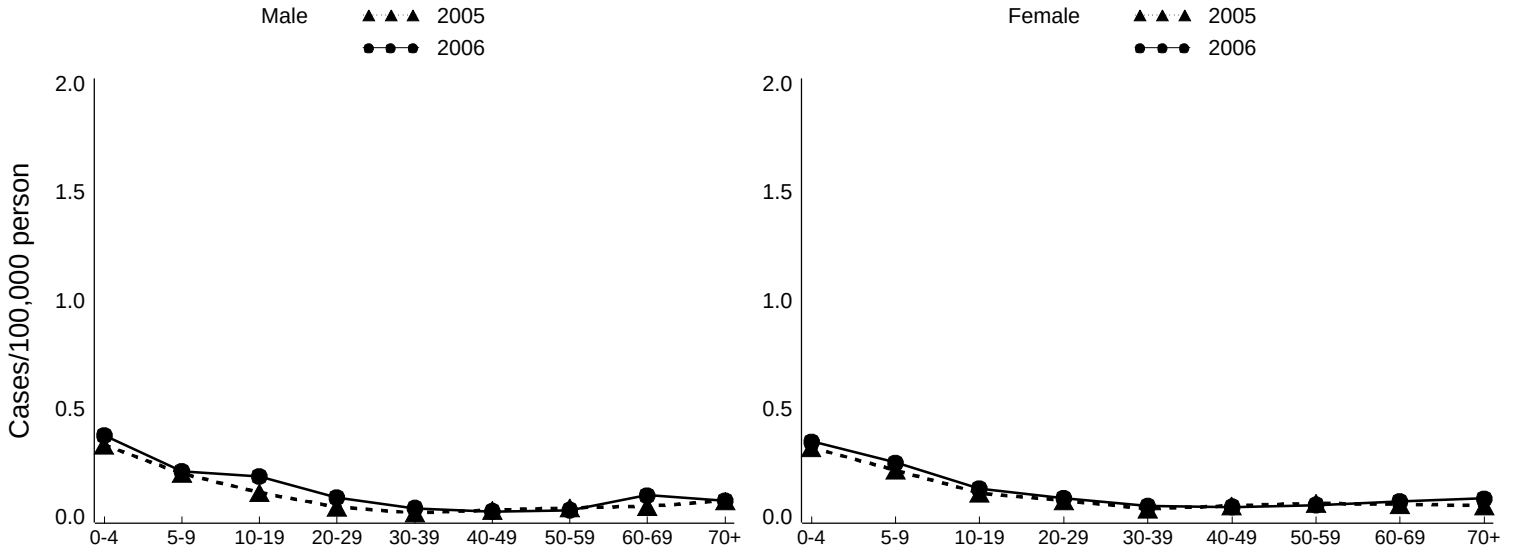


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	40	1.248	28	0.873	33	1.015
CO	35	1.353	26	1.005	36	1.466
CT	42	1.196	43	1.225	39	1.116
GA	38	0.419	33	0.364	33	0.384
MD	34	0.607	27	0.482	23	0.443
MN	147	2.864	121	2.357	149	2.948
NM	19	0.985	10	0.519	9	0.443
NY	52	1.207	74	1.718	53	1.471
OR	82	2.252	66	1.813	93	2.628
TN	88	1.476	45	0.755	38	0.885
ALL	577	1.284	473	1.052	506	1.251

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

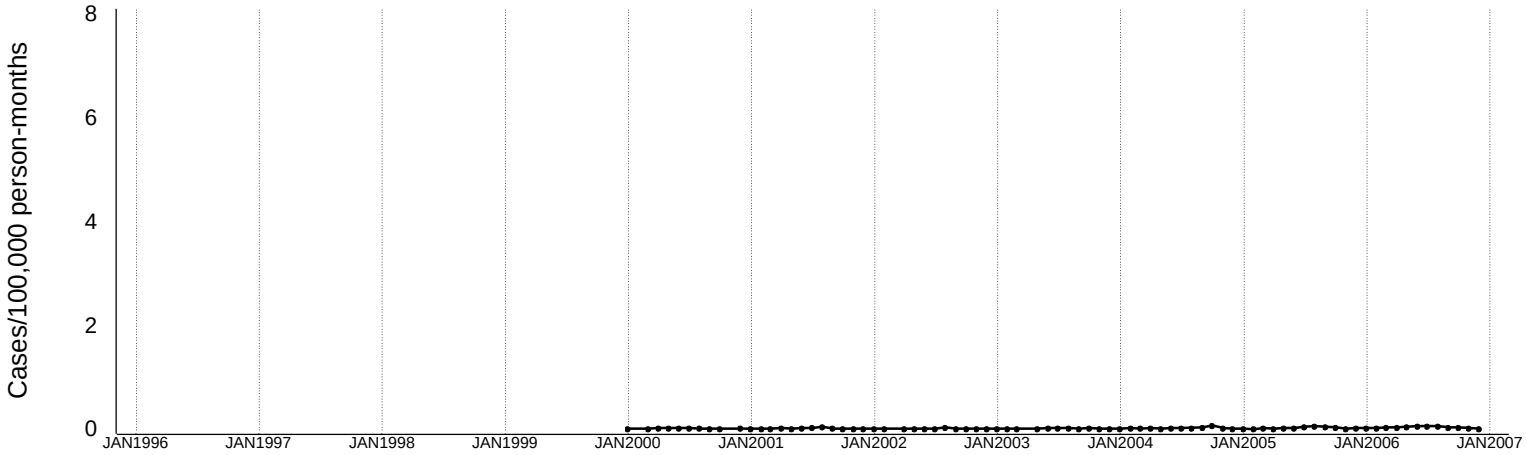
Calendar year through December: Rates for 2005 and 2006 by age group and sex



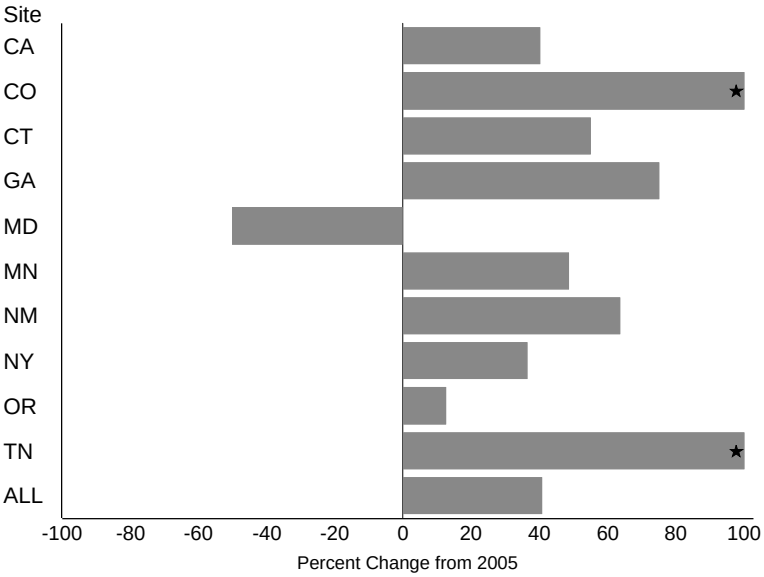
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

