FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	DoC	Comment
8						
	245	Flint, James	Van Duynhoven, Yvonne, Braun, Peggy, DeLong, Stephanie M., Kirk, Martyn, Hall, Gillian, Scallan, Elaine, Fitzgerald, Margaret, Baker, Michael, Adak, Goutam, Sockett, Paul, Angulo, Fredrick J.	Estimating the burden of foodborne illnesses: an international review	11/5/2004	
7						
	128	Green, Laura	Selman, Carol, Angulo, Fredrick J., Radke, Vince, Buchanan, Sharunda D., EHS-Net Working Group	Food Service Workers' Self-Reported Food Preparation Practices: an EHS-Net Study	6/8/2004	
	123	Green, Laura	Selman, Carol, Jones, Timothy F., Scallan, Elaine, Marcus, Ruthanne, The EHS-Net Population Survey Working Group	Beliefs About Sources of Gastrointestinal Illness	8/4/2004	
	27	Jones, Timothy F.	Scallan, Elaine, McMillian, Marcy, Frenzen, Paul D., Ishill, Nicole, Cronquist, Alicia B., Thomas, Stephanie M., Angulo, Fredrick J.	Diarrheal Illness in FoodNet: Cycles 1-4 of the Population Survey		
	65	Jones, Timothy F.	McMillian, Marcella B., Scallan, Elaine, Thomas, Stephanie M., Cronquist, Alicia B., Frenzen, Paul D., Angulo, Fredrick J.	A Population-Based Estimate of the Substantial Burden of Diarrheal Disease in the United States; FoodNet, 1996-2003	7/2/2004	
	366	Klontz, Karl C.	Ailes, Elizabeth, Angulo, Fredrick J.	Recalls of Spices due to Bacterial Contamination Monitored by the U.S. Food and Drug Administration. The Predominance of Salmonellae		
	122	Koehler, Kathleen M.	Lasky, Tamar, Fein, Sara B., DeLong, Stephanie M., Hawkins, Marguerite A., Rabatsky-Her, Therese R., Ray, Susan M., Shiferaw, Beletshachew, Swanson, Stephen J., Vugia, Duc J., EIP FoodNet Working Group	Population-Based Incidence of Infection with Selected Enteric Bacterial Pathogens for Children < 5 Years of Age, FoodNet, 1996-1998	7/2/2004	
	112	Varma, Jay K.	Stenzel, Sara A., Hanna, Samir S., Gettner, Sharmeen, Anderson, Bridget J., Hayes, Tameka, Shiferaw, Beletshachew, Crume, Tessa L., Joyce, Kevin W., Angulo, Fredrick J.	Risk Factors for Infection with Multi-drug Resistant Salmonella Serotype Newport – United States, 2002-2003	6/8/2004	
6						

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FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	DoC	Comment
	120	Devasia, Rose	Varma, Jay K., Whichard, Jean M., Gettner, Sharmeen, Cronquist, Alicia B., Hurd, Sharon, Segler, Suzanne D., Smith, Kirk E., Hoefer, Dina, Shiferaw, Beletshachew, Angulo, Fredrick J., Jones, Timothy F., EIP FoodNet Working Group	Health Consequences of Infection with Multidrug Resistant and Pan-Susceptible Salmonella Newport Reported to FoodNet--United States, 2002-2003	9/3/2004	
	108	Frenzen, Paul D.	Drake, Allison	The Economic Cost of E. coli O157:H7 infections	7/14/2004	
	117	Patrick, Mary	Griffin, Patricia M., Mead, Paul S.	The Effectiveness of Recall Notification: Community Response to a Nationwide Recall of Hot Dogs and Deli Meats	6/8/2004	
5						
	118	Kennedy, Malinda	Rabatsky-Her, Therese R., Lance-Parker, Susan, Thomas, Stephanie M., Smith, Kirk E., Mohle-Boetani, Janet C., Keene, William E., Mead, Paul S.	Changes in Bovine Risk Factors for E. coli O157: a Case-Control Study in FoodNet Sites: 1999-2000	9/3/2004	
	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	9/1/2004	
	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., DeWitt, Wallis, Van Gilder, Thomas J., EIP FoodNet Working Group	Listeria Monocytogenes Infection From Food in the Regulatory Era: A Case-Control Study of Risk Factors for Sporadic Illness in the United States	9/3/2004	
4						

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FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	DoC	Comment
	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	9/3/2004	
	367	Gupta, Amita	Tauxe, Robert V., Angulo, Fredrick J.	Authors' Response to Peter Collignon's Letter in Emerging Infectious Diseases		
	22	Kretsinger, Katrina	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		
	106	Marcus, Ruthanne	Moore, Matthew R., Varma, Jay K., Medus, Carlota, Marcus, Ruthanne, Crume, Tessa, Zansky, Shelley M., Boothe, Effie, Boxrud, David, Tauxe, Robert V.	Risk factors for sporadic infection caused by Salmonella Enteritidis in the United States, 2002-2003	7/2/2004	
	119	Watt, James P.	Bales, Michael, Dannenberg, Andrew L., Imhoff, Beth, Mullins, Scott R., Dowell, Scott F.	Impact of a Health-Related Internet Hoax on a Public Health Agency and the Public: Implications for Health Communication	2/27/2004	
3						
	323	DeBess, Emilio E.		Food Handler Survey: Knowledge and Attitudes of Foodborne Illnesses in Two Oregon Counties		
	104	Scallan, Elaine	Jones, Timothy F., McMillian, Marcy, Frenzen, Paul D., Cronquist, Alicia B., Thomas, Stephanie M., Angulo, Fredrick J.	Health Care Utilization Among Persons Who Have Recently Experienced Gastrointestinal Illness	2/9/2005	
2						
	103	Ailes, Elizabeth	Nelson, Jennifer M.	Foodborne Diseases Active Surveillance Network Surveillance Summary, 1996-2003	2/9/2005	
	116	Cheung, Michelle	Ray, Susan M., Shiferaw, Beletshachew,	Foodborne Pathogens Causing Illness in the First 7 Days of Life: FoodNet, 1996-2001	8/4/2004	

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FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	DoC	Comment
	109	Drake, Allison	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	9/3/2004	
	105	Fullerton, Kathleen E.	, Vugia, Duc J., Hurd, Sharon, Haubert, Nicole, Anderson, Bridget J., Shiferaw, Beletshachew, Ingram, Amanda, Hayes, Tameka, Segler, Suzanne D., Wedel, Stephanie, Henao, Olga L., Scallan, Elaine, Jones, Timothy F., Angulo, Fredrick J., EIP FoodNet Working Group	Risk Factors for Infant Campylobacter Infections: A FoodNet Case-Control Study	2/9/2005	
	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		
	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.		
	24	Ingram, Amanda	Jones, Timothy F., Blythe, David, Hoefer, Dina, Vugia, Duc J., Nelson, Jennifer M., EIP FoodNet Working Group	Salmonella outcomes differ by serotype, FoodNet, 1996-2003		
	26	Majowicz, Shannon E.	Scallan, Elaine, Hall, Gillian, Banerjee, Anyana, Kirk, Martyn D., Angulo, Fredrick J.	Respiratory Symptoms Among Persons with Gastrointestinal Illness	2/9/2005	
	114	Malone, Shauna	Marcus, Ruthanne, Hadler, James L., Zansky, Shelley M., Hoefer, Dina	Knowledge, Attitude, and Practice of the Use of Irradiation Among Respondents to the FoodNet Population Survey in Connecticut and New York		
	325	Shiferaw, Beletshache		Comparison of Three Surveillance Systems for Hemolytic Uremic Syndrome in Oregon		
	25	Snider, Cynthia J.	Vugia, Duc J., Burnite, Steve, Hurd, Sharon, Hayes, Tameka, Scheftel, Joni M., Smith, Glenda, Shiferaw, Beletshachew, Boothe, Effie, Griffin, Patricia M., EIP FoodNet Working Group	Post-Diarrheal Hemolytic (D+HUS) in Adults, FoodNet, 1997-2002	2/9/2004	

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FoodNet Active Manuscripts

Status	#	Lead	Coauthors	Title	DoC	Comment
	115	Vugia, Duc J.	FoodNet Education Working Group	Foodborne Diseases in the United States: Lessons Learned from FoodNet, 1996-2002	6/8/2004	
1						
	111	Bowen, Anna	Braden, Christopher R., McDonald, Clifford	Invasive E. Sakazakii Infections Among Infants	8/9/2004	
	326	Boxrud, David		Salmonella Enteritidis Case-Control Study PFGE Comparison		
	364	Daly, Leslie	Scallan, Elaine, Majowicz, Shannon E., Hall, Gillian, Angulo, Fredrick J.	Estimating the Duration of Illnes from Population Surveys of Acute Gastroenteritis		
	110	Frenzen, Paul D.		Consumer Interest in Irradiated Foods	8/9/2004	
	321	Hedberg, Craig W.		Look at EFORS Data from FoodNet Sites to Determine the Value of the Contributing Factors		
	88	Nelson, Jennifer M.	Hurd, Sharon	Multiple Pathogens Isolated Over a Short Period, FoodNet 1996-2002		
	101	Scallan, Elaine	The FoodNet Burden Working Group	Bacterial Foodborne Illness in the United States	2/15/2005	
	107	Voetsch, Andrew C.		Analysis of Trends in Listeriosis in the FoodNet Sites, 1996-2003	7/14/2004	
0						
	23			H20 manuscript		
	102	Dunn, John R.		Substantial Decline in the Incidence of Escherichia coli O157:H7 Infections in FoodNet, 2003		
	322	Hoekstra, Robert M.		Protective Exposures in Matched Case-Control Studies of Foodborne Illness		
	28	Scallan, Elaine	Jones, Timothy F., McMillian, Marcy, Frenzen, Paul D., Ishill, Nicole, Cronquist, Alicia B., Thomas, Stephanie M., Angulo, Fredrick J.	Respiratory Symptoms Among Persons with Diarrhea in FoodNet Sites	2/9/2005	Manuscript on hold.
	100	Scallan, Elaine	Frenzen, Paul	The Economic Cost of Diarrheal Illness in the United States		

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Meeting to discuss revising estimates of the burden of foodborne illness in the United States *(revising Mead's 1999 EID paper)*

June 22, 2005 at 11AM, Room 5106, 5th floor Decatur offices

In attendance: DBMD-Elaine Scallan, Fred Angulo, Rob Tauxe, Chris Braden, Drew Voetsch, Mike Hoekstra, Olga Henao, Nadine Oosmanally; PD-Michael Beach, Sharon Roy, Jeff Jones; DVHP-Tony Fiore; VR-Marc-Alain Widdowson

Minutes

1. Background

- Mead's paper "Food-related Illness and Death in the United States" was published in *Emerging Infectious Disease* in 1999; it was greeted with a lot of interest from all sectors and has been cited in over 1,000 peer reviewed publications (Source: Web of Science).

- The methods employed by Mead *et al.* have been used to estimate the burden of foodborne disease in the United Kingdom[1] and Australia[2]. These publications have included enhancements to the 'Mead' method.

- It is now 6 years since the publication of Mead's paper and FDDB are in the process of revising estimates of the burden of bacterial foodborne pathogens. This meeting was held to discuss the possibility of concurrently revising estimates of the burden of viral and parasitic foodborne pathogens, and to define the scope of that project.

2. Potential enhancements to the method used by Mead *et al.*

- The use of simulation techniques (e.g. Monte Carlo simulation) will allow us to account for uncertainty; rather than using a single point estimate, a simulated distribution of plausible values will be used to model uncertainty where it exists.

- Credibility intervals may be provided for estimates of the burden of disease (to be discussed further).

- To adjust for underreporting, Mead *et al.* used a factor of 38 or 20 for most pathogens. These underreporting factors were derived, in part, from estimates from the first cycle of the FoodNet population survey (9,003 completed interviews) of the

[1] Adak GK, Long SM, O'Brien SJ. Trends in indigenous foodborne disease and deaths, England and Wales: 1992 to 2000. Gut. 2002 Dec;51(6):832-41.
[2] Hall G, Kirk MD, Becker N, *et al*. An estimate of foodborne gastroenteritis an Australia, allowing for uncertainty. In press. *Emerging Infectious Diseases*.

proportion of persons with bloody and non-bloody diarrhea seeking medical and submitting a stool sample.

- Three additional cycles have been completed. A paper by Jones *et al.* (submitted to *Epidemiology and Infection*) compared the prevalence of diarrheal illness, medical care seeking and stool sample submission across all four cycles. The questions asked in the four cycles are comparable and it feasible to collapse these into a single dataset of >54,000 completed interviews.

- The FoodNet Burden WG has looked at the factors predictive of seeking medical care and submitting a stool sample, among those with a diarrheal illness; bloody diarrhea and duration are the best predictors. By collapsing across all four cycles of the population survey we will have a sufficient number of respondents to create separate reporting pyramids for those with or without bloody diarrhea and with short and long illness durations; thus, increasing estimate precision. We may be able to estimate separate underreporting factors for each pathogen where case series information on bloody diarrhea and duration are available.

- Another enhancement would be to adjust for travel-associated cases. FoodNet has been collecting travel information on *Salmonella, E. coli* and Shigella cases since January 2004. Information is available for other pathogens.

- Additional data are available for some pathogens to inform the model parameters; for other pathogens, additional information has been documented in scientific publications.

3. Scope of project

- There was some discussion about including additional of pathogens. Although potentially foodborne, there are very few cases of Hep E; there are some additional parasitic organisms but data on these are scarce; Rob Tauxe suggested including Bovine TB.

- There was some discussion about widening the scope of the project to include all infection intestinal disease; there was a discussion about looking at the burden of waterborne disease. It was decided to limit this analysis to foodborne disease and related-pathogens. Other projects may be considered subsequently.

4. Timeline

- The deadline for abstracts for ICEID 2006 is November 18, 2005; we will aim to submit abstracts from each group (1. Burden of bacterial pathogens; 2. Burden of Viral pathogens [excluding Hep A.]; 3. Burden of Hep. A; 4.Burden of Parasitic foodborne pathogens)

- The WG will have monthly conference calls beginning end of July 2005.
  - **Action: Elaine Scallan to set up conference call time**
  - **Action items for July 2005 conference call:**
    - Elaine Scallan to provide estimate to the number of cases of diarrheal illness in the United States.
    - WG members to review the data sources used Mead's paper and identify new sources of data to determine for each pathogen:
      a. The number of reported cases
      b. The hospitalization rate
      c. The case-fatality rate
      d. The proportion of travel-associated cases
      e. The proportion of foodborne cases
      f. For pathogens with GE symptom, case series data on the proportion of cases with bloody diarrhea and a diarrhea duration ≥3 days

Frequency of Travel for *Salmonella* Cases, FoodNet 2004*

	Site										
	CA	**CO**	**CT**	**GA^**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
International travel-related	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Yes	62 (16%)	55 (21%)	22 (15%)	30 (5%)	53 (8%)	94 (16%)	11 (5%)	35 (8%)	33 (9%)	12 (3%)	407 (10%)
No	328 (84%)	204 (79%)	126 (85%)	551 (95%)	646 (92%)	498 (84%)	194 (95%)	406 (92%)	328 (91%)	377 (97%)	3658 (90%)
Total with travel information	**390 (81%)**	**259 (80%)**	**148 (32%)**	**581 (76%)**	**699 (88%)**	**592 (92%)**	**205 (73%)**	**441 (98%)**	**361 (98%)**	**389 (50%)**	**4065 (76%)**
Unknown	91 (19%)	65 (20%)	295 (64%)	187 (24%)	0 (0%)	51 (8%)	76 (27%)	9 (2%)	8 (2%)	275 (35%)	1057 (20%)
Missing	0 (0%)	0 (0%)	19 (4%)	0 (0%)	95 (12%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	112 (14%)	226 (4%)
Total missing & unknown	**91 (19%)**	**65 (20%)**	**314 (68%)**	**187 (24%)**	**95 (12%)**	**51 (8%)**	**76 (27%)**	**9 (2%)**	**8 (2%)**	**387 (50%)**	**1283 (24%)**
Total cases reported/selected for interview	**481**	**324**	**462**	**768**	**794**	**643**	**281**	**450**	**369**	**776**	**5348**

^1920 cases of *Salmonella* reported; 768 selected for interview

Dates of Travel for *Salmonella* Cases, FoodNet 2004*

	Site										
	CA	**CO**	**CT**	**GA**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
Date	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Date of departure	35 (56%)	54 (98%)	18 (82%)	16 (53%)	48 (91%)	93 (99%)	11 (100%)	33 (94%)	28 (85%)	6 (50%)	342 (84%)
Date of return	43 (69%)	54 (98%)	20 (91%)	20 (67%)	49 (92%)	93 (99%)	11 (100%)	35 (100%)	28 (85%)	6 (50%)	359 (88%)
Total reported traveling	**62**	**55**	**22**	**30**	**53**	**94**	**11**	**35**	**33**	**12**	**407**

*Preliminary Data, Not for Public Distribution Data transmitted 6/24/05

Frequency of International Travel, by *Salmonella* Serotype, FoodNet 2004*

	International travel-related						Missing & unknown travel information		
	Yes		No		Total				All cases
Serotype	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	
Typhimurium	43	(5.5)	735	(94.5)	778	(65.1%)	418	(34.9%)	1196
Enteritidis	137	(22.0)	486	(78.0)	623	(71.0%)	254	(29.0%)	877
Newport	9	(2.8)	312	(97.2)	321	(54.0%)	273	(46.0%)	594
Javiana	7	(3.2)	214	(96.8)	221	(52.6%)	199	(47.4%)	420
Heidelberg	7	(3.1)	216	(96.9)	223	(72.2%)	86	(27.8%)	309
Muenchen	2	(2.6)	75	(97.4)	77	(44.8%)	95	(55.2%)	172
Montevideo	2	(1.9)	106	(98.1)	108	(63.9%)	61	(36.1%)	169
S. I 4,[5],12:i:-	1	(1.1)	92	(98.9)	93	(57.8%)	68	(42.2%)	161
Mississippi	1	(1.5)	66	(98.5)	67	(44.4%)	84	(55.6%)	151
Saintpaul	17	(18.5)	75	(81.5)	92	(67.6%)	44	(32.4%)	136
Braenderup	10	(14.3)	60	(85.7)	70	(60.9%)	45	(39.1%)	115
Infantis	4	(7.0)	53	(93.0)	57	(60.6%)	37	(39.4%)	94
Oranienburg	8	(13.1)	53	(86.9)	61	(68.5%)	28	(31.5%)	89
Paratyphi B Var. L(+) Tartrate+ (Formerly Java)	3	(6.4)	44	(93.6)	47	(67.1%)	23	(32.9%)	70
Agona	17	(34.7)	32	(65.3)	49	(71.0%)	20	(29.0%)	69
Thompson	4	(8.7)	42	(91.3)	46	(68.7%)	21	(31.3%)	67
Anatum	2	(3.9)	49	(96.1)	51	(86.4%)	8	(13.6%)	59
Typhi	33	(67.3)	16	(32.7)	49	(90.7%)	5	(9.3%)	54
Bareilly	0	(0)	17	(100)	17	(38.6%)	27	(61.4%)	44
Hadar	2	(6.3)	30	(93.8)	32	(74.4%)	11	(25.6%)	43
All others	88	(12.1)	639	(87.9)	727	(66.3%)	369	(33.7%)	1096
Total serotyped	397	(10.4)	3412	(89.6)	3809	(63.6%)	2176	(36.4%)	5985
Not serotyped	10	(3.9)	246	(96.1)	256	(49.7%)	259	(50.3%)	515
Total cases	407	(10.0)	3658	(90.0)	4065	(62.5%)	2435	(37.5%)	6500

*Preliminary Data, Not for Public Distribution
Data transmitted 6/24/2005

Frequency of Travel for *E. coli* O157 Cases, FoodNet 2004*

	Site										
	CA	**CO**	**CT**	**GA**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
International travel-related	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Yes	1 (5%)	0 (0%)	1 (4%)	0 (0%)	1 (5%)	1 (1%)	1 (20%)	4 (8%)	0 (0%)	0 (0%)	9 (3%)
No	20 (95%)	20 (100%)	22 (96%)	23 (100%)	20 (95%)	101 (99%)	4 (80%)	48 (92%)	59 (100%)	33 (100%)	350 (97%)
Total with travel information	**21 (84%)**	**20 (95%)**	**23 (74%)**	**23 (100%)**	**21 (95%)**	**102 (93%)**	**5 (71%)**	**52 (96%)**	**59 (97%)**	**33 (69%)**	**359 (89%)**
Unknown	4 (16%)	1 (5%)	5 (16%)	0 (0%)	0 (0%)	8 (7%)	2 (29%)	2 (4%)	2 (3%)	10 (21%)	34 (8%)
Missing	0 (0%)	0 (0%)	3 (10%)	0 (0%)	1 (5%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (10%)	9 (2%)
Total missing & unknown	**4 (16%)**	**1 (5%)**	**8 (26%)**	**0 (0%)**	**1 (5%)**	**8 (7%)**	**2 (29%)**	**2 (4%)**	**2 (3%)**	**15 (31%)**	**43 (11%)**
Total cases reported/selected for interview	**25**	**21**	**31**	**23**	**22**	**110**	**7**	**54**	**61**	**48**	**402**

Dates of Travel for *E. coli C* ases, FoodNet 2004*

	Site										
	CA	**CO**	**CT**	**GA**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
Date	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Date of departure	1 (100%)	- -	1 (100%)	- -	1 (100%)	1 (100%)	1 (100%)	4 (100%)	- -	- -	9 (100%)
Date of return	1 (100%)	- -	1 (100%)	- -	1 (100%)	1 (100%)	1 (100%)	4 (100%)	- -	- -	9 (100%)
Total reported traveling	**1**	**-**	**1**	**-**	**1**	**1**	**1**	**4**	**-**	**-**	**9**

*Preliminary Data, Not for Public Distribution
Data transmitted 6/24/05

Frequency of Travel for *Salmonella* Cases, FoodNet 2005*

	Site										
	CA	**CO**	**CT**	**GA^**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
International travel-related	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Yes	5 (14%)	20 (22%)	17 (21%)	7 (6%)	23 (13%)	61 (29%)	5 (15%)	19 (11%)	24 (19%)	- -	181 (17%)
No	32 (86%)	72 (78%)	63 (79%)	108 (94%)	157 (87%)	149 (71%)	29 (85%)	154 (89%)	105 (81%)	- -	869 (83%)
Total with travel information	**37 (26%)**	**92 (79%)**	**80 (43%)**	**115 (72%)**	**180 (79%)**	**210 (90%)**	**34 (55%)**	**173 (97%)**	**129 (83%)**	**- -**	**1050 (72%)**
Unknown	35 (24%)	24 (21%)	108 (57%)	45 (28%)	0 (0%)	24 (10%)	6 (0%)	6 (3%)	26 (17%)	- -	274 (19%)
Missing	71 (50%)	0 (0%)	0 (0%)	0 (0%)	49 (21%)	0 (0%)	22 (35%)	0 (0%)	0 (0%)	- -	142 (10%)
Total missing & unknown	**106 (74%)**	**24 (21%)**	**108 (57%)**	**45 (28%)**	**49 (21%)**	**24 (10%)**	**28 (45%)**	**6 (3%)**	**26 (17%)**	**- -**	**416 (28%)**
Total cases reported/selected for interview	**143**	**116**	**188**	**160**	**229**	**234**	**62**	**179**	**155**	**-**	**1466**

^401 cases of *Salmonella* reported; 160 selected for interview

Dates of Travel for *Salmonella* Cases, FoodNet 2005*

	Site										
	CA	**CO**	**CT**	**GA**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
Date	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Date of departure	3 (60%)	17 (85%)	12 (71%)	1 (14%)	22 (96%)	60 (98%)	5 (100%)	19 (100%)	19 (79%)	- -	158 (87%)
Date of return	4 (80%)	17 (85%)	14 (82%)	1 (14%)	23 (100%)	60 (98%)	5 (100%)	19 (100%)	22 (92%)	- -	165 (91%)
Total reported traveling	**5**	**20**	**17**	**7**	**23**	**61**	**5**	**19**	**24**	**-**	**181**

*Preliminary Data, Not for Public Distribution
Data transmitted 6/24/05

Frequency of International Travel, by *Salmonella* Serotype, FoodNet 2005*

	International travel-related						Missing &		
	Yes		No		Total		Unknown travel		All cases
Serotype	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	
Enteritidis	72	(29.8)	170	(70.2)	242	(69.3%)	107	(30.7%)	349
Typhimurium	23	(12.0)	169	(88.0)	192	(64.6%)	105	(35.4%)	297
Heidelberg	1	(1.6)	62	(98.4)	63	(62.4%)	38	(37.6%)	101
Newport	4	(8.3)	44	(91.7)	48	(66.7%)	24	(33.3%)	72
Paratyphi B. var. L(+)		(4.5)							
Tartrate + (formerly Java)	1		21	(95.5)	22	(56.4%)	17	(43.6%)	39
Montevideo	4	(17.4)	19	(82.6)	23	(63.9%)	13	(36.1%)	36
Braenderup	3	(20.0)	12	(80.0)	15	(53.6%)	13	(46.4%)	28
Oranienburg	8	(47.1)	9	(52.9)	17	(68.0%)	8	(32.0%)	25
S. I 4,[5],12:i:-	1	(5.9)	16	(94.1)	17	(68.0%)	8	(32.0%)	25
Mississippi	1	(16.7)	5	(83.3)	6	(26.1%)	17	(73.9%)	23
Javiana	0	(0.0)	12	(100.0)	12	(57.1%)	9	(42.9%)	21
Thompson	1	(7.1)	13	(92.9)	14	(66.7%)	7	(33.3%)	21
Typhi	10	(83.3)	2	(16.7)	12	(63.2%)	7	(36.8%)	19
Anatum	1	(7.1)	13	(92.9)	14	(87.5%)	2	(12.5%)	16
Infantis	2	(25.0)	6	(75.0)	8	(50.0%)	8	(50.0%)	16
Saintpaul	4	(33.3)	8	(66.7)	12	(75.0%)	4	(25.0%)	16
Paratyphi A	4	(100.0)	0	(0.0)	4	(26.7%)	11	(73.3%)	15
Agona	5	(55.6)	4	(44.4)	9	(64.3%)	5	(35.7%)	14
Poona	3	(37.5)	5	(62.5)	8	(61.5%)	5	(38.5%)	13
Stanley	2	(22.2)	7	(77.8)	9	(69.2%)	4	(30.8%)	13
All others	23	(12.0)	168	(88.0)	191	(69.7%)	83	(30.3%)	274
Total serotyped	173	(18.4)	765	(81.6)	938	(65.5%)	495	(34.5%)	1433
Not serotyped	8	(7.1)	104	(92.9)	112	(40.9%)	162	(59.1%)	274
Total cases	181	(17.2)	869	(82.8)	1050	(61.5%)	657	(38.5%)	1707

*Preliminary Data, Not for Public Distribution
Data transmitted 6/24/05

Frequency of Travel for *E. coli* O157 Cases, FoodNet 2005*

	Site										
	CA	**CO**	**CT**	**GA**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
International travel-related	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Yes	1 (50%)	0 (0%)	1 (11%)	0 (0%)	0 (0%)	1 (13%)	0 (0%)	1 (9%)	1 (6%)	- -	5 (8%)
No	1 (50%)	9 (100%)	8 (89%)	5 (100%)	4 (100%)	7 (88%)	0 (0%)	10 (91%)	17 (94%)	- -	61 (92%)
Total with travel information	**2 (40%)**	**9 (82%)**	**9 (82%)**	**5 (50%)**	**4 (67%)**	**8 (80%)**	**0 (0%)**	**11 (100%)**	**18 (95%)**	**- -**	**66 (78%)**
Unknown	1 (20%)	2 (18%)	2 (18%)	3 (30%)	0 (0%)	2 (100%)	0 (0%)	0 (0%)	1 (5%)	- -	11 (13%)
Missing	2 (67%)	0 (0%)	0 (0%)	2 (40%)	2 (100%)	0 (0%)	2 (100%)	0 (0%)	0 (0%)	- -	8 (42%)
Total missing & unknown	**3 (60%)**	**2 (18%)**	**2 (18%)**	**5 (50%)**	**2 (33%)**	**2 (20%)**	**2 (100%)**	**0 (0%)**	**1 (5%)**	**- -**	**19 (22%)**
Total cases reported/selected for interview	**5**	**11**	**11**	**10**	**6**	**10**	**2**	**11**	**19**	**-**	**85**

