FoodNet Objectives

New FoodNet Objectives:

1. Determine the burden of foodborne illness in the United States
2. Monitor trends in the burden of specific foodborne illness over time
3. Attribute the burden of foodborne illness to specific foods and settings
4. Develop and assess interventions to reduce the burden of foodborne illness

Old FoodNet Objectives:

- Determine more precisely the burden of foodborne diseases in the United States
- Monitor Foodborne Diseases Trends in the United States
- Determine the proportion of foodborne diseases attributable to specific foods and settings in the United States

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

Heather Green
Requestor's Name (please print)
University of MD Sc. of Medicine
Organization /Affiliation (please print)
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Requestor's Contact E-mail

Date Approved by Steering Committee
ASAP
Date Analysis/Data Needed By

Description of Data Request:

Research Question/Interest: We are interested in identifying risk factors for Campylobacter illness by comparing food consumption data in California to all other FoodNet States. We would like to look at individual level data to perform an ecologic analysis of food consumption/exposures and disease trends. We are primarily interested in the 2002 dataset but would like to extend this analysis to other years for a more rigorous study.

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

Pathogen(s): Campylobacter

Serotype(s):

Year(s): 2002; 2000; 98/99; 96/97

Other Variables of Interest (e.g. sex, race, ethnicity): region/county (if available); age

Denominator: surveillance - catchment pop. ; pop. survey - total pop. surveyed

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

09/20/05
Date

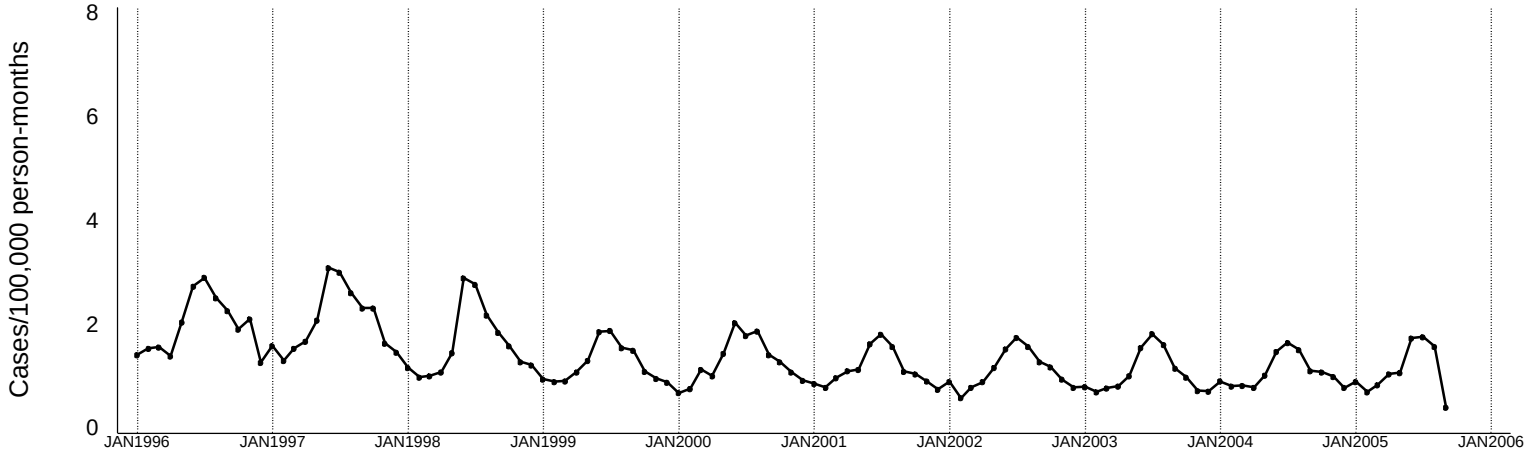
Please fax your completed form to FoodNet at 404-371-5444

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

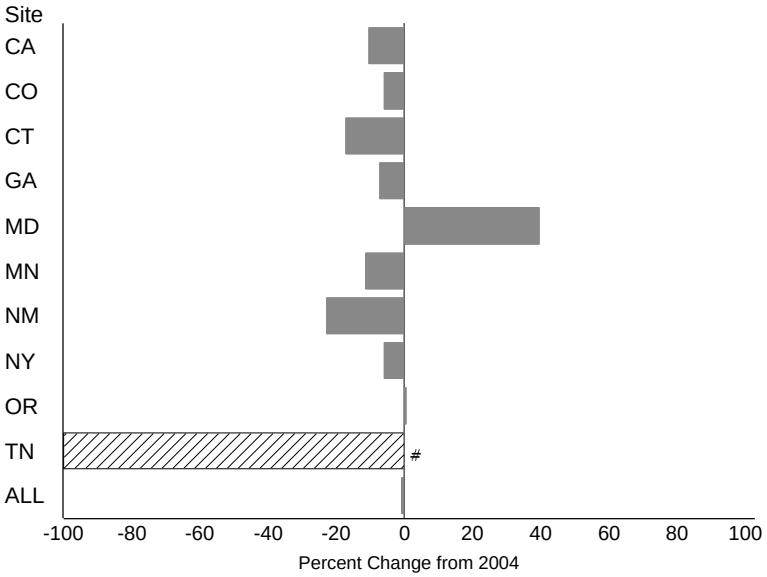
Modified 6/14/05

Campylobacter

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



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

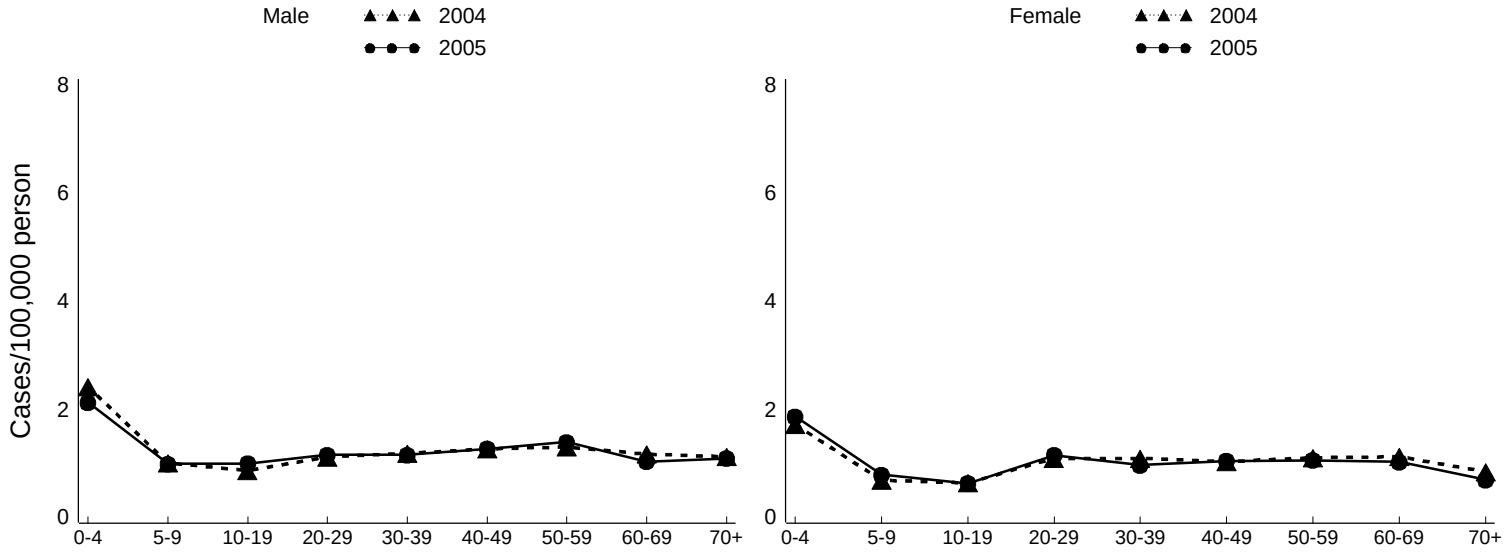


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	642	19.98	717	22.31	772	24.02
CO	377	14.92	401	15.87	317	13.09
CT	382	10.97	461	13.23	437	12.65
GA	415	4.779	447	5.147	491	5.769
MD	297	5.391	213	3.866	253	5.556
MN	630	12.45	711	14.05	758	15.13
NM	206	10.99	267	14.24	267	14.24
NY	367	8.507	390	9.040	317	10.26
OR	496	13.93	494	13.88	468	13.34
TN	0	0.000	332	5.683	233	5.665
ALL	3812	9.973	4433	10.06	4313	10.74

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

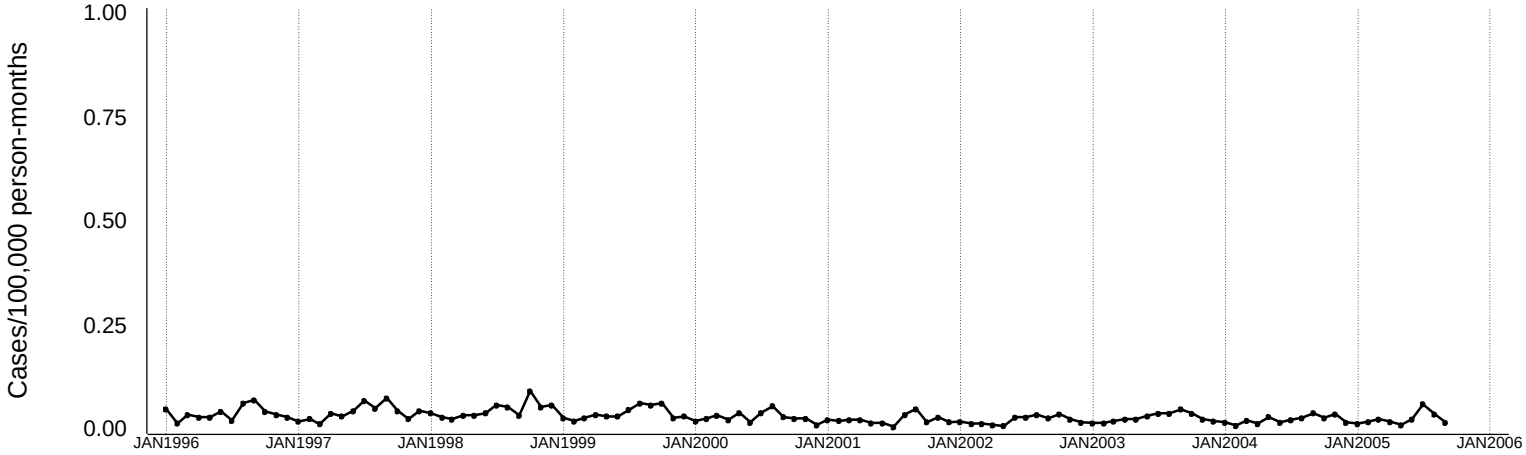
Calendar year through September: Rates for 2004 and 2005 by age group and sex