STEC Non-O157

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

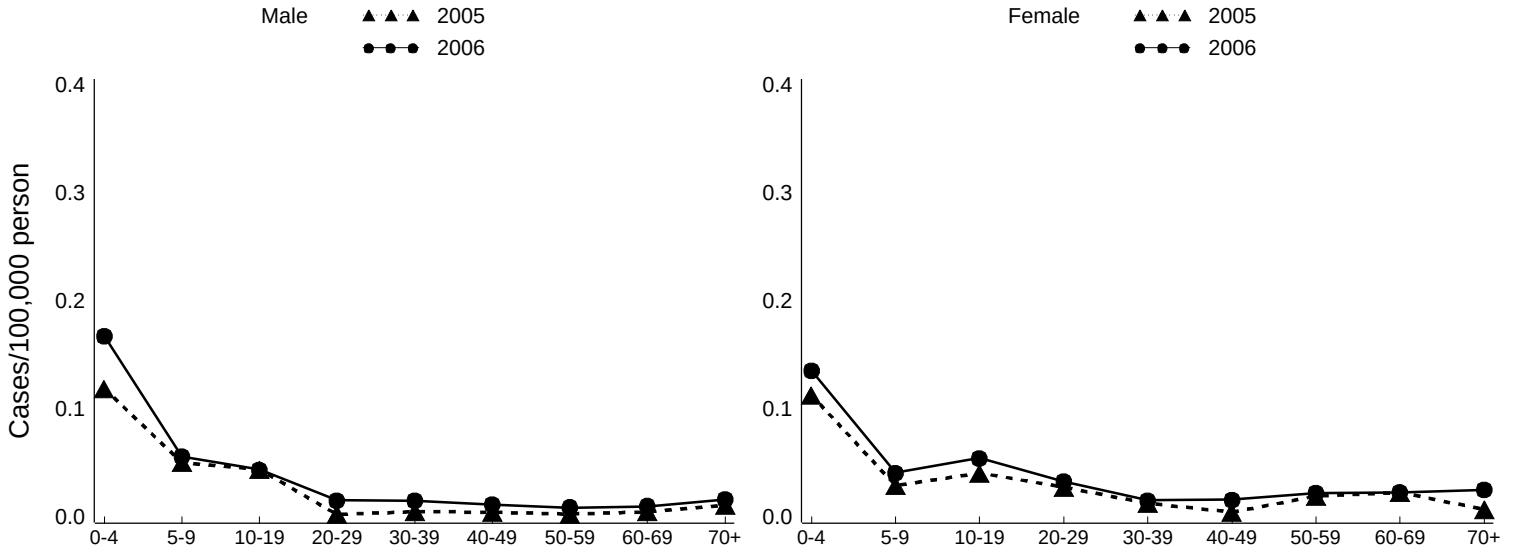


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	7	0.218	5	0.156	1	0.031
CO	16	0.619	4	0.155	2	0.092
CT	31	0.883	20	0.570	22	0.621
GA	14	0.154	8	0.088	5	0.054
MD	12	0.214	24	0.429	7	0.122
MN	52	1.013	35	0.682	20	0.391
NM	18	0.933	11	0.570	11	0.548
NY	15	0.348	11	0.255	10	0.232
OR	9	0.247	8	0.220	4	0.118
TN	6	0.101	2	0.034	2	0.027
ALL	180	0.400	128	0.285	83	0.182

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

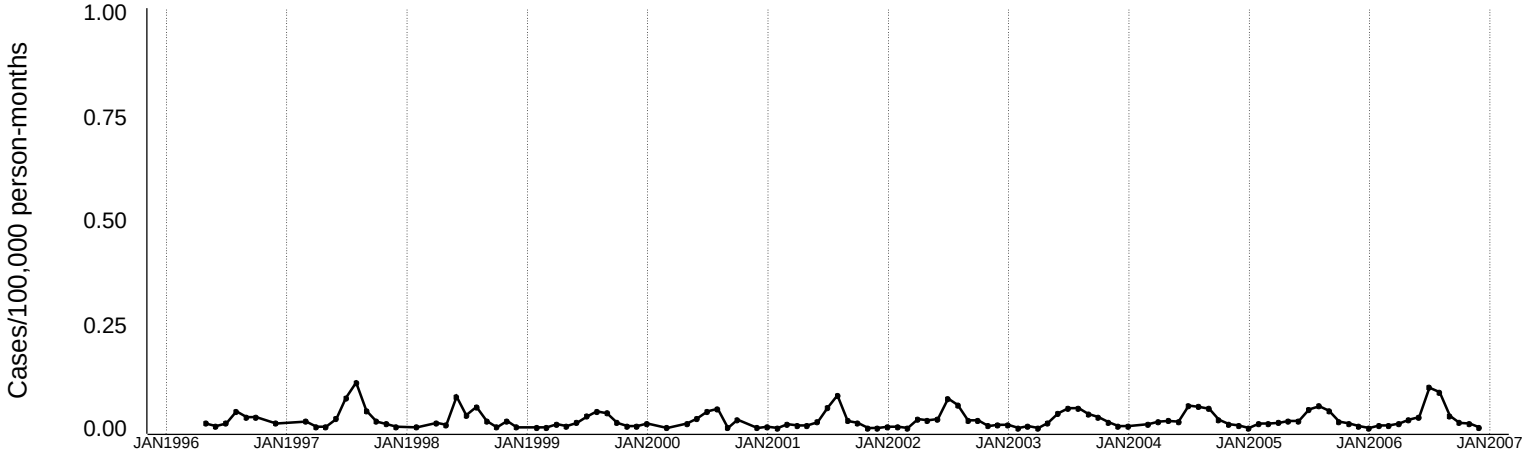
Calendar year through December: Rates for 2005 and 2006 by age group and sex



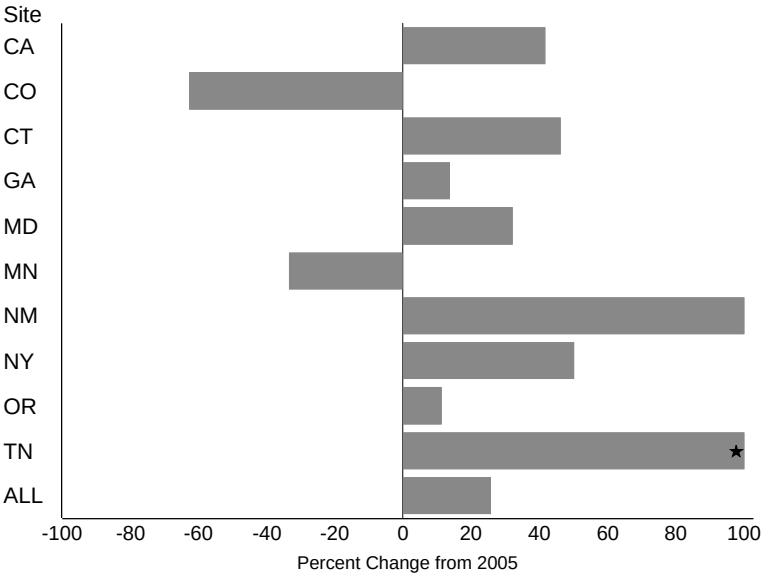
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Vibrio, all species

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

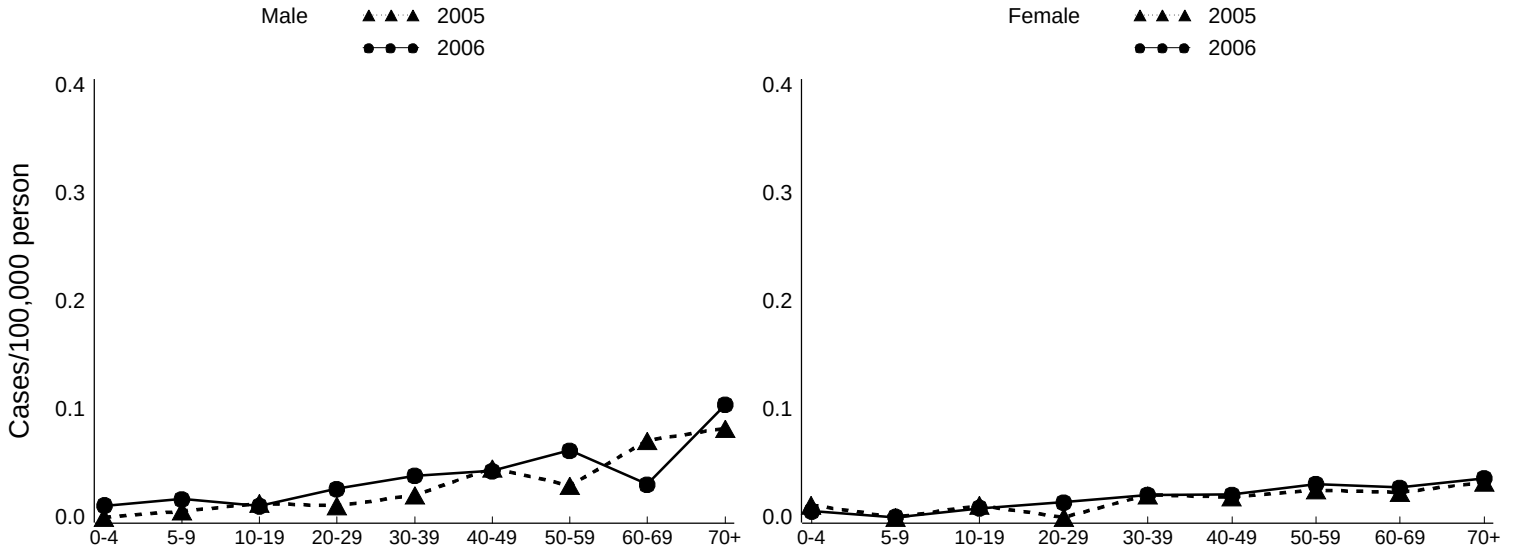


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	34	1.060	24	0.749	19	0.604
CO	3	0.116	8	0.309	6	0.226
CT	19	0.541	13	0.370	11	0.310
GA	25	0.276	22	0.242	25	0.286
MD	33	0.589	25	0.446	22	0.408
MN	4	0.078	6	0.117	4	0.083
NM	2	0.104	1	0.052	2	0.078
NY	12	0.279	8	0.186	4	0.120
OR	10	0.275	9	0.247	9	0.253
TN	10	0.168	5	0.084	7	0.144
ALL	152	0.338	121	0.269	108	0.262