Dates of Travel for *E. coli* Cases, FoodNet 2005*

	Site										
	CA	**CO**	**CT**	**GA**	**MD**	**MN**	**NM**	**NY**	**OR**	**TN**	**Total**
Date	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Date of departure	1 (100%)	- -	1 (100%)	- -	- -	1 (100%)	- -	1 (100%)	1 (100%)	- -	5 (100%)
Date of return	1 (100%)	- -	1 (100%)	- -	- -	1 (100%)	- -	1 (100%)	1 (100%)	- -	5 (100%)
Total reported traveling	**1**	**-**	**1**	**-**	**-**	**1**	**-**	**1**	**1**	**-**	**5**

*Preliminary Data, Not for Public Distribution
Data transmitted 6/24/05

Frequency of Travel for *Shigella* Cases, FoodNet 2005*

	Site										
	CA	CO	CT	GA^	MD	MN	NM	NY	OR	TN	Total
International travel-related	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Yes	17 (36%)	7 (54%)	11 (55%)	0 (%)	6 (35%)	10 (33%)	4 (20%)	7 (44%)	14 (56%)	- -	76 (38%)
No	30 (64%)	6 (46%)	9 (45%)	10 (100%)	11 (65%)	20 (67%)	16 (80%)	9 (56%)	11 (44%)	- -	122 (62%)
Total with travel information	**47 (71%)**	**13 (62%)**	**20 (87%)**	**10 (26%)**	**17 (74%)**	**30 (97%)**	**20 (71%)**	**16 (94%)**	**25 (89%)**	- -	198 **(72%)**
Unknown	3 (5%)	8 (38%)	3 (13%)	24 (63%)	0 (0%)	1 (3%)	1 (4%)	1 (6%)	3 (11%)	- -	44 (16%)
Missing	16 (24%)	0 (0%)	0 (0%)	4 (11%)	6 (26%)	0 (0%)	7 (25%)	0 (0%)	0 (0%)	- -	33 (12%)
Total missing & unknown	**19 (29%)**	**8 (38%)**	**3 (13%)**	**28 (74%)**	**6 (26%)**	**1 (3%)**	**8 (29%)**	**1 (6%)**	**3 (11%)**	- -	**77 (28%)**
Total cases reported/selected for interview	**66**	**21**	**23**	**38**	**23**	**31**	**28**	**17**	**28**	- -	**275**

^421 cases of *Shigella* reported; 146 in Dekalb county and Health District 7 (interview area)

Dates of Travel for *Shigella* Cases, FoodNet 2005*

	Site										
	CA	CO	CT	GA	MD	MN	NM	NY	OR	TN	Total
Date	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Arrival in country	17 (100%)	6 (86%)	11 (100%)	0 (100%)	3 (50%)	10 (100%)	1 (25%)	7 (100%)	12 (86%)	- -	67 (88%)
Departure from country	17 (100%)	6 (86%)	11 (100%)	0 (100%)	3 (50%)	10 (100%)	1 (25%)	7 (100%)	12 (86%)	- -	67 (88%)
Total reported traveling	**17**	**7**	**11**	**0**	**6**	**10**	**4**	**7**	**14**		**76**

Frequency of Interview Information for *Shigella* Cases, FoodNet 2005*

	CA	CO	CT	GA^	MD	MN	NM	NY	OR	TN	Total
Additional case report information	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**	**N (%)**
Yes	65 (98%)	13 (62%)	18 (78%)	9 (24%)	7 (30%)	28 (90%)	17 (61%)	16 (94%)	28 (100%)	- -	201 (73%)
No	1 (2%)	8 (38%)	5 (22%)	29 (76%)	16 (70%)	3 (10%)	11 (39%)	1 (6%)	0 (0%)	- -	74 (27%)
Total cases reported/selected for interview	**66**	**21**	**23**	**38**	**23**	**31**	**28**	**17**	**28**	-	275

^421 cases of *Shigella* reported; 146 in Dekalb county and Health District 7 (interview area)

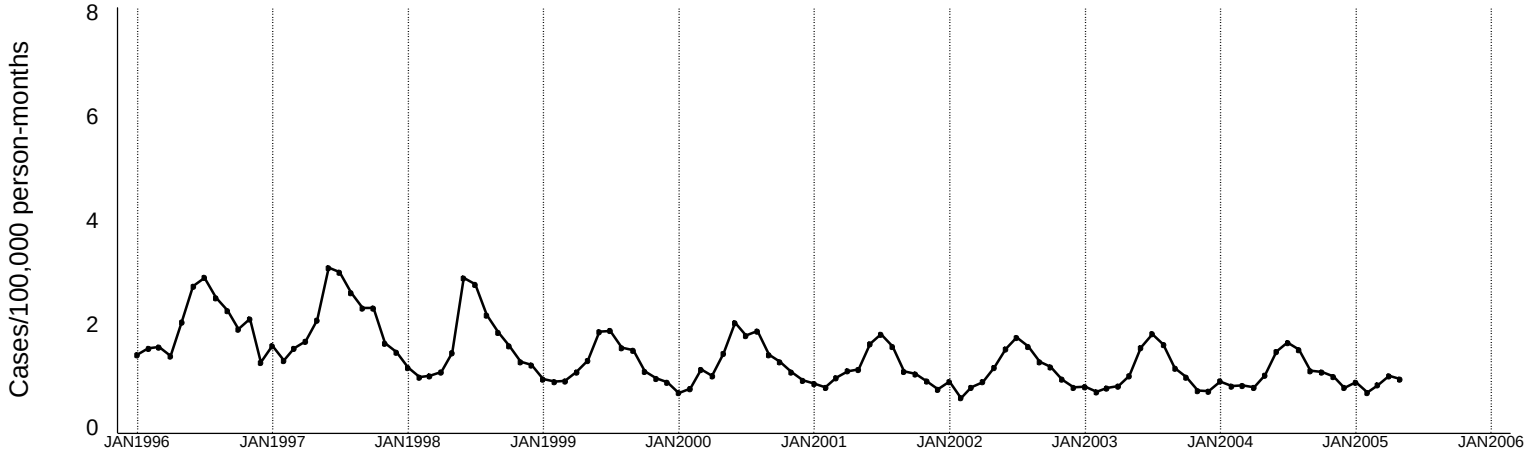
*Preliminary Data, Not for Public Distribution
Data transmitted 6/24/05

Frequency of Travel for *Shigella* Cases, by *Shigella S* erotype, FoodNet 2005*

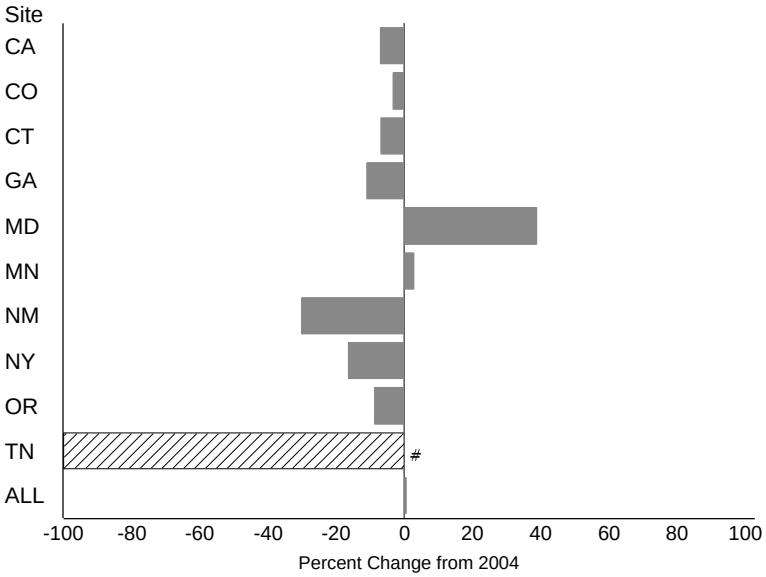
	S. dysenteriae (Group A)		***S. flexneri*** (Group B)		***S. sonnei*** (Group C)		***S. boydii*** (Group D)		**Unknown**		**Total**	
International travel related	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**	**N**	**(%)**
Yes	3	(100%)	27	(36%)	42	(39%)	3	(100%)	1	(11%)	76	(38%)
No	0	(0%)	47	(64%)	67	(61%)	0	(0%)	8	(89%)	122	(62%)
Total with travel information	**3**	**(100%)**	**74**	**(68%)**	**109**	**(81%)**	**3**	**(60%)**	**9**	**(38%)**	**198**	**(72%)**
Unknown	0	(0%)	18	(17%)	19	(14%)	1	(20%)	6	(25%)	44	(16%)
Missing	0	(0%)	17	(16%)	6	(4%)	1	(20%)	9	(38%)	33	(12%)
Total missing and unknown	**0**	**(0%)**	**35**	**(32%)**	**25**	**(19%)**	**2**	**(40%)**	**15**	**(63%)**	**77**	**(28%)**
Total cases reported/selected for interview	**3**		**109**		**134**		**5**		**24**		**275**	

Campylobacter

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

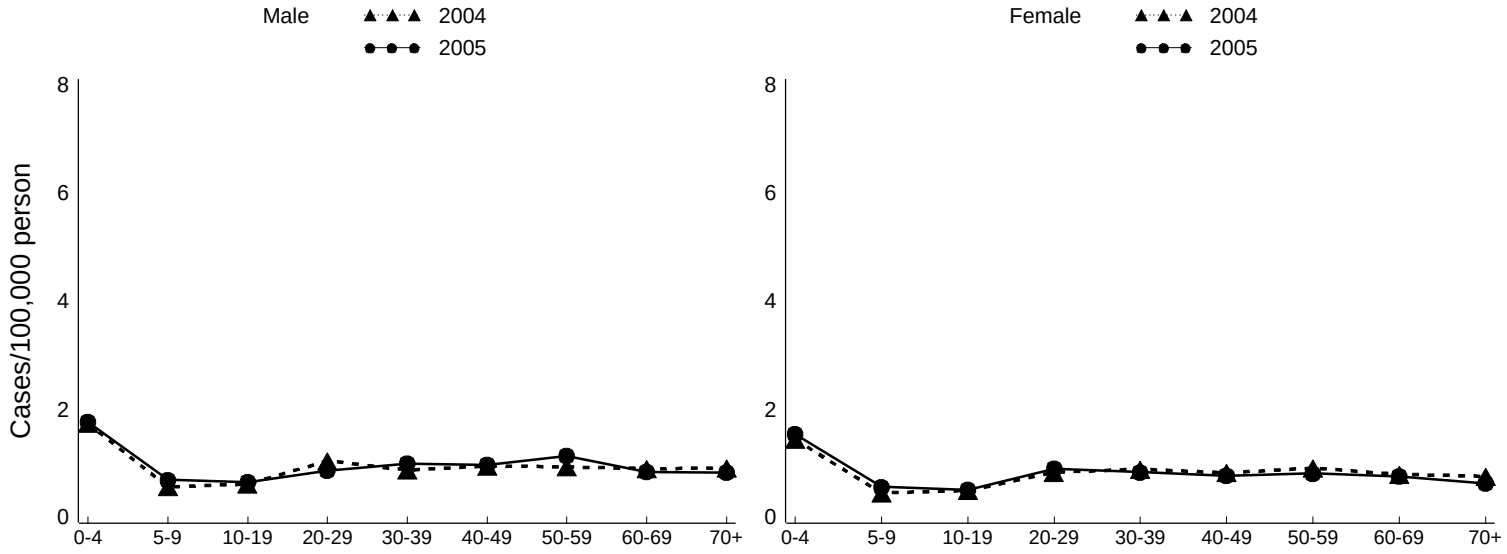


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	335	10.42	360	11.20	384	11.96
CO	151	5.977	156	6.175	120	4.950
CT	178	5.110	191	5.483	179	5.197
GA	180	2.073	202	2.326	214	2.516
MD	129	2.342	93	1.688	93	2.027
MN	259	5.119	252	4.981	275	5.497
NM	79	4.214	113	6.028	113	6.028
NY	143	3.315	171	3.964	127	4.109
OR	209	5.871	229	6.433	210	5.988
TN	0	0.000	140	2.397	94	2.260
ALL	1663	4.351	1907	4.328	1810	4.514

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

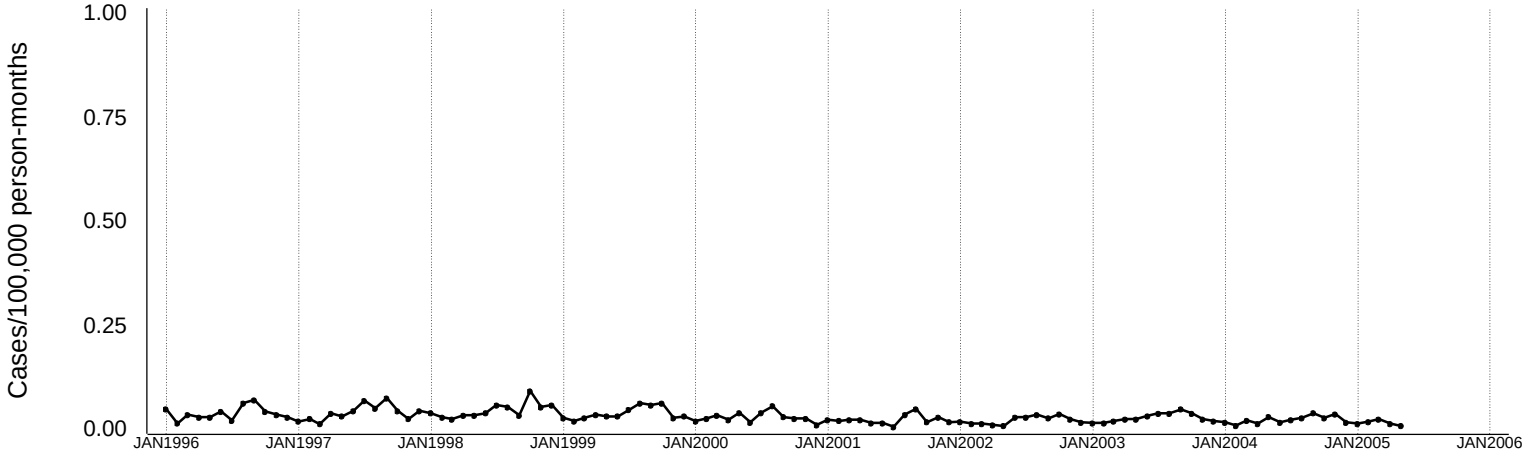


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

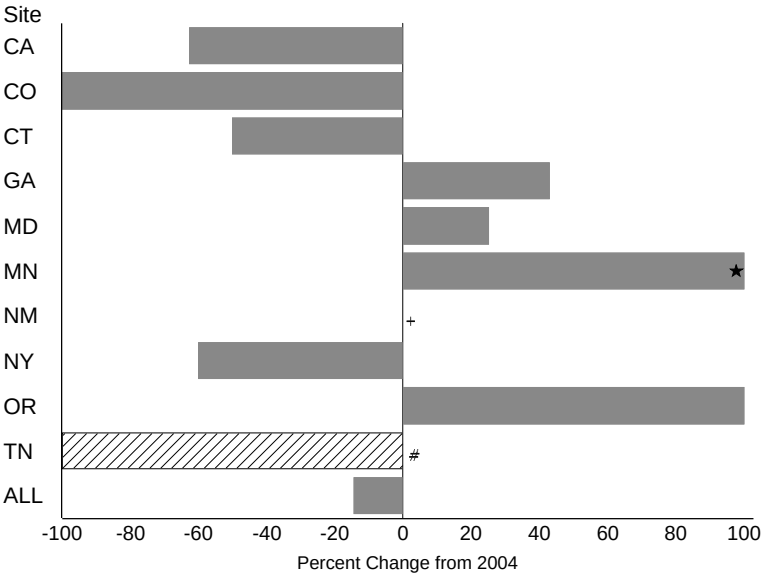
Report date: 29-June-2005

Listeria

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

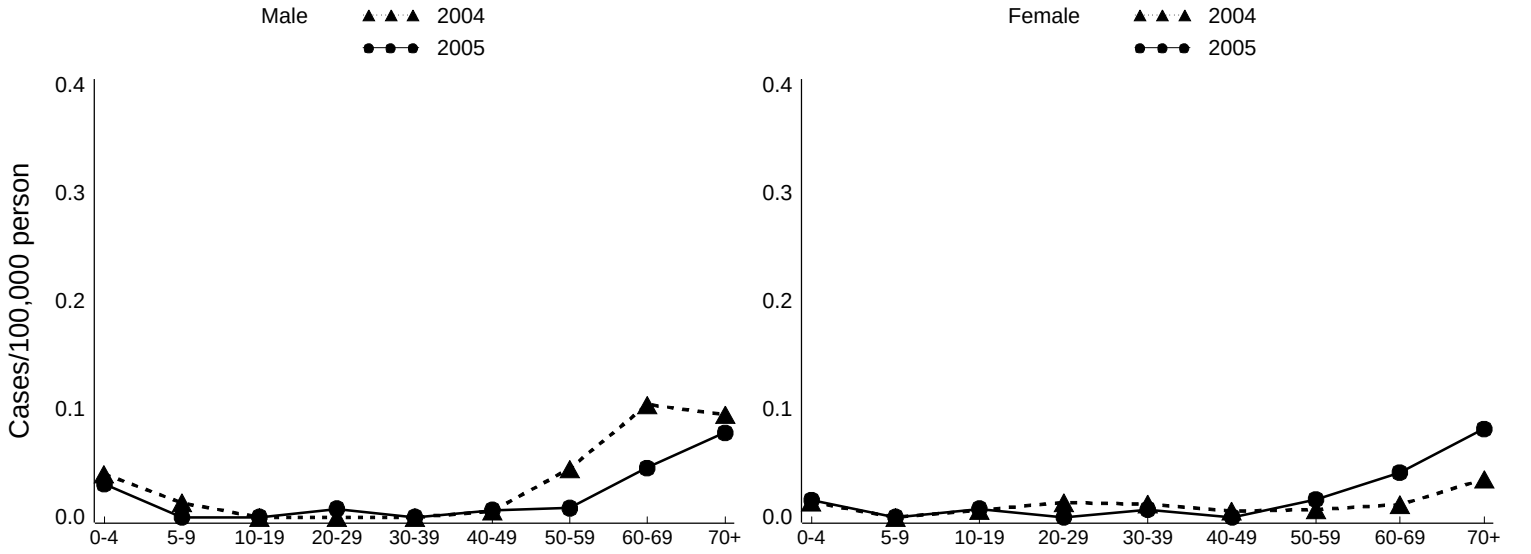


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	3	0.093	8	0.249	7	0.230
CO	0	0.000	1	0.040	2	0.073
CT	2	0.057	4	0.115	4	0.116
GA	10	0.115	7	0.081	9	0.108
MD	5	0.091	4	0.073	4	0.092
MN	3	0.059	1	0.020	1	0.024
NM	0	0.000	0	0.000	0	0.000
NY	2	0.046	5	0.116	4	0.157
OR	4	0.112	2	0.056	2	0.063
TN	0	0.000	7	0.120	3	0.063
ALL	29	0.076	39	0.089	37	0.098

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

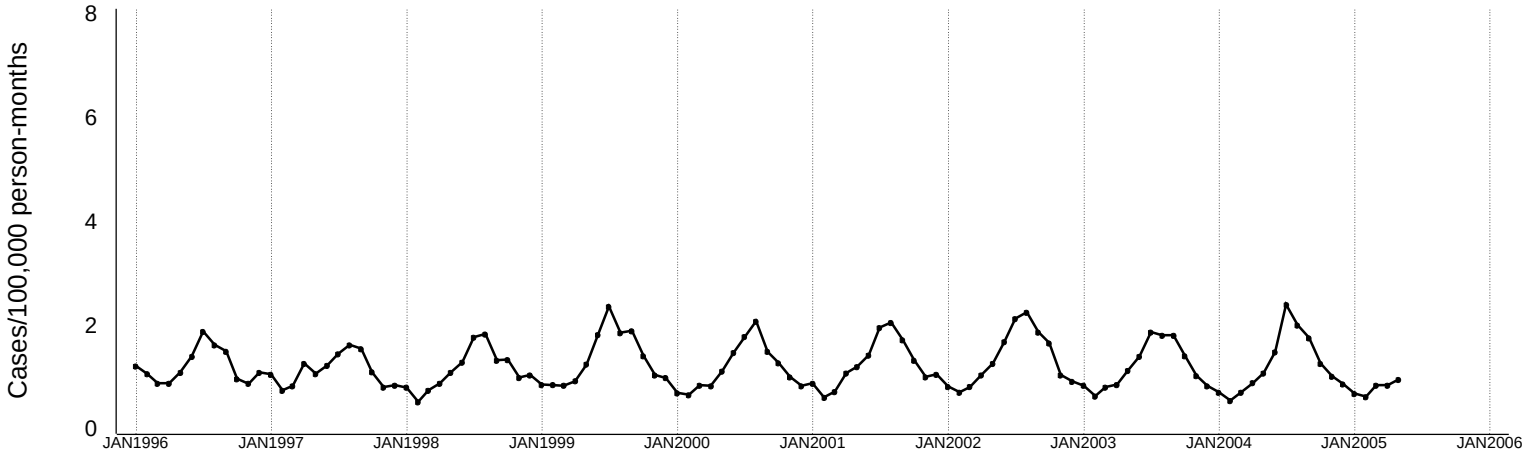


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

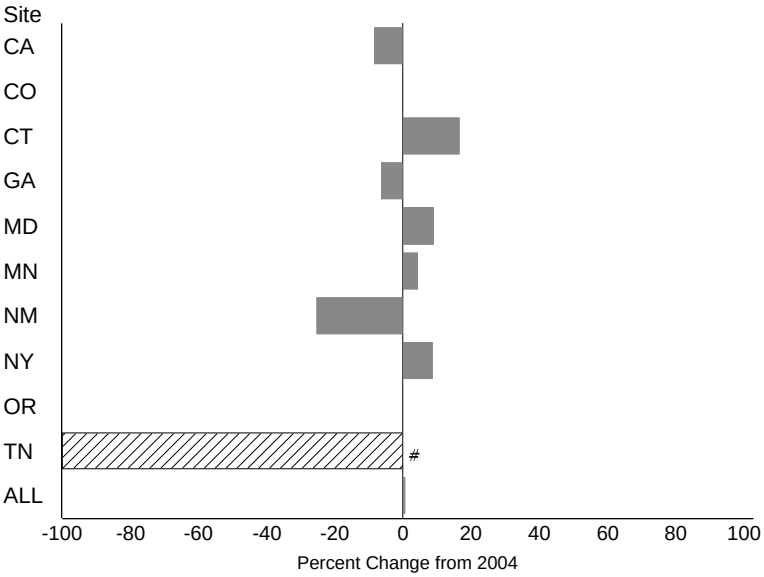
Report date: 29-June-2005

Salmonella, all serotypes

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

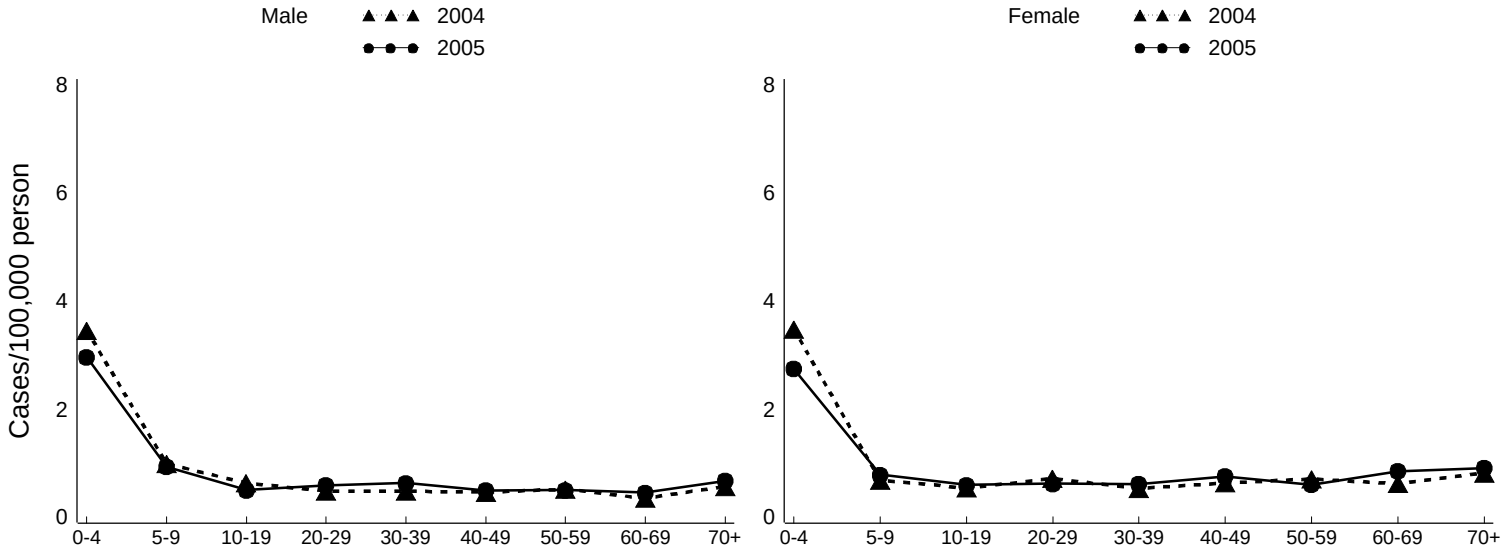


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	131	4.08	143	4.45	163	5.06
CO	101	4.00	101	4.00	101	4.19
CT	149	4.28	128	3.67	139	4.04
GA	363	4.18	387	4.46	381	4.47
MD	218	3.96	200	3.63	216	4.75
MN	201	3.97	193	3.81	209	4.17
NM	62	3.31	83	4.43	83	4.43
NY	152	3.52	140	3.25	121	3.91
OR	138	3.88	138	3.88	132	3.77
TN	0	0.00	226	3.87	168	4.14
ALL	1515	3.96	1739	3.95	1712	4.30