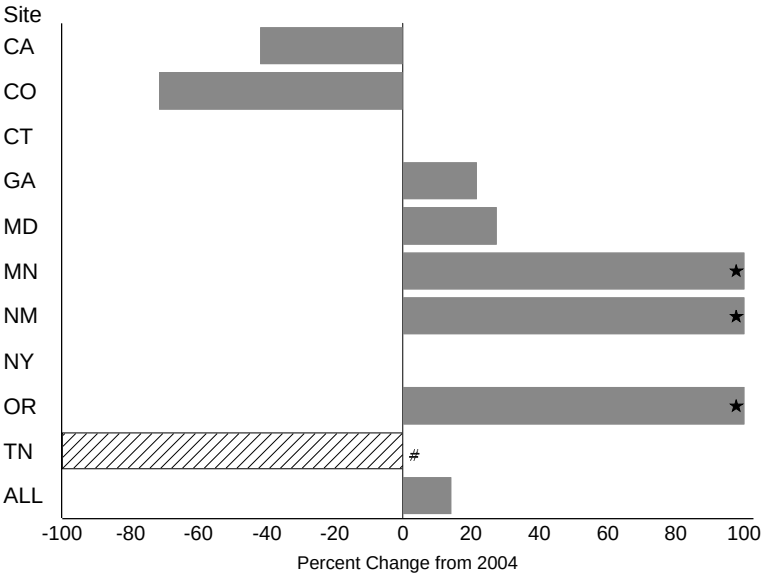
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Listeria

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



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

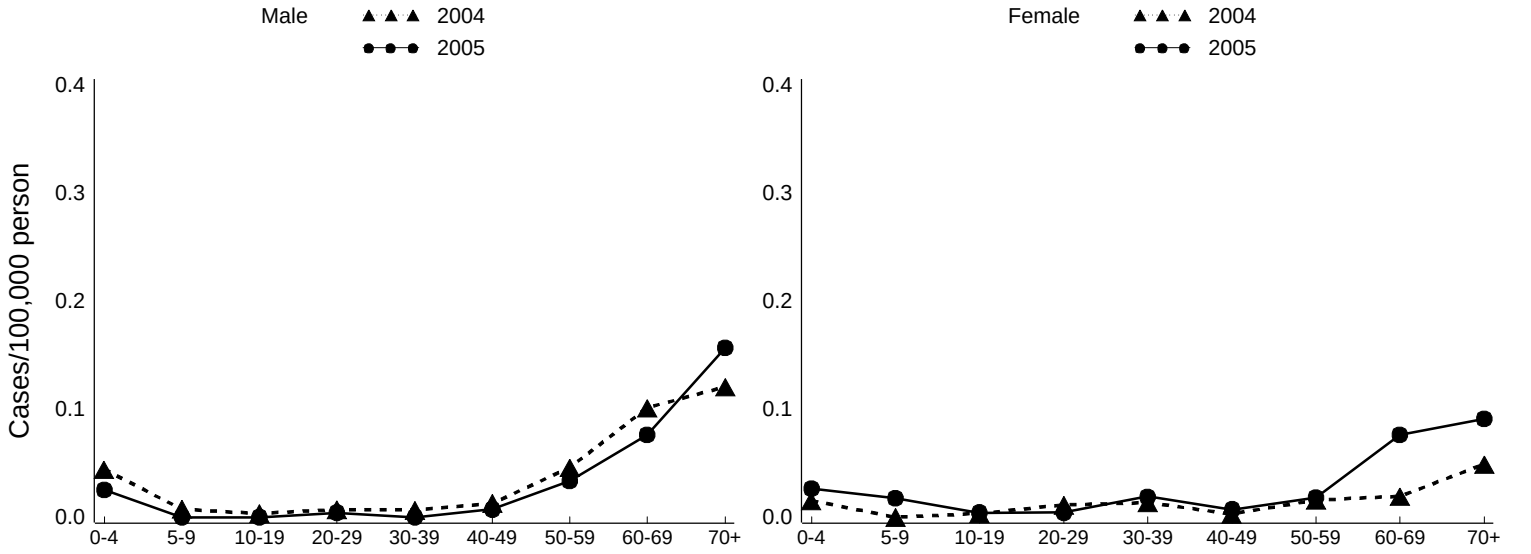


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	7	0.218	12	0.373	11	0.330
CO	2	0.079	7	0.277	5	0.185
CT	15	0.431	15	0.431	13	0.382
GA	17	0.196	14	0.161	17	0.195
MD	14	0.254	11	0.200	13	0.291
MN	8	0.158	2	0.040	3	0.060
NM	4	0.213	1	0.053	1	0.053
NY	10	0.232	10	0.232	11	0.379
OR	7	0.197	3	0.084	6	0.166
TN	0	0.000	10	0.171	6	0.156
ALL	84	0.220	85	0.193	85	0.222

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

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



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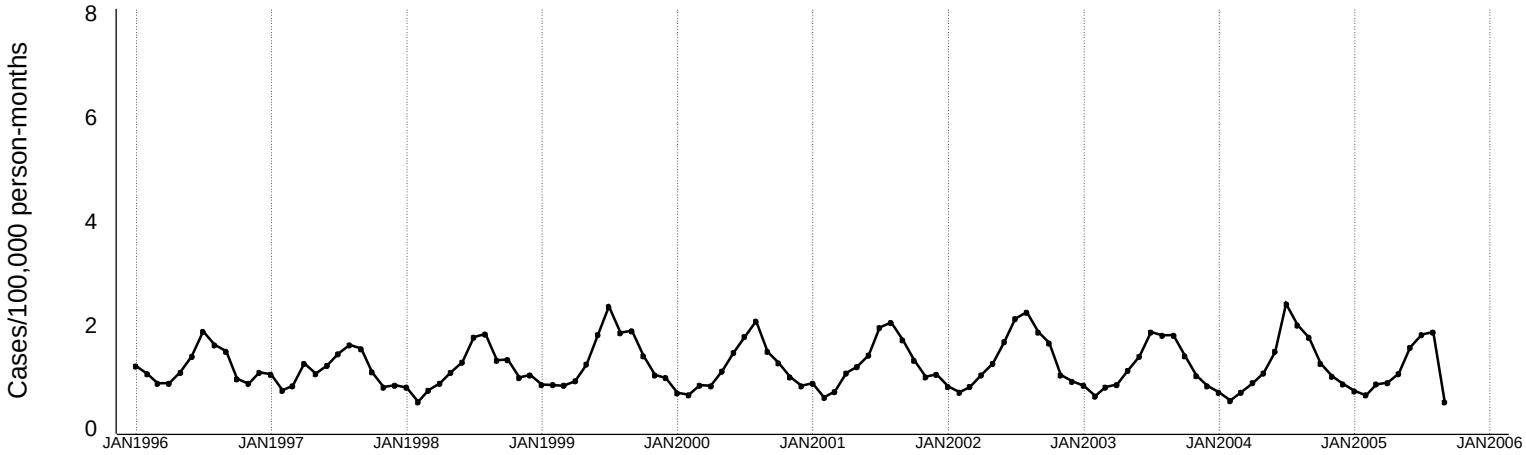
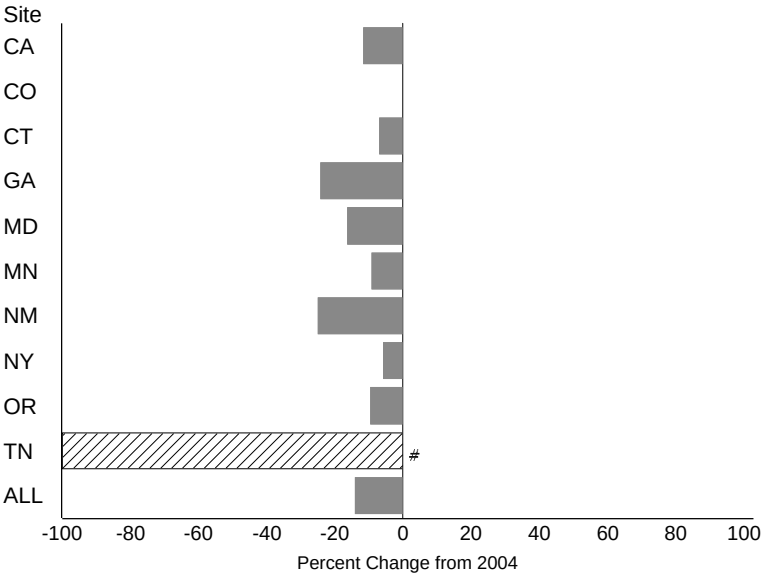
Salmonella, all serotypes

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



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

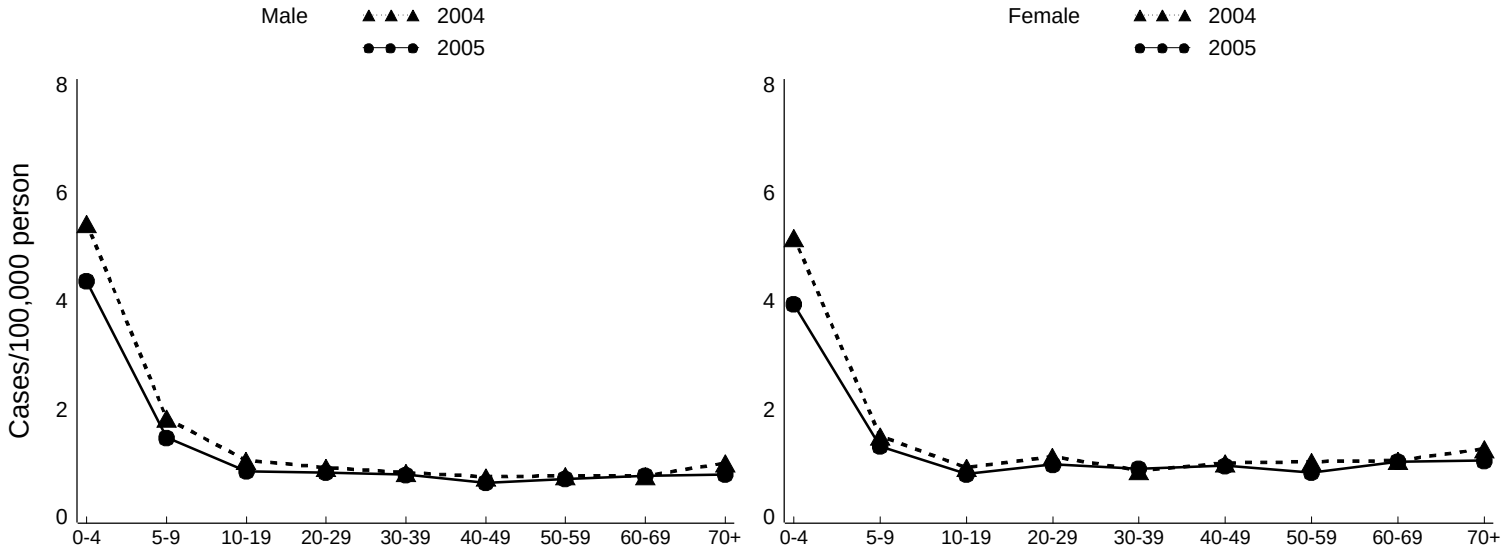


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	322	10.0	364	11.3	374	11.6
CO	256	10.1	256	10.1	234	9.70
CT	345	9.90	370	10.6	349	10.1
GA	1115	12.8	1470	16.9	1341	15.7
MD	557	10.1	665	12.1	565	12.1
MN	436	8.62	480	9.49	489	9.77
NM	163	8.70	217	11.6	217	11.6
NY	345	8.00	366	8.48	316	10.2
OR	278	7.81	307	8.62	267	7.60
TN	0	0.00	617	10.6	462	11.8
ALL	3817	9.99	5112	11.6	4615	11.6