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

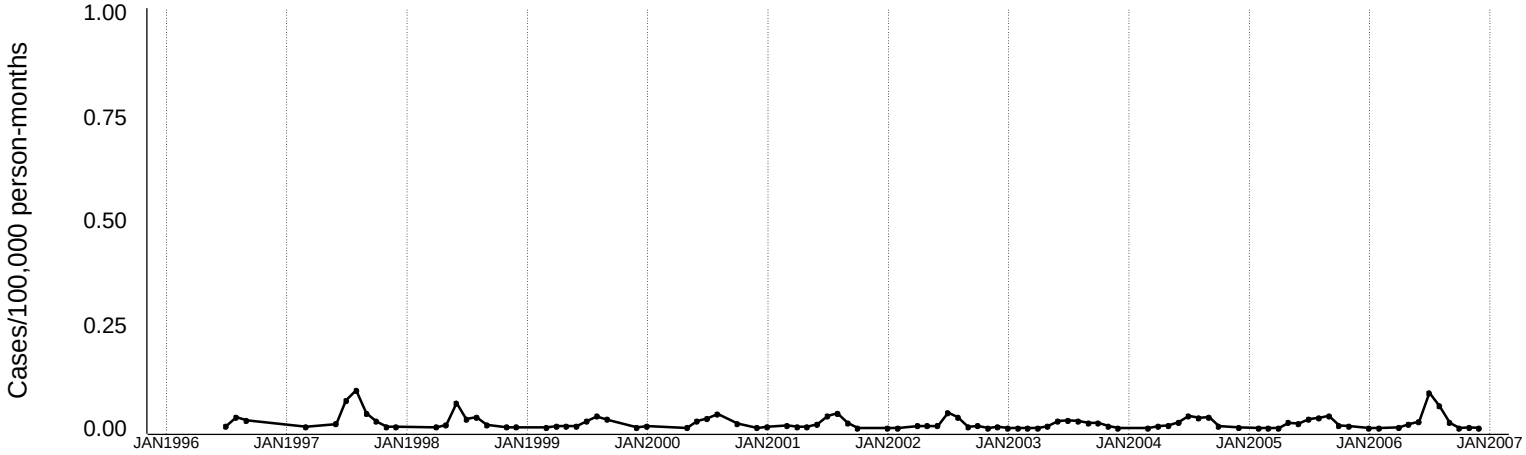
Calendar year through December: Rates for 2005 and 2006 by age group and sex



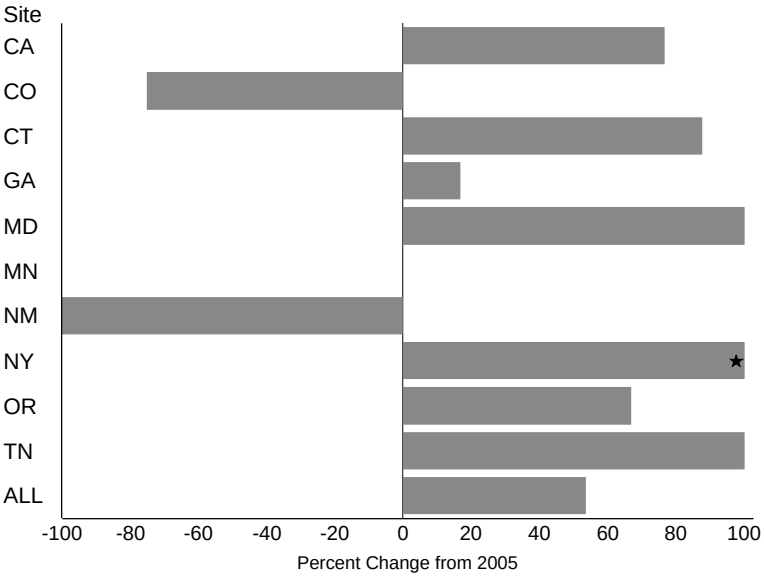
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Vibrio parahaemolyticus

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

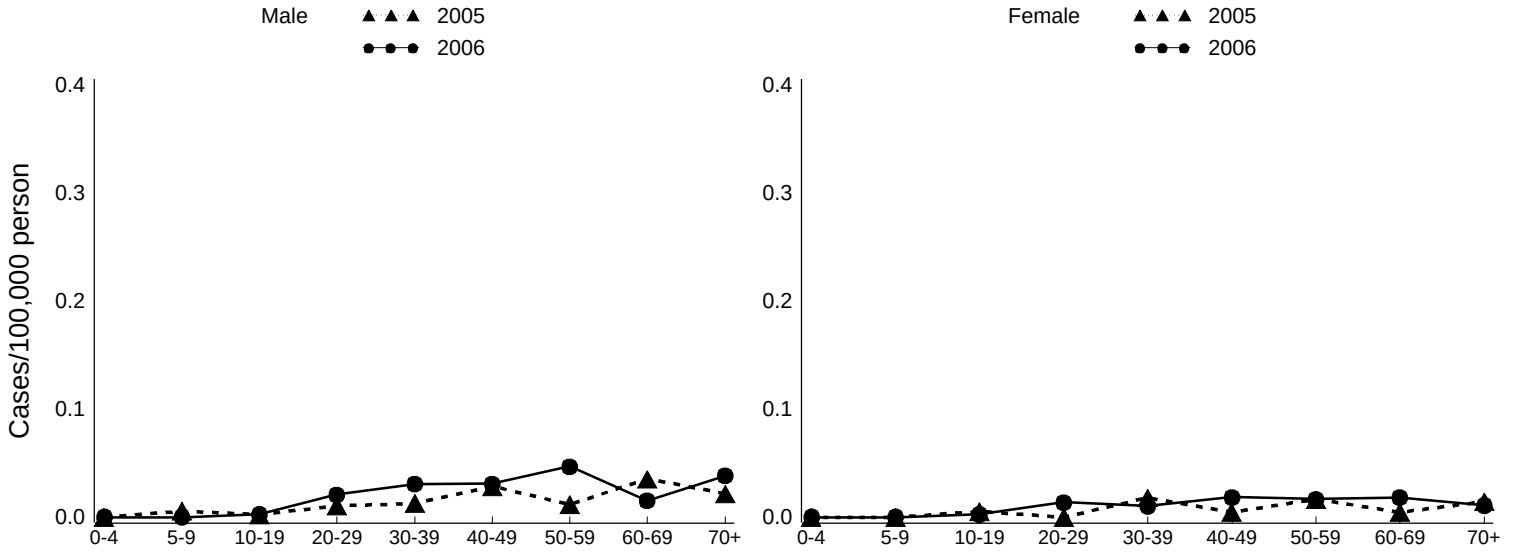


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	30	0.936	17	0.530	14	0.436
CO	2	0.077	8	0.309	4	0.162
CT	15	0.427	8	0.228	6	0.173
GA	7	0.077	6	0.066	6	0.064
MD	16	0.286	8	0.143	9	0.174
MN	2	0.039	2	0.039	2	0.036
NM	0	0.000	1	0.052	1	0.052
NY	8	0.186	3	0.070	2	0.041
OR	10	0.275	6	0.165	7	0.185
TN	2	0.034	1	0.017	2	0.038
ALL	92	0.205	60	0.133	52	0.124

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

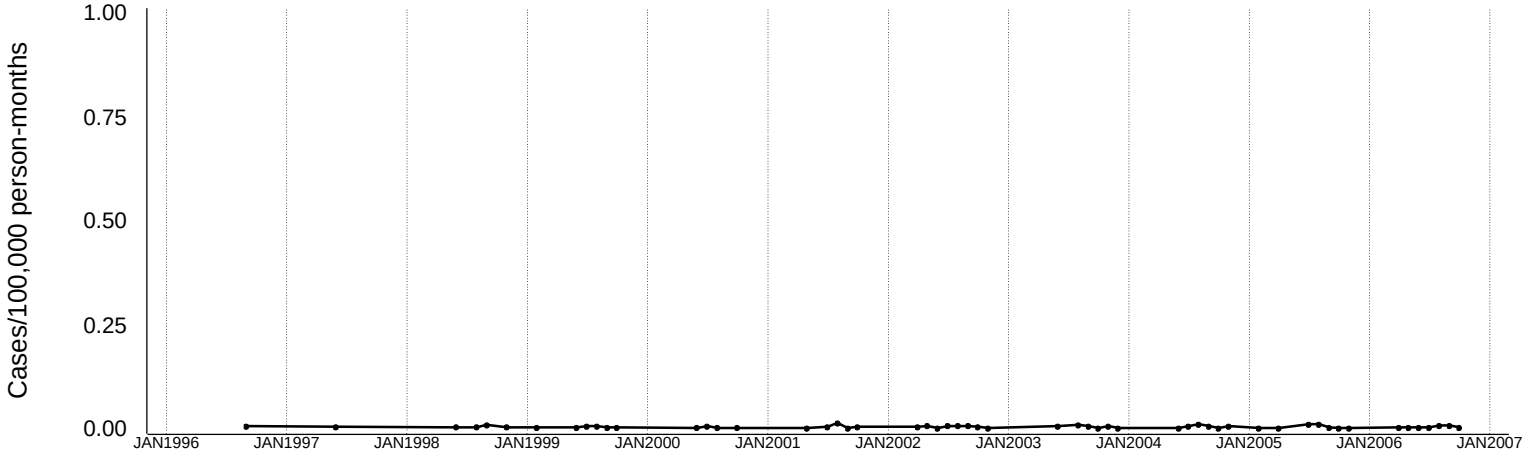
Calendar year through December: Rates for 2005 and 2006 by age group and sex