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

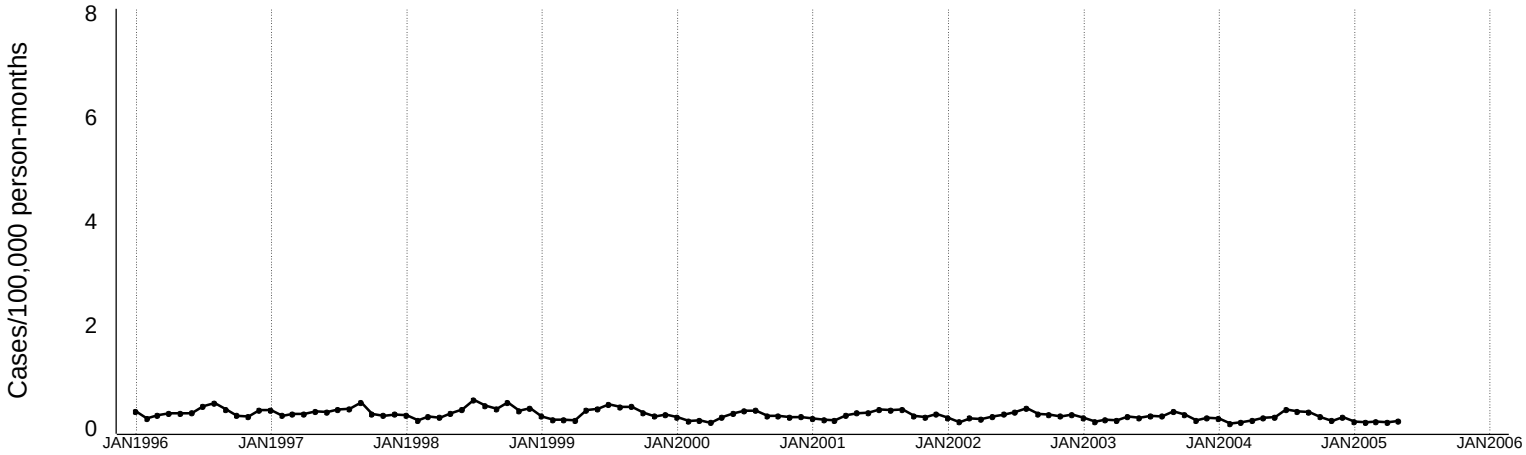


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

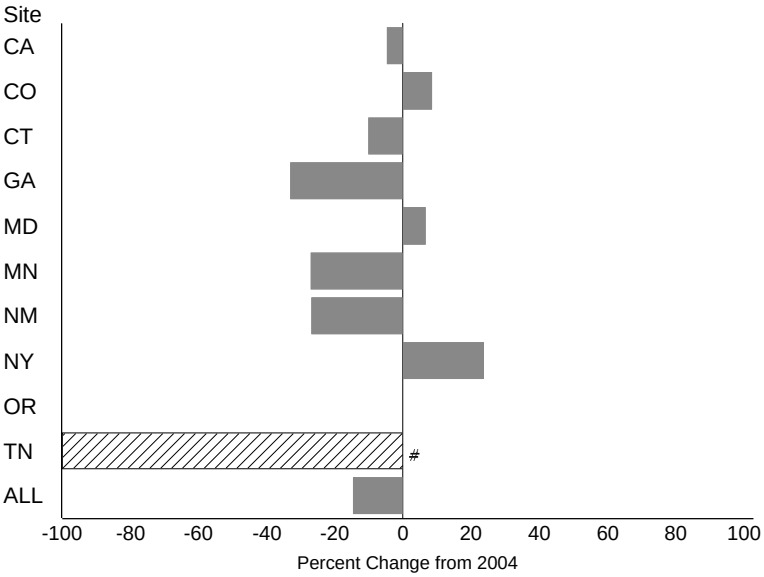
Report date: 29-June-2005

Salmonella Typhimurium

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

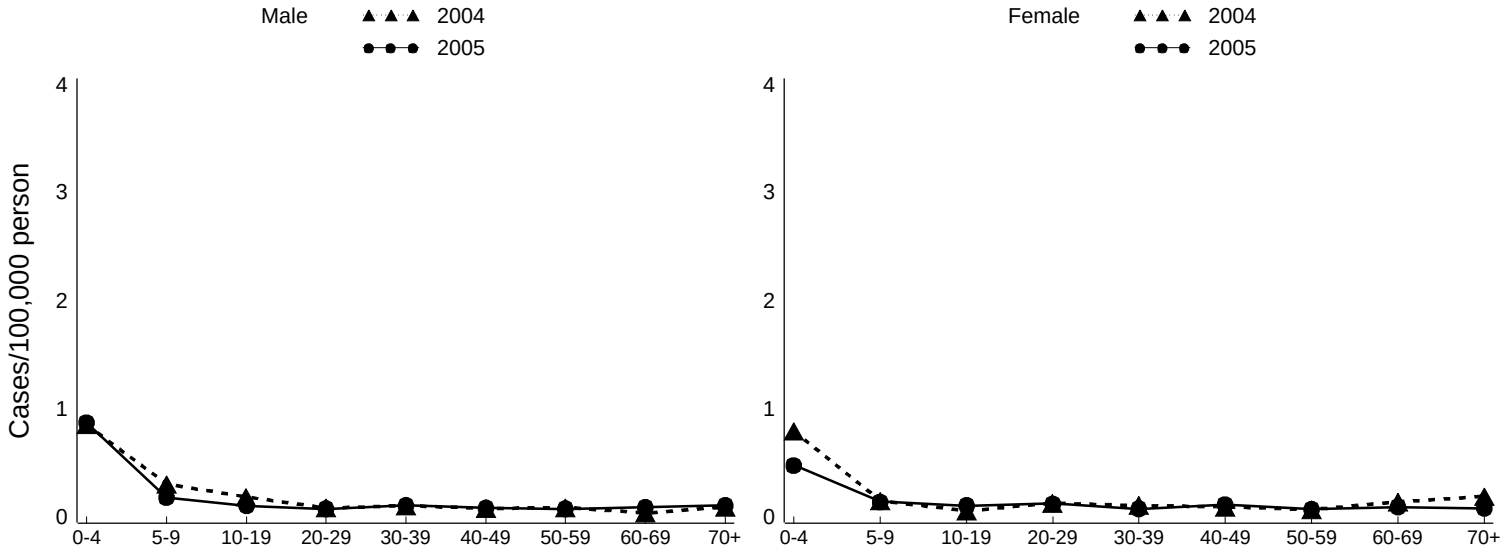


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	21	0.65	22	0.68	25	0.78
CO	26	1.03	24	0.95	26	1.10
CT	27	0.78	30	0.86	26	0.75
GA	59	0.68	88	1.01	87	1.02
MD	33	0.60	31	0.56	43	0.98
MN	38	0.75	52	1.03	57	1.13
NM	11	0.59	15	0.80	15	0.80
NY	21	0.49	17	0.39	25	0.82
OR	31	0.87	31	0.87	26	0.75
TN	0	0.00	50	0.86	48	1.22
ALL	267	0.70	360	0.82	377	0.96

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

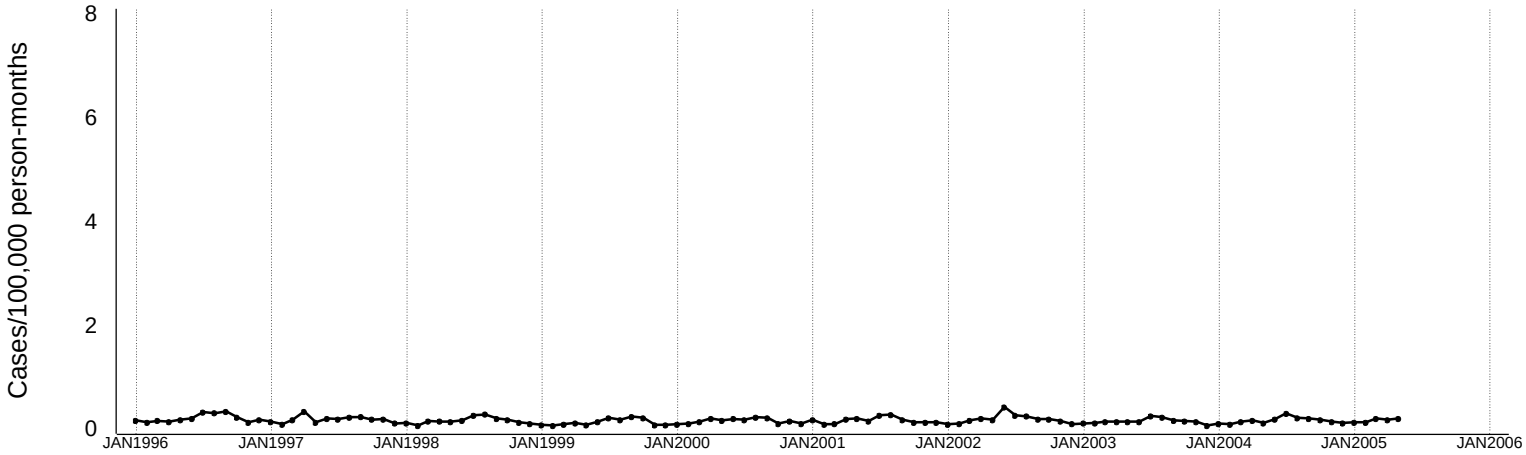


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

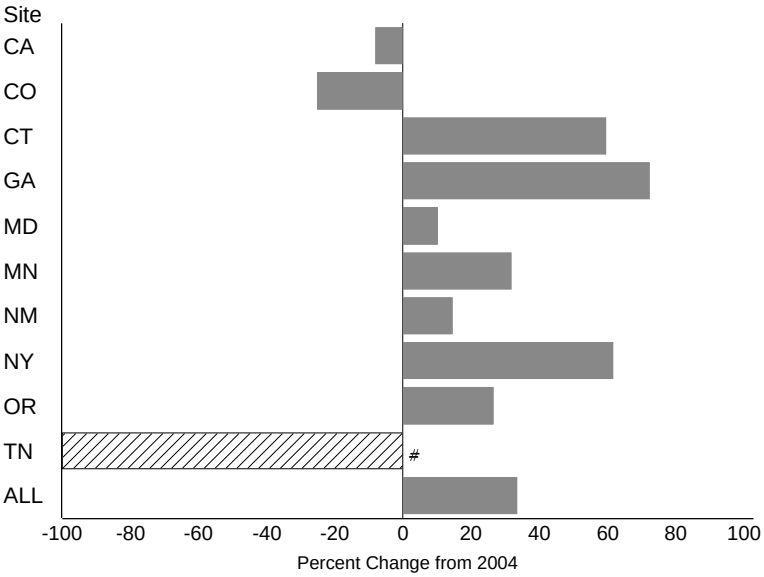
Report date: 29-June-2005

Salmonella Enteritidis

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

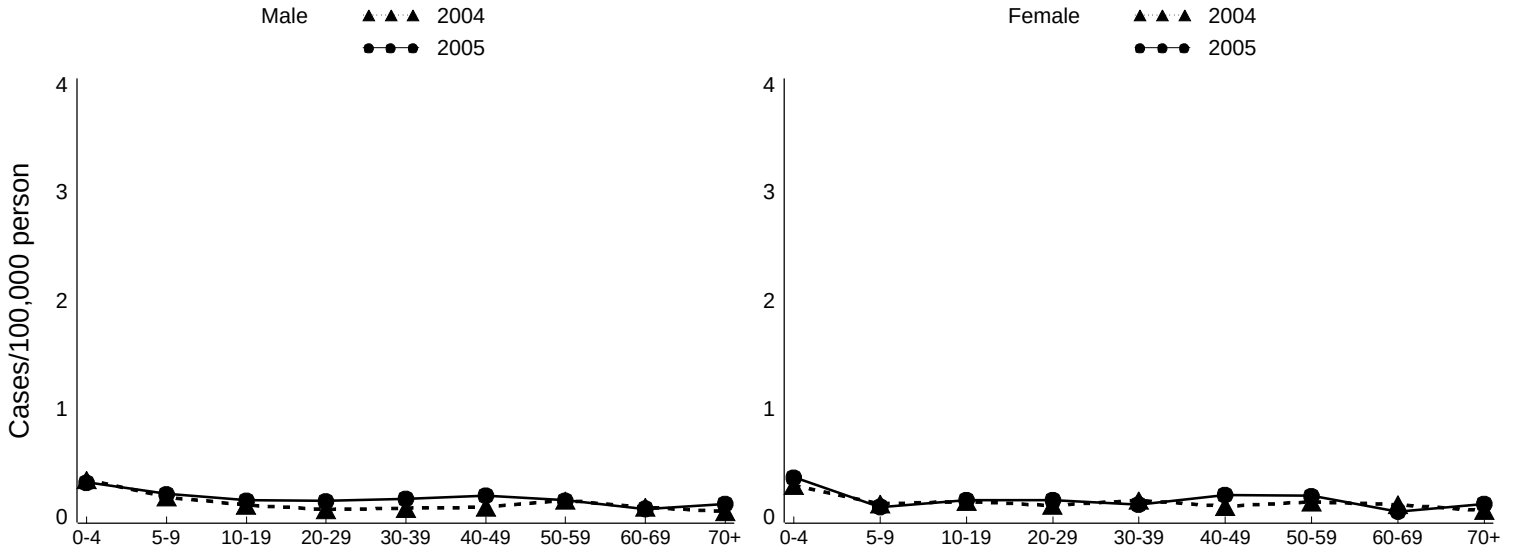


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	23	0.716	25	0.778	27	0.834
CO	18	0.713	24	0.950	20	0.792
CT	51	1.464	32	0.919	34	0.979
GA	31	0.357	18	0.207	21	0.247
MD	77	1.398	70	1.271	67	1.510
MN	50	0.988	38	0.751	43	0.859
NM	8	0.427	7	0.373	7	0.373
NY	42	0.974	26	0.603	21	0.670
OR	24	0.674	19	0.534	24	0.671
TN	0	0.000	21	0.359	13	0.316
ALL	324	0.848	280	0.635	275	0.706

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

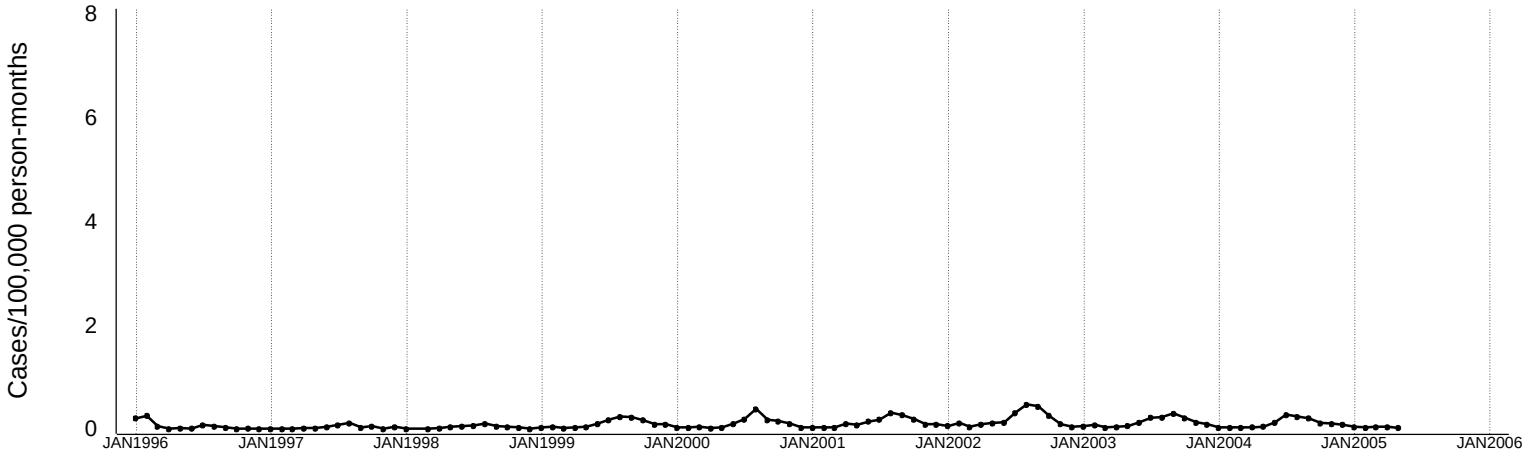


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

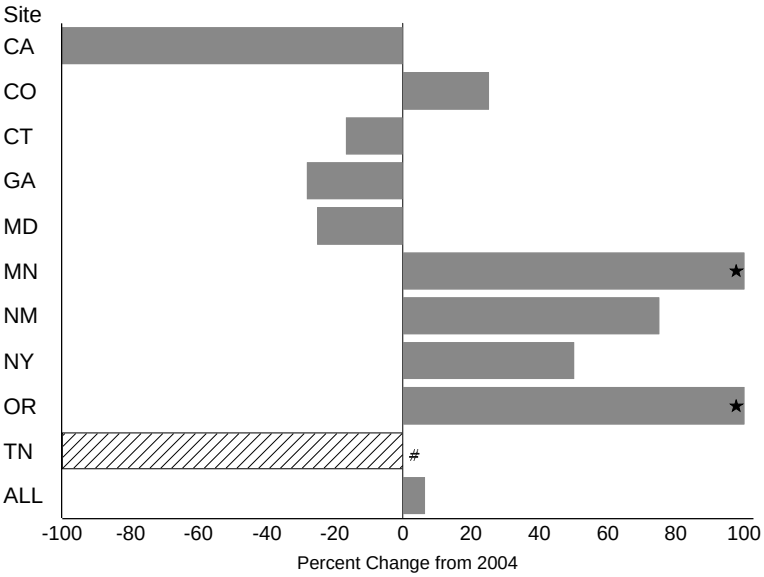
Report date: 29-June-2005

Salmonella Newport

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

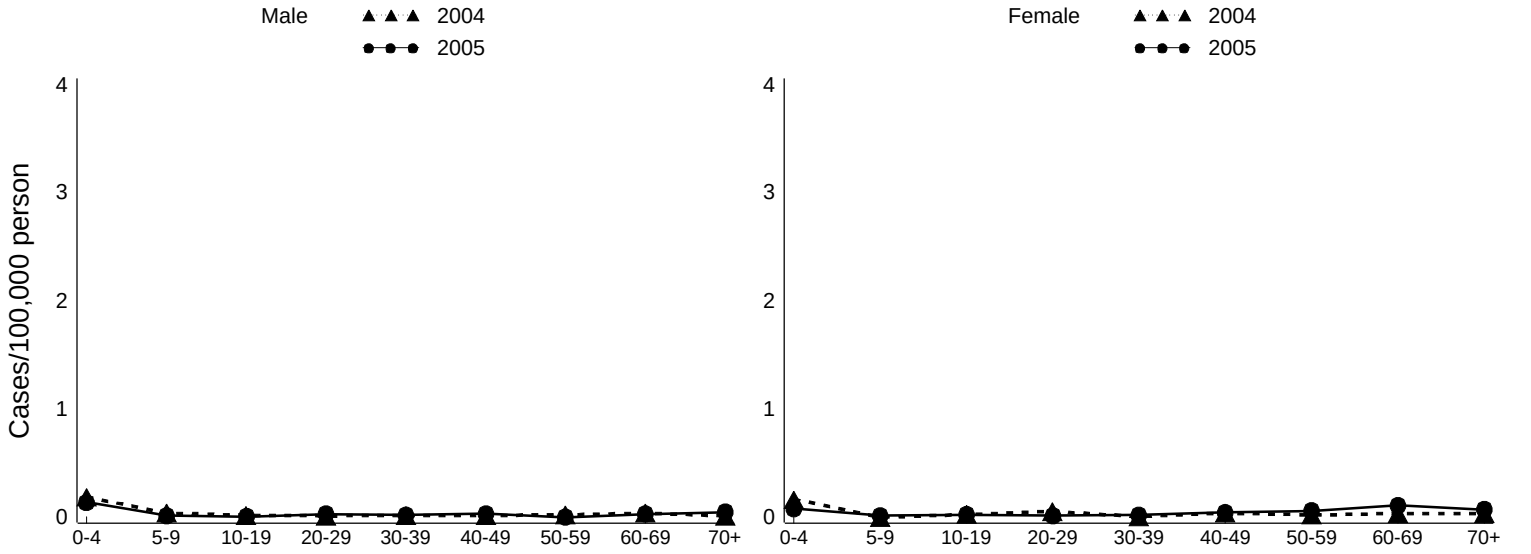


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	0	0.000	6	0.187	10	0.311
CO	5	0.198	4	0.158	6	0.247
CT	5	0.144	6	0.172	15	0.429
GA	23	0.265	32	0.368	30	0.347
MD	3	0.054	4	0.073	8	0.170
MN	14	0.277	6	0.119	8	0.167
NM	7	0.373	4	0.213	4	0.213
NY	6	0.139	4	0.093	11	0.350
OR	8	0.225	3	0.084	9	0.267
TN	0	0.000	8	0.137	5	0.132
ALL	71	0.186	77	0.175	106	0.268

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

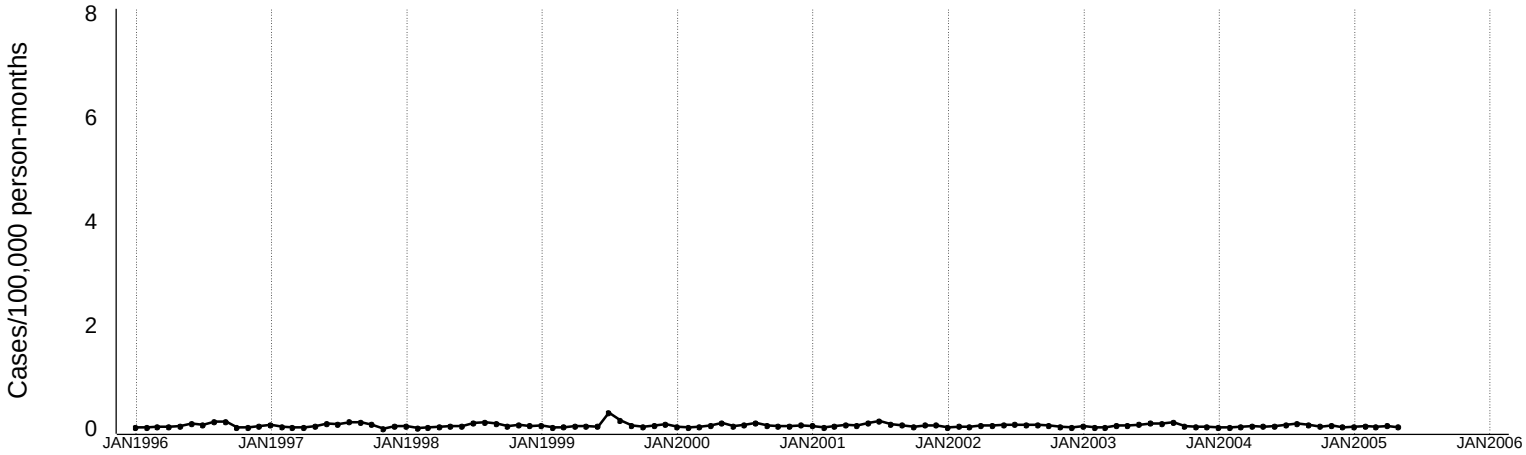


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

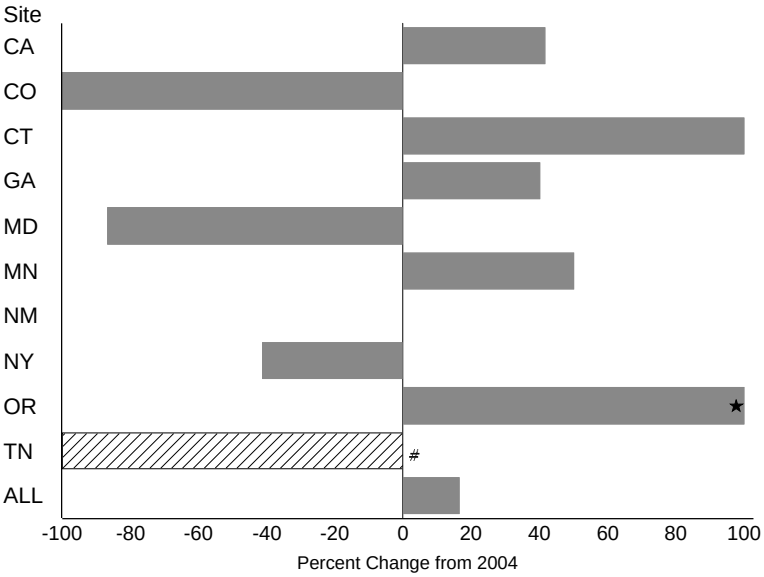
Report date: 29-June-2005

Salmonella Heidelberg

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

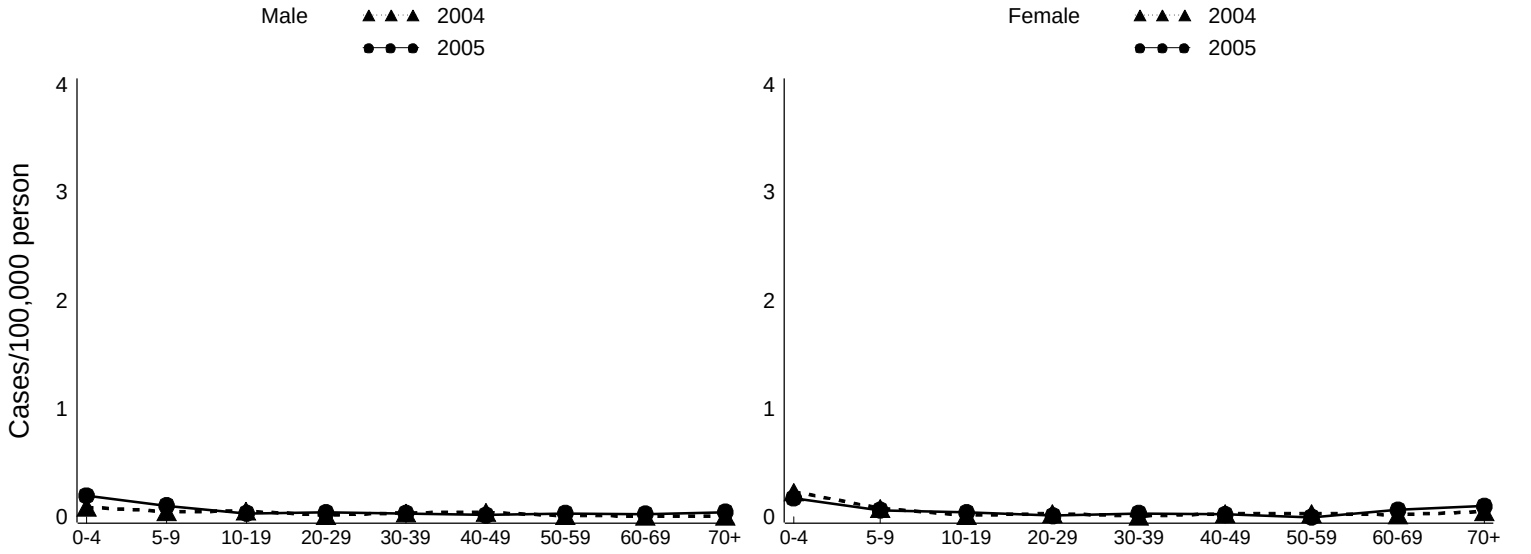


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	17	0.529	12	0.373	15	0.479
CO	0	0.000	5	0.198	8	0.329
CT	4	0.115	2	0.057	7	0.197
GA	28	0.322	20	0.230	24	0.285
MD	2	0.036	15	0.272	10	0.222
MN	15	0.296	10	0.198	10	0.204
NM	1	0.053	1	0.053	1	0.053
NY	10	0.232	17	0.394	12	0.437
OR	18	0.506	4	0.112	5	0.154
TN	0	0.000	8	0.137	10	0.250
ALL	95	0.249	94	0.213	103	0.270