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

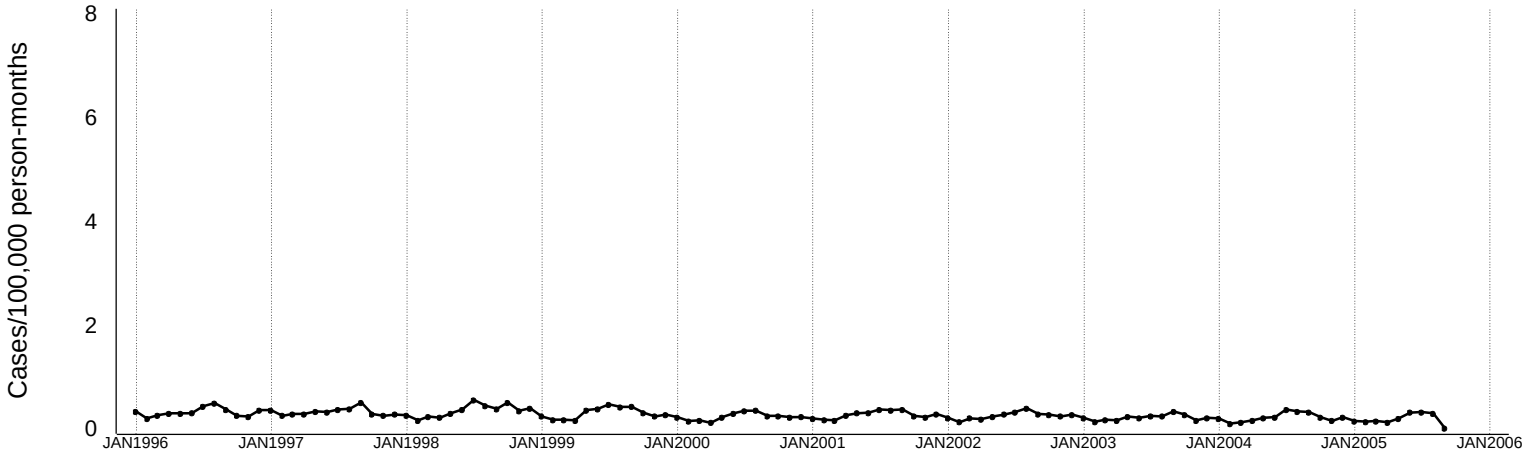
Calendar year through September: Rates for 2004 and 2005 by age group and sex



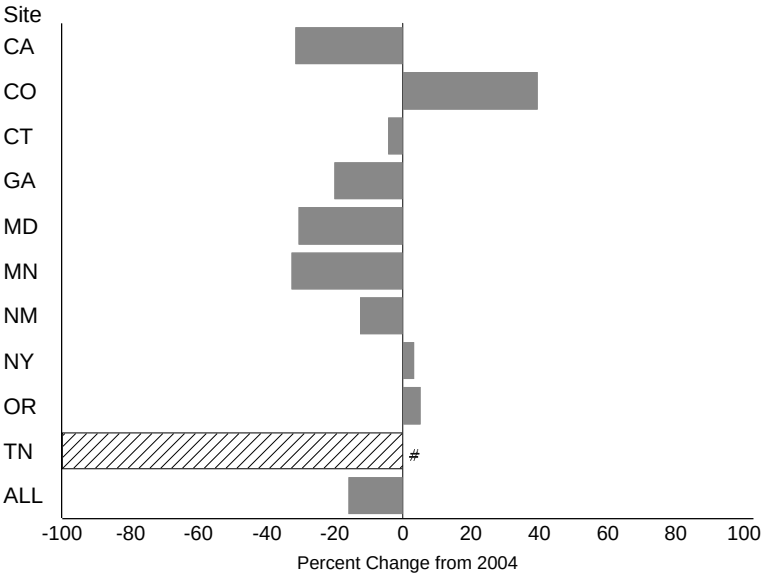
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Salmonella Typhimurium

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



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

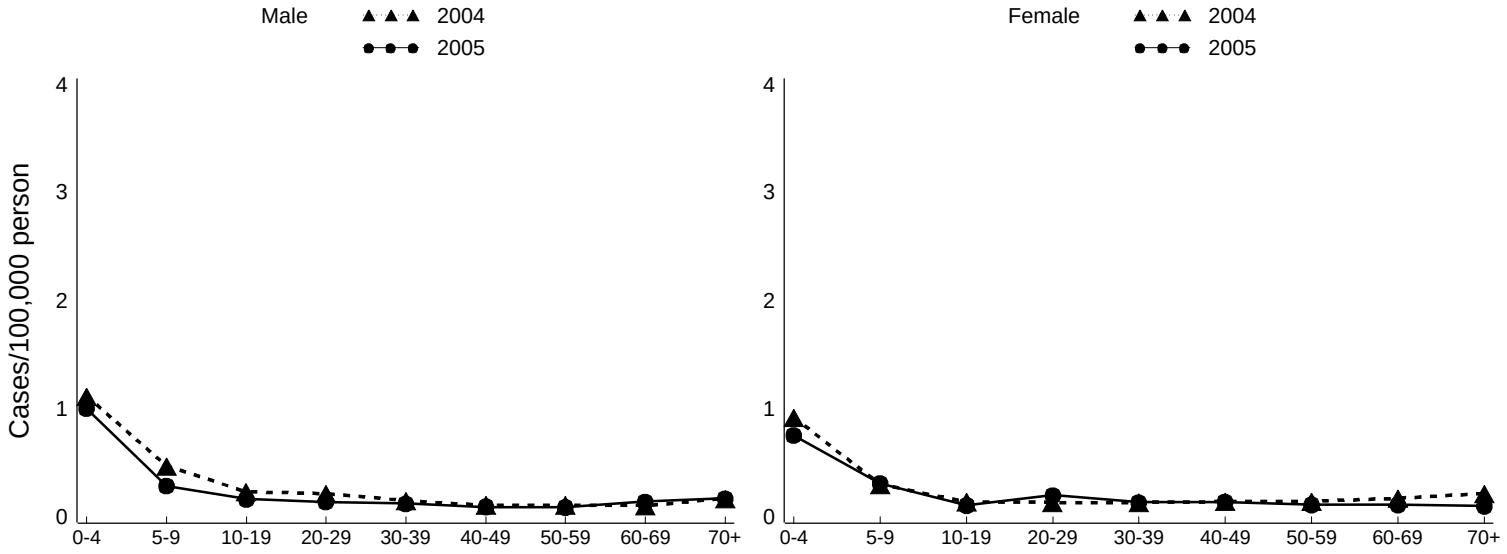


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	48	1.49	70	2.18	60	1.87
CO	78	3.09	56	2.22	57	2.39
CT	68	1.95	71	2.04	71	2.06
GA	156	1.80	195	2.25	207	2.43
MD	73	1.33	105	1.91	100	2.22
MN	83	1.64	123	2.43	124	2.47
NM	35	1.87	40	2.13	40	2.13
NY	67	1.55	65	1.51	63	2.14
OR	63	1.77	60	1.69	59	1.67
TN	0	0.00	134	2.29	100	2.58
ALL	671	1.76	919	2.09	881	2.22

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

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



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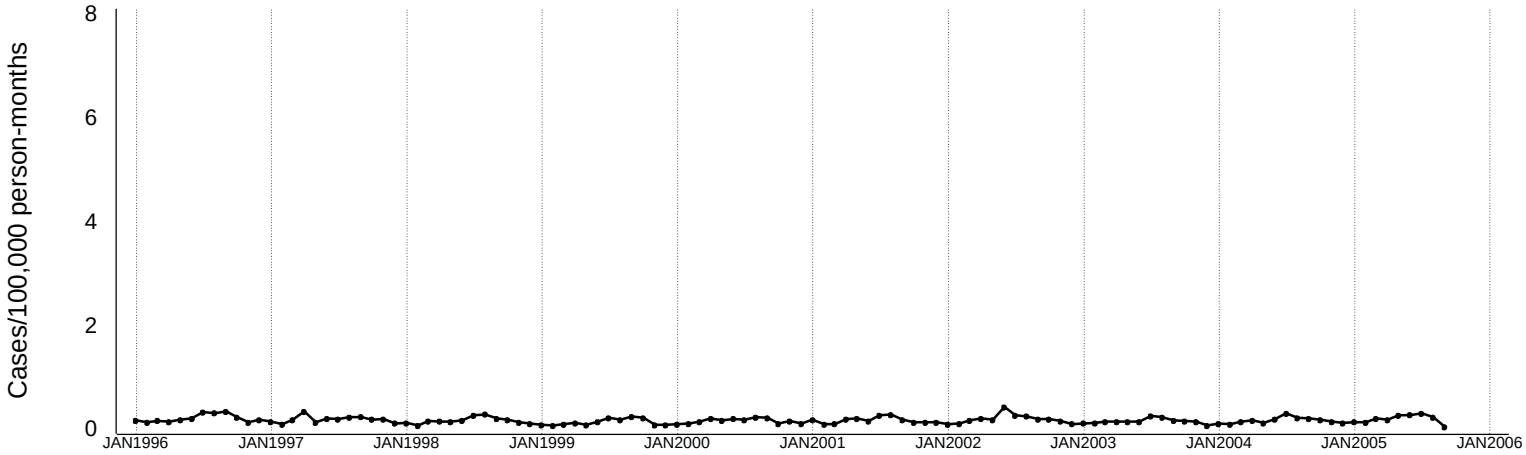
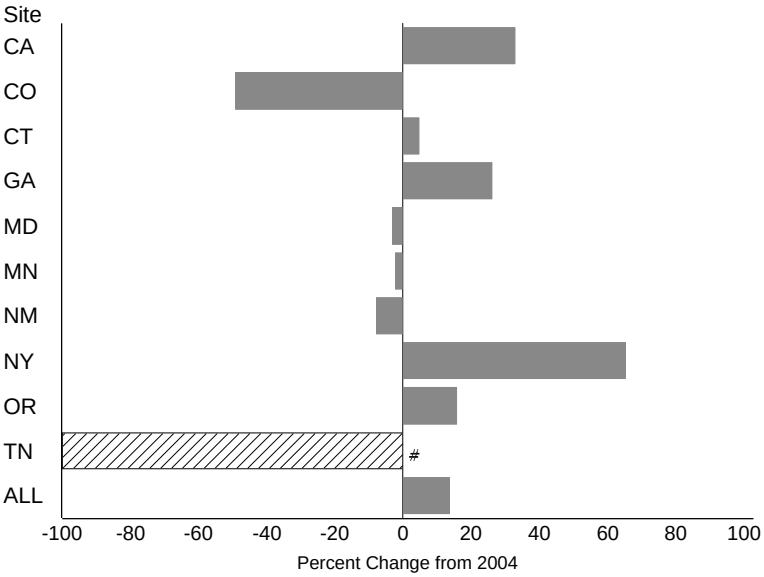
Salmonella Enteritidis