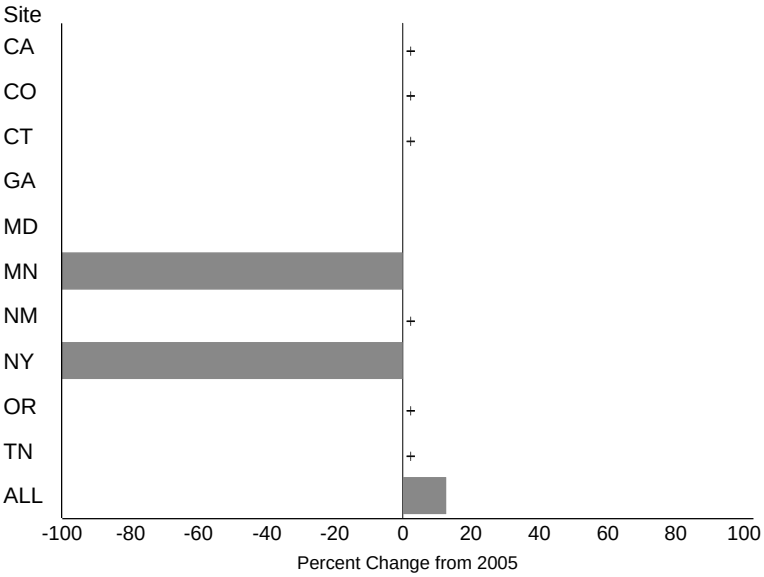
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Vibrio vulnificus

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

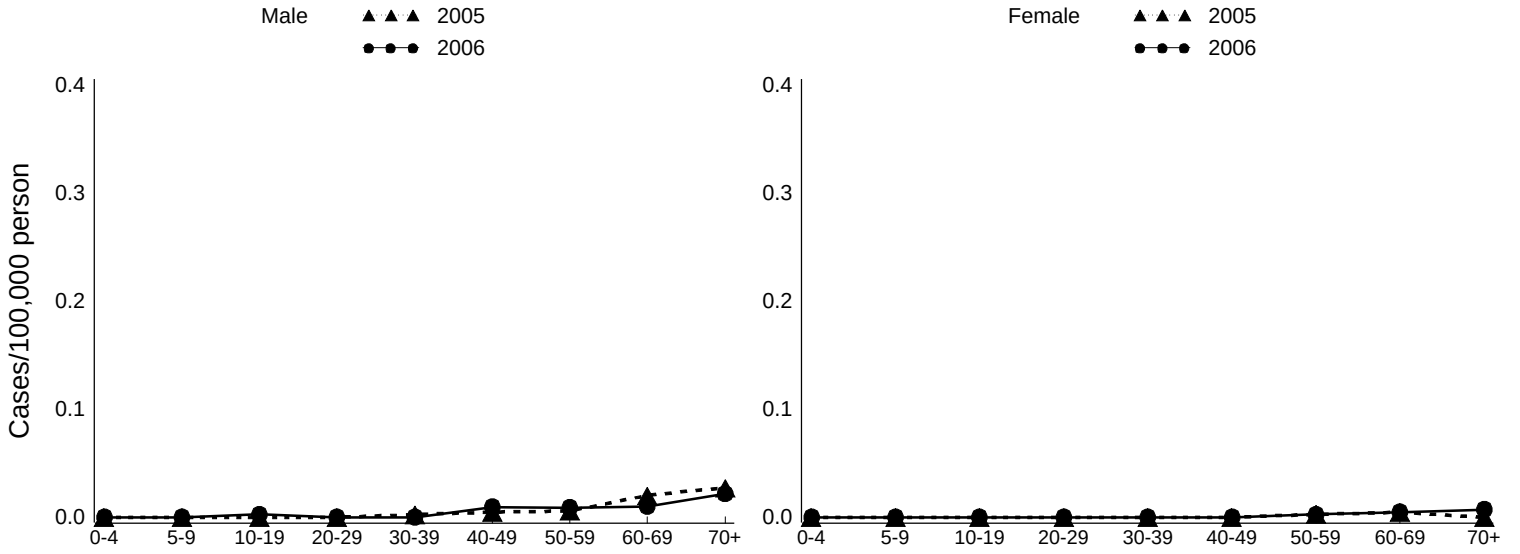


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	0	0.000	0	0.000	0	0.006
CO	0	0.000	0	0.000	1	0.024
CT	1	0.028	0	0.000	0	0.000
GA	5	0.055	5	0.055	6	0.071
MD	8	0.143	8	0.143	5	0.100
MN	0	0.000	1	0.019	0	0.004
NM	1	0.052	0	0.000	1	0.026
NY	0	0.000	2	0.046	1	0.014
OR	0	0.000	0	0.000	0	0.006
TN	3	0.050	0	0.000	2	0.045
ALL	18	0.040	16	0.036	16	0.037

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

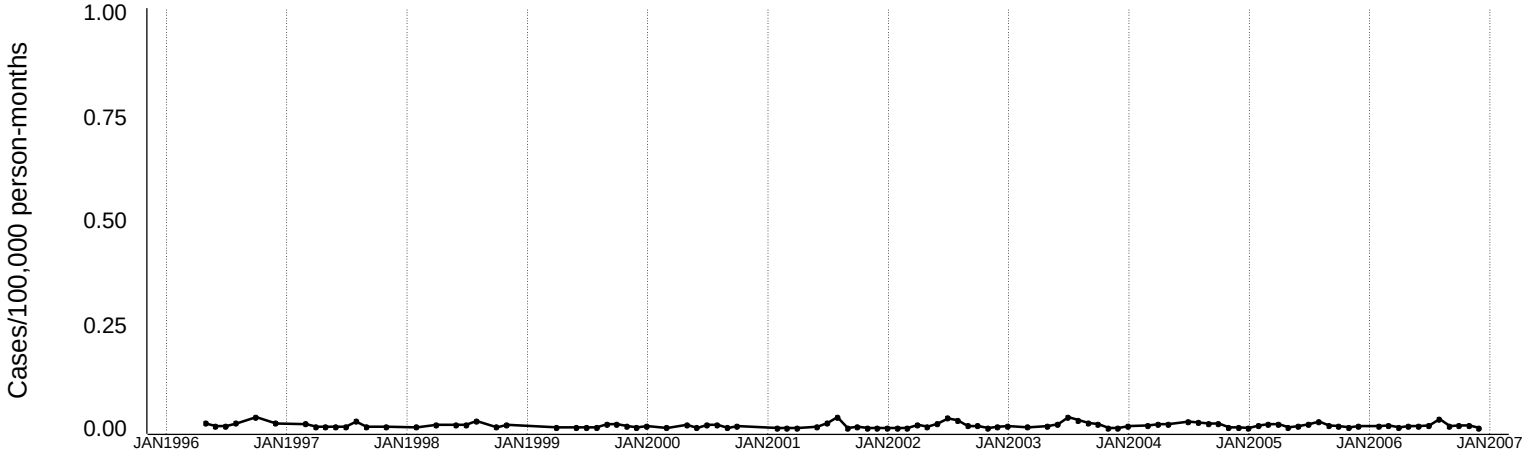
Calendar year through December: Rates for 2005 and 2006 by age group and sex



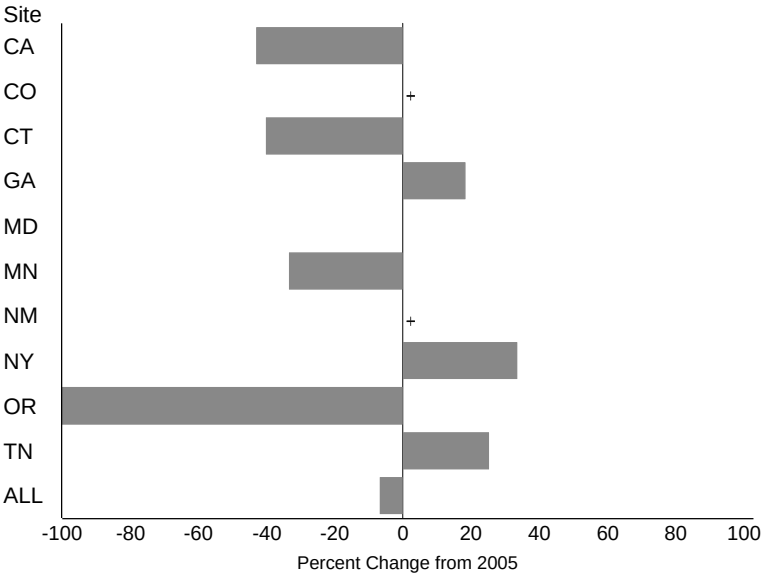
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Vibrio, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