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

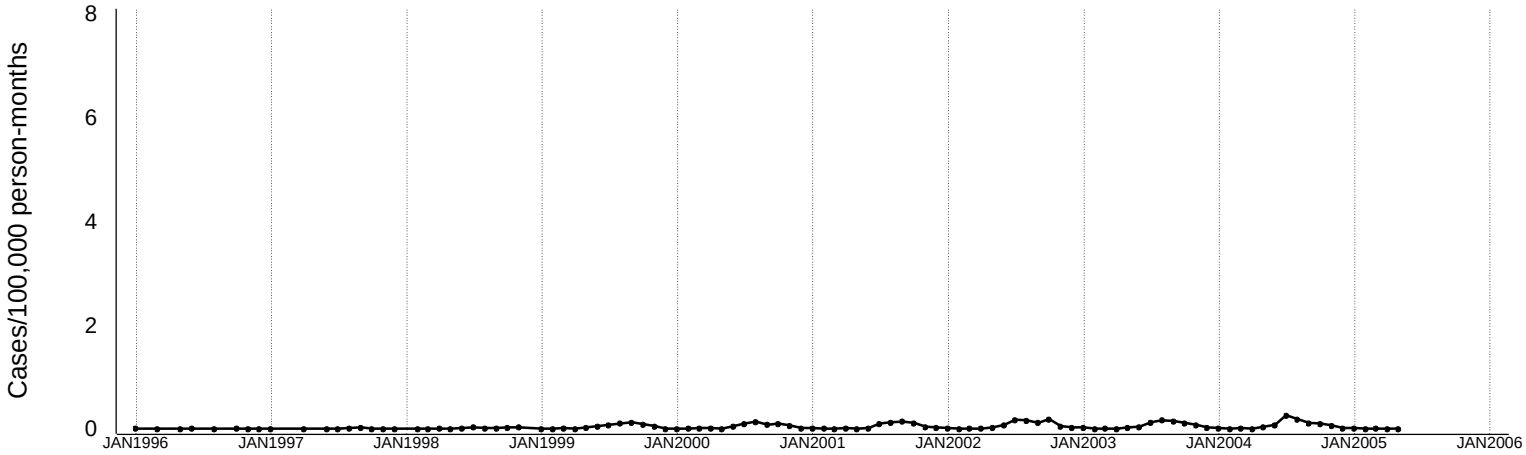


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

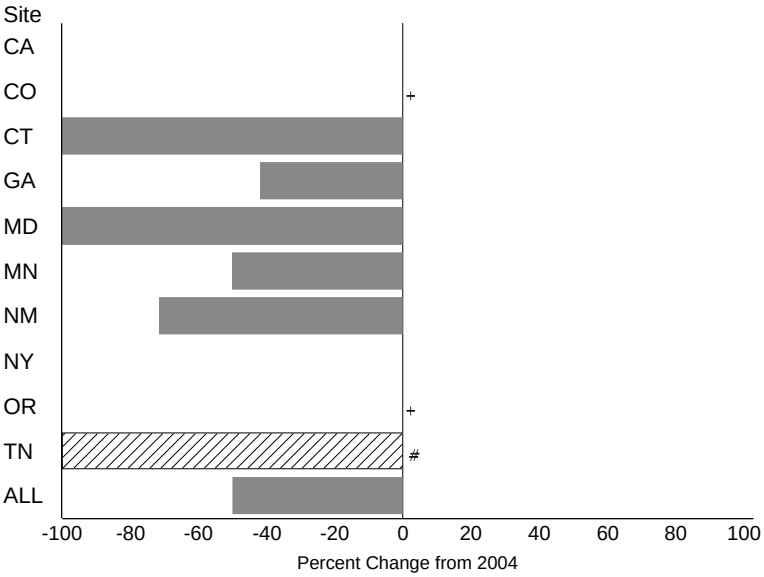
Report date: 29-June-2005

Salmonella Javiana

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

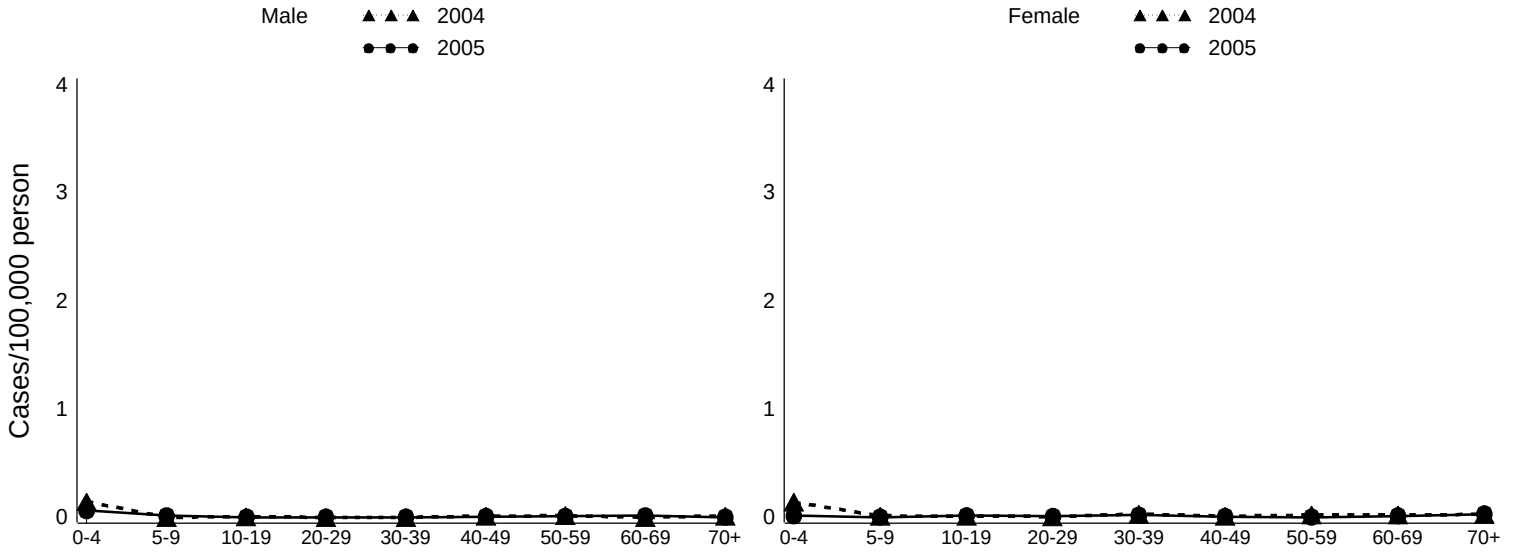


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.031	1	0.031	2	0.056
CO	0	0.000	0	0.000	0	0.000
CT	0	0.000	3	0.086	1	0.029
GA	14	0.161	24	0.276	18	0.205
MD	0	0.000	1	0.018	2	0.049
MN	1	0.020	2	0.040	2	0.044
NM	2	0.107	7	0.373	7	0.373
NY	2	0.046	2	0.046	0	0.009
OR	0	0.000	0	0.000	1	0.040
TN	0	0.000	6	0.103	4	0.094
ALL	20	0.052	46	0.104	37	0.082

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

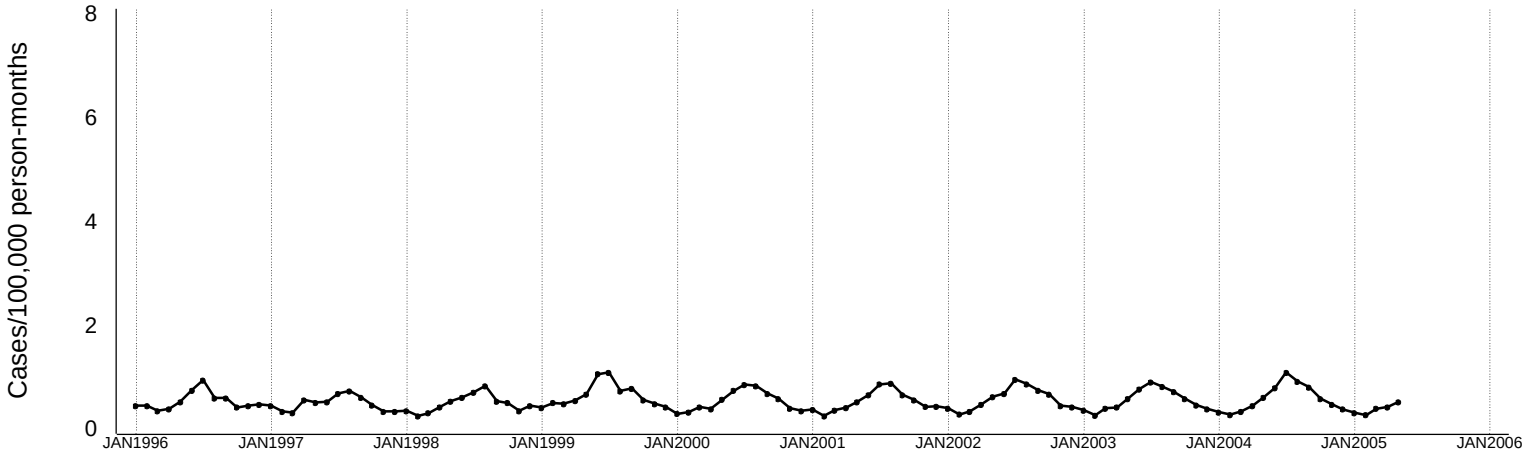


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

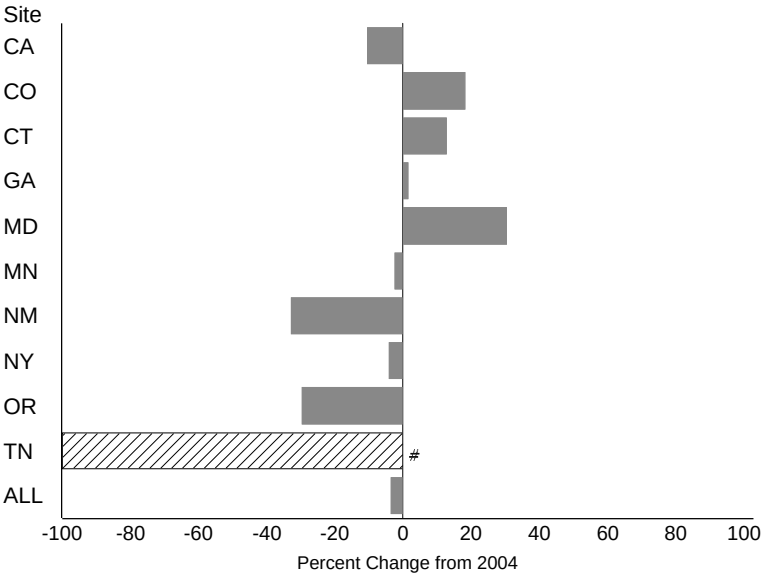
Report date: 29-June-2005

Salmonella, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

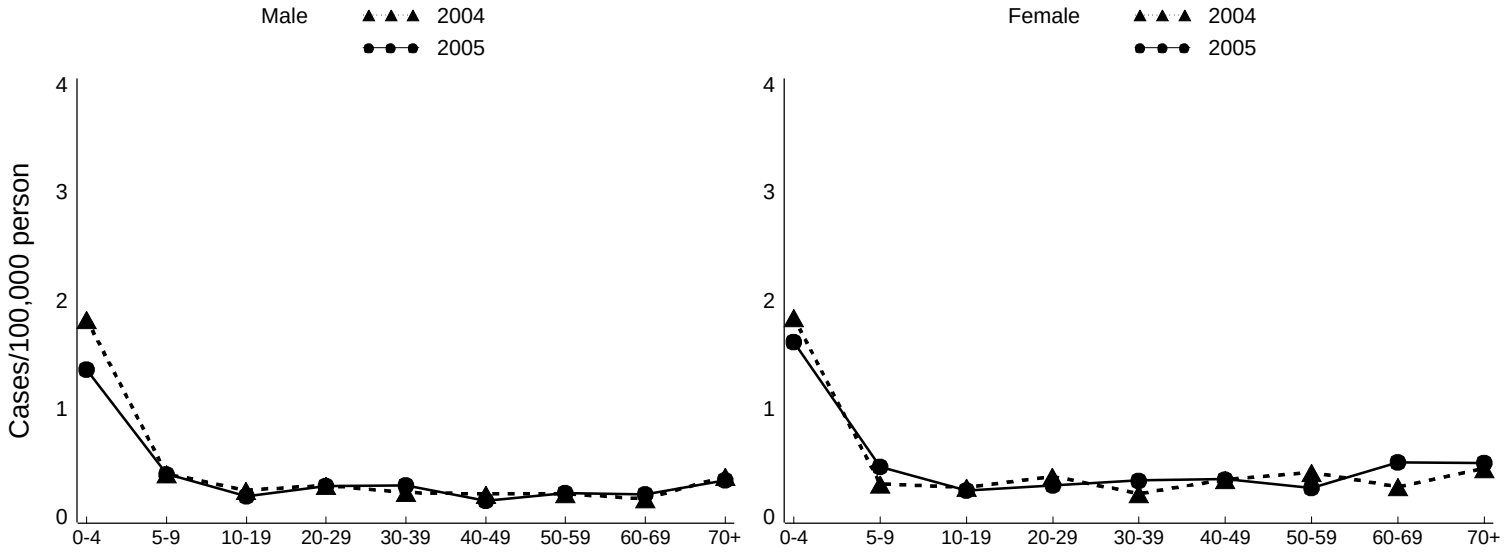


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	69	2.15	77	2.40	83	2.59
CO	52	2.06	44	1.74	42	1.72
CT	62	1.78	55	1.58	57	1.65
GA	208	2.40	205	2.36	202	2.37
MD	103	1.87	79	1.43	86	1.81
MN	83	1.64	85	1.68	88	1.76
NM	33	1.76	49	2.61	49	2.61
NY	71	1.65	74	1.72	51	1.62
OR	57	1.60	81	2.28	66	1.88
TN	0	0.00	133	2.28	89	2.13
ALL	738	1.93	882	2.00	813	2.02

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

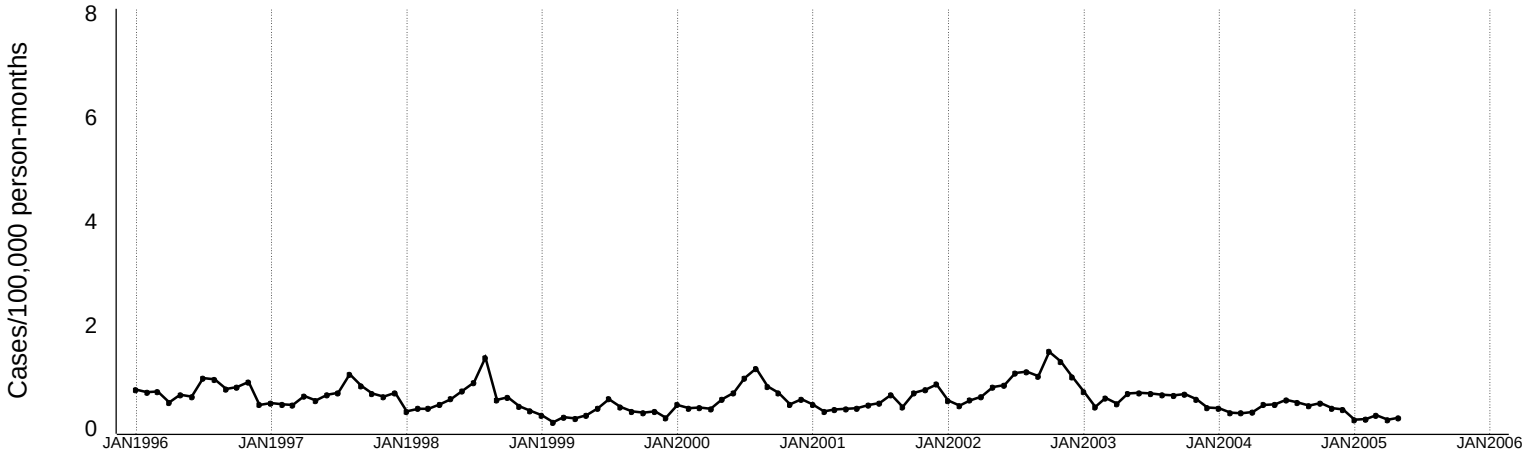


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

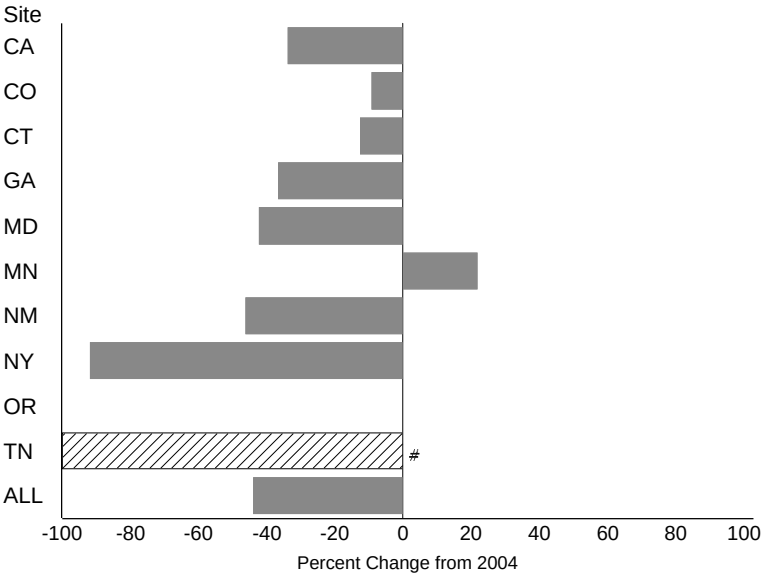
Report date: 29-June-2005

Shigella, all species

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

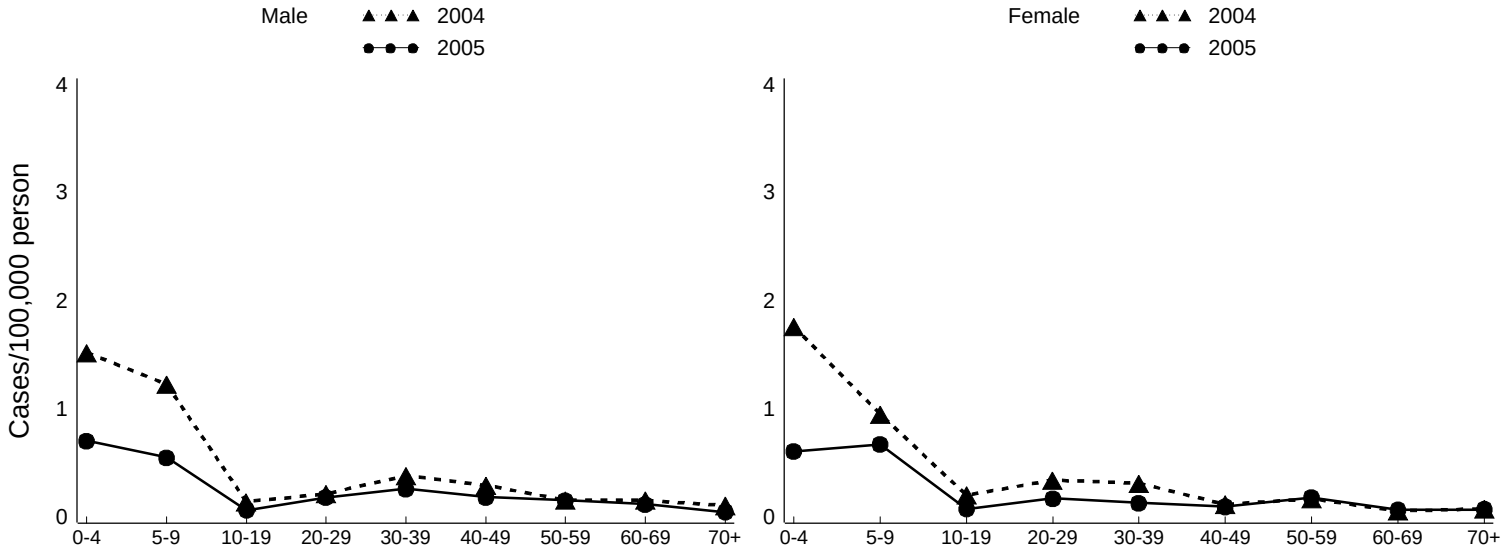


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	63	1.96	95	2.96	131	4.09
CO	20	0.79	22	0.87	33	1.39
CT	21	0.60	24	0.69	24	0.69
GA	172	1.98	271	3.12	315	3.67
MD	22	0.40	38	0.69	116	2.17
MN	28	0.55	23	0.45	107	2.15
NM	28	1.49	52	2.77	52	2.77
NY	13	0.30	156	3.62	45	1.17
OR	25	0.70	25	0.70	37	1.05
TN	0	0.00	99	1.69	96	2.45
ALL	392	1.03	805	1.83	956	2.39

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

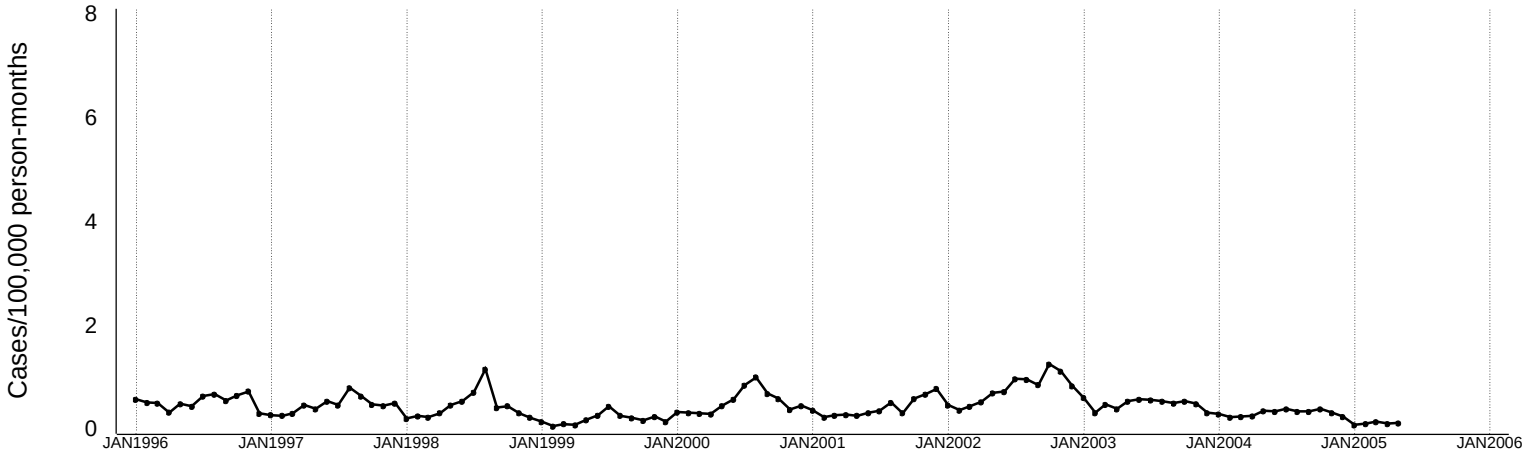


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

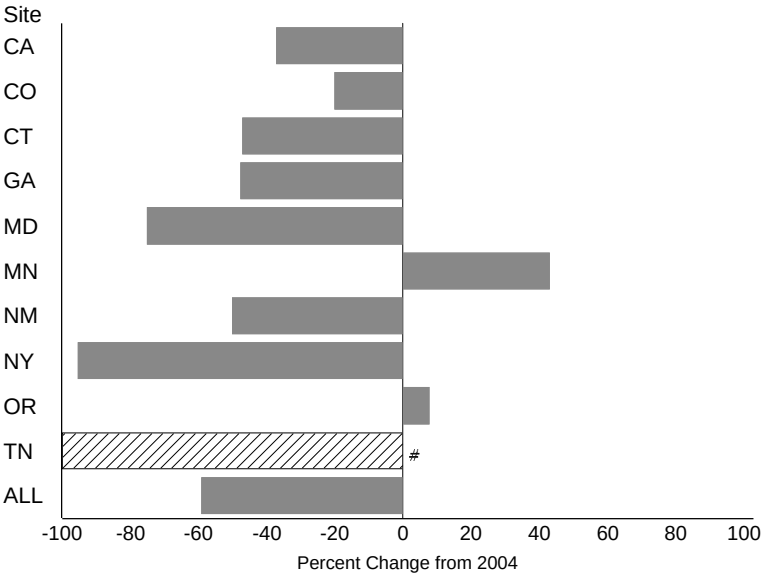
Report date: 29-June-2005

Shigella sonnei

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

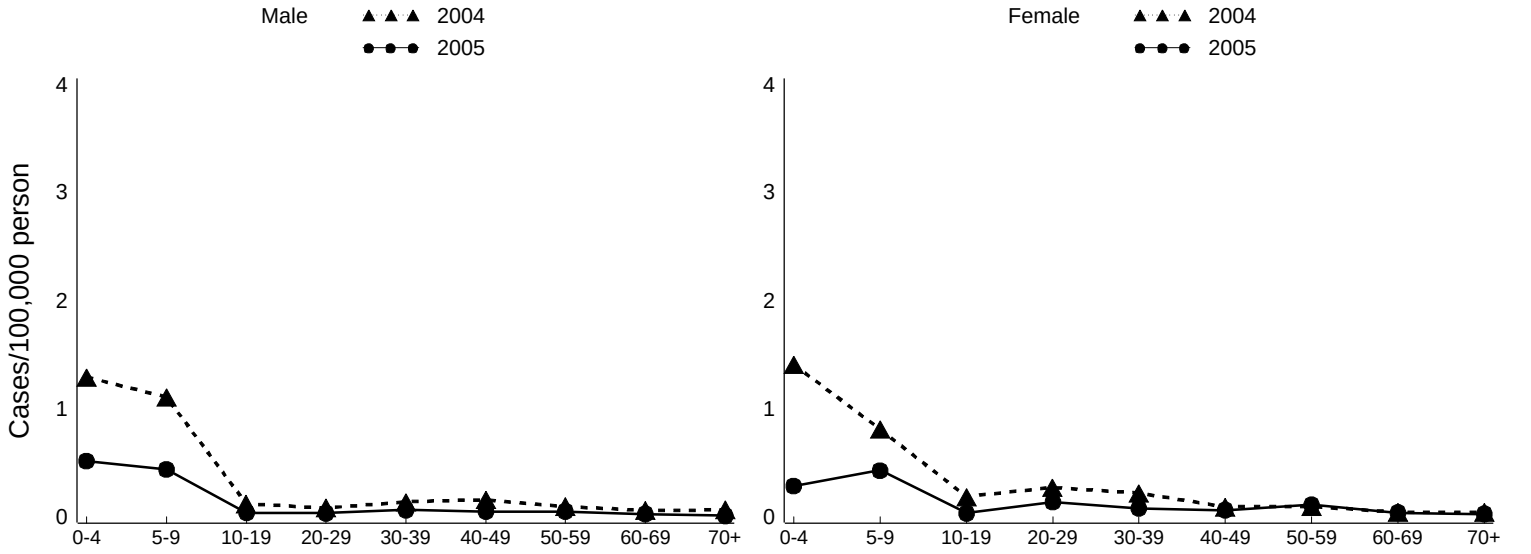


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	22	0.685	35	1.089	77	2.381
CO	8	0.317	10	0.396	22	0.915
CT	9	0.258	17	0.488	15	0.445
GA	106	1.221	202	2.326	252	2.934
MD	6	0.109	24	0.436	102	1.887
MN	20	0.395	14	0.277	94	1.883
NM	19	1.014	38	2.027	38	2.027
NY	7	0.162	150	3.477	39	0.988
OR	14	0.393	13	0.365	19	0.545
TN	0	0.000	91	1.558	81	2.042
ALL	211	0.552	594	1.348	739	1.852