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



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

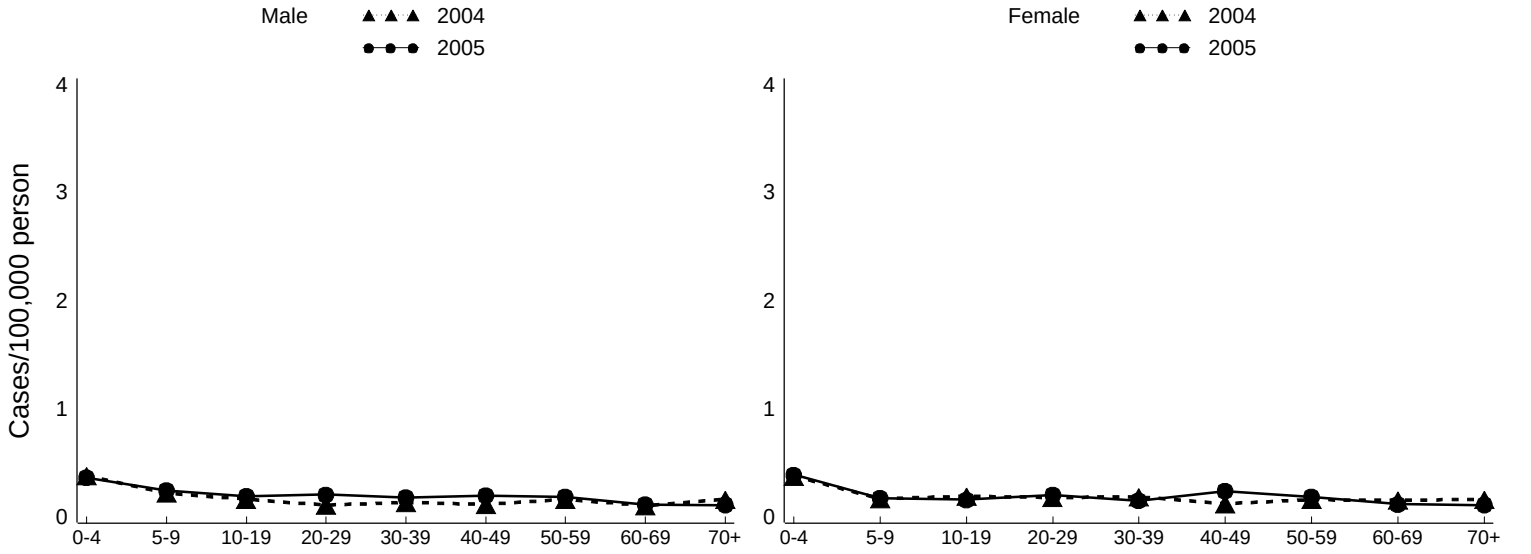


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	73	2.271	55	1.711	53	1.649
CO	28	1.108	55	2.177	42	1.729
CT	90	2.584	86	2.469	80	2.306
GA	92	1.059	73	0.841	71	0.833
MD	153	2.777	158	2.868	147	3.223
MN	92	1.818	94	1.858	87	1.738
NM	12	0.640	13	0.693	13	0.693
NY	76	1.762	46	1.066	61	1.949
OR	59	1.657	51	1.433	40	1.148
TN	0	0.000	54	0.924	34	0.830
ALL	675	1.766	685	1.554	628	1.612

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

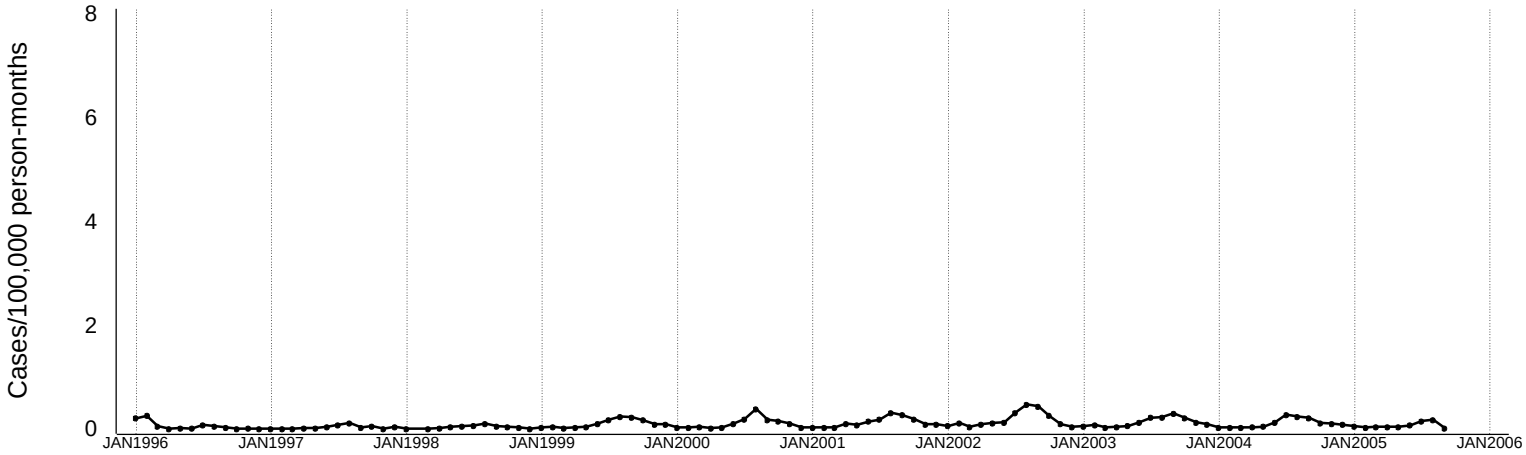
Calendar year through September: Rates for 2004 and 2005 by age group and sex



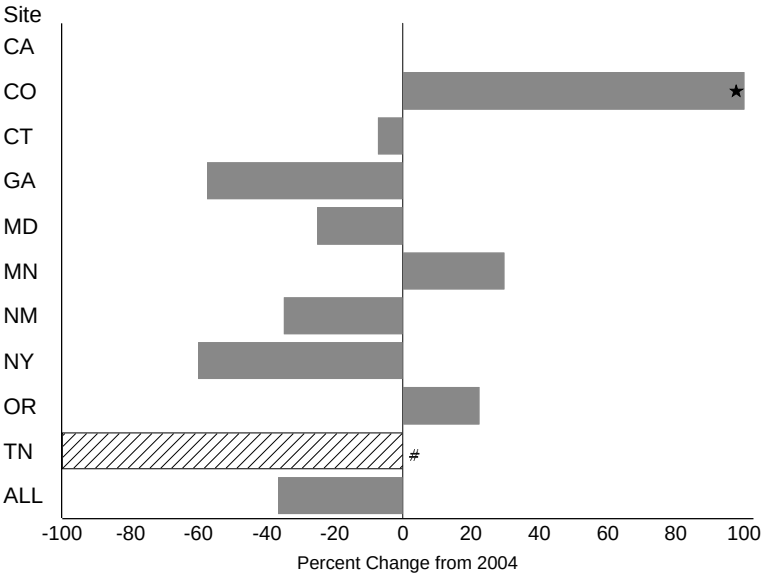
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Salmonella Newport

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



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

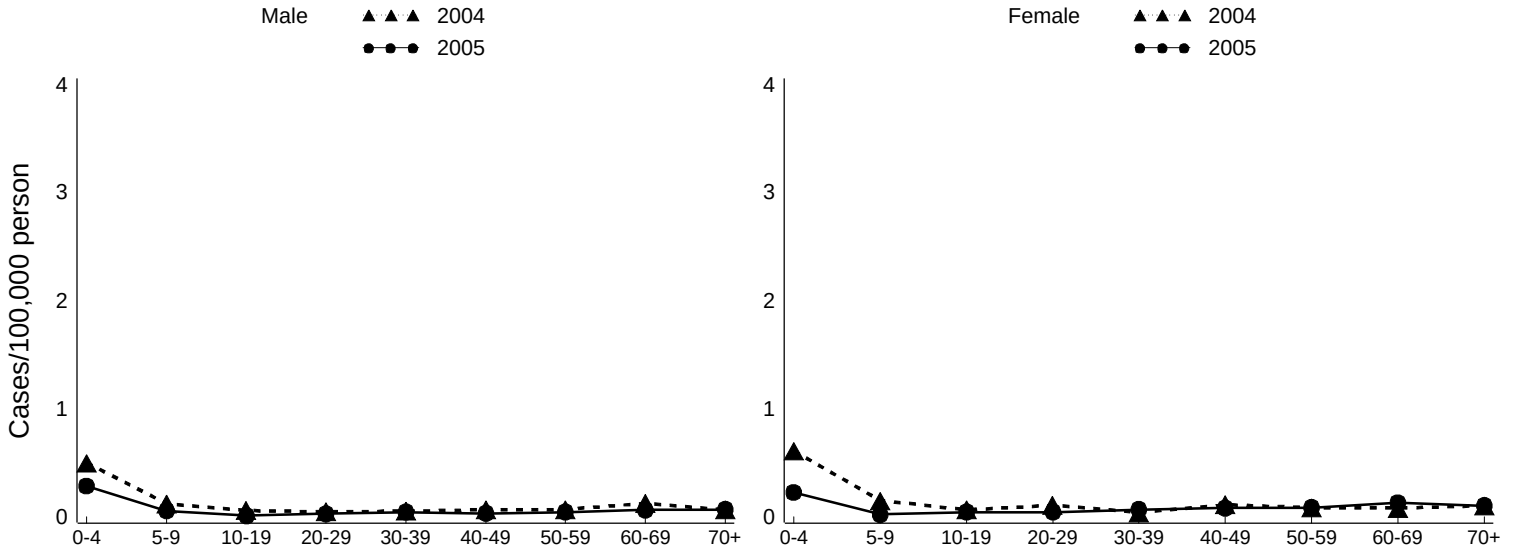


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	12	0.373	12	0.373	22	0.677
CO	30	1.188	10	0.396	18	0.721
CT	13	0.373	14	0.402	28	0.800
GA	97	1.117	227	2.614	215	2.523
MD	24	0.436	32	0.581	39	0.796
MN	35	0.692	27	0.534	33	0.654
NM	15	0.800	23	1.227	23	1.227
NY	14	0.325	35	0.811	37	1.139
OR	11	0.309	9	0.253	19	0.534
TN	0	0.000	67	1.147	61	1.746
ALL	251	0.657	456	1.035	494	1.247