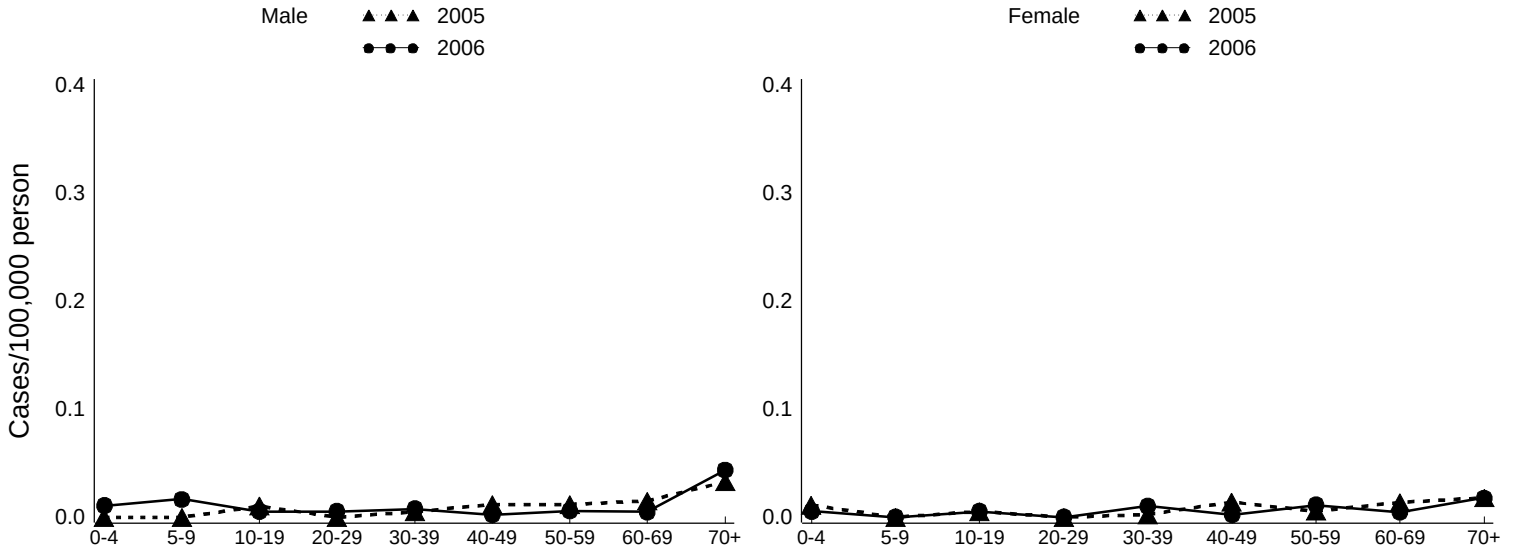


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	4	0.125	7	0.218	5	0.162
CO	1	0.039	0	0.000	1	0.041
CT	3	0.085	5	0.142	5	0.138
GA	13	0.143	11	0.121	13	0.151
MD	9	0.161	9	0.161	7	0.134
MN	2	0.039	3	0.058	2	0.043
NM	1	0.052	0	0.000	0	0.000
NY	4	0.093	3	0.070	2	0.065
OR	0	0.000	3	0.082	2	0.062
TN	5	0.084	4	0.067	3	0.061
ALL	42	0.093	45	0.100	41	0.100

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

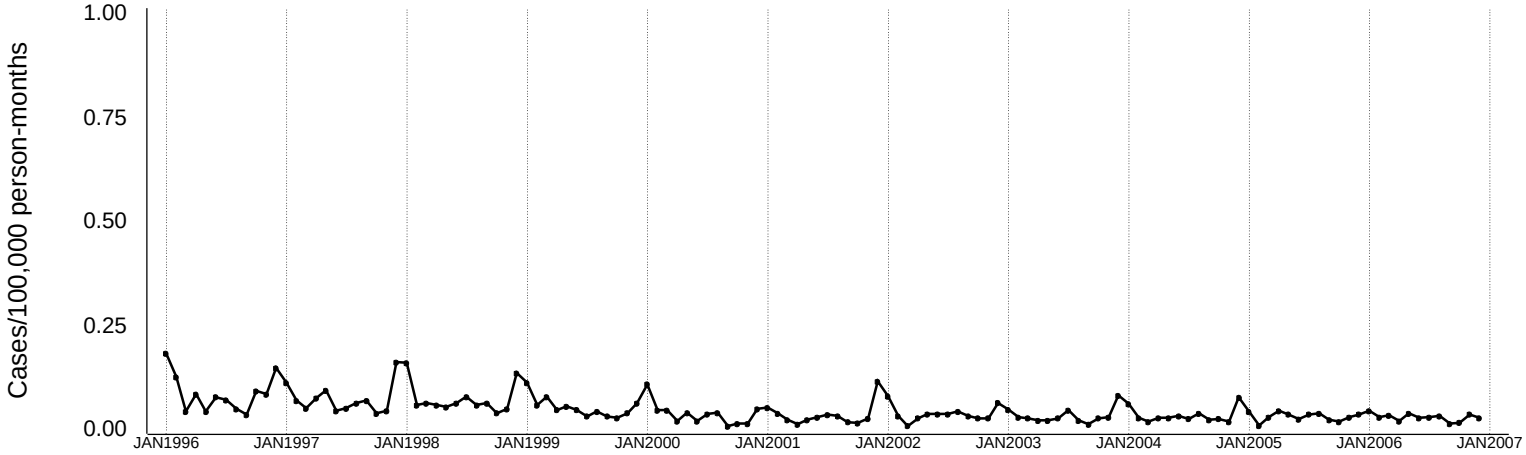
Calendar year through December: Rates for 2005 and 2006 by age group and sex



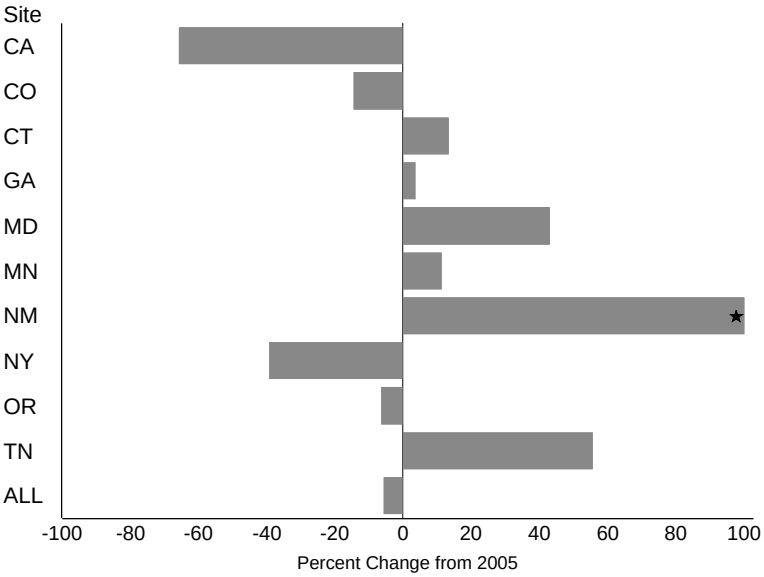
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Yersinia

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

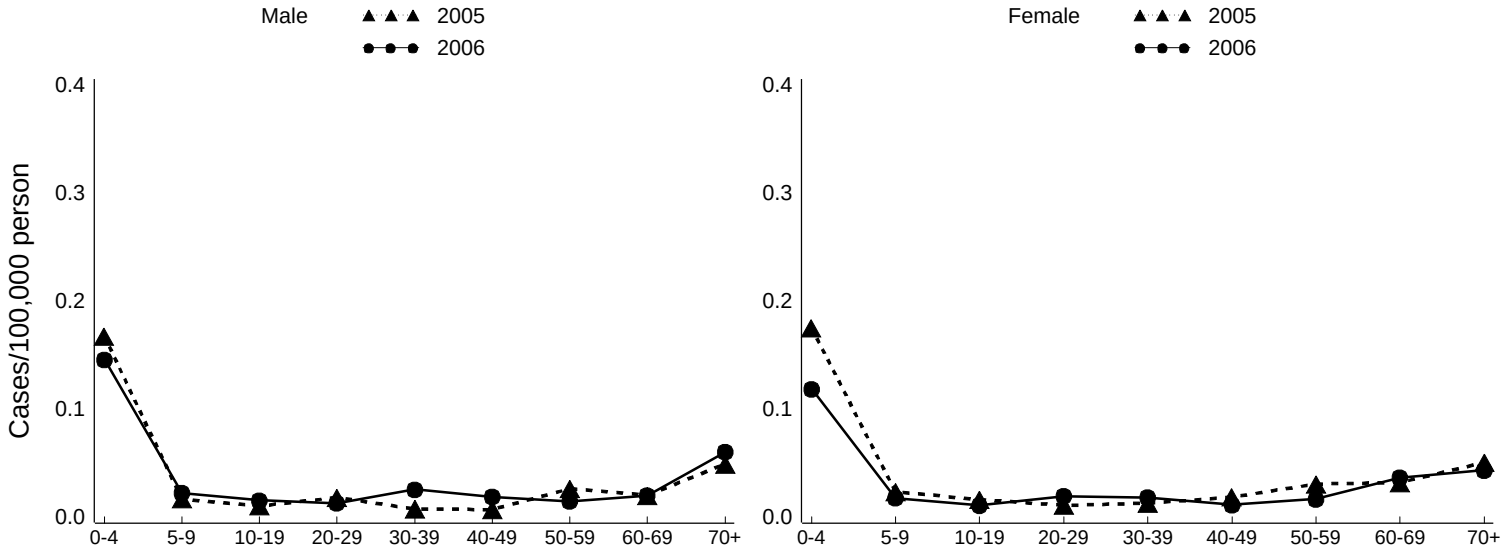


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	10	0.312	29	0.905	21	0.667
CO	6	0.232	7	0.271	6	0.264
CT	17	0.484	15	0.427	15	0.431
GA	29	0.320	28	0.309	43	0.496
MD	10	0.179	7	0.125	11	0.209
MN	20	0.390	18	0.351	18	0.356
NM	5	0.259	2	0.104	2	0.078
NY	14	0.325	23	0.534	15	0.412
OR	15	0.412	16	0.439	13	0.359
TN	28	0.470	18	0.302	20	0.423
ALL	154	0.343	163	0.363	164	0.401