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

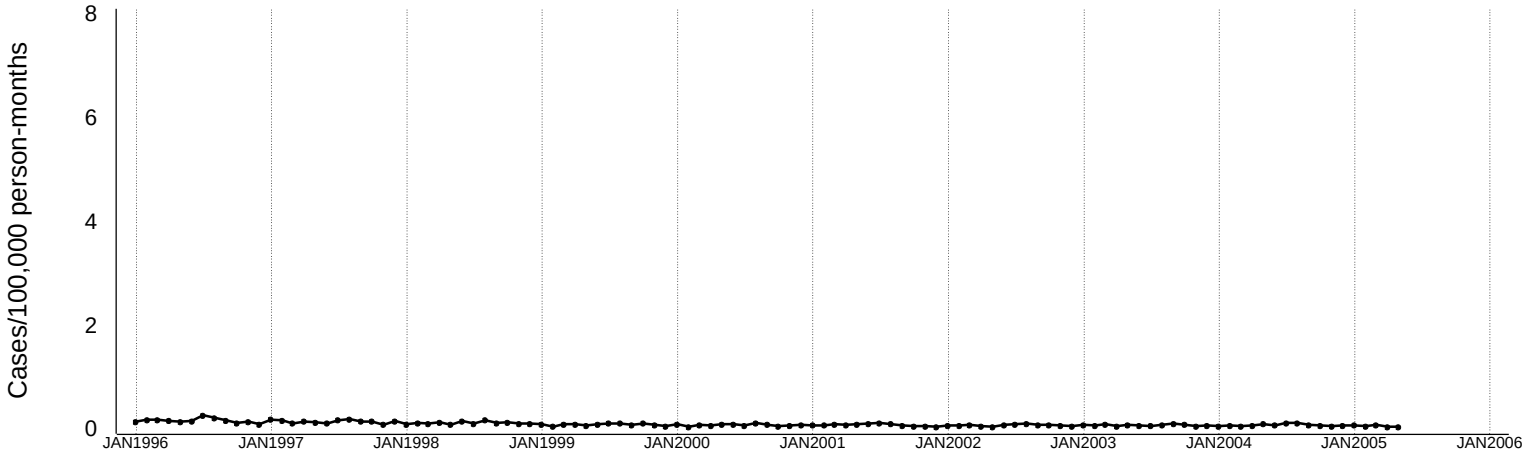


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

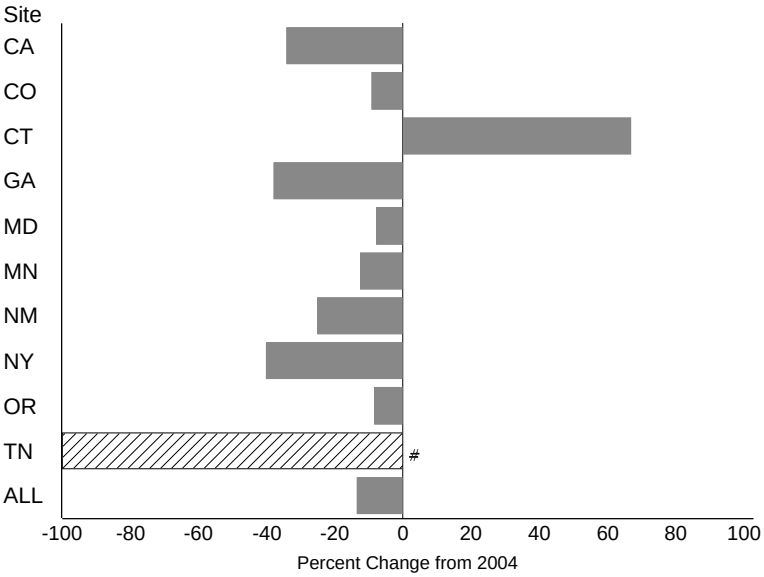
Report date: 29-June-2005

Shigella flexneri

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

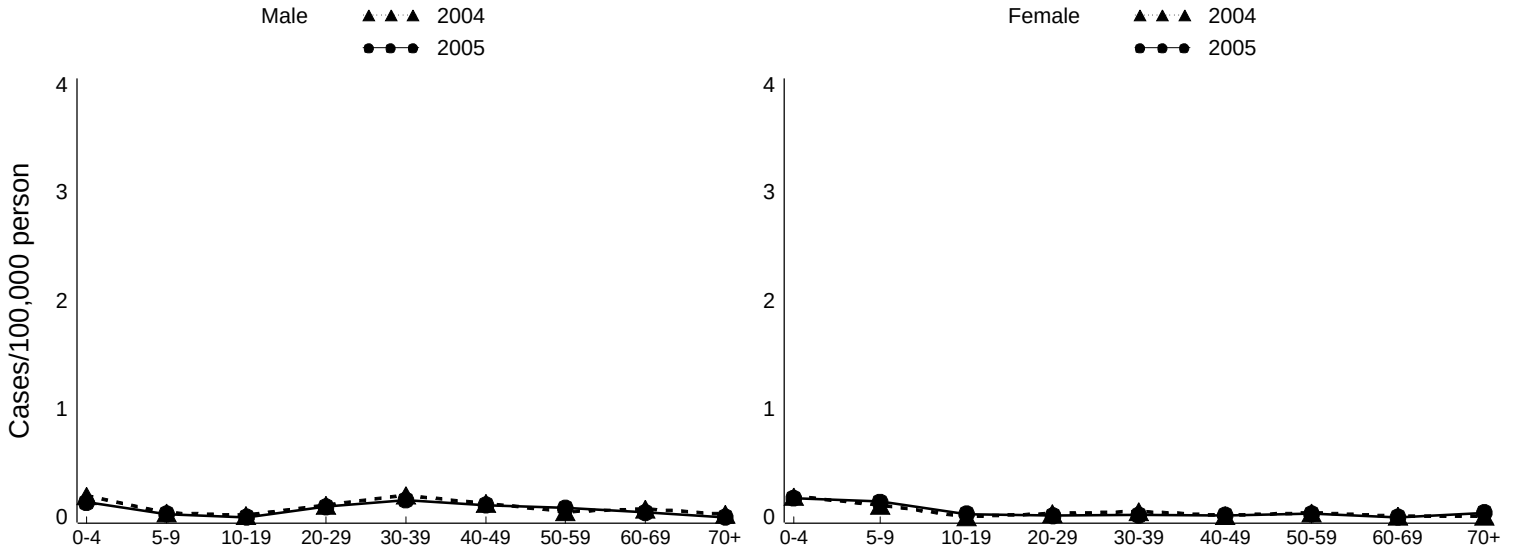


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	33	1.027	50	1.556	43	1.352
CO	10	0.396	11	0.435	10	0.394
CT	10	0.287	6	0.172	7	0.209
GA	23	0.265	37	0.426	31	0.361
MD	12	0.218	13	0.236	11	0.221
MN	7	0.138	8	0.158	12	0.243
NM	9	0.480	12	0.640	12	0.640
NY	3	0.070	5	0.116	5	0.167
OR	11	0.309	12	0.337	16	0.445
TN	0	0.000	3	0.051	5	0.129
ALL	118	0.309	157	0.356	151	0.370

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

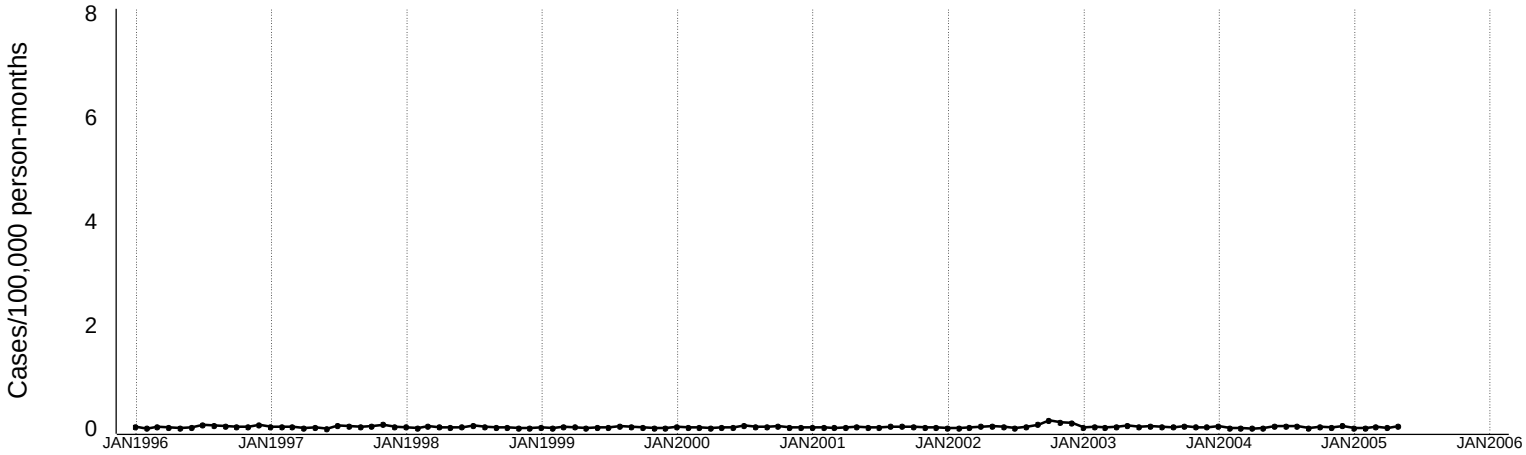


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

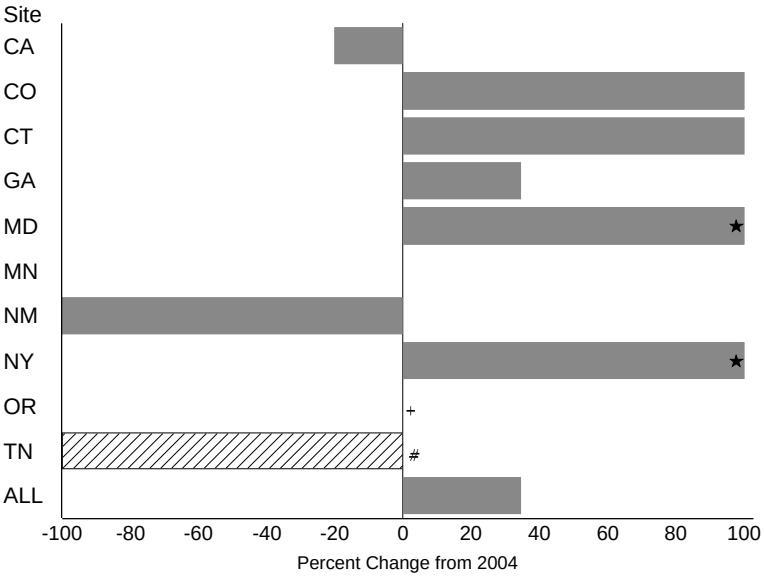
Report date: 29-June-2005

Shigella, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

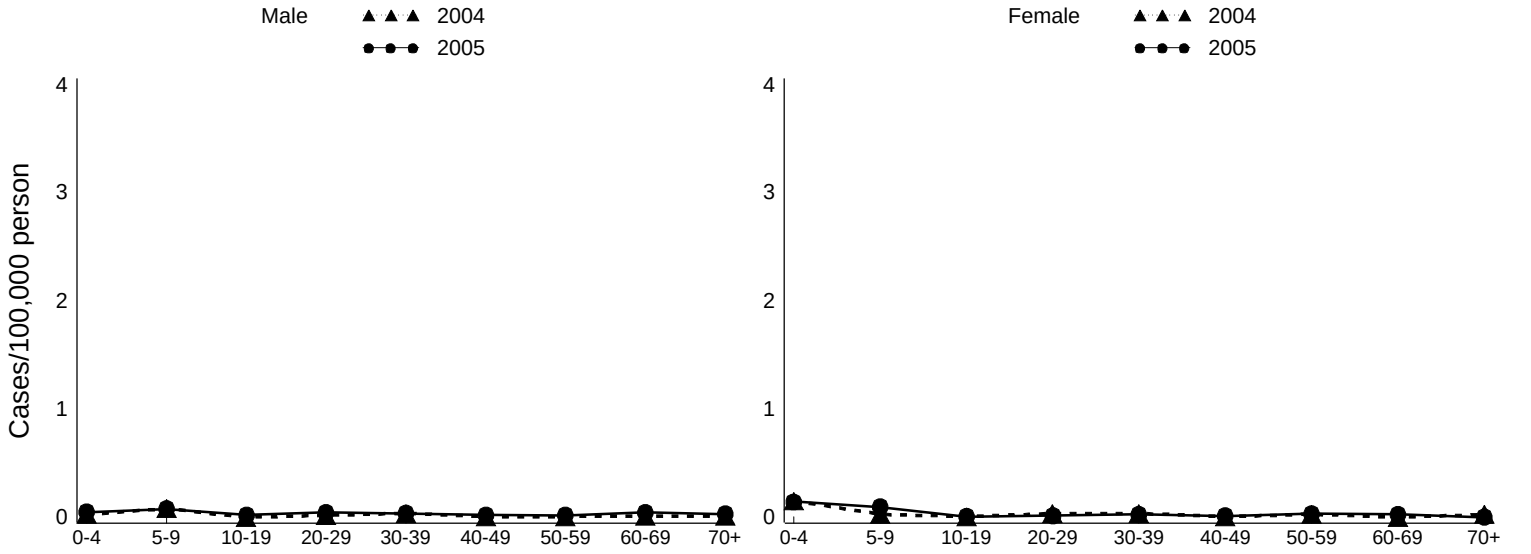


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	8	0.249	10	0.311	11	0.355
CO	2	0.079	1	0.040	2	0.078
CT	2	0.057	1	0.029	1	0.035
GA	43	0.495	32	0.368	32	0.376
MD	4	0.073	1	0.018	3	0.063
MN	1	0.020	1	0.020	1	0.028
NM	0	0.000	2	0.107	2	0.107
NY	3	0.070	1	0.023	1	0.019
OR	0	0.000	0	0.000	2	0.058
TN	0	0.000	5	0.086	11	0.282
ALL	63	0.165	54	0.123	66	0.170

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

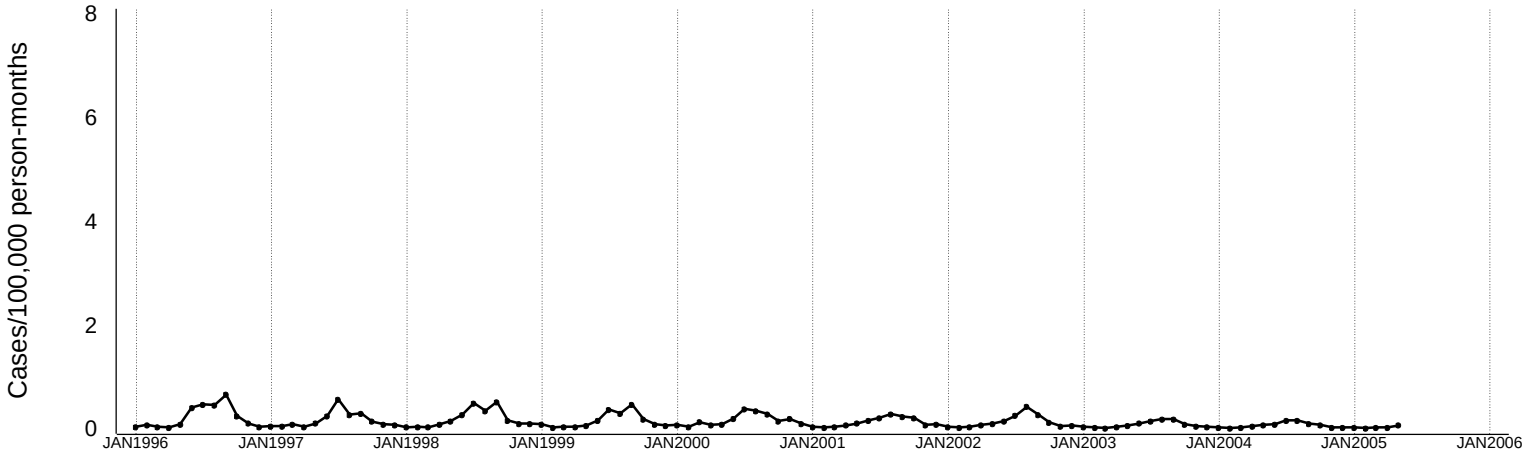


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

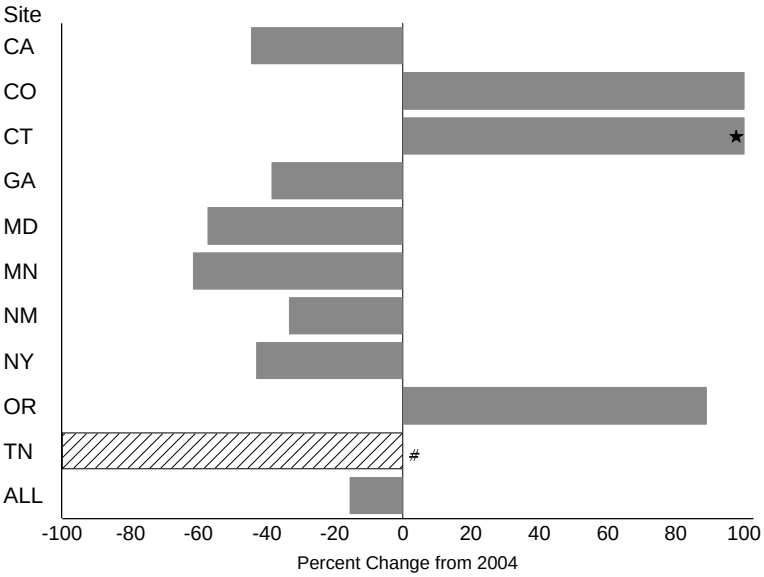
Report date: 29-June-2005

E. coli O157

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

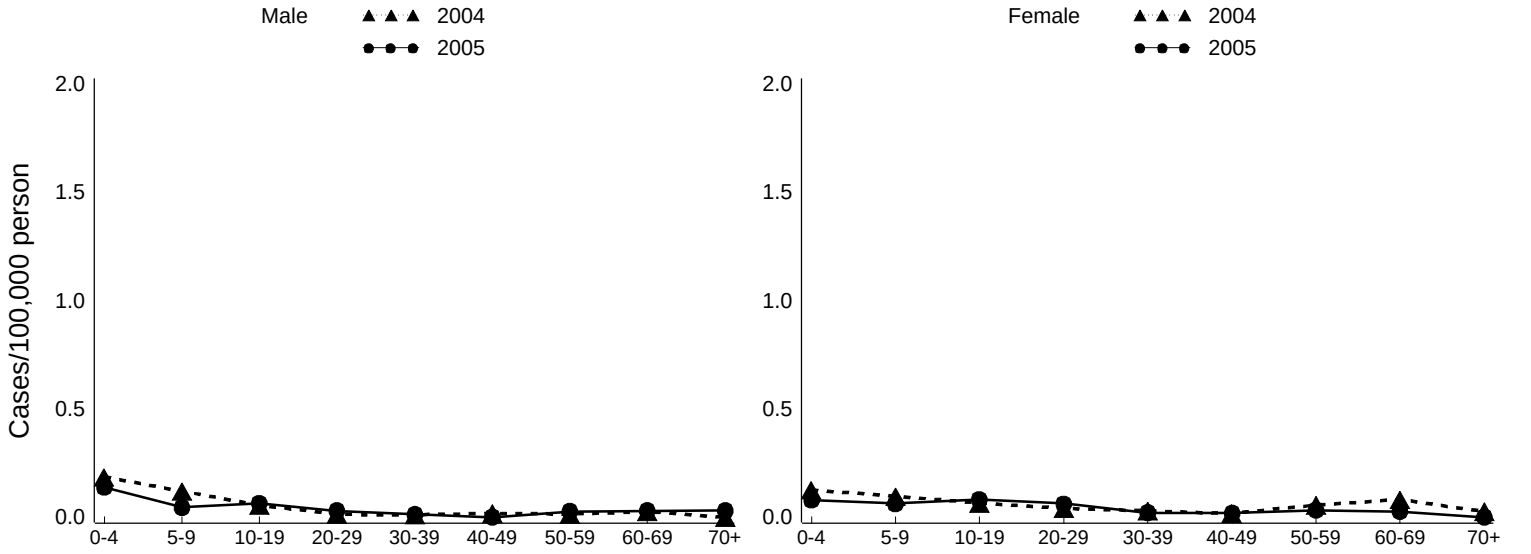


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	5	0.156	9	0.280	6	0.200
CO	10	0.396	5	0.198	8	0.323
CT	11	0.316	5	0.144	13	0.389
GA	8	0.092	13	0.150	11	0.127
MD	3	0.054	7	0.127	4	0.089
MN	10	0.198	26	0.514	30	0.608
NM	2	0.107	3	0.160	3	0.160
NY	8	0.185	14	0.325	13	0.483
OR	17	0.478	9	0.253	15	0.423
TN	0	0.000	10	0.171	9	0.241
ALL	74	0.194	101	0.229	113	0.296

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

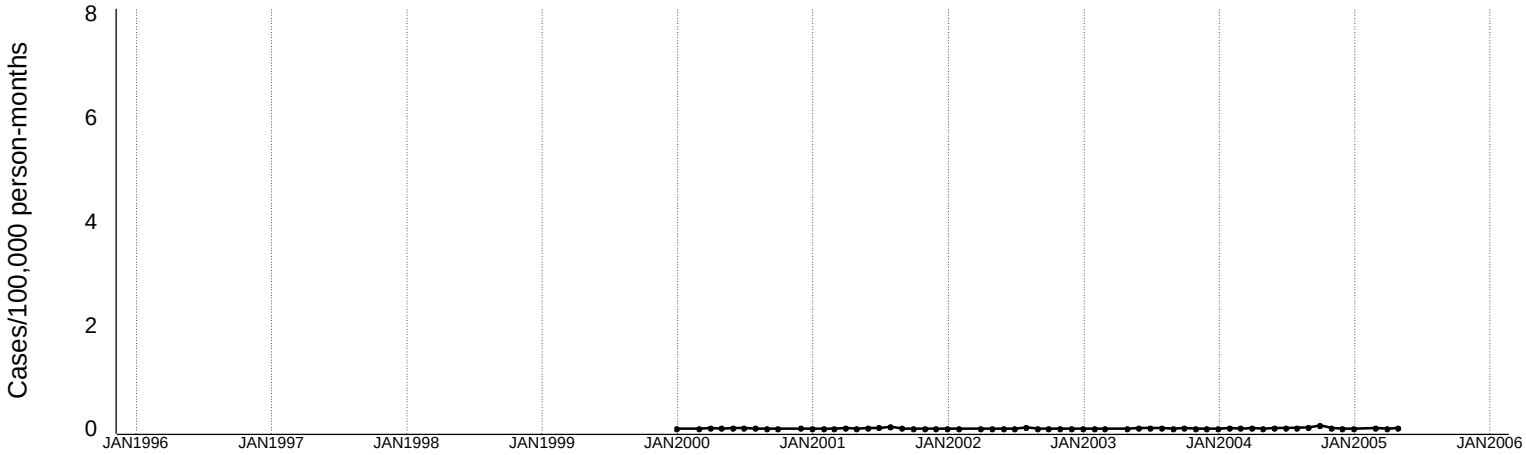


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

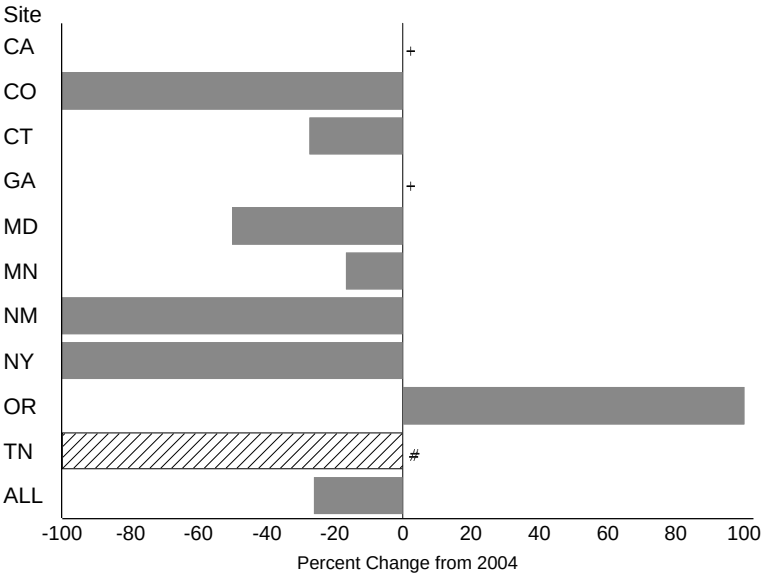
Report date: 29-June-2005

STEC Non-O157

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

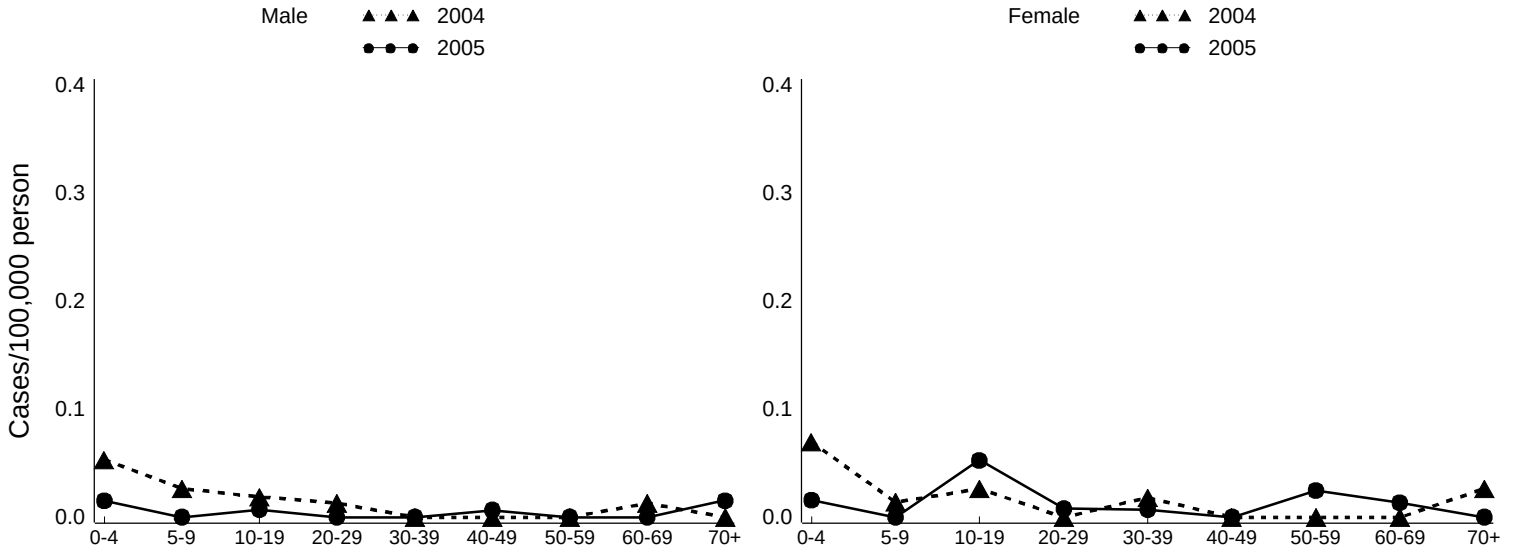


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	0	0.000	0	0.000	0	0.000
CO	0	0.000	1	0.040	1	0.021
CT	8	0.230	11	0.316	6	0.179
GA	1	0.012	0	0.000	1	0.012
MD	2	0.036	4	0.073	1	0.022
MN	5	0.099	6	0.119	4	0.080
NM	0	0.000	3	0.160	3	0.160
NY	0	0.000	1	0.023	0	0.010
OR	2	0.056	1	0.028	1	0.028
TN	0	0.000	1	0.017	0	0.003
ALL	18	0.047	28	0.064	17	0.039