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

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



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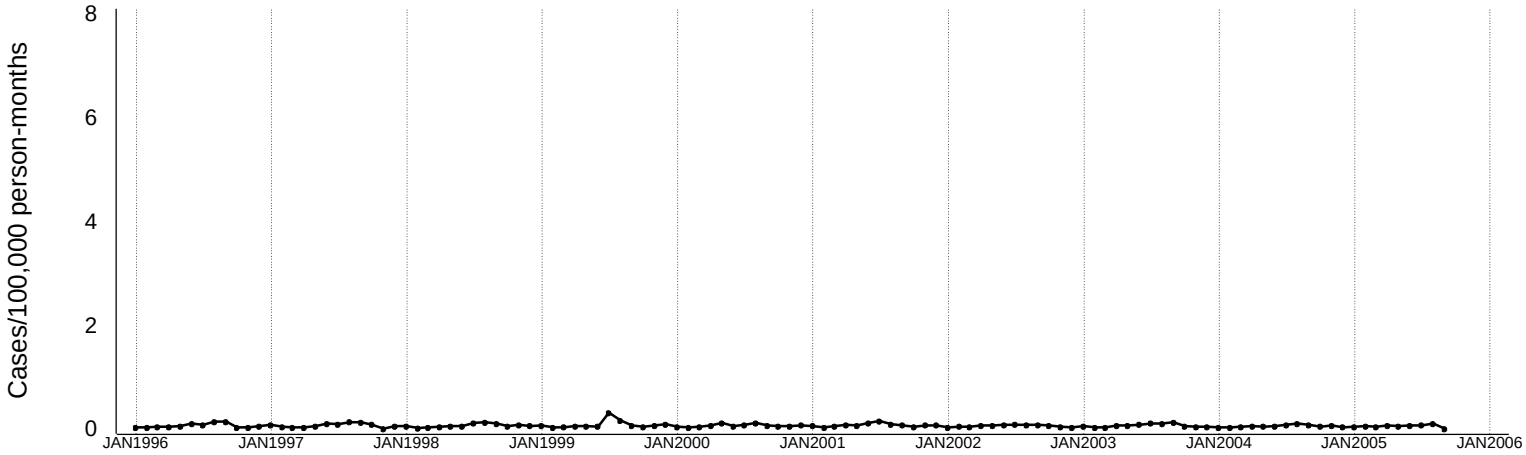
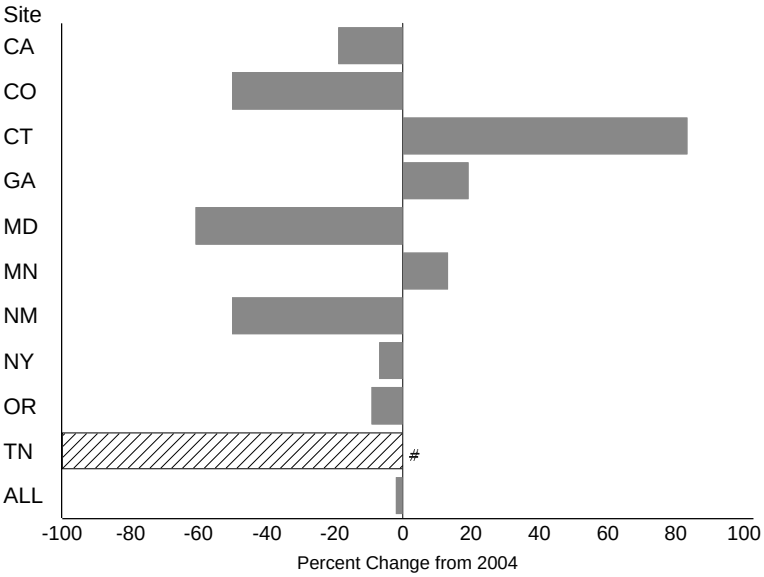
Salmonella Heidelberg

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



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

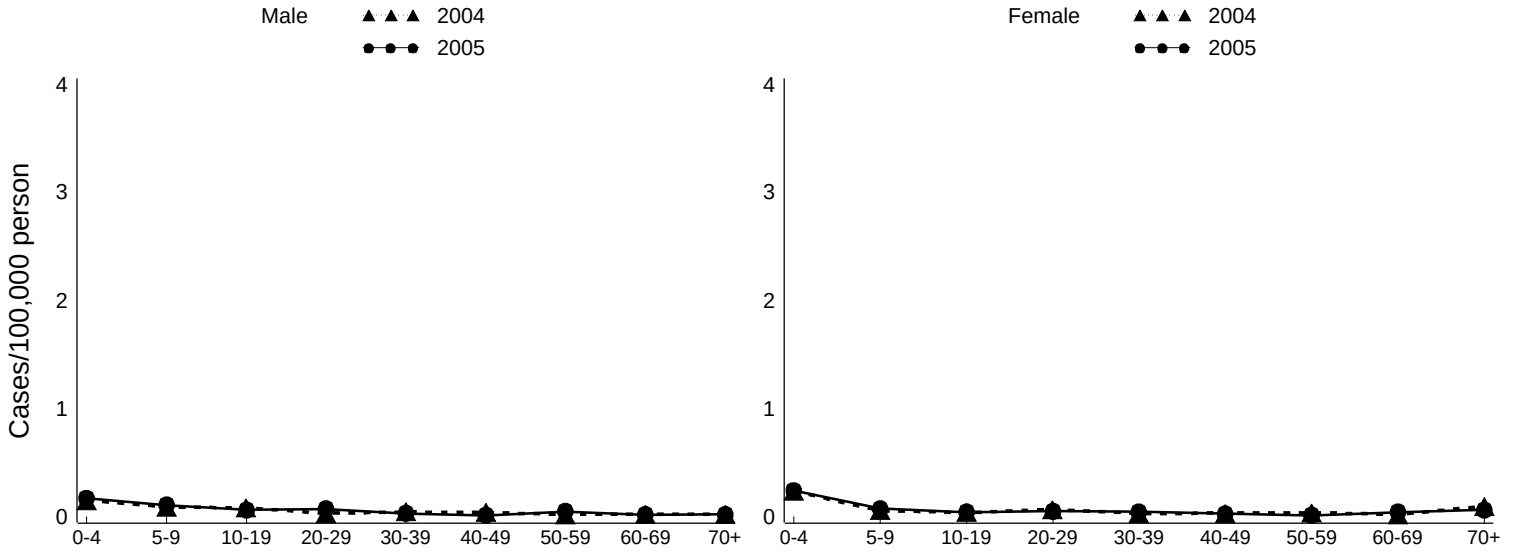


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	30	0.933	37	1.151	35	1.076
CO	6	0.238	12	0.475	15	0.619
CT	22	0.632	12	0.344	15	0.445
GA	50	0.576	42	0.484	54	0.638
MD	11	0.200	28	0.508	25	0.549
MN	26	0.514	23	0.455	37	0.739
NM	3	0.160	6	0.320	6	0.320
NY	27	0.626	29	0.672	27	0.927
OR	30	0.843	33	0.927	19	0.528
TN	0	0.000	19	0.325	19	0.480
ALL	205	0.536	241	0.547	251	0.646

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

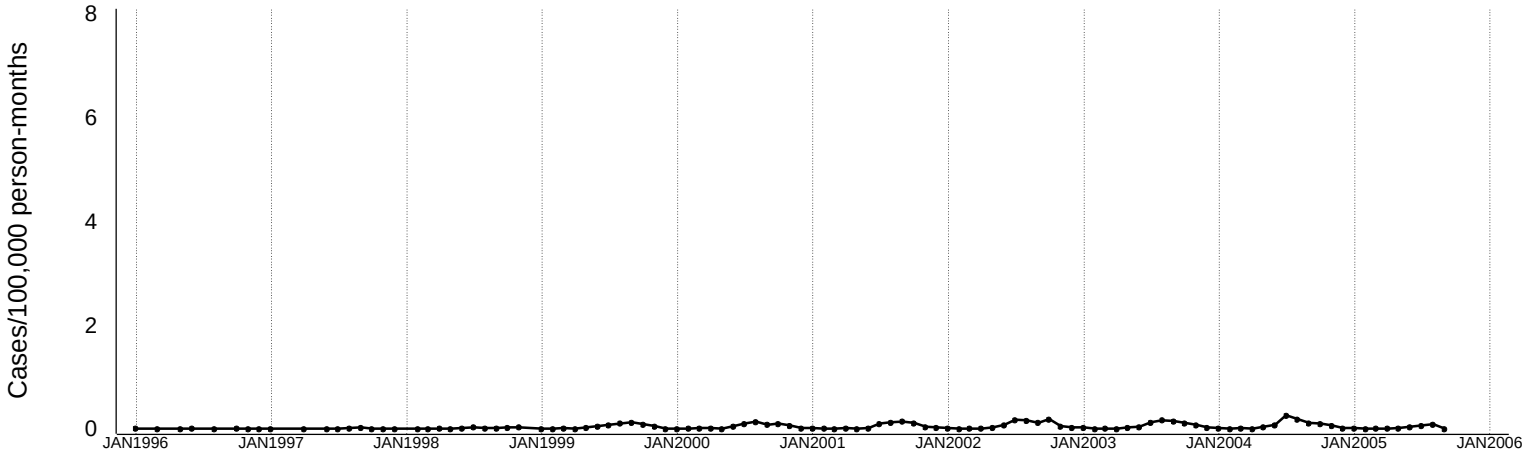
Calendar year through September: Rates for 2004 and 2005 by age group and sex



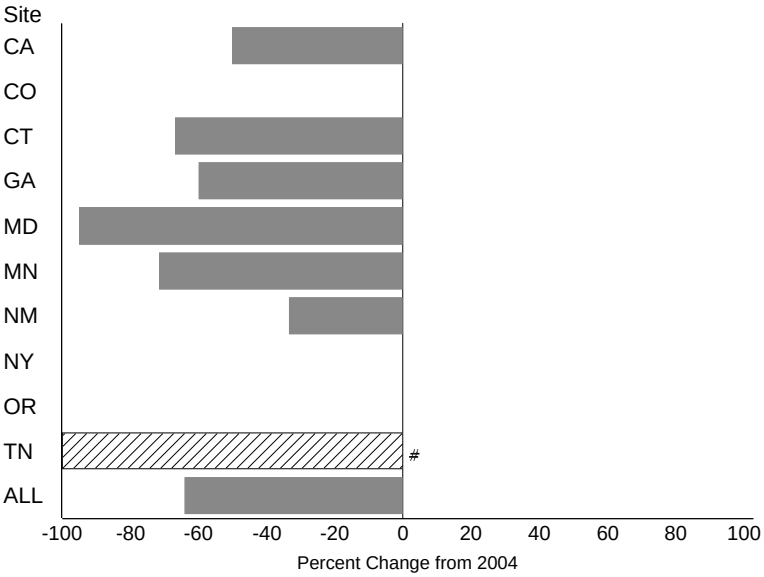
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Salmonella Javiana