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

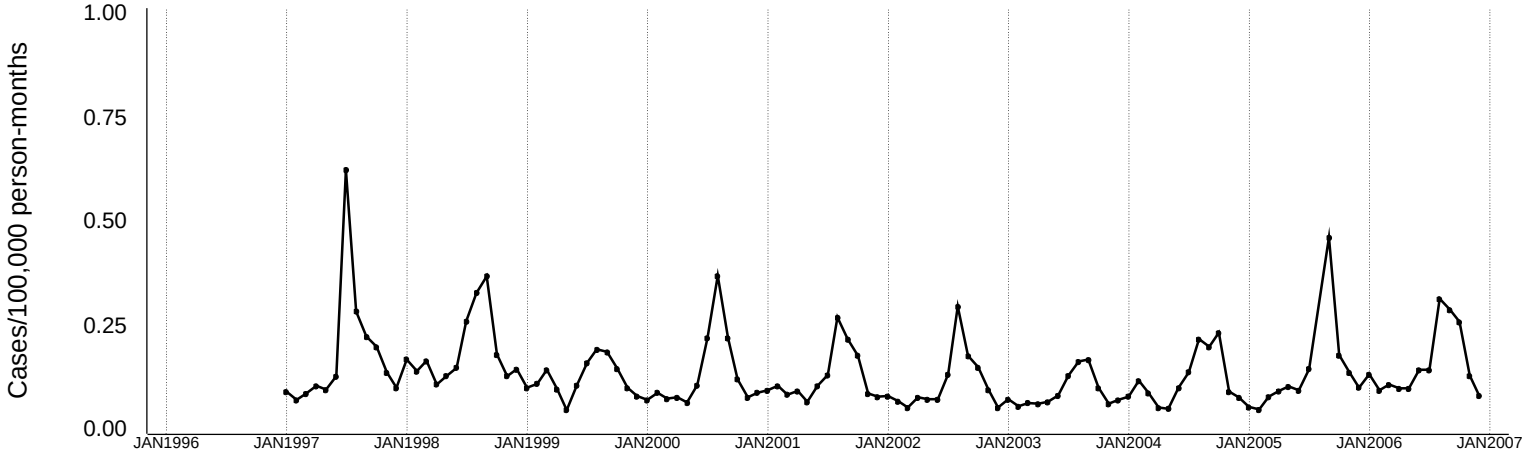
Calendar year through December: Rates for 2005 and 2006 by age group and sex



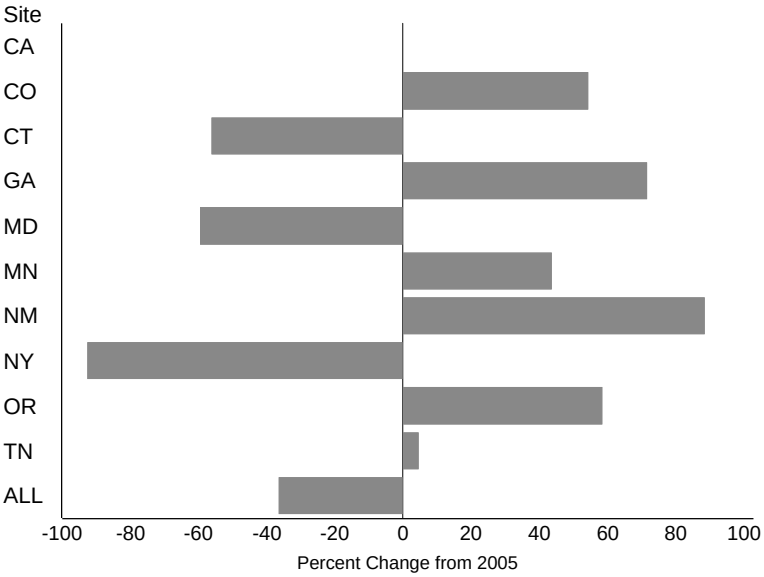
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Cryptosporidium

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

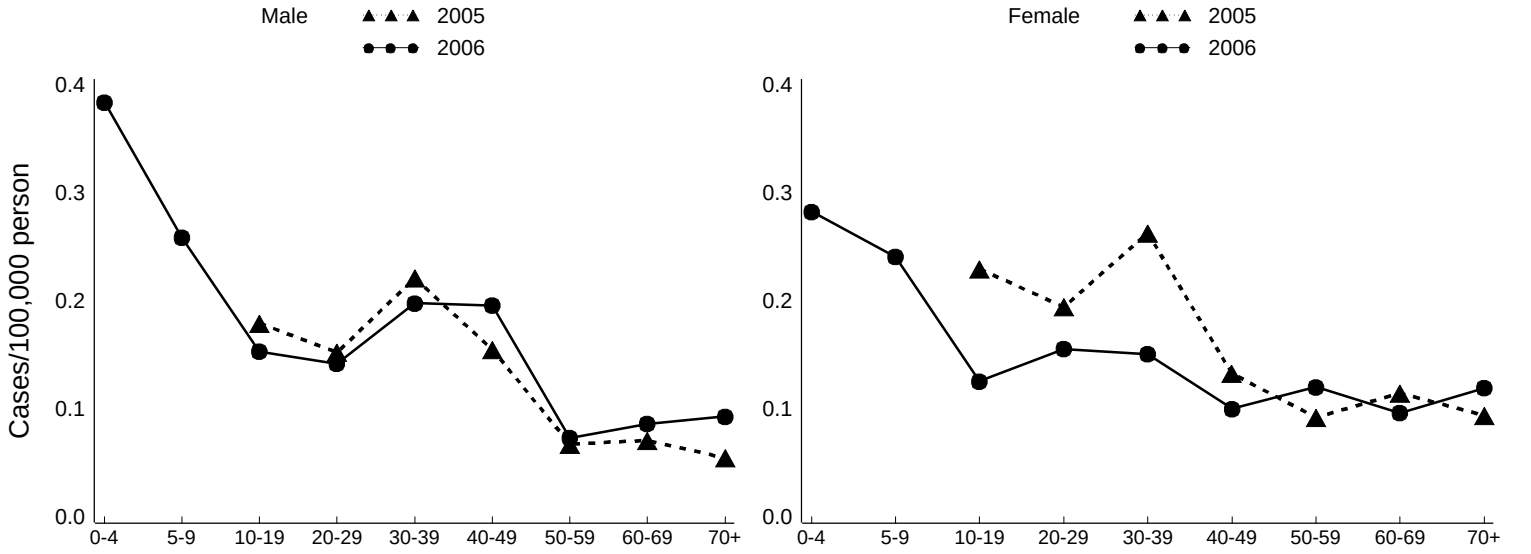


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	48	1.497	48	1.497	46	1.010
CO	37	1.430	24	0.928	19	0.759
CT	37	1.054	84	2.393	34	0.979
GA	264	2.910	154	1.697	144	1.650
MD	13	0.232	32	0.571	25	0.480
MN	238	4.637	166	3.234	174	3.451
NM	32	1.659	17	0.882	20	1.019
NY	53	1.230	708	16.43	182	4.379
OR	76	2.087	48	1.318	41	1.154
TN	47	0.788	45	0.755	36	0.761
ALL	845	1.880	1326	2.950	722	1.656