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

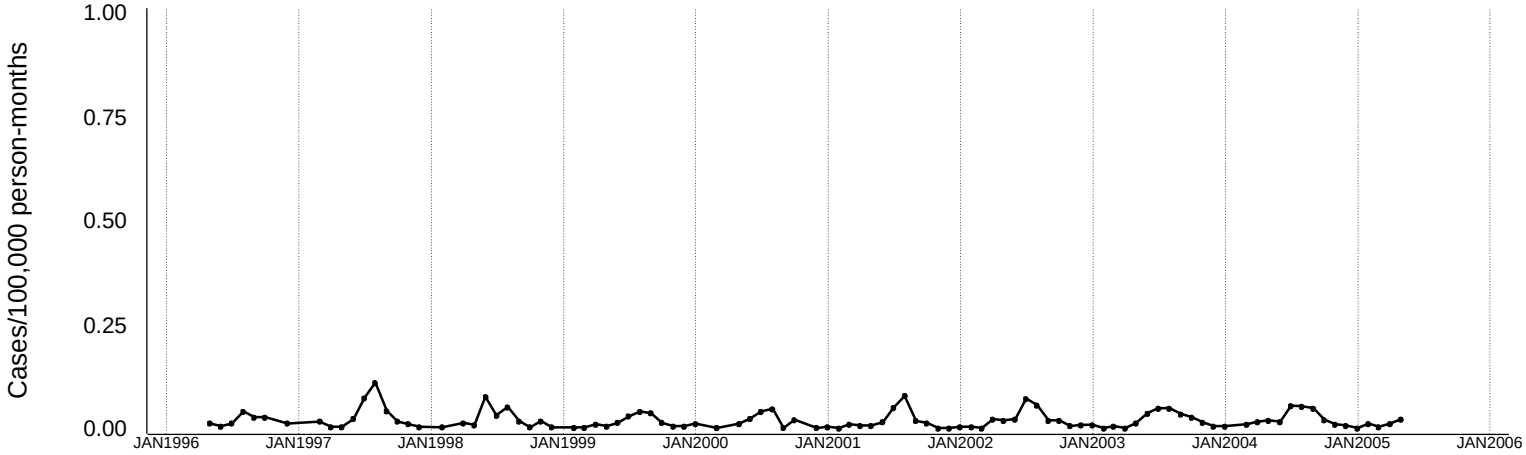


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

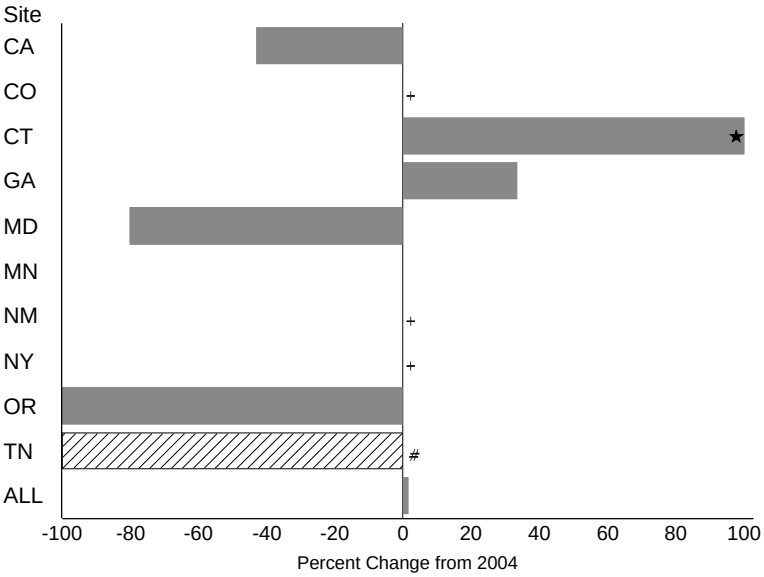
Report date: 29-June-2005

Vibrio, all species

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

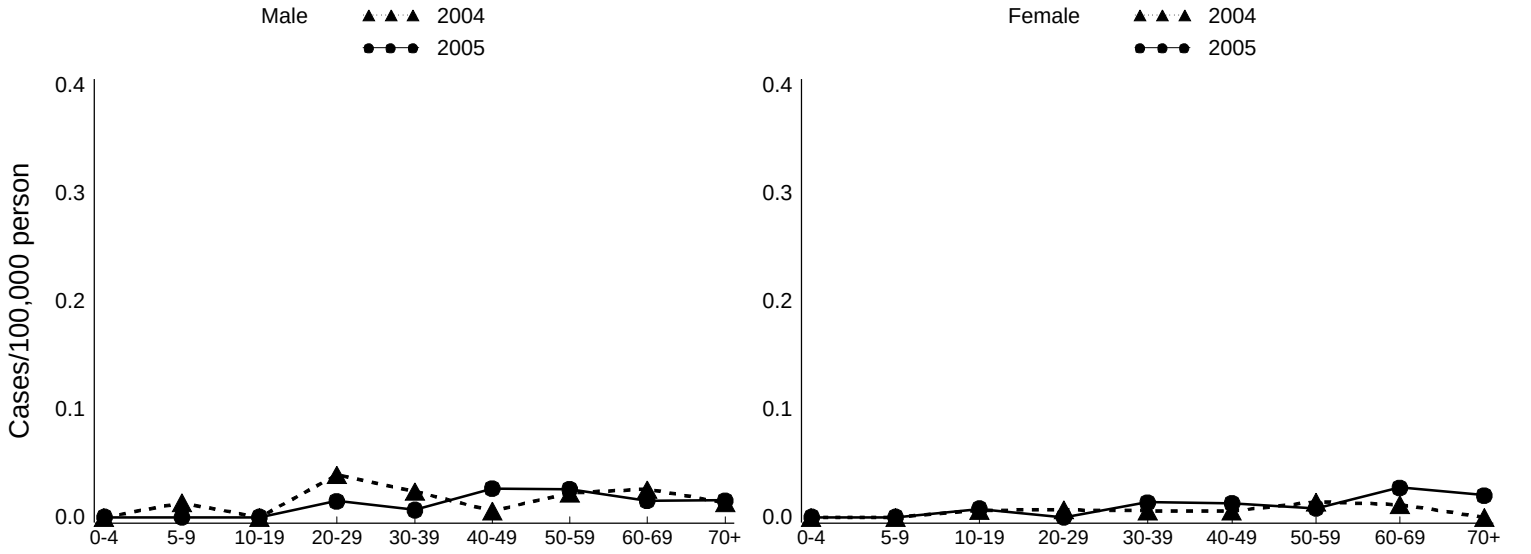


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	4	0.124	7	0.218	3	0.093
CO	2	0.079	0	0.000	1	0.022
CT	5	0.144	2	0.057	2	0.052
GA	8	0.092	6	0.069	4	0.042
MD	1	0.018	5	0.091	3	0.063
MN	1	0.020	1	0.020	1	0.028
NM	0	0.000	0	0.000	0	0.000
NY	1	0.023	0	0.000	1	0.022
OR	0	0.000	1	0.028	1	0.034
TN	0	0.000	3	0.051	2	0.042
ALL	22	0.058	25	0.057	17	0.043

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

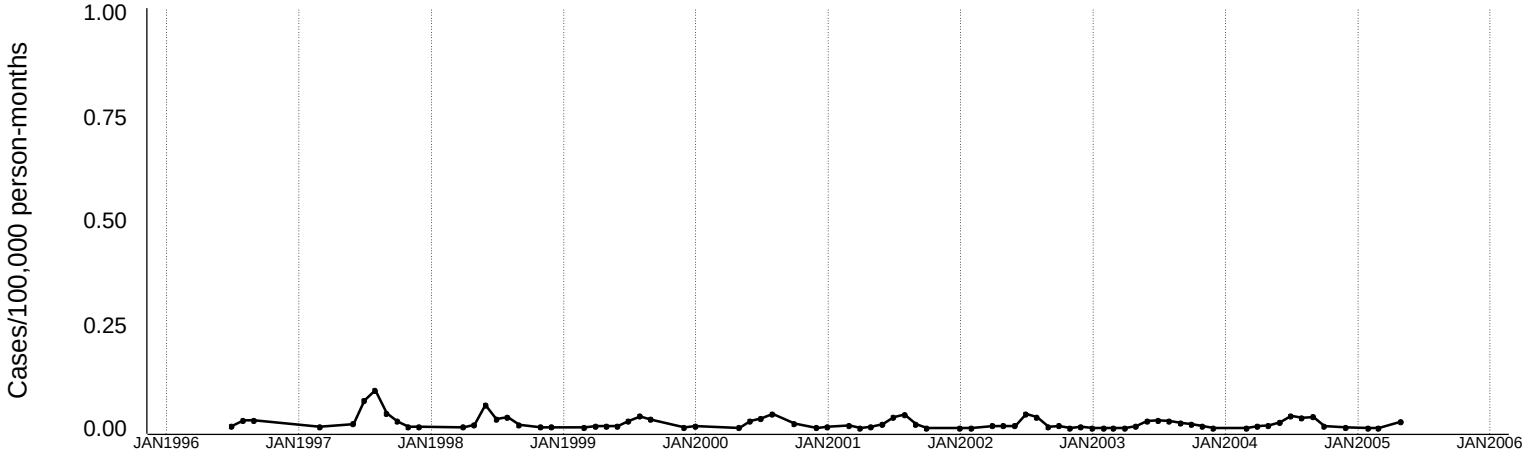


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

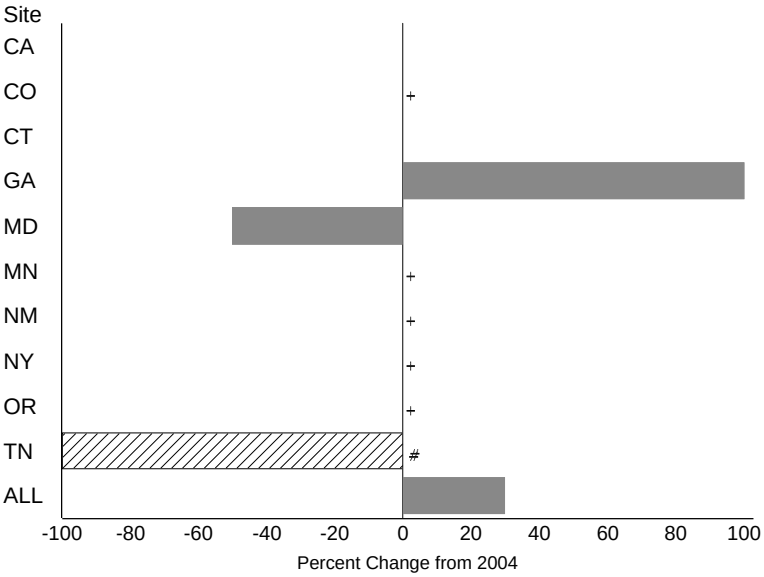
Report date: 29-June-2005

Vibrio parahaemolyticus

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

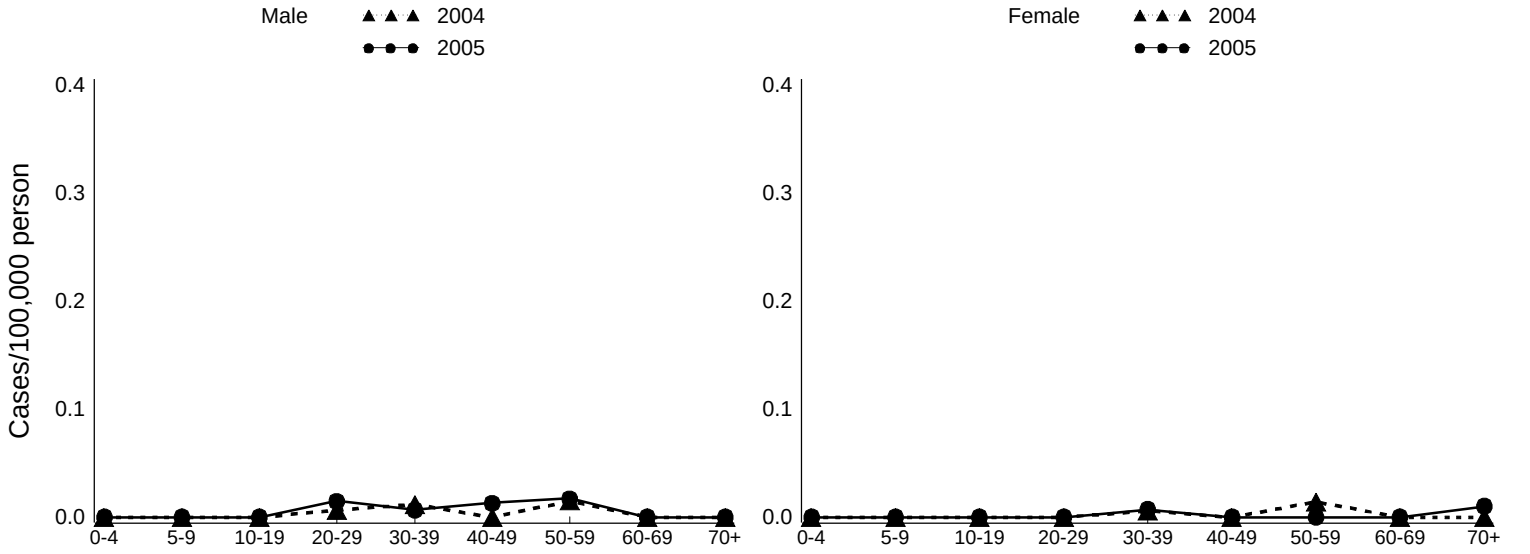


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	3	0.093	3	0.093	2	0.056
CO	2	0.079	0	0.000	0	0.000
CT	1	0.029	1	0.029	1	0.023
GA	2	0.023	1	0.012	1	0.007
MD	1	0.018	2	0.036	2	0.037
MN	0	0.000	0	0.000	1	0.012
NM	0	0.000	0	0.000	0	0.000
NY	0	0.000	0	0.000	0	0.005
OR	0	0.000	0	0.000	0	0.011
TN	0	0.000	1	0.017	1	0.014
ALL	9	0.024	8	0.018	7	0.018

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

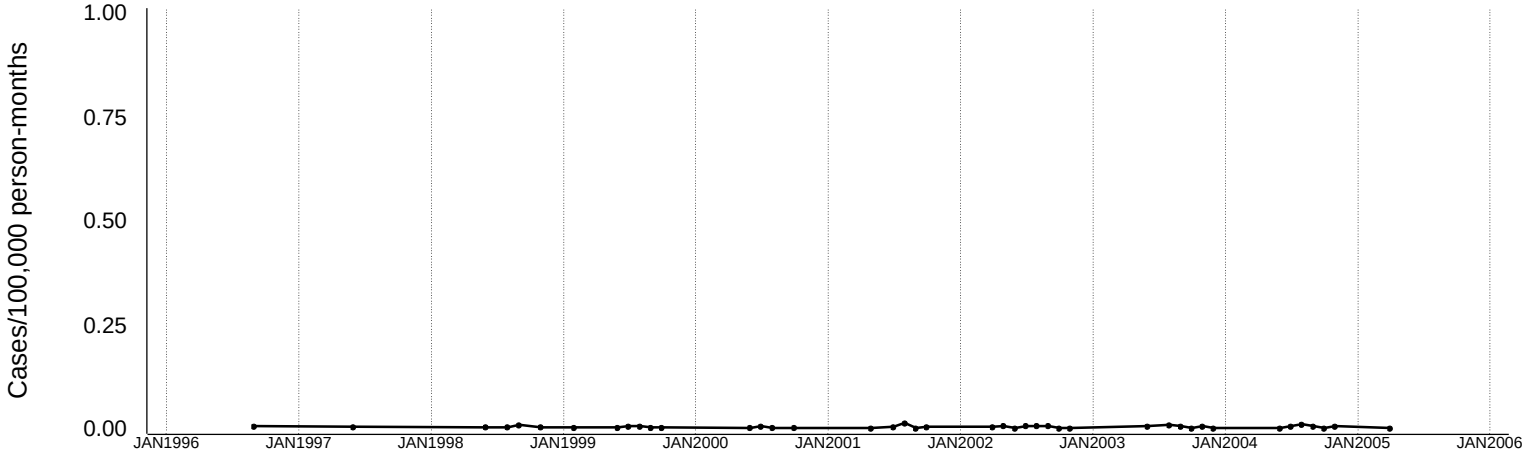


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

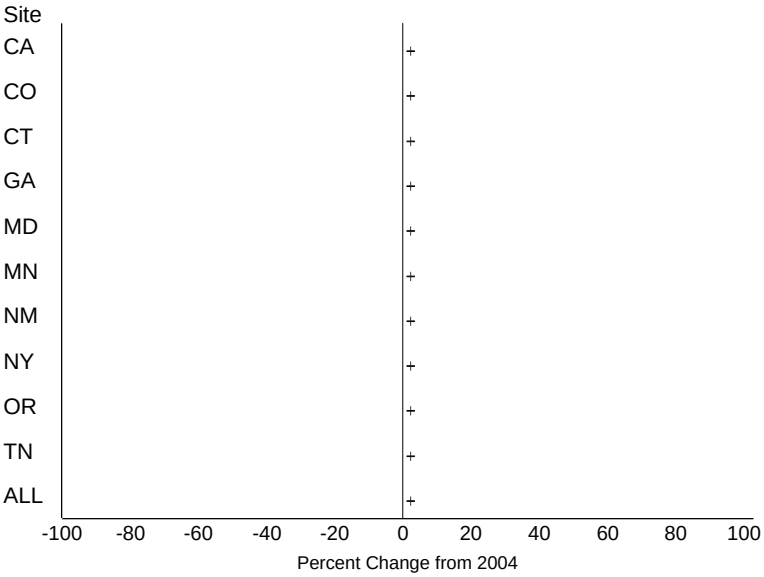
Report date: 29-June-2005

Vibrio vulnificus

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

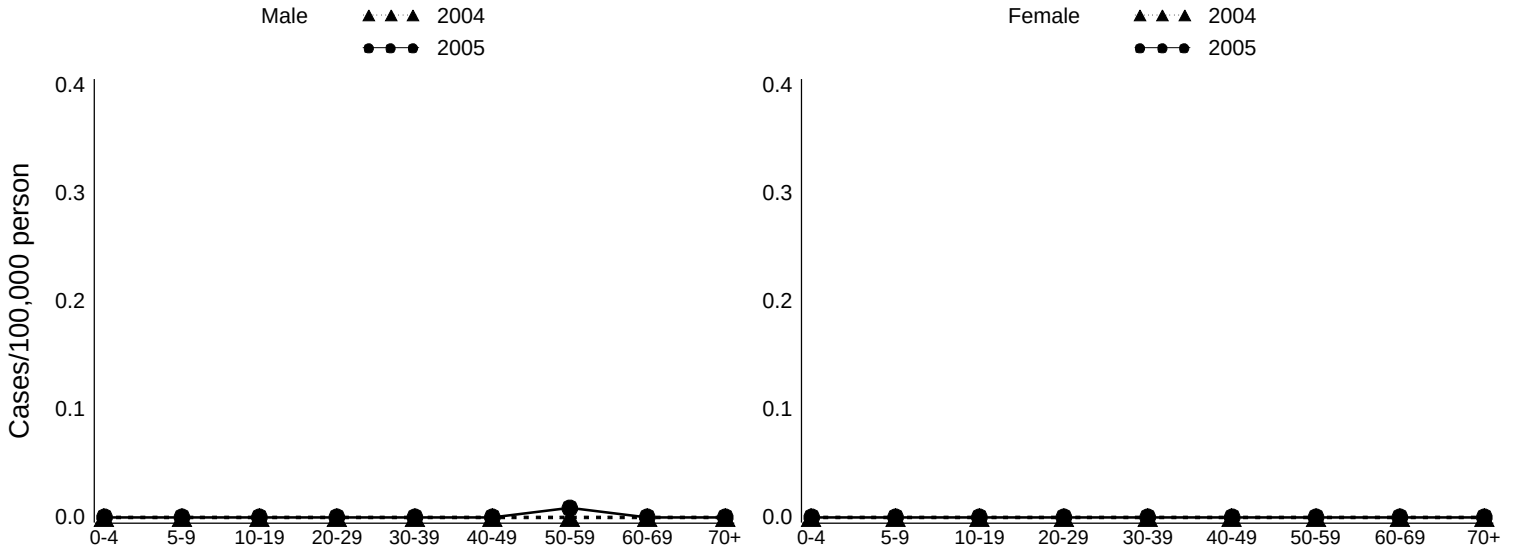


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		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	0.000
CT	0	0.000	0	0.000	0	0.000
GA	1	0.012	0	0.000	0	0.005
MD	0	0.000	0	0.000	0	0.004
MN	0	0.000	0	0.000	0	0.000
NM	0	0.000	0	0.000	0	0.000
NY	0	0.000	0	0.000	0	0.000
OR	0	0.000	0	0.000	0	0.006
TN	0	0.000	0	0.000	0	0.014
ALL	1	0.003	0	0.000	1	0.003

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

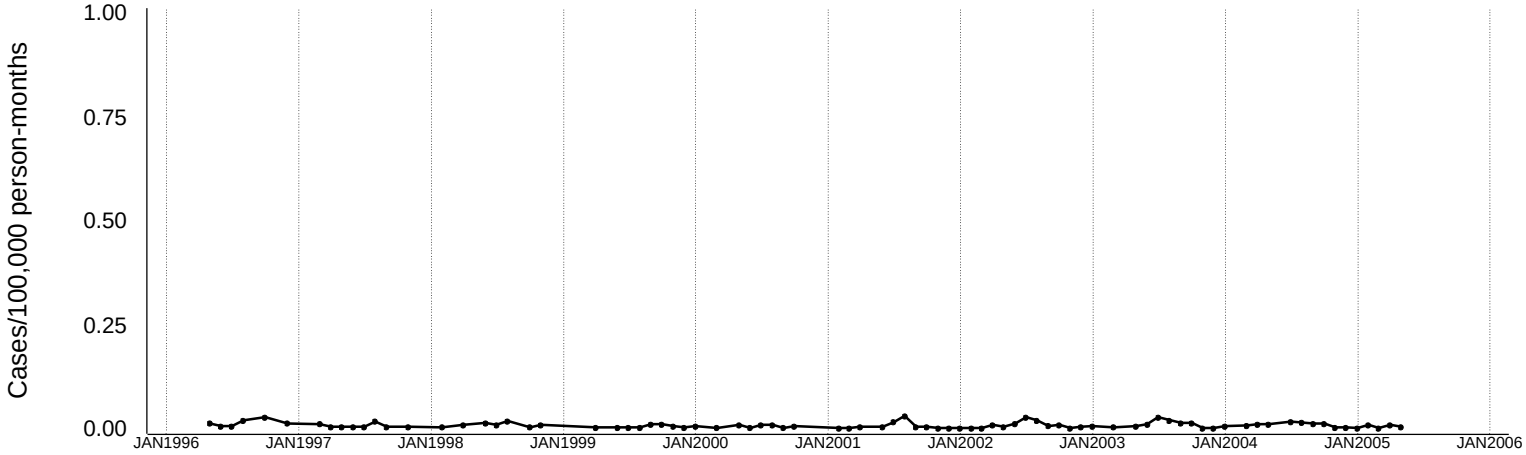


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

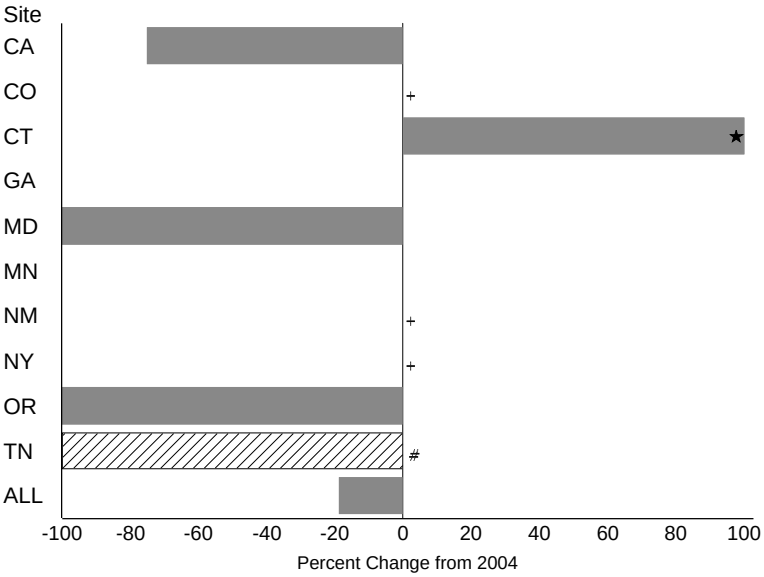
Report date: 29-June-2005

Vibrio, all others

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

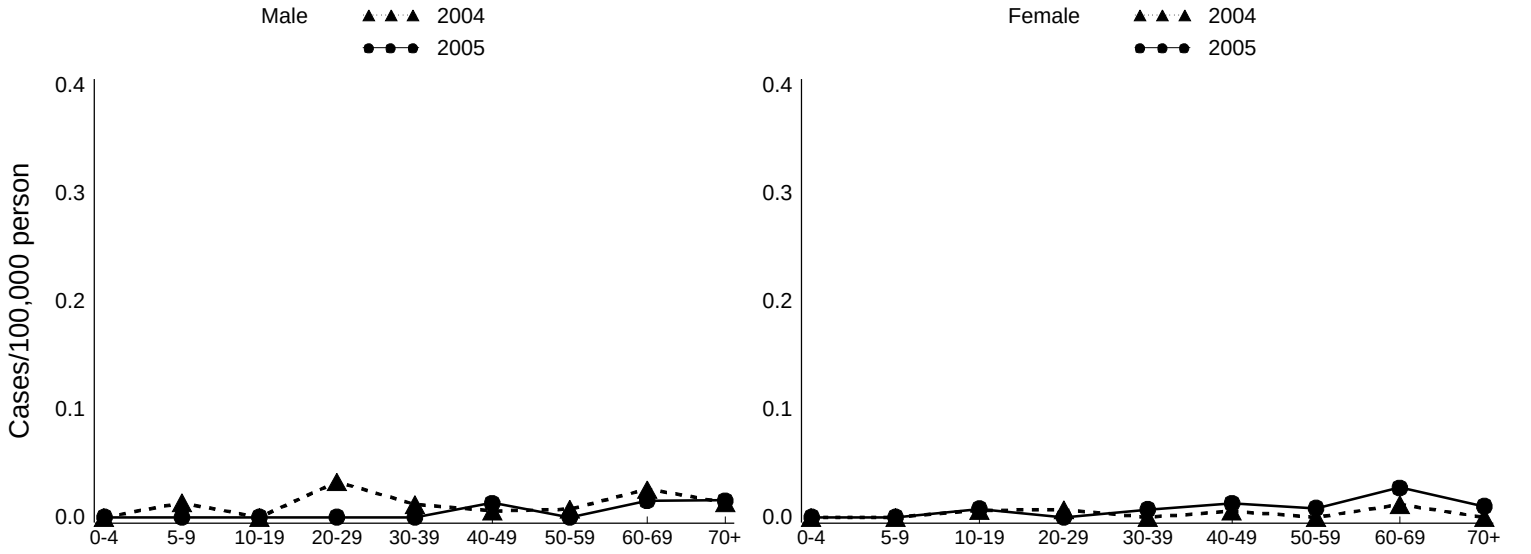


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.031	4	0.124	1	0.037
CO	0	0.000	0	0.000	1	0.022
CT	4	0.115	1	0.029	1	0.029
GA	5	0.058	5	0.058	3	0.030
MD	0	0.000	3	0.054	1	0.022
MN	1	0.020	1	0.020	1	0.016
NM	0	0.000	0	0.000	0	0.000
NY	1	0.023	0	0.000	1	0.017
OR	0	0.000	1	0.028	1	0.017
TN	0	0.000	2	0.034	1	0.014
ALL	12	0.031	17	0.039	9	0.022