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



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

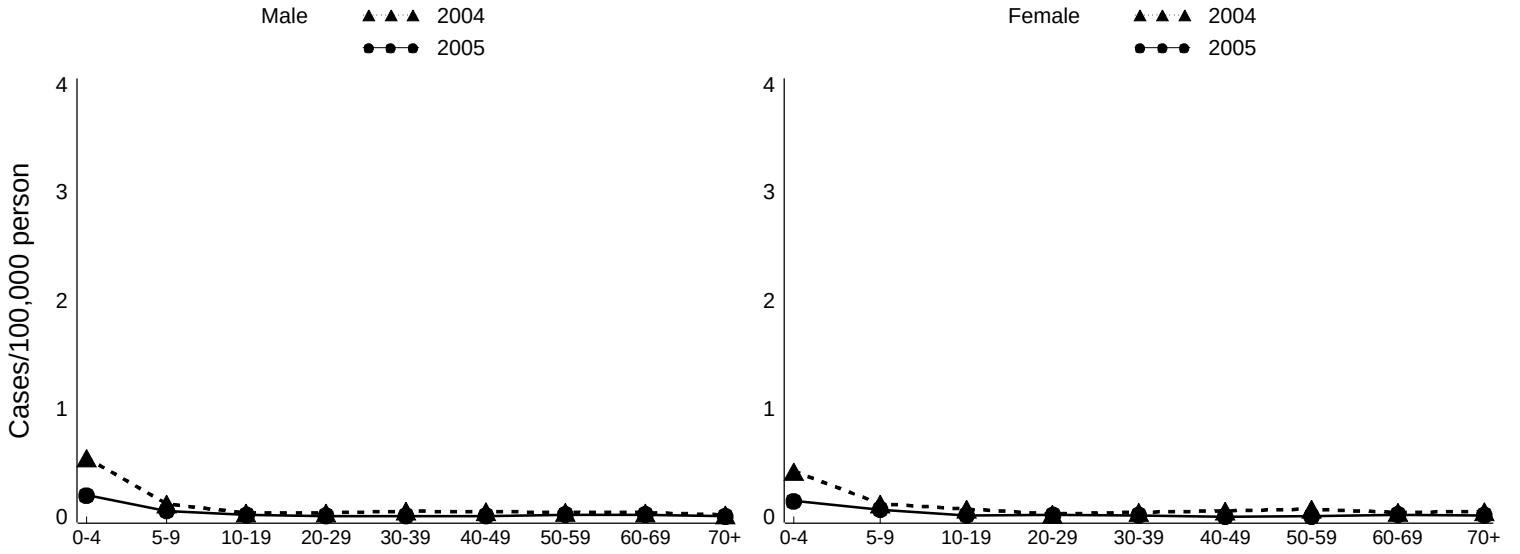


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.031	2	0.062	3	0.106
CO	2	0.079	2	0.079	3	0.109
CT	4	0.115	12	0.344	5	0.138
GA	76	0.875	189	2.176	153	1.795
MD	4	0.073	78	1.416	26	0.508
MN	2	0.040	7	0.138	6	0.112
NM	10	0.533	15	0.800	15	0.800
NY	5	0.116	5	0.116	4	0.094
OR	1	0.028	1	0.028	3	0.086
TN	0	0.000	25	0.428	21	0.574
ALL	105	0.275	336	0.762	239	0.586

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

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



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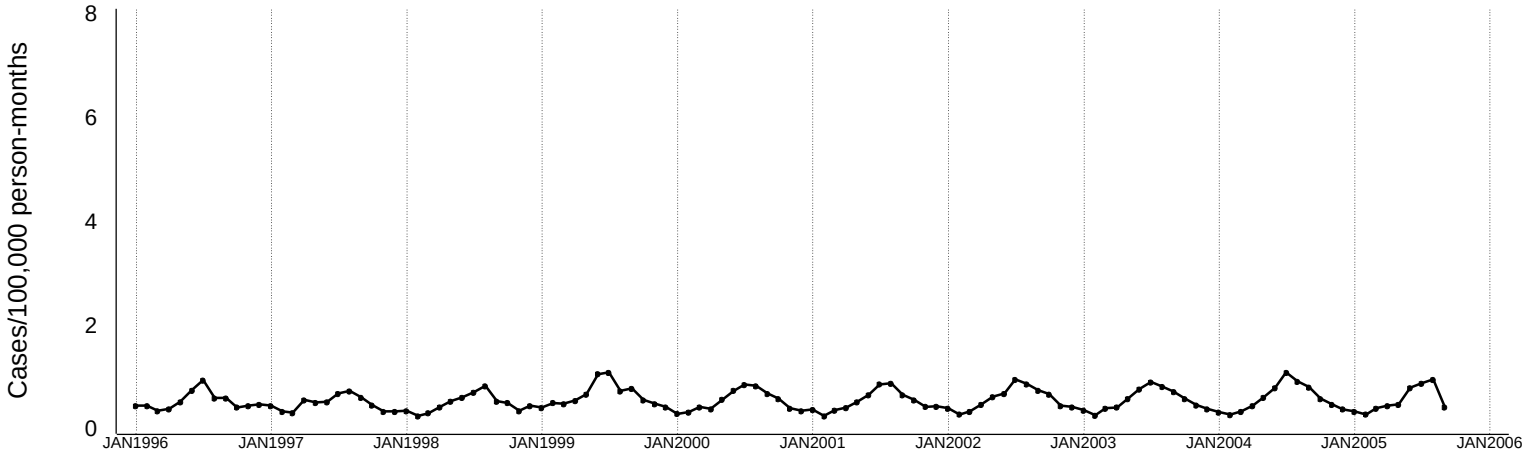
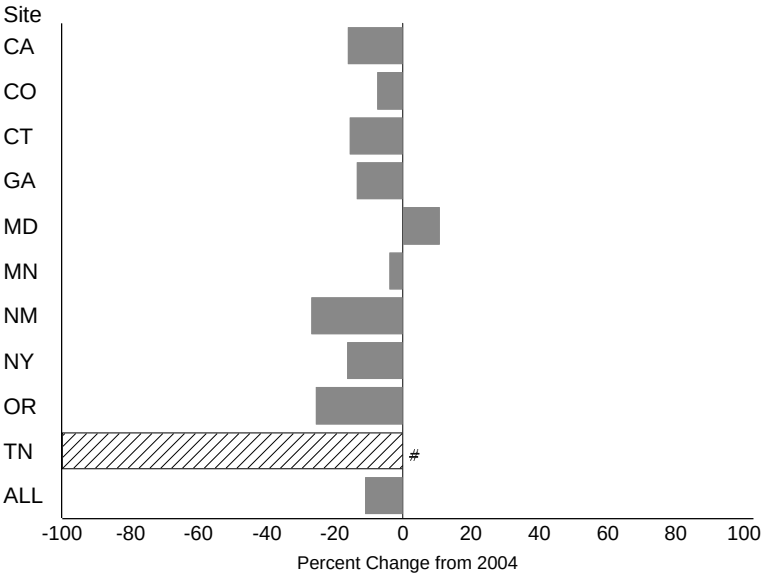
Salmonella, all others

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



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

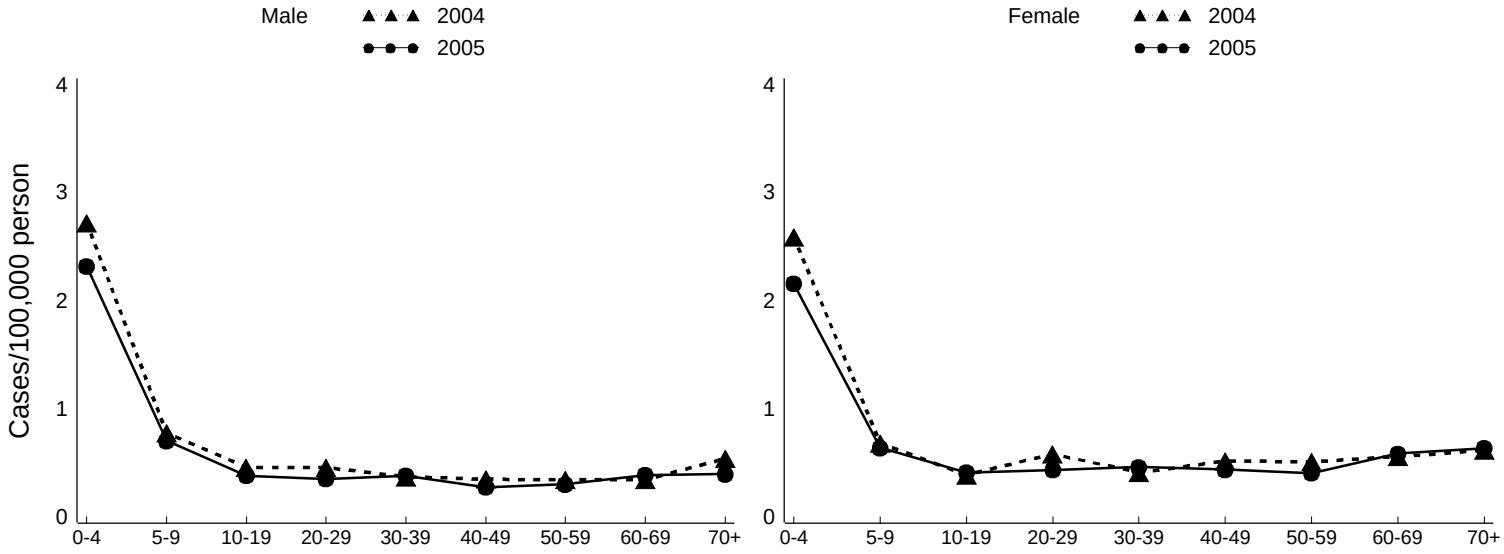


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	158	4.92	188	5.85	201	6.26
CO	112	4.43	121	4.79	100	4.13
CT	148	4.25	175	5.02	150	4.35
GA	644	7.42	744	8.57	640	7.51
MD	292	5.30	264	4.79	228	4.79
MN	198	3.91	206	4.07	203	4.06
NM	88	4.69	120	6.40	120	6.40
NY	156	3.62	186	4.31	124	3.93
OR	114	3.20	153	4.30	127	3.63
TN	0	0.00	318	5.44	227	5.60
ALL	1910	5.00	2475	5.62	2121	5.27

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

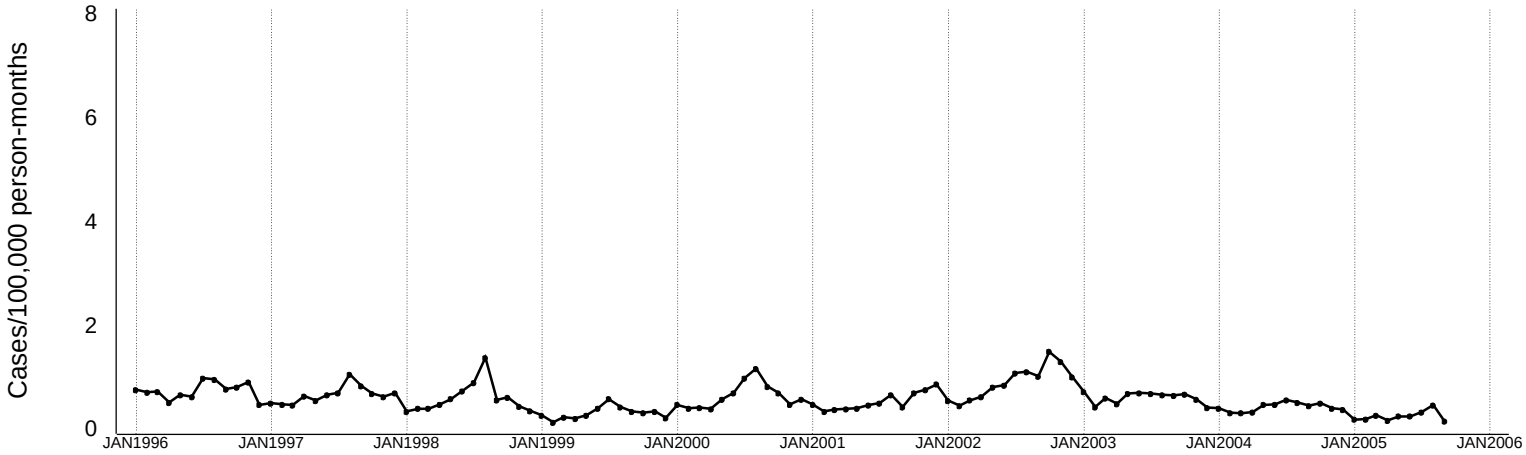
Calendar year through September: Rates for 2004 and 2005 by age group and sex