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

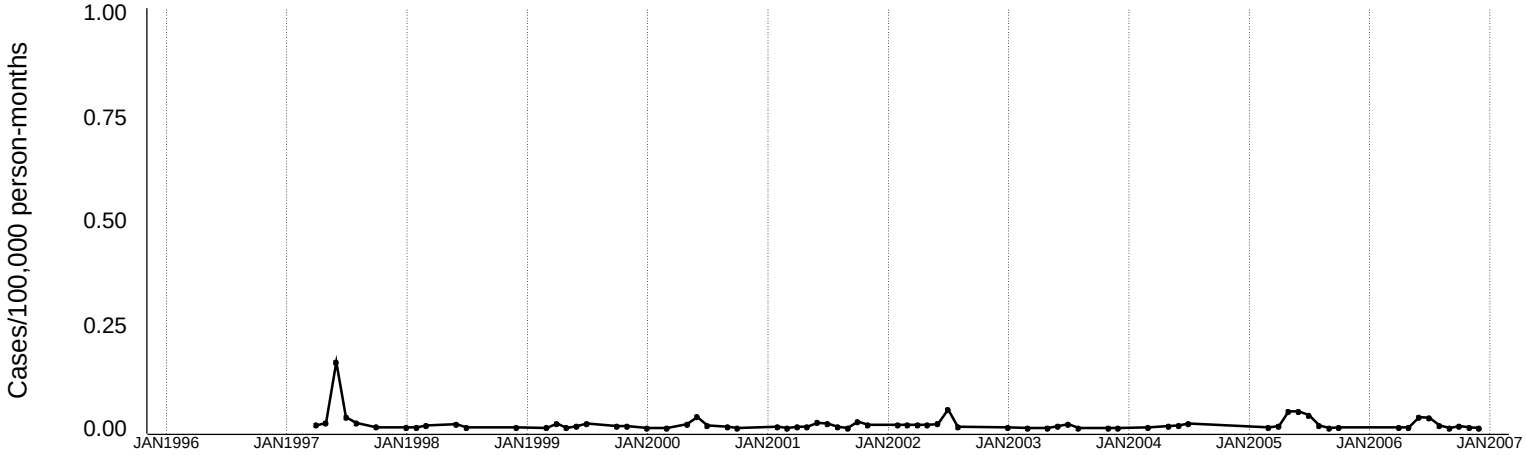
Calendar year through December: Rates for 2005 and 2006 by age group and sex



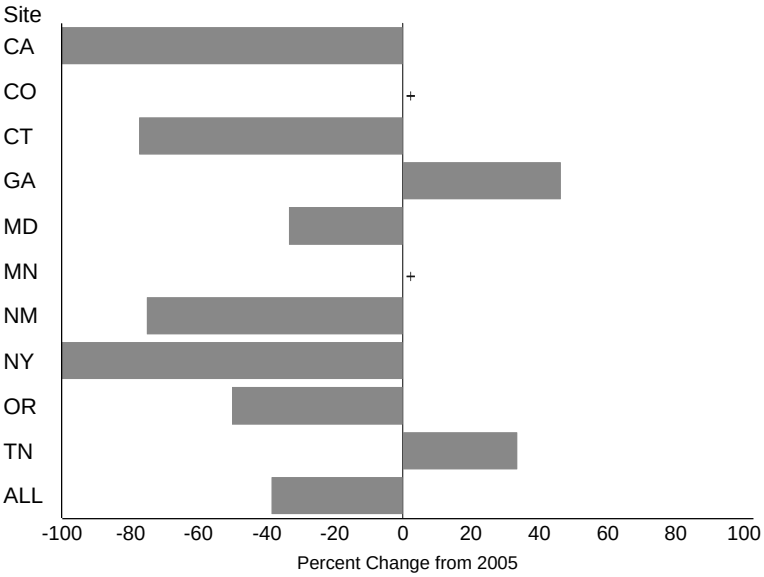
Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Cyclospora

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-December 2006



Calendar year through December: Percent change in rates between 2005 and 2006 bv site

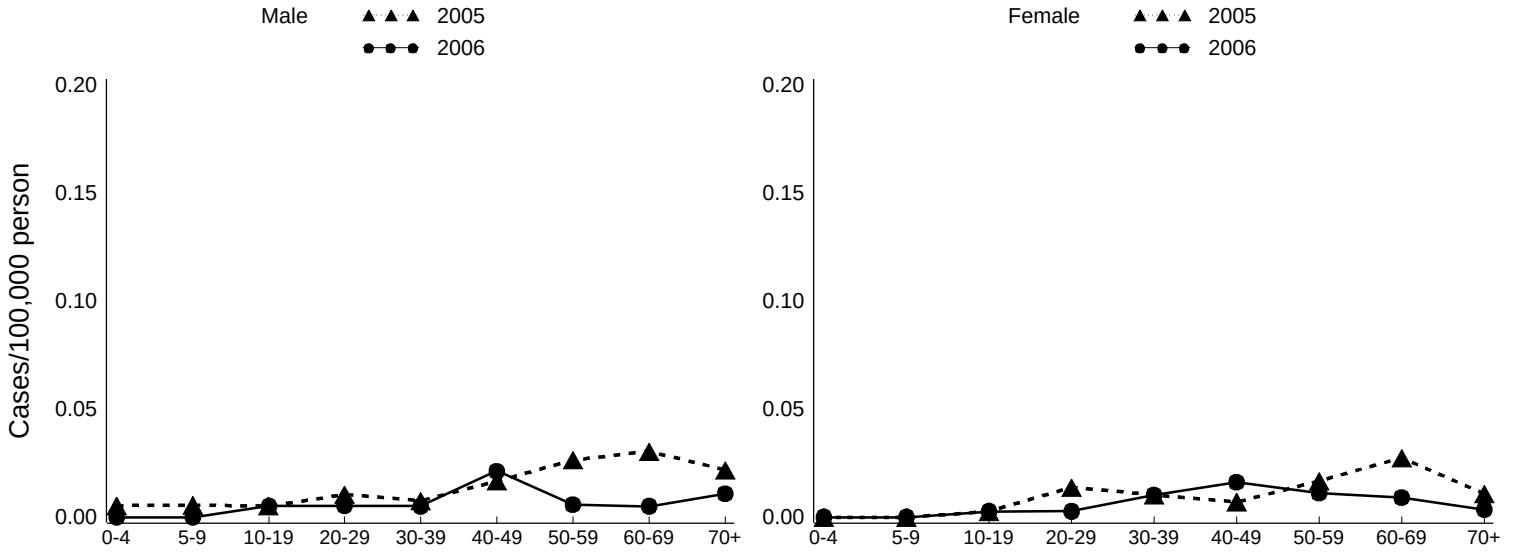


* Change exceeds 100%, +Percent increase cannot be calculated because 2005 rate is 0

	2006		2005		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	0	0.000	2	0.062	1	0.023
CO	0	0.000	0	0.000	1	0.024
CT	8	0.228	35	0.997	11	0.326
GA	19	0.209	13	0.143	15	0.169
MD	2	0.036	3	0.054	2	0.033
MN	4	0.078	0	0.000	0	0.000
NM	1	0.052	4	0.207	2	0.104
NY	0	0.000	1	0.023	2	0.056
OR	2	0.055	4	0.110	1	0.022
TN	4	0.067	3	0.050	1	0.017
ALL	40	0.089	65	0.145	35	0.080

*year 2001-2005 except for NM (2004-2005)
^cases/100,000 person

Calendar year through December: Rates for 2005 and 2006 by age group and sex



Data source: Preliminary FoodNet data, subject to change, not for public distribution. Report date: 01-February-2007

Table 1. Summary of Foodborne Outbreaks with ≥ 2 ill, by FoodNet Site, 2006

(Data accessed January 31st, 2007 (eFORS 2) PRELIMINARY DATA)

State	Outbreaks reported	2005 population	Rate/1,000,000 population	Median Number Ill	Known Etiology* No. (%)	Etiology (confirmed and suspected)	Known Vehicle** No. (%)	Restaurant-associated*** No. (%)
CA	11	3,206,118	3.43	11	5 (45)	Norovirus (3), *Salmonella* (1), Chemical(1)	4 (36)	7 (64)
CO	27	2,586,568	5.41	14	24 (89)	*Campylobacter* (3) ,Norovirus (18) *Salmonella* (1), Scrombroid (2)	11 (41)	14 (52)
CT	18	3,510,297	4.27	15	18 (100)	Norovirus (13), *C. perfringens* (1) *Salmonella* (3), STEC O157:H7 (1)	13 (72)	12 (67)
GA	22	9,072,576	1.98	18	19 (86)	Norovirus (8), *Staph. aureus* (3) *Bacillus* (1), *C. perfringens* (2) *Salmonella* (3) *Cyclospora* (1) C. botulinum (1)	12 (55)	14 (64)
MD	31	5,600,388	2.14	12	14 (45)	Other viral (1), *Salmonella* (3) Norovirus (9), STEC O157:H7 (1)	21 (68)	15 (48)
MN	82	5,132,799	2.53	13	75 (91)	*C. perfringens* (4), Norovirus (54) Scrombroid (4), Salmonella (6), STEC O157:H7 (3), *Cyclospora* (1) *Staph.* aureus(1), *Listeria* (1) *Shigella* (1)	46 (56)	63 (77)
NM	2	1,928,384	44.07	85	2 (100)	Norovirus (1), E. coli O157:H7 (1)	1 (50)	0 (-)
NY	21	4,307,911	2.55	11	15(71)	*Salmonella* (9), Norovirus(2), *Staph. aureus* (1), STEC O157:H7 (1), *C. perfringens* (1), *Staph. aureus* (1)	14 (67)	12 (57)
OR	22	3,641,056	3.84	14	21(95)	Norovirus (14), *Shigella sonnei* (1) *Salmonella* (2), *Listeria* (1) *V. parahaemolyticus*(1), STEC O157:H7 (1) *Campylobacter* (1)	10 (45)	13 (57)
TN	32	5,962,959	2.85	17	22 (69)	Norovirus (12), *Salmonella* (5) E. coli O157:H7 (2) *Staph.* aureus (1), Scrombroid (1), Bacillus cereus (1)	15 (47)	21 (66)
Total	**268**	**44,949,056**	**7.31**	**14**	**215 (80)**		**147 (55)**	**171 (64)**