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

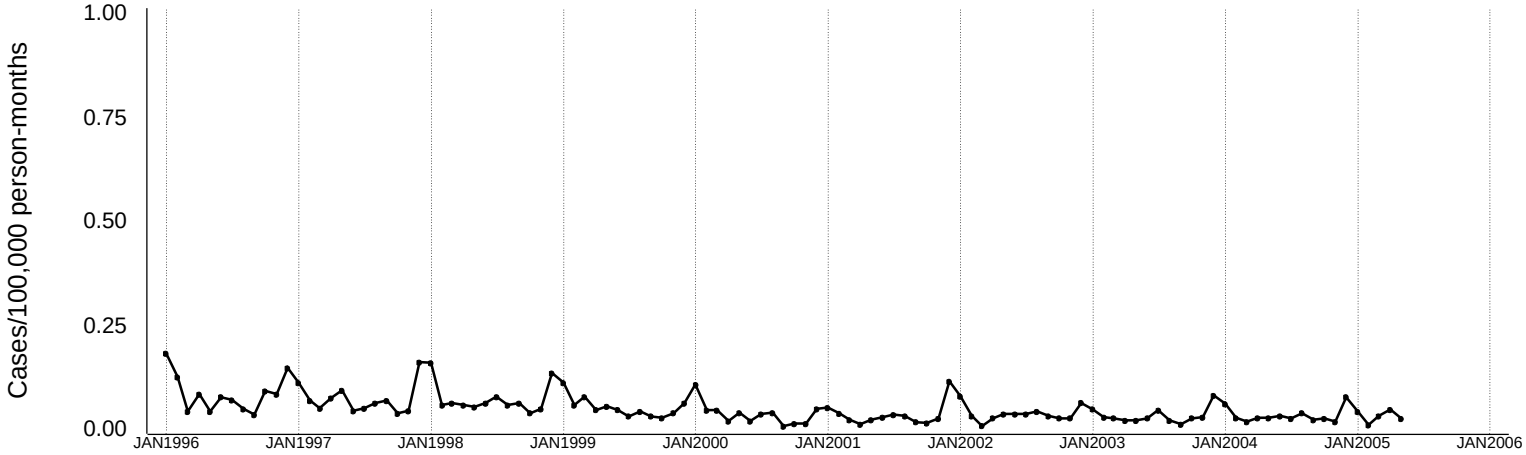


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

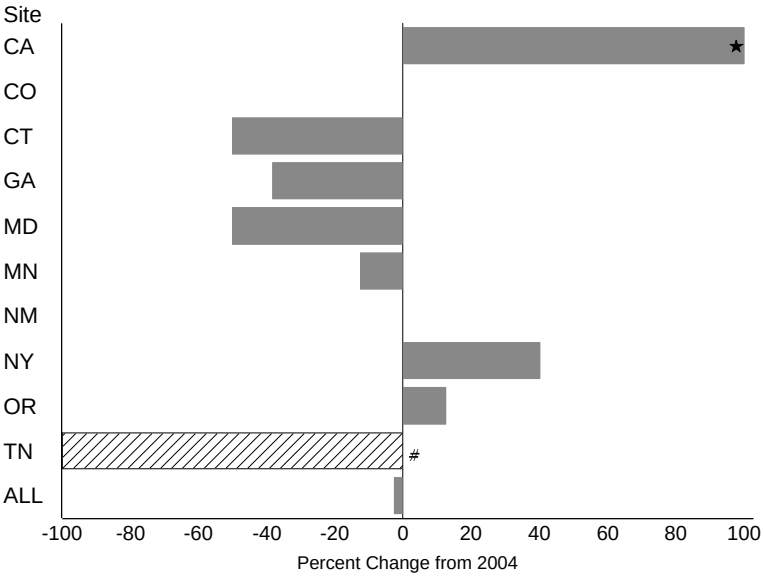
Report date: 29-June-2005

Yersinia

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

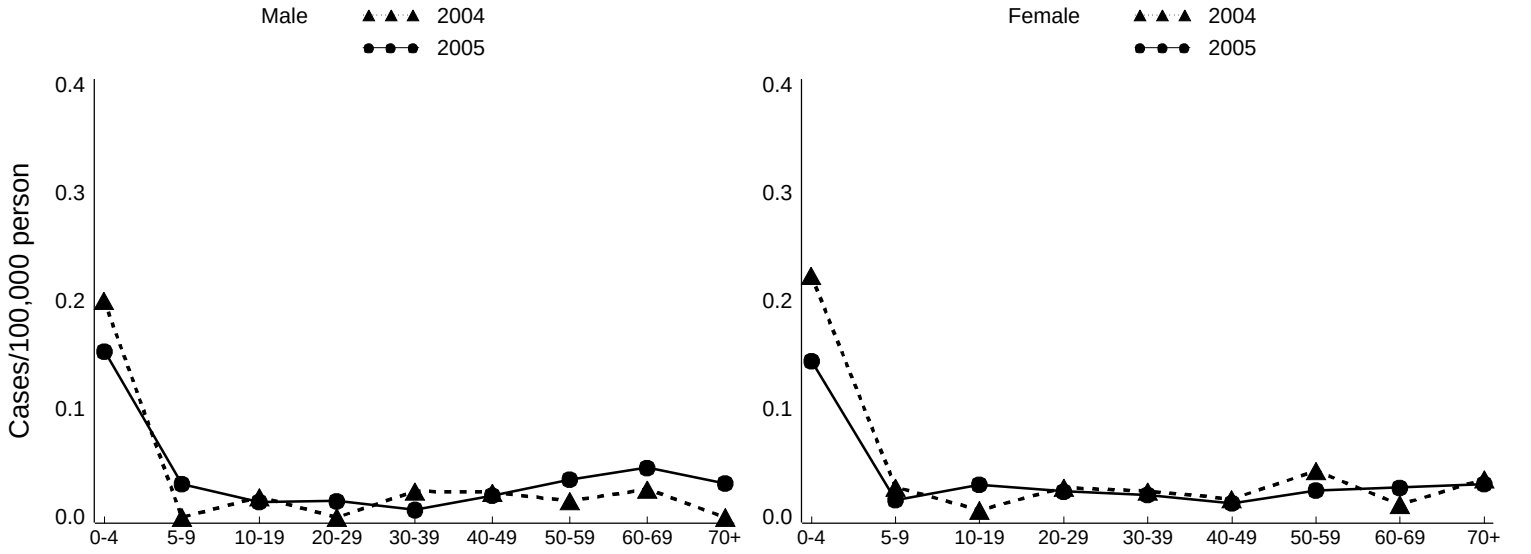


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	16	0.498	5	0.156	9	0.281
CO	2	0.079	2	0.079	3	0.104
CT	4	0.115	8	0.230	6	0.168
GA	13	0.150	21	0.242	21	0.243
MD	1	0.018	2	0.036	4	0.107
MN	7	0.138	8	0.158	6	0.120
NM	1	0.053	1	0.053	1	0.053
NY	7	0.162	5	0.116	4	0.130
OR	9	0.253	8	0.225	5	0.148
TN	0	0.000	11	0.188	9	0.222
ALL	60	0.157	71	0.161	68	0.179

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

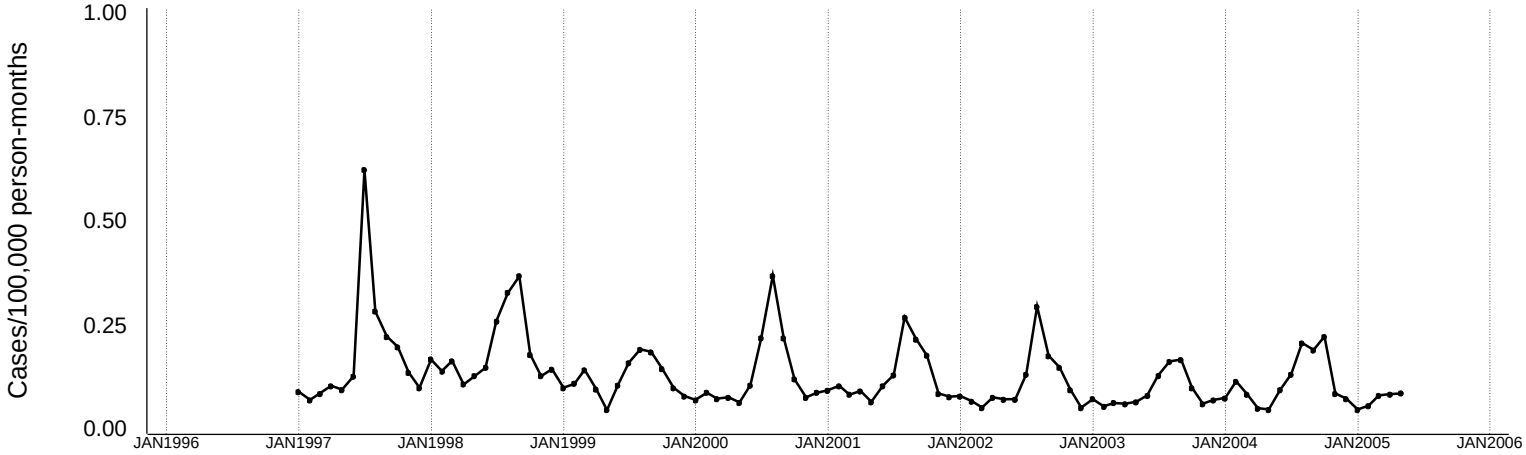


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

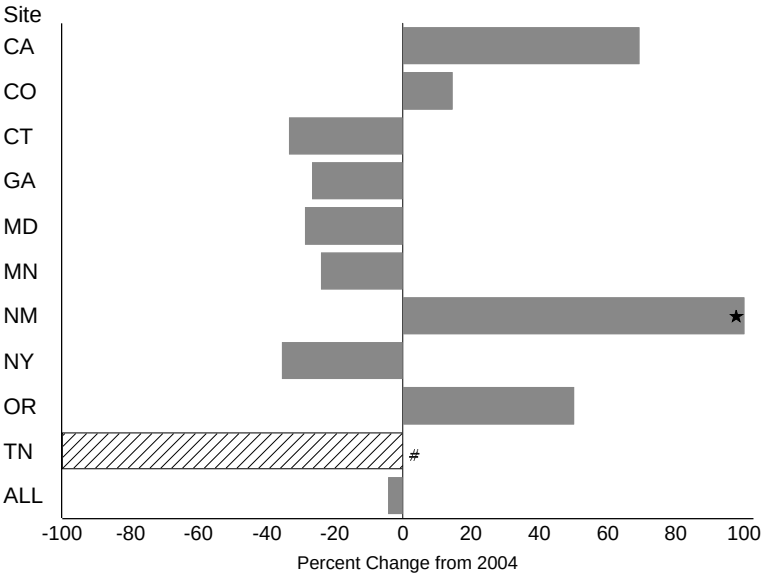
Report date: 29-June-2005

Cryptosporidium

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

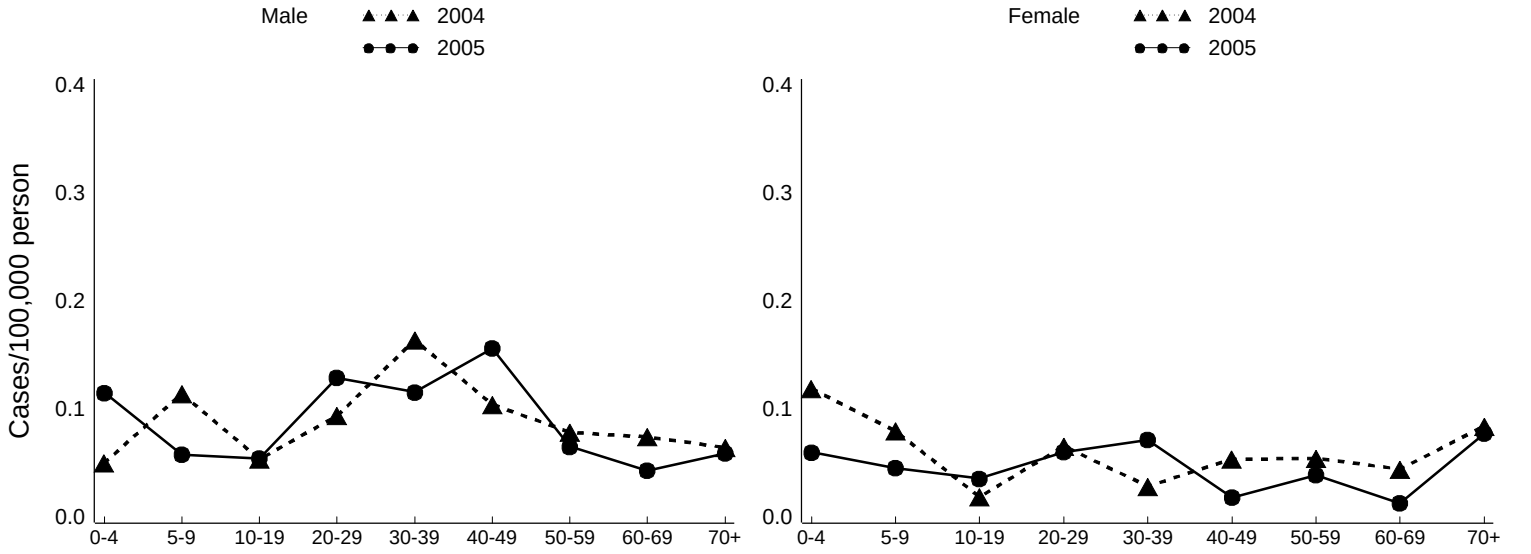


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	22	0.394	13	0.233	21	0.343
CO	8	0.317	7	0.277	6	0.240
CT	6	0.172	9	0.258	5	0.139
GA	36	0.415	49	0.564	46	0.544
MD	5	0.091	7	0.127	8	0.176
MN	35	0.692	46	0.909	36	0.713
NM	6	0.320	2	0.107	2	0.107
NY	11	0.255	17	0.394	7	0.210
OR	15	0.421	10	0.281	12	0.347
TN	0	0.000	12	0.205	10	0.229
ALL	144	0.355	172	0.370	152	0.369

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex

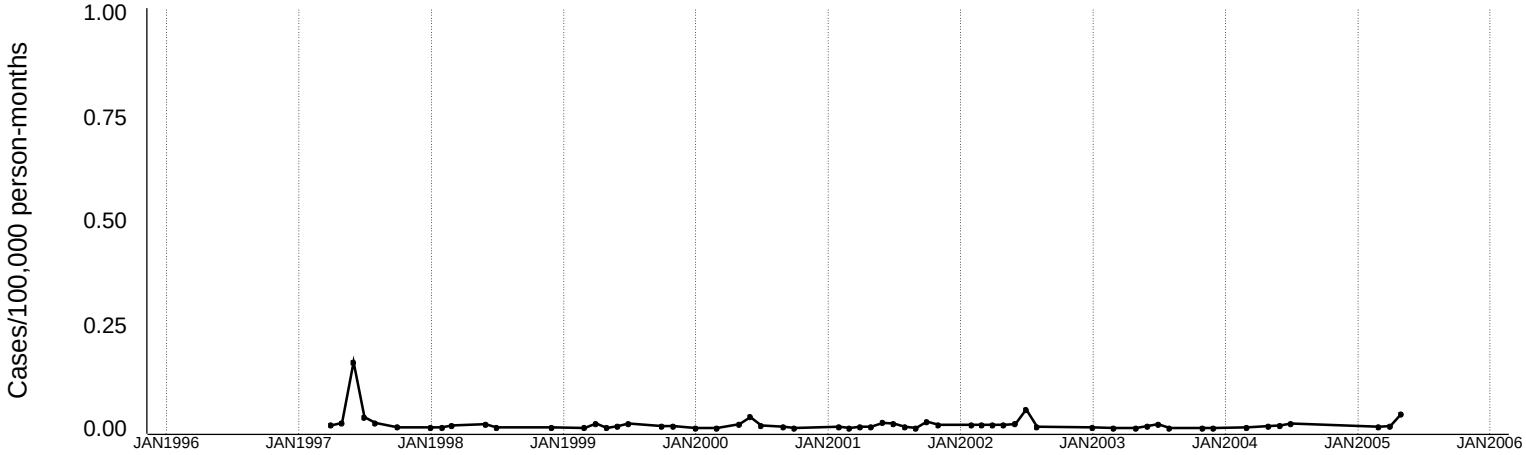


Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

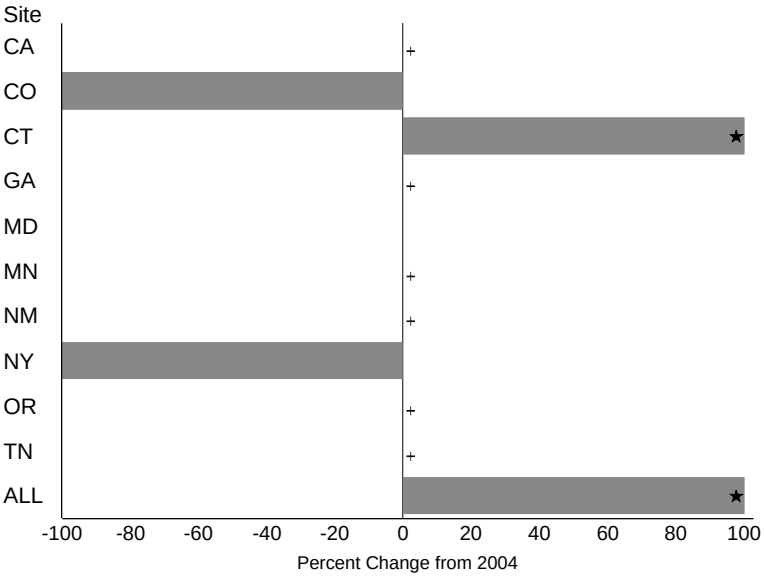
Report date: 29-June-2005

Cyclospora

Incidence rate of culture-confirmed infections, FoodNet sites, January 1996-May 2005



Calendar year through May: Percent change in rates between 2004 and 2005 by site

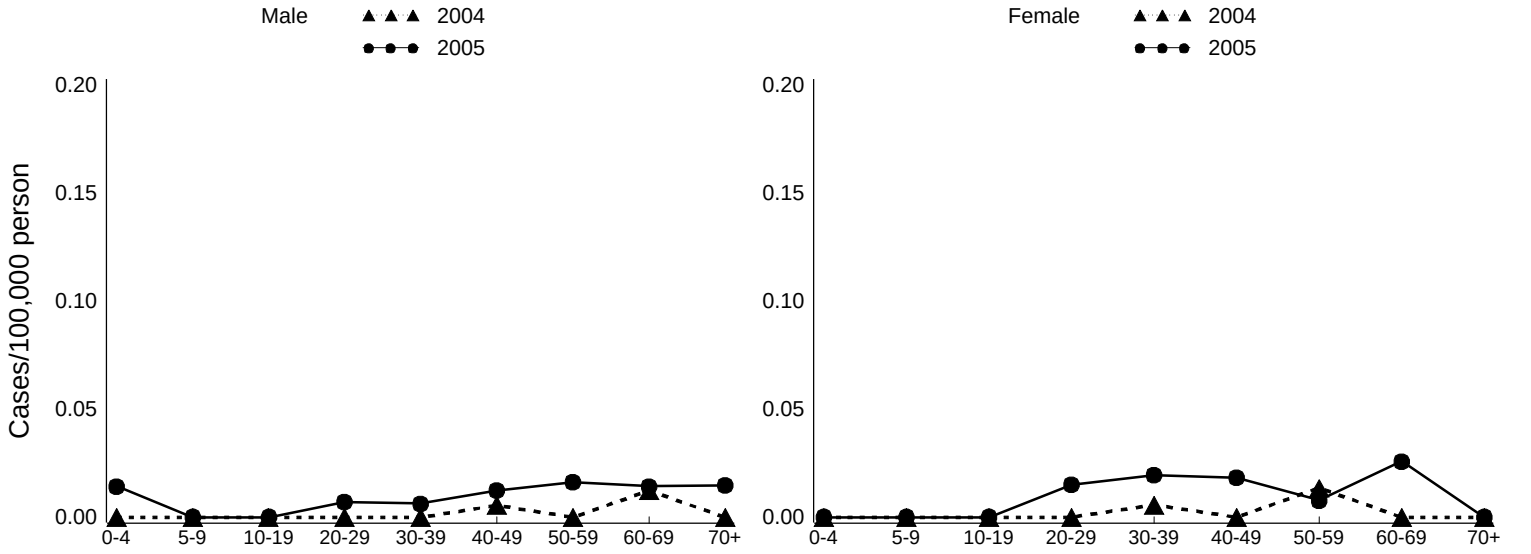


*Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
#2005 TN data are not available

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.018	0	0.000	1	0.022
CO	0	0.000	1	0.040	0	0.010
CT	9	0.258	1	0.029	1	0.040
GA	7	0.081	0	0.000	4	0.042
MD	2	0.036	2	0.036	0	0.007
MN	0	0.000	0	0.000	0	0.000
NM	1	0.053	0	0.000	0	0.000
NY	0	0.000	1	0.023	0	0.014
OR	0	0.000	0	0.000	0	0.000
TN	0	0.000	0	0.000	0	0.007
ALL	20	0.049	5	0.011	8	0.019

*year 2000-2004 except for CO (2001-2004), NM (2004-)
^cases/100,000 person

Calendar year through May: Rates for 2004 and 2005 by age group and sex



Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data are not available.

Report date: 29-June-2005

Table 1. Summary of Foodborne Outbreaks with ≥ 2 ill, by FoodNet Site, 2005

***Data accessed July 1st, 2005**
***Preliminary data**

State	Outbreaks reported	2005 population	Rate/1,000,000 population	Median Number Ill	Known etiology No. (%)	Etiology (confirmed)	Known vehicle No. (%)	Restaurant-associated No. (%)
CA	4	3,228,717	1.24	20.5	0 (0)		1 (25)	3 (75)
CO	2	2,507,484	0.80	12	0 (-)		0 (-)	2 (100)
CT	9	3,460,503	2.60	9	8 (88)	*Calicivirus, Norovirus (6)* *E. coli.*, Enterohemorrhagic (e.g. O157 or other STEC) (1) *Cyclospora* (1)	0 (0)	6 (67)
GA	14	8,560,310	1.64	7	5 (36)	*Salmonella (3),* *Calicivirus, Norovirus (1)* *Clostridium perfringens* (1)	0 (0)	7 (50)
MD	10	5,458,137	1.83	6.5	4 (40)	*Calicivirus, Norovirus (2)* *Clostridium perfringens (1)* *Campylobacter (1)*	0 (0)	8 (80)
MN	24	5,019,720	4.78	9.5	12 (50)	*Calicivirus, Norovirus (8)* *Clostridium perfringens (2)* *Salmonella (2)*	7 (29)	18 (75)
NM	0	1,855,059	0.00	0	0 (-)		0 (-)	0 (-)
NY	4	4,312,301	0.93	5.5	3 (75)	*Salmonella (1)* *E. coli.*, Enterohemorrhagic (e.g. O157 or other STEC) (1) Hepatitis A (1)	0 (-)	2 (50)
OR	23	3,521,515	6.53	6	11 (48)	*Calicivirus, Norovirus (9)* *Salmonella (1)* E. coli., *Enterotoxigenic* (1)	1 (4)	11 (48)
TN	9	5,797,289	1.55	23	6 (67)	*Calicivirus, Norovirus (3)* Hepatitis A *(2)* *Salmonella (1)*	0 (0)	5 (56)
Total	**99**	**43,721,035**	**2.26**	**9**	**49 (49)**		**9 (9)**	**62 (63)**

Table 2. Summary of Foodborne Outbreaks with ≥10 ill, by FoodNet Site, 2005

*** Data accessed July 1st, 2005**
*** 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	2	3,228,717	0.62	36	0 (-)	1 (50)	1 (50)
CO	1	2,507,484	0.40	22	0 (-)	0 (-)	1 (100)
CT	4	3,460,503	1.16	12	4 (100)	0 (0)	3 (75)
GA	6	8,560,310	0.70	39	3 (50)	0 (0)	2 (33)
MD	3	5,458,137	0.55	35	1 (33)	0 (0)	2 (67)
MN	12	5,019,720	2.39	17.5	7 (58)	4 (33)	8 (67)
NM	0	1,855,059	0.00	0	0 (-)	0 (-)	0 (-)
NY	1	4,312,301	0.23	27	0 (-)	0 (-)	1 (100)
OR	8	3,521,515	2.27	20	6 (75)	0 (0)	4 (50)
TN	7	5,797,289	1.21	23	5 (71)	0 (0)	3 (43)
Total	**44**	**43,721,035**	**1.01**	**21**	**26 (59)**	**5 (11)**	**25 (57)**

HUS Surveillance, 2004

Data as of June 29, 2005

Site	All cases (N=64)												In catchment (N=53)											
	<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	1	0 (0)	2	0 (0)	2	0 (0)	1	0 (0)	0	--	0	--	1	2.3	1	0.6	1	0.5	0	0.0	0	0.00	0	0.00
CO	0	--	4	0 (0)	1	0 (0)	1	0 (0)	0	--	0	--	0	0.0	2	1.3	0	0.0	1	0.6	0	0.00	0	0.00
CT	0	--	2	0 (0)	3	0 (0)	1	0 (0)	0	--	0	--	0	0.0	1	0.6	3	1.3	1	0.4	0	0.00	0	0.00
GA	0	--	5	0 (0)	0	--	0	--	1	0 (0)	0	--	0	0.0	5	1.0	0	0.0	0	0.0	1	0.02	0	0.00
MD	0	--	4	0 (0)	0	--	0	--	0	--	0	--	0	0.0	4	1.4	0	0.0	0	0.0	0	0.00	0	0.00
MN	0	--	4	0 (0)	2	0 (0)	2	0 (0)	0	--	1	0 (0)	0	0.0	4	1.5	2	0.6	2	0.5	0	0.00	1	0.12
NM	0	--	0	--	0	--	0	--	0	--	0	--	0	0.0	0	0.0	0	0.0	0	0.0	0	0.00	0	0.00
NY	0	--	2	0 (0)	0	--	0		0	--	0	--	0	0.0	2	1.0	0	0.0	0	0.0	0	0.00	0	0.00
OR	2	0 (0)	2	0 (0)	1	0 (0)	1	0 (0)	0	--	0	--	2	4.6	2	1.1	1	0.4	1	0.4	0	0.00	0	0.00
TN	1	0 (0)	10	1 (10)	5	1 (20)	1	0 (0)	1	0 (0)	1	0 (0)	0	0.0	9	3.0	4	1.1	0	0.0	1	0.03	1	0.10
Total	**4**	**0 (0)**	**35**	**1 (3)**	**14**	**1 (7)**	**7**	**0 (0)**	**2**	**0 (0)**	**2**	**0 (0)**	**3**	**0.5**	**30**	**1.3**	**11**	**0.4**	**5**	**0.2**	**2**	**0.007**	**2**	**0.03**

*per 100,000 persons

Site	Laboratory Testing (all cases included N=64)							
	Shiga toxin	O157			Non-O157			
	No. pos/ tested (%)	No. culture pos/tested (%)	No. seropos/ tested (%)	Total pos/total cases (by culture or serology)	Stx pos & SMAC-O157 neg No. pos/tested (%)	Non-O157 isolated	No. seropos/ tested for O111 or O26 (%)	Total pos/total cases (by culture or serology)
CA	4/4 (100)	4/6 (67)	0/0 (-)	4/6 (67)	0/4 (0)	-	0/0 (-)	0/6 (0)
CO	0/0 (-)	0/2 (0)	0/0 (-)	0/6 (0)	0/0 (-)	-	0/0 (-)	0/6 (0)
CT	2/4 (50)	4/6 (67)	2/2 (100)	6/6 (100)	0/4 (0)	-	0/2 (0)	0/6 (0)
GA	0/0 (-)	0/5 (0)	2/2 (100)	2/6 (33)	0/0 (-)	-	0/2 (0)	0/6 (0)
MD	1/1 (100)	0/2 (0)	0/0 (-)	0/4 (0)	1/1 (100)	Isolate not sent to SPHL (1)	0/0 (-)	1/4 (25)
MN	7/9 (78)	5/9 (56)	0/1 (0)*	5/9 (56)	2/9 (22)	Could not be serotyped (1) O 145:H28 (1)	0/1 (0)*	2/9 (22)
NM	0/0 (-)	0/0 (-)	0/0 (-)	0/0 (-)	0/0 (-)	-	0/0 (-)	0/0 (-)
NY	0/0 (-)	2/2 (100)	0/0 (-)	2/2 (100)	0/0 (-)	-	0/0 (-)	0/2 (0)
OR	0/0 (-)	2/6 (33)	0/0 (-)*	2/6 (33)	0/0 (-)	-	0/0 (-)*	0/6 (0)
TN	2/4 (50)	10/18 (56)	7/10 (70)	17/19 (89)	0/4 (0)	-	0/10 (0)	0/19 (0)
Total	**16/22 (73)**	**27/56 (48)**	**11/15 (73)**	**38/64 (59)**	**3/22 (14)**	**-**	**0/15 (0)**	**3/64 (5)**

*Lab Results Pending: MN-1, OR-1

HUS Surveillance, 2005

Data as of June 29, 2005

Site	All cases (N=26)												In catchment (N=22)											
	<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	--	0	--	0	--	0	--	0	--	0	--	0	0.0	0	0.0	0	0.0	0	0.0	0	0.00	0	0.00
CO	0	--	1	0 (0)	0	--	0	--	0	--	0	--	0	0.0	1	0.7	0	0.0	0	0.0	0	0.00	0	0.00
CT	0	--	2	0 (0)	2	0 (0)	2	0 (0)	2	0 (0)	0	--	0	0.0	2	1.2	2	0.9	2	0.8	2	0.09	0	0.00
GA	0	--	4	1 (25)	0	--	0	--	0	--	0	--	0	0.0	3	0.6	0	0.0	0	0.0	0	0.00	0	0.00
MD	0	--	0	--	0	--	0	--	0	--	0	--	0	0.0	0	0.0	0	0.0	0	0.0	0	0.00	0	0.00
MN	0	--	0	--	1	0 (0)	0	--	0	--	0	--	0	0.0	0	0.0	1	0.3	0	0.0	0	0.00	0	0.00
NM	1	1 (100)	0	--	0	--	0	--	0	--	0	--	1	3.8	0	0.0	0	0.0	0	0.0	0	0.00	0	0.00
NY	0	--	0	--	0	--	0	--	1	0 (0)	0	--	0	0.0	0	0.0	0	0.0	0	0.0	1	0.04	0	0.00
OR	0	--	3	0 (0)	0	--	0	--	0	--	0	--	0	0.0	3	1.7	0	0.0	0	0.0	0	0.00	0	0.00
TN	0	--	1	0 (0)	5	0 (0)	0	--	1	0 (0)	0	--	0	0.0	1	0.3	2	0.5	0	0.0	1	0.03	0	0.00
Total	**1**	**1 (100)**	**11**	**1 (9)**	**8**	**0 (0)**	**2**	**0 (0)**	**4**	**0 (0)**	**0**	**0 (0)**	**1**	**0.2**	**10**	**0.4**	**5**	**0.2**	**2**	**0.06**	**4**	**0.014**	**0**	**0.00**