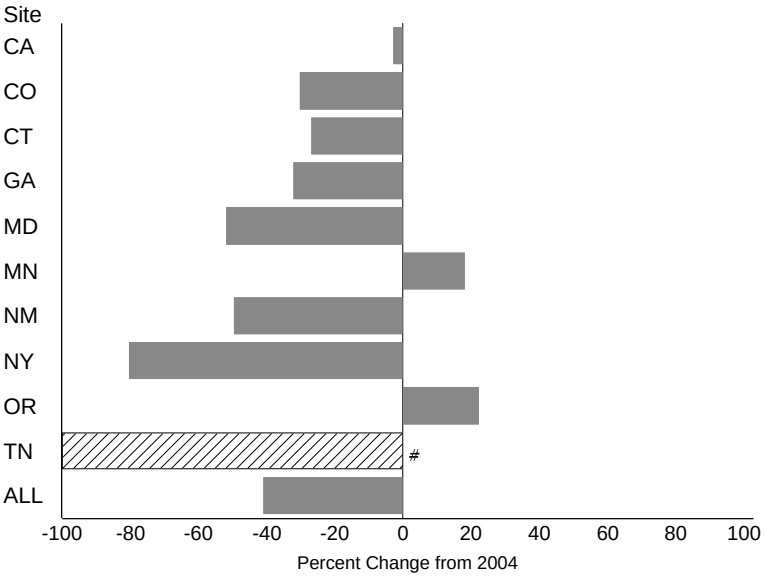
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Shigella, all species

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



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

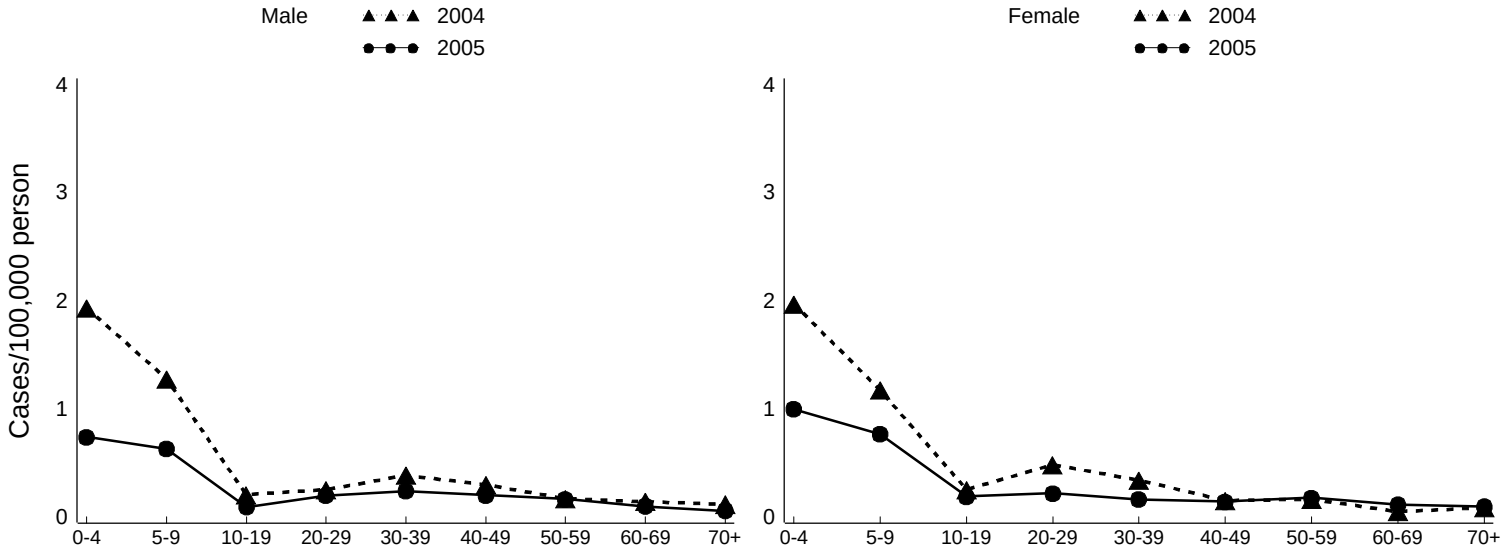


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	174	5.41	179	5.57	296	9.23
CO	51	2.02	73	2.89	111	4.58
CT	41	1.18	56	1.61	55	1.58
GA	324	3.73	477	5.49	592	6.90
MD	55	1.00	114	2.07	309	6.07
MN	66	1.30	56	1.11	272	5.48
NM	53	2.83	105	5.60	105	5.60
NY	40	0.93	202	4.68	76	2.02
OR	61	1.71	50	1.40	75	2.14
TN	0	0.00	371	6.35	199	4.77
ALL	865	2.26	1683	3.82	2090	5.28

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

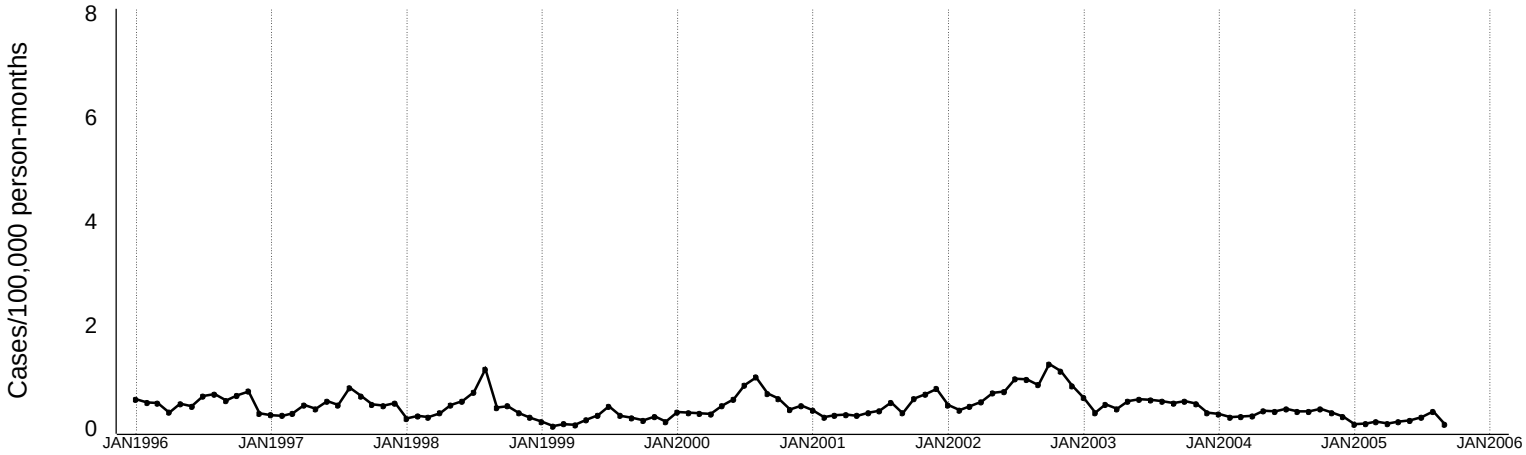
Calendar year through September: Rates for 2004 and 2005 by age group and sex



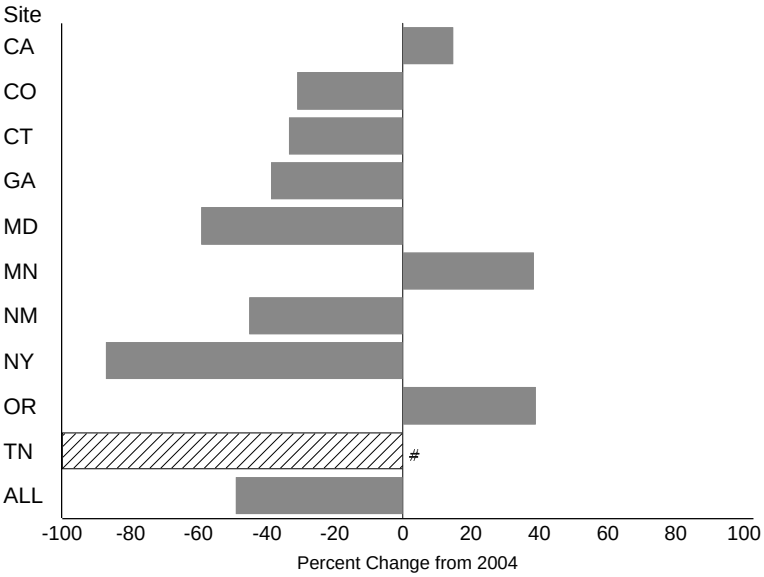
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Shigella sonnei

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



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

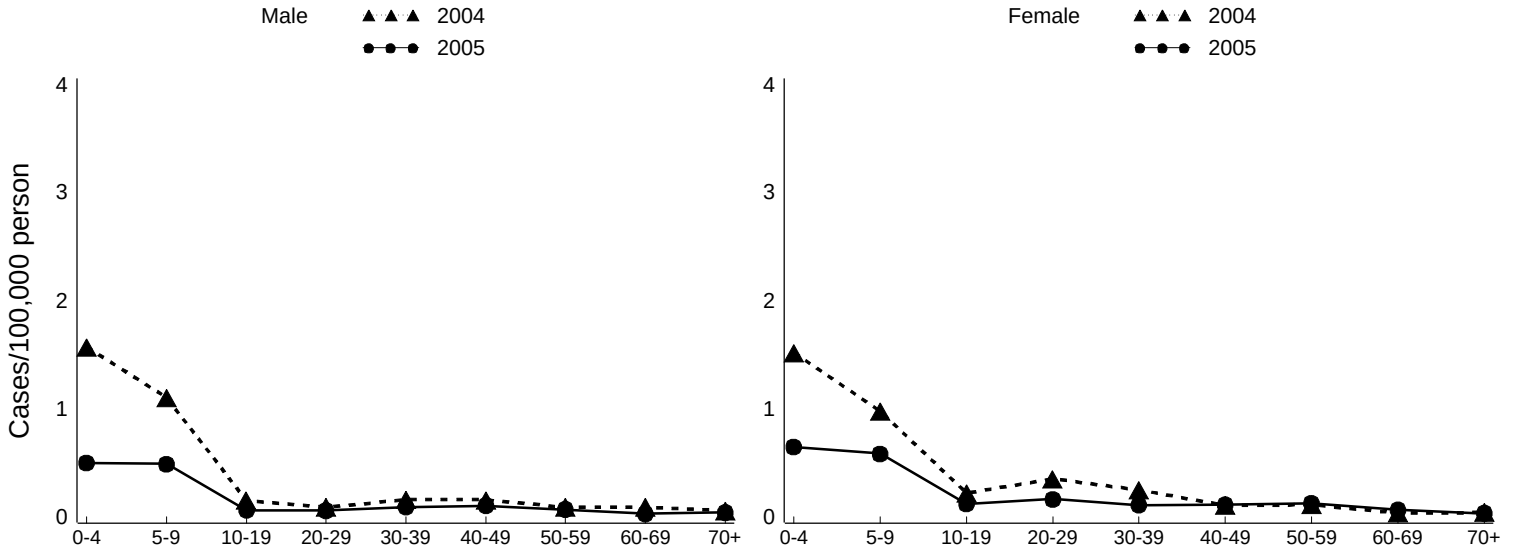


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	94	2.925	82	2.551	188	5.860
CO	29	1.148	42	1.663	78	3.229
CT	24	0.689	36	1.033	38	1.100
GA	216	2.487	352	4.053	477	5.551
MD	27	0.490	66	1.198	271	5.253
MN	47	0.929	34	0.672	245	4.940
NM	33	1.760	60	3.201	60	3.201
NY	25	0.579	191	4.427	68	1.754
OR	43	1.208	31	0.871	43	1.217
TN	0	0.000	321	5.495	166	3.944
ALL	538	1.407	1215	2.757	1634	4.186