*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, 2006

*** Data accessed January 31st 2007 (eFORS 2)**
*** Preliminary data**

State	Outbreaks reported	2005 population	Rate/1,000,000 population	Median Number Ill	Known Etiology* No. (%)	Known Vehicle** No. (%)	Restaurant-associated*** No. (%)
CA	4	3,206,118	6.86	22	2 (50)	1 (25)	1 (25)
CO	14	2,586,568	8.51	22	13 (93)	6 (43)	10 (71)
CT	9	3,510,297	7.12	25	8 (89)	7 (78)	6 (67)
GA	11	9,072,576	3.86	35	10 (91)	5 (45)	6 (55)
MD	11	5,600,388	4.29	24	7 (64)	8 (73)	3 (27)
MN	32	5,132,799	5.07	26	31 (97)	21 (66)	19 (59)
NM	1	1,928,384	85.05	164	1 (100)	0 (-)	0 (-)
NY	10	4,307,911	4.18	18	6 (60)	9 (90)	5 (50)
OR	13	3,641,056	5.49	20	13 (100)	6 (47)	8 (62)
TN	16	5,962,959	4.70	28	14 (88)	8(50)	7 (44)
2006 Total	**121**	**44,949,056**	**13.51**	**26**	**105 (87)**	**71 (59)**	**65 (54)**

*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 1. Summary of Foodborne Outbreaks with ≥ 2 ill, by FoodNet Site, 2007

(Data accessed January 31st , 2007 (eFORS 2) PRELIMINARY DATA)

State	Outbreaks reported	2005 population	Rate/1,000,000 population	Median Number Ill	Known Etiology* No. (%)	Etiology (confirmed and suspected)	Known Vehicle** No. (%)	Restaurant-associated*** No. (%)
CA	0	3,206,118	-	-	- (-)		- (-)	-(-)
CO	0	2,586,568	-	-	- (-)		- (-)	- (-)
CT	2	3,510,297	3.21	18	2 100)	Norovirus (2)	2 (100)	2(100)
GA	0	9,072,576	-	-	- (-)		- (-)	- (-)
MD	0	5,600,388	-	-	- (-)		- (-)	- (-)
MN	3	5,132,799	3.31	17	0 (-)		- (-)	1 (33)
NM	0	1,928,384	-	-	- (-)		- (-)	-(-)
NY	0	4,307,911	-	-	- (-)		- (-)	- (-)
OR	1	3,641,056	27.46	100	1 (100)	Clostridium perfringens (1)	- (-)	-(-)
TN	2	5,962,959	0.50	3	1 (50)	Norovirus (1)	- (-)	2 (100)
Total	**8**	**44,949,056**	**20.48**	**35**	**4 (50)**		**2 (25)**	**5 (63)**

*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

HUS Surveillance, 2006 Table A

as of 1/24/07

Site	All cases (N=125)												In catchment (N=95)											
	<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	
	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	0	--	15	1 (7)	5	0 (0)	1	0 (0)	2	1 (100)	0	--	0	0.0	5	2.9	2	1.0	0	0.0	2	0.10	0	0.00
CO	4	1(25)	10	0 (0)	1	0 (0)	1	0 (0)	0	--	0	--	0	0.0	5	3.1	0	0.0	0	0.0	0	0.00	0	0.00
CT	0	--	3	0 (0)	1	0 (0)	1	0 (0)	0	--	0	--	0	0.0	3	1.8	1	0.4	1	0.4	0	0.00	0	0.00
GA	1	0 (0)	6	0 (0)	1	0(0)	0	--	2	0 (0)	0	--	1	0.7	6	1.1	1	0.2	0	0.0	2	0.03	0	0.00
MD	0	--	2	0 (0)	0	--	0	--	0	--	0	--	0	0.0	2	0.7	0	0.0	0	0.0	0	0.00	0	0.00
MN	0	--	9	0(0)	3	0 (0)	1	--	3	0 (0)	3	1 (33)	0	0.0	9	3.4	3	0.9	1	0.3	3	0.09	3	0.36
NM	0	--	4	0 (0)	0	--	1	--	0	--	0	--	0	0.0	3	2.8	0	0.0	1	0.7	0	0.00	0	0.00
NY	0	--	0	--	1	0 (0)	1	0 (0)	2	1 (50)	1	--	0	0.0	0	0.0	1	0.4	1	0.3	2	0.07	0	0.00
OR	0	--	5	0 (0)	0	--	2	0 (0)	3	0 (0)	0	0 (0)	0	0.0	5	2.8	0	0.0	2	0.8	3	0.13	0	0.00
TN	2	0(0)	19	0(0)	4	0(0)	3	0 (0)	2	0 (0)	0	--	1	1.3	19	6.2	3	0.8	3	0.8	1	0.03	0	0.00
Total	**7**	**1(14)**	**73**	**1 (1)**	**16**	**0 (0)**	**11**	**0 (0)**	**14**	**2 (14)**	**4**	**1 (25)**	**2**	0.30	**57**	2.37	**11**	0.38	**9**	0.26	**13**	0.05	**3**	0.04

*per 100,000 persons

Results of microbiologic testing for STEC infection among HUS cases, 2006

as of 1/24/07

	Site																							
	CA		CO		CT		GA		MD		MN		NM		NY		OR		TN		**TOTAL**	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	**#**	**%**
Diarrhea in 3 weeks before HUS diag./	21	(91)	9	(56)	5	(100)	10	(100)	2	(100)	18	(95)	4	(80)	4	(80)	10	(100)	30	(100)	**113**	(90)
Total patients	23		16		5		10		2		19		5		5		10		30		**125**	
Stool specimen obtained/	21	(100)	1	(11)	5	(100)	10	(100)	1	(50)	18	(100)	4	(100)	4	(100)	10	(100)	27	(90)	**101**	(89)
Patients with diarrhea	21		9		5		10		2		18		4		4		10		30		**113**	
E. coli O157 Isolation																						
Stool cultured for E. coli O157/	21	(100)	1	(100)	4	(80)	10	(100)	1	(100)	18	(100)	4	(100)	4	(100)	10	(100)	26	(96)	**99**	(98)
Patients with stool specimens obtained	21		1		5		10		1		18		4		4		10		27		**101**	
E. coli O157 isolated from stool/	16	(76)	0	(0)	3	(75)	6	(60)	0	(0)	15	(83)	3	(75)	3	(75)	7	(70)	17	(65)	**70**	(71)
Patients with stool cultured for O157	21		1		4		10		1		18		4		4		10		26		**99**	
Shiga toxin + Questions																						
Stool tested for Shiga toxin/	17	(81)	0	(0)	3	(60)	9	(90)	0	(0)	14	(78)	4	(100)	0	(0)	3	(30)	9	(33)	**59**	(58)
Patients with stool specimen obtained	21		1		5		10		1		18		4		4		10		27		**101**	
Stool Shiga toxin-positive/	15	(88)	0	--	1	(33)	5	(56)	0	--	12	(86)	3	(75)	0	--	1	(33)	9	(100)	**46**	(78)
Patients with stool tested for Shiga toxin	17		0		3		9		0		14		4		0		3		9		**59**	
Non-O157 Isolation																						
Stool tested for non-O157 STEC/	0	(0)	0	--	1	(33)	4	(44)	0	--	3	(21)	1	(25)	0	--	0	(0)	0	(0)	**9**	(15)
Patients with stool tested for Shiga toxin	17		0		3		9		0		14		4		0		3		9		**59**	
Non-O157* STEC isolated from stool/	0	--	0	--	0	(0)	0	(0)	0	--	0	(0)	0	(0)	0	--	0	--	0	--	**0**	(0)
Stool tested for non-O157 STEC	0		0		1		4		0		3		1		0		0		0		**9**	
Serum																						
Serum Tested/	3	(100)	0	--	0	(0)	1	(50)	0	--	4	(80)	0	(0)	0	(0)	6	(86)	12	(100)	**26**	(79)
Serum Collected	3		0		2		2		0		5		1		1		7		12		**33**	
O157/Tested	1	(33)	0	--	0	--	0	--	0	--	0	(0)	0	--	0	--	3	(50)	9	(75)	**13**	(50)
	3		0		0		1		0		4		0		0		6		12		**26**	
Non-O157**/Tested	0	(0)	0	--	0	--	0	--	0	--	0	(0)	0	--	0	--	0	(0)	0	(0)	**0**	(0)
	3		0		0		1		0		4		0		0		6		12		**26**	
Total Stool																						
O157, non-O157 STEC, Shiga toxin +/	16	(76)	0	(0)	3	(60)	6	(60)	0	(0)	15	(83)	3	(75)	3	(75)	7	(70)	17	(63)	**70**	(69)
Total stool specimens tested	21		1		5		10		1		18		4		4		10		27		**101**	

Non-O157 identified:

*Culture:

**Serum