*per 100,000 persons

Site	Laboratory Testing (all cases included N=26)							
	Shiga toxin	O157			Non-O157			
	No. pos/ tested (%)	No. culture pos/tested (%)	No. seropos/ tested (%)	Total pos/total cases (by culture or serology)	Stx pos & SMAC-O157 neg No. pos/tested (%)	Non-O157 isolated	No. seropos/ tested for O111 or O26 (%)	Total pos/total cases (by culture or serology)
CA	0/0 (-)	0/0 (-)	0/0 (-)	0/0(-)	0/0 (-)	-	0/0 (-)	0/0 (-)
CO	0/0 (-)	0/0 (-)	0/0 (-)	0/1 (0)	0/0 (-)	-	0/0 (-)	0/1 (0)
CT	2/2 (100)	4/6 (67)	1/2 (50)	5/8 (50)	0/2 (0)	-	0/2 (-)	0/8 (0)
GA	0/0 (-)	1/1 (100)	0/0 (-)	1/4(25)	0/0 (-)	-	0/0 (-)	0/4 (0)
MD	0/0 (-)	0/0 (-)	0/0 (-)	0/0 (-)	0/0 (-)	-	0/0 (-)	0/0 (-)
MN	0/1 (0)	0/1 (0)	0/1 (0)	0/1(0)	0/1 (0)	-	0/1 (-)	0/1 (0)
NM	0/1 (0)	0/0 (-)	0/0 (-)	0/1 (0)	0/0 (-)	-	0/0 (-)	0/1 (0)
NY	0/0 (-)	0/1 (-)	0/0 (-)	0/1 (0)	0/0 (-)	-	0/0 (-)	0/1 (0)
OR	0/0 (-)	0/0 (-)	0/0 (-)	0/3 (0)	0/0 (-)	-	0/0 (-)	0/3 (0)
TN	0/0 (-)	1/6 (17)	0/0 (-)	1/7 (14)	0/0 (-)	-	0/0 (-)	0/7 (0)
Total	**2/4 (50)**	**6/15 (40)**	**1/3(33)**	**7/26 (27)**	**0/3 (0)**	**-**	**0/3 (0)**	**0/26 (0)**

*Lab Results Pending:

Date: May 5, 2005-- PLEASE NOTE THAT DATA FROM LINE LISTS HAVE NOT BEEN INCORPORATED YET

Linked Cases in FoodNet / # Isolates Submitted to NARMS, 2001

Target= 100%

% NARMS linked (target=100%)	CA*	CO*	CT	GA	MD*	MN	NY*	OR	TN*	All FN
Campylobacter 1 per week	42 / 50 (84%)	3 / 43 (7%)	40 / 44 (91%)	56 / 56 (100%)	31 / 38 (82%)	47 / 49 (96%)	33 / 44 (75%)	18 / 28 (64%)	18 / 33 (55%)	288 / 385 (75%)
Shigella	16 / 20 (80%)	1 / 23 (4%)	6 / 6 (100%)	34 / 41 (83%)	12 / 14 (86%)	43 / 45 (96%)	6 / 23 (26%)	8 / 10 (80%)	7 / 11 (64%)	133 / 183 (73%)
Overall Linked	58 / 70 (83%)	4 / 66 (6%)	46 / 50 (92%)	90 / 97 (93%)	43 / 52 (83%)	90 / 94 (96%)	39 / 67 (58%)	26 / 38 (68%)	25 / 44 (57%)	421 / 568 (74%)
Total NARMS Out of FoodNet Catchment †	/ 0	/ 58	/ 0	/	/ 2	/	/ 25	/	/ 15	/ 100
FoodNet Linked	**58 / 70 (83%)**	**4 / 8 (50%)**	**46 / 50 (92%)**	**90 / 97 (93%)**	**43 / 50 (86%)**	**90 / 94 (96%)**	**39 / 42 (93%)**	**26 / 38 (68%)**	**25 / 29 (86%)**	**421 / 468 (90%)**
NARMSDuplicates and Carriers in FoodNet ‡	/	/	/	/	/	/	/	/	/	/
Total Isolates Accounted for	58 / 70 (83%)	4 / 8 (50%)	46 / 50 (92%)	90 / 97 (93%)	43 / 50 (86%)	90 / 94 (96%)	39 / 42 (93%)	26 / 38 (68%)	25 / 29 (86%)	421 / 468 (90%)

* FoodNet catchment areas are not statewide.

† Isolates out of FoodNet catchment are subtracted from the denominator.

‡ Duplicates and carriers in NARMS should link to the original FoodNet case and therefore, are added to numerator.

Date: May 5, 2005

Linked Cases in FoodNet / # Isolates Submitted to NARMS, 2002

Target= 100%

% NARMS linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NY*	OR	TN*	All FN
Campylobacter 1 per week	48 / 52 (92%)	18 / 30 (60%)	30 / 30 (100%)	42 / 45 (93%)	25 / 28 (89%)	53 / 53 (100%)	37 / 45 (82%)	38 / 38 (100%)	17 / 32 (53%)	308 / 353 (87%)
E. coli O157	6 / 6 (100%)	3 / 9 (33%)	11 / 11 (100%)	33 / 36 (92%)	8 / 8 (100%)	28 / 28 (100%)	6 / 41 (15%)	33 / 36 (92%)	2 / 5 (40%)	130 / 180 (72%)
Non-Typhi *Salmonella*	32 / 44 (73%)	24 / 50 (48%)	47 / 49 (96%)	162 / 201 (81%)	112 / 115 (97%)	57 / 57 (100%)	39 / 290 (13%)	29 / 34 (85%)	29 / 76 (38%)	531 / 916 (58%)
Salmonella Typhi	4 / 10 (40%)	1 / 3 (33%)	8 / 8 (100%)	2 / 3 (67%)	9 / 12 (75%)	4 / 4 (100%)	2 / 57 (4%)	0 / 0 (%)	0 / 0 (%)	30 / 97 (31%)
Shigella	8 / 8 (100%)	6 / 12 (50%)	11 / 11 (100%)	87 / 95 (92%)	101 / 103 (98%)	19 / 19 (100%)	6 / 54 (11%)	8 / 8 (100%)	11 / 16 (69%)	257 / 326 (79%)
Overall Linked	98 / 120 (82%)	53 / 106 (50%)	113 / 115 (98%)	336 / 390 (86%)	259 / 271 (96%)	164 / 164 (100%)	92 / 503 (18%)	118 / 127 (93%)	61 / 131 (47%)	1294 / 1927 (67%)
Total NARMS Out of FoodNet Catchment †	/ 16	/ 52	/ 1	/ 44	/ 10	/ 0	/ 394	/ 1	/ 67	/ 585
FoodNet Linked	**98 / 104 (94%)**	**53 / 54 (98%)**	**113 / 114 (99%)**	**336 / 346 (97%)**	**259 / 261 (99%)**	**164 / 164 (100%)**	**92 / 109 (84%)**	**118 / 126 (94%)**	**61 / 64 (95%)**	**1294 / 1342 (96%)**
NARMS Duplicates and Carriers in FoodNet ‡	5 /	1 /	1 /	8 /	3 /	/	15 /	8 /	2 /	43 /
Total Isolates Accounted for	103 / 104 (99%)	54 / 54 (100%)	114 / 114 (100%)	344 / 346 (99%)	262 / 261 (100%)	164 / 164 (100%)	107 / 109 (98%)	126 / 126 (100%)	63 / 64 (98%)	1337 / 1342 (100%)

* FoodNet catchment areas are not statewide.
† Isolates out of FoodNet catchment are subtracted from the denominator.
‡ Duplicates and carriers in NARMS should link to the original FoodNet case and therefore, are added to numerator.

Isolates Submitted to NARMS / # of Cases in FoodNet, 2002

% NARMS: FoodNet	CA*	CO*	CT	GA	MD	MN	NY*	OR	TN*	All FN
Campylobacter ** 1 per week (target= **52 per year)**	52 / 1018 (5%)	30 / 347 (9%)	30 / 542 (6%)	45 / 664 (7%)	28 / 374 (7%)	53 / 941 (6%)	45 / 431 (10%)	38 / 562 (7%)	32 / 180 (18%)	353 / 5059 (7%)
E. coli O157 **(target= 20%)**	6 / 45 (13%)	9 / 58 (16%)	11 / 45 (24%)	36 / 45 (80%)	8 / 27 (30%)	28 / 160 (18%)	41 / 56 (73%)	36 / 177 (20%)	5 / 25 (20%)	180 / 638 (28%)
Non-Typhi *Salmonella* **(target= 10%)**	44 / 511 (9%)	50 / 320 (16%)	49 / 449 (11%)	201 / 1897 (11%)	115 / 932 (12%)	57 / 589 (10%)	290 / 529 (55%)	34 / 327 (10%)	76 / 553 (14%)	916 / 6107 (15%)
Salmonella Typhi **(target= 100%)**	10 / 10 (100%)	3 / 3 (100%)	8 / 8 (100%)	3 / 4 (75%)	12 / 11 (109%)	4 / 4 (100%)	57 / 2 (2850%)	0 / 0 (%)	0 / 1 (%)	97 / 43 (226%)
Shigella **(target= 10%)**	8 / 367 (2%)	12 / 136 (9%)	11 / 104 (11%)	95 / 1831 (5%)	103 / 1167 (9%)	19 / 222 (9%)	54 / 50 (108%)	8 / 90 (9%)	16 / 146 (11%)	326 / 4113 (8%)
Vibrio (Non-Cholera) **(target= 100%)**	0 / 11 (%)	2 / 3 (67%)	6 / 10 (60%)	10 / 27 (37%)	5 / 18 (28%)	3 / 3 (100%)	16 / 4 (400%)	11 / 14 (79%)	2 / 6 (33%)	55 / 96 (57%)

* FoodNet catchment areas are not statewide. NARMS isolates included from outside of FoodNet surveillance sites.
** Could be < 52 per year if site did not receive *Campylobacter* on any given week

Date: June 30, 2005

Linked Cases in FoodNet / # Isolates Submitted to NARMS, 2003

Target= 100%

% NARMS linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NY*	OR	TN	All FN
Campylobacter 1 per week	46 / 49 (94%)	17 / 33 (52%)	48 / 50 (96%)	47 / 56 (84%)	34 / 34 (100%)	59 / 60 (98%)	49 / 54 (91%)	31 / 31 (100%)	39 / 41 (95%)	370 / 408 (91%)
E. coli O157	1 / 13 (8%)	1 / 1 (100%)	3 / 3 (100%)	16 / 18 (89%)	4 / 4 (100%)	5 / 6 (83%)	4 / 11 (36%)	5 / 5 (100%)	2 / 3 (67%)	41 / 64 (64%)
Non-Typhi *Salmonella*	17 / 156 (11%)	8 / 22 (36%)	25 / 25 (100%)	96 / 114 (84%)	51 / 57 (89%)	27 / 29 (93%)	16 / 75 (21%)	18 / 19 (95%)	43 / 49 (88%)	301 / 546 (55%)
Salmonella Typhi	17 / 75 (23%)	3 / 4 (75%)	8 / 17 (47%)	7 / 7 (100%)	6 / 11 (55%)	2 / 2 (100%)	1 / 18 (6%)	3 / 4 (75%)	4 / 4 (100%)	51 / 142 (36%)
Shigella	1 / 2 (50%)	8 / 10 (80%)	5 / 5 (100%)	38 / 43 (88%)	25 / 27 (93%)	5 / 5 (100%)	16 / 19 (84%)	6 / 6 (100%)	23 / 28 (82%)	127 / 145 (88%)
Vibrio (Non-Cholera)	0 / 0 (%)	0 / 1 (%)	8 / 10 (80%)	7 / 9 (78%)	11 / 13 (85%)	0 / 0 (%)	3 / 17 (18%)	5 / 5 (100%)	7 / 8 (88%)	41 / 63 (65%)
Overall Linked	82 / 295 (28%)	37 / 71 (52%)	97 / 110 (88%)	211 / 247 (85%)	131 / 146 (90%)	98 / 102 (96%)	89 / 194 (46%)	68 / 70 (97%)	118 / 133 (89%)	931 / 1368 (68%)
Total NARMS Out of FoodNet Catchment †	/ 199	/ 33	/ 3	/ 22	/ 3	/ 0	/ 99	/ 0	/ 13	/ 372
FoodNet Linked	**82 / 96 (85%)**	**37 / 38 (97%)**	**97 / 107 (91%)**	**211 / 225 (94%)**	**131 / 143 (92%)**	**98 / 102 (96%)**	**89 / 95 (94%)**	**68 / 70 (97%)**	**118 / 120 (98%)**	**931 / 996 (93%)**
NARMS Duplicates and Carriers in FoodNet ‡	3 /	1 /	7 /	5 /	2 /	2 /	6 /	2 /	0 /	28 /
Total Isolates Accounted for	85 / 96 (89%)	38 / 38 (100%)	104 / 107 (97%)	216 / 225 (96%)	133 / 143 (93%)	100 / 102 (98%)	95 / 95 (100%)	70 / 70 (100%)	118 / 120 (98%)	959 / 996 (96%)

* FoodNet catchment areas are not statewide.
† Isolates out of FoodNet catchment are subtracted from the denominator.
‡ Duplicates and carriers in NARMS should link to the original FoodNet case and therefore, are added to numerator.

Date: June 30, 2005

Isolates Submitted to NARMS / # of Cases in FoodNet, 2003

% NARMS: FoodNet	CA*	CO*	CT	GA	MD	MN	NY*	OR	TN	All FN
Campylobacter ** 1 per week (target= **52 per year)**	49 / 871 (6%)	33 / 371 (9%)	50 / 543 (9%)	56 / 622 (9%)	34 / 423 (8%)	60 / 937 (6%)	54 / 472 (11%)	31 / 578 (5%)	41 / 456 (9%)	408 / 5273 (8%)
E. coli O157 **(target= 5%)**	13 / 29 (45%)	1 / 37 (3%)	3 / 37 (8%)	18 / 23 (78%)	4 / 16 (25%)	6 / 133 (5%)	11 / 49 (22%)	5 / 86 (6%)	3 / 34 (9%)	64 / 444 (14%)
Non-Typhi *Salmonella* **(target= 5%)**	156 / 459 (34%)	22 / 246 (9%)	25 / 393 (6%)	114 / 2005 (6%)	57 / 788 (7%)	29 / 576 (5%)	75 / 394 (19%)	19 / 374 (5%)	49 / 750 (7%)	546 / 5985 (9%)
Salmonella Typhi **(target= 100%)**	75 / 15 (500%)	4 / 3 (133%)	17 / 8 (213%)	7 / 8 (88%)	11 / 10 (110%)	2 / 3 (67%)	18 / 1 (1800%)	4 / 4 (100%)	4 / 3 (133%)	142 / 55 (258%)
Shigella **(target= 5%)**	2 / 277 (1%)	10 / 235 (4%)	5 / 70 (7%)	43 / 1145 (4%)	27 / 467 (6%)	5 / 103 (5%)	19 / 238 (8%)	6 / 104 (6%)	28 / 401 (7%)	145 / 3040 (5%)
Vibrio (Non-Cholera) **(target= 100%)**	0 / 19 (%)	1 / 1 (100%)	10 / 9 (111%)	9 / 21 (43%)	13 / 20 (65%)	0 / 3 (%)	17 / 4 (425%)	5 / 6 (83%)	8 / 9 (89%)	63 / 92 (68%)

* FoodNet catchment areas are not statewide. NARMS isolates included from outside of FoodNet surveillance sites.
** Could be < 52 per year if site did not receive *Campylobacter* on any given week

Date: June 30, 2005

Linked Cases in FoodNet / # Isolates Submitted to NARMS, 2004

Target= 100%

% NARMS linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
Campylobacter 1 per week	47 / 56 (84%)	27 / 40 (68%)	52 / 52 (100%)	39 / 40 (98%)	25 / 26 (96%)	60 / 62 (97%)	18 / 20 (90%)	47 / 53 (89%)	47 / 47 (100%)	31 / 36 (86%)	346 / 379 (91%)
E. coli O157	0 / 11 (%)	1 / 2 (50%)	5 / 5 (100%)	19 / 21 (90%)	3 / 3 (100%)	5 / 5 (100%)	1 / 1 (100%)	4 / 9 (44%)	3 / 3 (100%)	1 / 2 (50%)	42 / 53 (79%)
Non-Typhi *Salmonella*	12 / 111 (11%)	16 / 25 (64%)	26 / 26 (100%)	97 / 114 (85%)	43 / 45 (96%)	31 / 33 (94%)	16 / 18 (89%)	18 / 68 (26%)	16 / 19 (84%)	27 / 38 (71%)	302 / 429 (70%)
Salmonella Typhi	10 / 69 (14%)	1 / 3 (33%)	7 / 8 (88%)	2 / 3 (67%)	12 / 23 (52%)	7 / 6 (117%)	0 / 0 (%)	2 / 15 (13%)	1 / 1 (100%)	4 / 7 (57%)	46 / 135 (34%)
Shigella	0 / 3 (%)	5 / 6 (83%)	4 / 4 (100%)	21 / 24 (88%)	8 / 8 (100%)	2 / 2 (100%)	8 / 9 (89%)	11 / 16 (69%)	4 / 4 (100%)	28 / 29 (97%)	80 / 89 (90%)
Vibrio (Non-Cholera)	0 / 0 (%)	9 / 10 (90%)	4 / 4 (100%)	7 / 10 (70%)	10 / 11 (91%)	0 / 0 (%)	1 / 1 (100%)	0 / 1 (%)	9 / 11 (82%)	3 / 3 (100%)	43 / 50 (86%)
Overall Linked	69 / 250 (28%)	59 / 86 (69%)	98 / 99 (99%)	185 / 212 (87%)	101 / 116 (87%)	105 / 108 (97%)	44 / 49 (90%)	82 / 162 (51%)	80 / 85 (94%)	94 / 115 (82%)	859 / 1282 (67%)
Total NARMS Out of FoodNet Catchment †	/ 171	/ 27	/ 0	/ 20	/ 1	/ 0	/ 3	/ 76	/ 2	/ 1	/ 301
FoodNet Linked	**69 / 79 (87%)**	**59 / 59 (100%)**	**98 / 99 (99%)**	**185 / 192 (96%)**	**101 / 115 (88%)**	**105 / 108 (97%)**	**44 / 46 (96%)**	**82 / 86 (95%)**	**80 / 83 (96%)**	**94 / 114 (82%)**	**859 / 981 (88%)**
NARMSDuplicates and Carriers in FoodNet ‡	4 /	0 /	0 /	2 /	2 /	1 /	0 /	3 /	3 /	4 /	19 /
Total Isolates Accounted for	73 / 79 (92%)	59 / 59 (100%)	98 / 99 (99%)	187 / 192 (97%)	103 / 115 (90%)	106 / 108 (98%)	44 / 46 (96%)	85 / 86 (99%)	83 / 83 (100%)	98 / 114 (86%)	936 / 981 (95%)

* FoodNet catchment areas are not statewide.
† Isolates out of FoodNet catchment are subtracted from the denominator.
‡ Duplicates and carriers in NARMS should link to the original FoodNet case and therefore, are added to numerator.

Date: June 30, 2005

Isolates Submitted to NARMS / # of Cases in FoodNet, 2004

% NARMS: FoodNet	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
Campylobacter ** 1 per week (target= **52 per year)**	56 / 920 (6%)	40 / 496 (8%)	52 / 583 (9%)	40 / 573 (7%)	26 / 290 (9%)	62 / 896 (7%)	20 / 355 (6%)	53 / 493 (11%)	47 / 642 (7%)	36 / 417 (9%)	379 / 5665 (7%)
E. coli O157 **(target= 5%)**	11 / 25 (44%)	2 / 21 (10%)	5 / 31 (16%)	21 / 23 (91%)	3 / 20 (15%)	5 / 110 (5%)	1 / 9 (11%)	9 / 54 (17%)	3 / 61 (5%)	2 / 47 (4%)	53 / 401 (13%)
Non-Typhi *Salmonella* **(target= 5%)**	111 / 462 (24%)	25 / 325 (8%)	26 / 455 (6%)	114 / 1902 (6%)	45 / 776 (6%)	33 / 636 (5%)	18 / 280 (6%)	68 / 448 (15%)	19 / 368 (5%)	38 / 757 (5%)	429 / 6409 (7%)
Salmonella Typhi **(target= 100%)**	69 / 14 (493%)	3 / 1 (300%)	8 / 7 (114%)	3 / 4 (75%)	23 / 14 (164%)	6 / 7 (86%)	0 / 0 (%)	15 / 3 (500%)	1 / 1 (100%)	7 / 4 (175%)	135 / 51 (265%)
Shigella **(target= 5%)**	3 / 226 (1%)	6 / 96 (6%)	4 / 68 (6%)	24 / 645 (4%)	8 / 145 (6%)	2 / 67 (3%)	9 / 135 (7%)	16 / 215 (7%)	4 / 78 (5%)	29 / 556 (5%)	89 / 2231 (4%)
Vibrio (Non Cholera) **(target= 100%)**	0 / 24 (%)	10 / 11 (91%)	4 / 9 (44%)	10 / 19 (53%)	11 / 26 (42%)	0 / 2 (%)	1 / 3 (33%)	1 / 1 (100%)	11 / 9 (122%)	3 / 9 (33%)	51 / 113 (45%)

* FoodNet catchment areas are not statewide. NARMS isolates included from outside of FoodNet surveillance sites.
** Could be < 52 per year if site did not receive *Campylobacter* on any given week

PRELIMINARY DATA- SUBJECT TO CHANGE- NOT FOR DISTRIBUTION

Date: June 6, 2005

Linked Cases in FoodNet / # Isolates Submitted to NARMS, 2005

Target= 100%

% NARMS linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
Campylobacter	10 / 32 (31%)	8 / 12 (67%)	0 / 0 (%)	10 / 16 (63%)	0 / 0 (%)	16 / 17 (94%)	2 / 4 (50%)	0 / 15 (%)	1 / 12 (8%)	0 / 3 (%)	47 / 96 (49%)
E. coli O157	0 / 0 (%)	0 / 1 (%)	0 / 0 (%)	5 / 5 (100%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 1 (%)	0 / 0 (%)	5 / 7 (71%)
Non-Typhi *Salmonella*	2 / 28 (7%)	2 / 5 (40%)	4 / 5 (80%)	9 / 12 (75%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 10 (%)	4 / 4 (100%)	0 / 3 (%)	21 / 57 (37%)
Salmonella Typhi	2 / 13 (15%)	0 / 0 (%)	1 / 1 (100%)	0 / 2 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 2 (%)	0 / 1 (%)	0 / 1 (%)	3 / 20 (15%)
Shigella	0 / 0 (%)	0 / 2 (%)	0 / 1 (%)	2 / 4 (50%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 2 (%)	0 / 2 (%)	0 / 4 (%)	2 / 13 (15%)
Vibrio (Non-Cholera)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 1 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 1 (%)
Overall Linked	14 / 73 (19%)	10 / 20 (50%)	5 / 7 (71%)	26 / 40 (65%)	0 / 0 (%)	16 / 17 (94%)	2 / 4 (50%)	0 / 29 (%)	5 / 20 (25%)	0 / 11 (%)	78 / 194 (40%)
Total NARMS Out of FoodNet Catchment †	/ 38	/ 10	/ 0	/ 0	/ 0	/ 0	/ 0	/ 12	/ 0	/ 0	/ 60
FoodNet Linked	**14 / 35 (40%)**	**10 / 10 (100%)**	**5 / 7 (71%)**	**26 / 40 (65%)**	**0 / 0 (%)**	**16 / 17 (94%)**	**2 / 4 (50%)**	**0 / 17 (%)**	**5 / 20 (25%)**	**0 / 11 (%)**	**78 / 134 (58%)**
NARMSDuplicates and Carriers in FoodNet ‡	/	0 /	0 /	/	0 /	0 /	0 /	/	0 /	/	0 /
Total Isolates Accounted for	14 / 35 (40%)	10 / 10 (100%)	5 / 7 (71%)	26 / 40 (65%)	0 / 0 (%)	16 / 17 (94%)	2 / 4 (50%)	0 / 17 (%)	5 / 20 (25%)	0 / 11 (%)	78 / 134 (58%)

* FoodNet catchment areas are not statewide.

† Isolates out of FoodNet catchment are subtracted from the denominator.

‡ Duplicates and carriers in NARMS should link to the original FoodNet case and therefore, are added to numerator.

Date: June 6, 2005

Isolates Submitted to NARMS / # of Cases in FoodNet, 2005

% NARMS: FoodNet	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
Campylobacter **	32 / 301 (11%)	12 / 130 (9%)	0 / 158 (%)	16 / 138 (12%)	0 / 96 (%)	17 / 221 (8%)	4 / 60 (7%)	15 / 128 (12%)	12 / 154 (8%)	3 / 0 (%)	96 / 1386 (7%)
E. coli O157 **(target= 5%)**	0 / 2 (%)	1 / 7 (14%)	0 / 10 (%)	5 / 6 (83%)	0 / 2 (%)	0 / 5 (%)	0 / 0 (%)	0 / 7 (%)	1 / 3 (33%)	0 / 0 (%)	7 / 42 (17%)
Non-Typhi *Salmonella* **(target= 5%)**	28 / 114 (25%)	5 / 89 (6%)	5 / 132 (4%)	12 / 277 (4%)	0 / 171 (%)	0 / 169 (%)	0 / 42 (%)	10 / 119 (8%)	4 / 106 (4%)	3 / 0 (%)	57 / 1219 (5%)
Salmonella Typhi **(target= 100%)**	13 / 5 (260%)	0 / 0 (%)	1 / 1 (100%)	2 / 2 (100%)	0 / 0 (%)	0 / 1 (%)	0 / 0 (%)	2 / 0 (%)	1 / 2 (50%)	1 / 0 (%)	20 / 11 (182%)
Shigella **(target= 5%)**	0 / 56 (%)	2 / 17 (12%)	1 / 18 (6%)	4 / 131 (3%)	0 / 19 (%)	0 / 26 (%)	0 / 17 (%)	2 / 8 (25%)	2 / 24 (8%)	4 / 0 (%)	13 / 316 (4%)
Vibrio (Non-Cholera) **(target= 100%)**	0 / 1 (%)	0 / 0 (%)	0 / 3 (%)	1 / 5 (20%)	0 / 0 (%)	0 / 1 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	0 / 0 (%)	1 / 10 (10%)

* FoodNet catchment areas are not statewide. NARMS isolates included from outside of FoodNet surveillance sites.

** New sampling in 2005 and targets vary: CA 50%, CO 50%, CT 50%, GA 100%, MD 100%, MN 20%, NM 100%, NY 50%, OR 100%, TN 100%

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

Phone: (404)-371-5409 Fax:(404)-371-5444

_____ _____
Requestor's Name (please print) Date Approved by Steering Committee

_____ _____
Organization /Affiliation (please print) Date Analysis/Data Needed By

_____ _____ _____
Requestor's Contact Phone Requestor's Contact Fax Requestor's Contact E-mail

Description of Data Request:

Research Question/Interest: _____
_____
_____
_____
_____
_____

Dataset: _____
(from case control study, surveillance, population survey, etc.)

Pathogen(s):_____

Serotype(s):_____

Year(s):_____

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.

_____ _____
Signature Date

Please fax your completed form to FoodNet at 404-371-5444

If you have any questions about the data use or authorship policy, please contact FoodNet at 404-371-5465
http://www.cdc.gov/foodnet

Modified 6/14/05