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

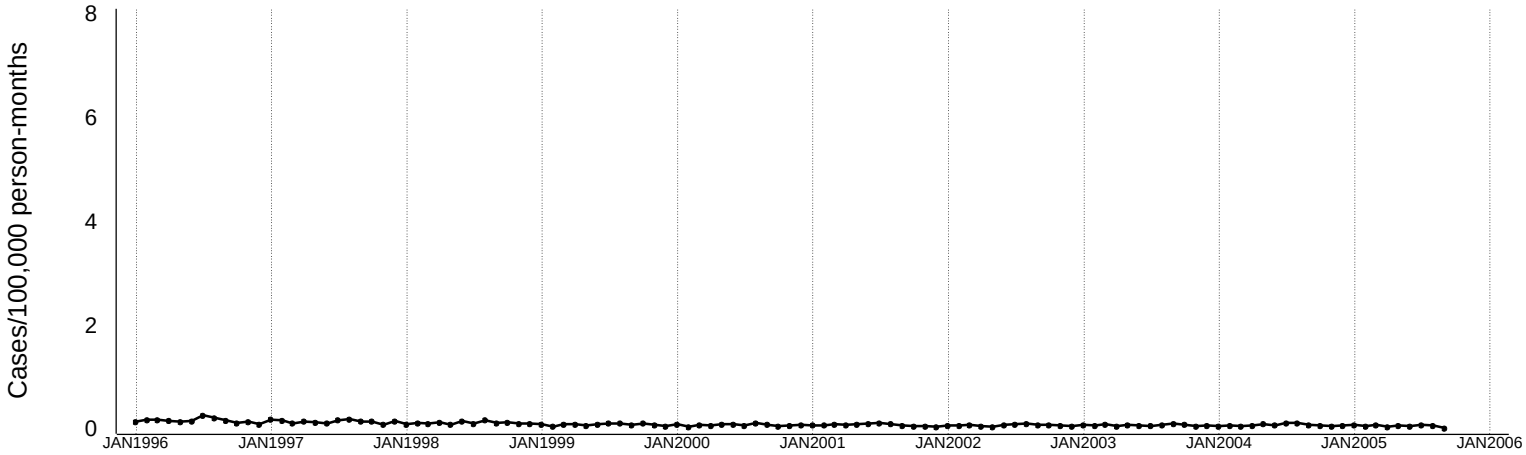
Calendar year through September: Rates for 2004 and 2005 by age group and sex



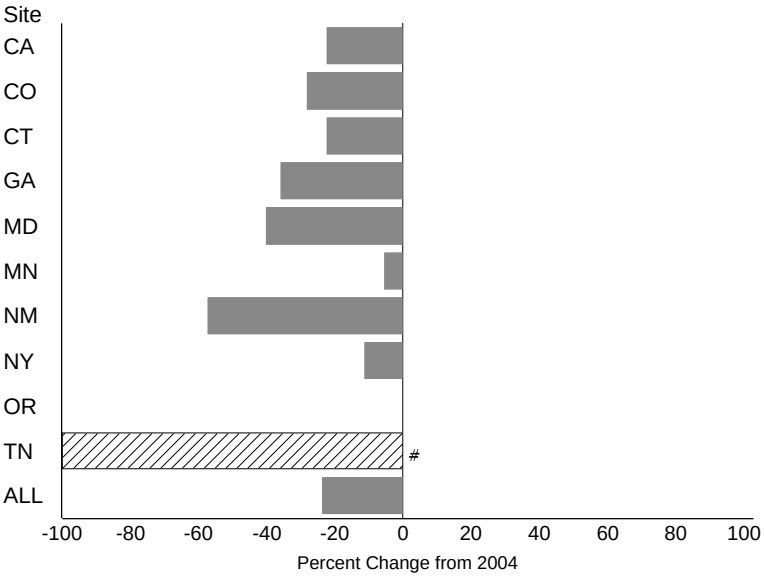
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Shigella flexneri

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



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

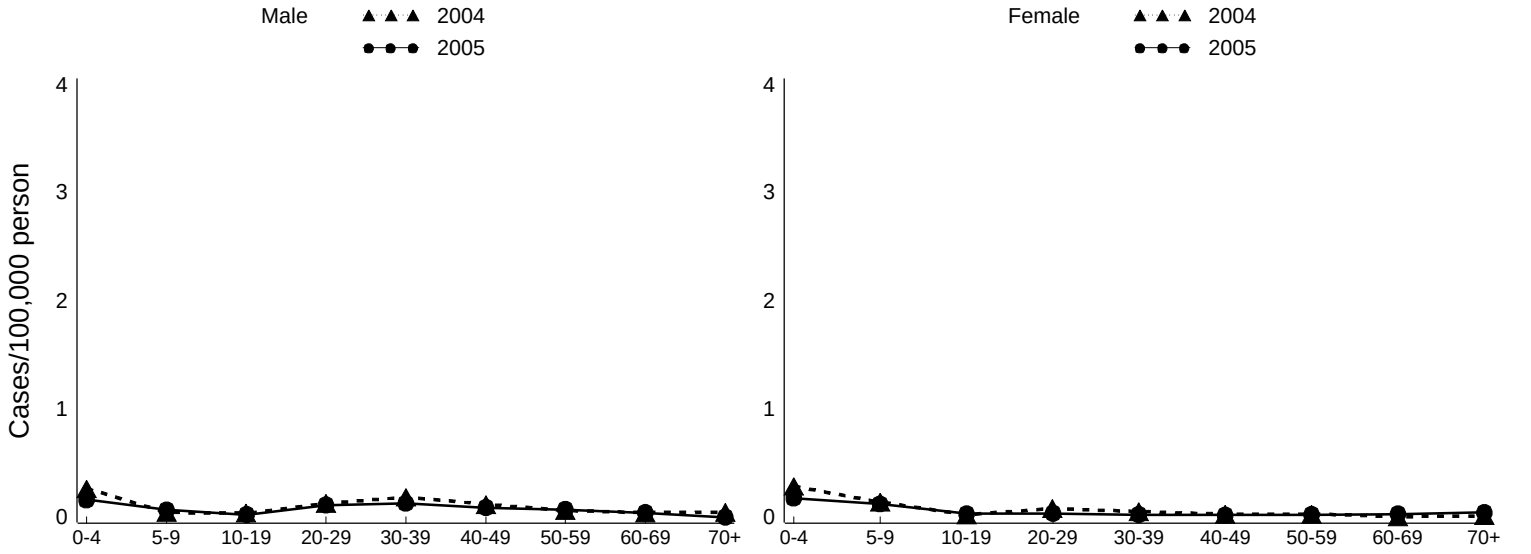


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	56	1.742	72	2.240	80	2.485
CO	18	0.713	25	0.990	25	1.042
CT	14	0.402	18	0.517	14	0.416
GA	45	0.518	70	0.806	58	0.683
MD	24	0.436	40	0.726	29	0.616
MN	18	0.356	19	0.376	22	0.439
NM	18	0.960	42	2.240	42	2.240
NY	8	0.185	9	0.209	7	0.226
OR	17	0.478	17	0.478	29	0.829
TN	0	0.000	17	0.291	10	0.253
ALL	218	0.570	329	0.747	317	0.736

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

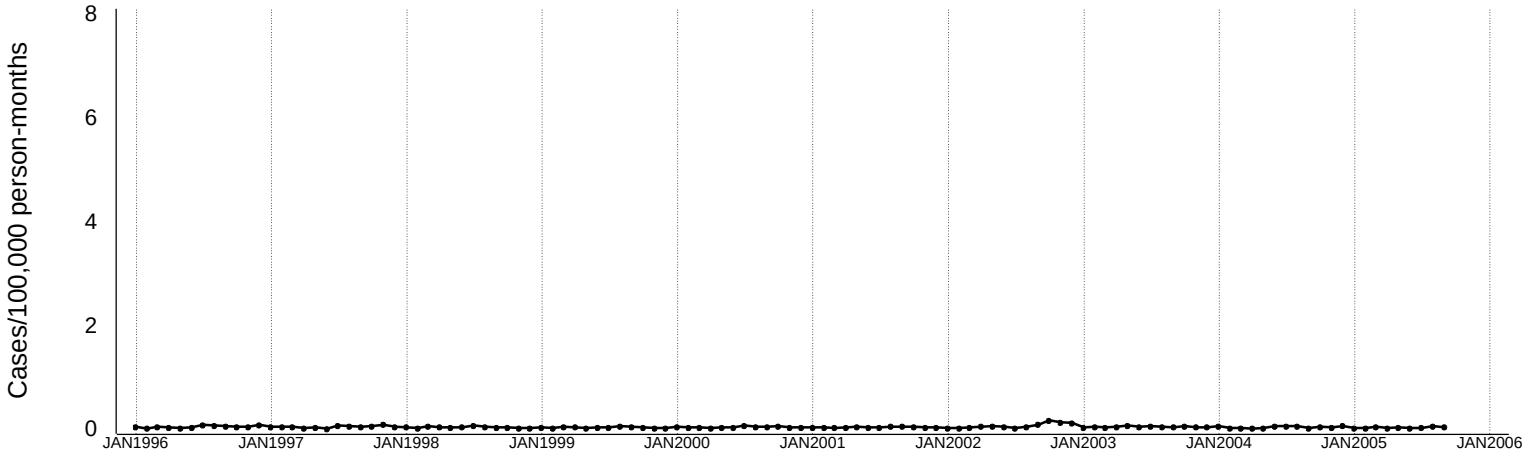
Calendar year through September: Rates for 2004 and 2005 by age group and sex



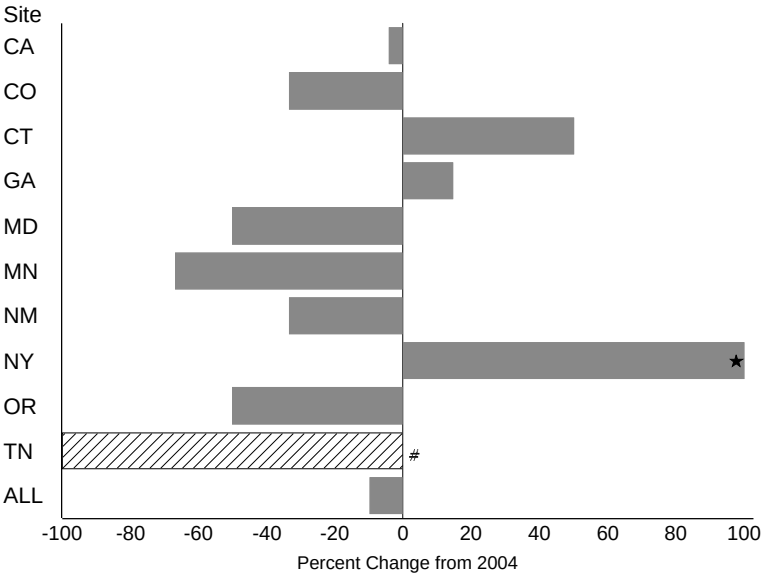
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Shigella, all others

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



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

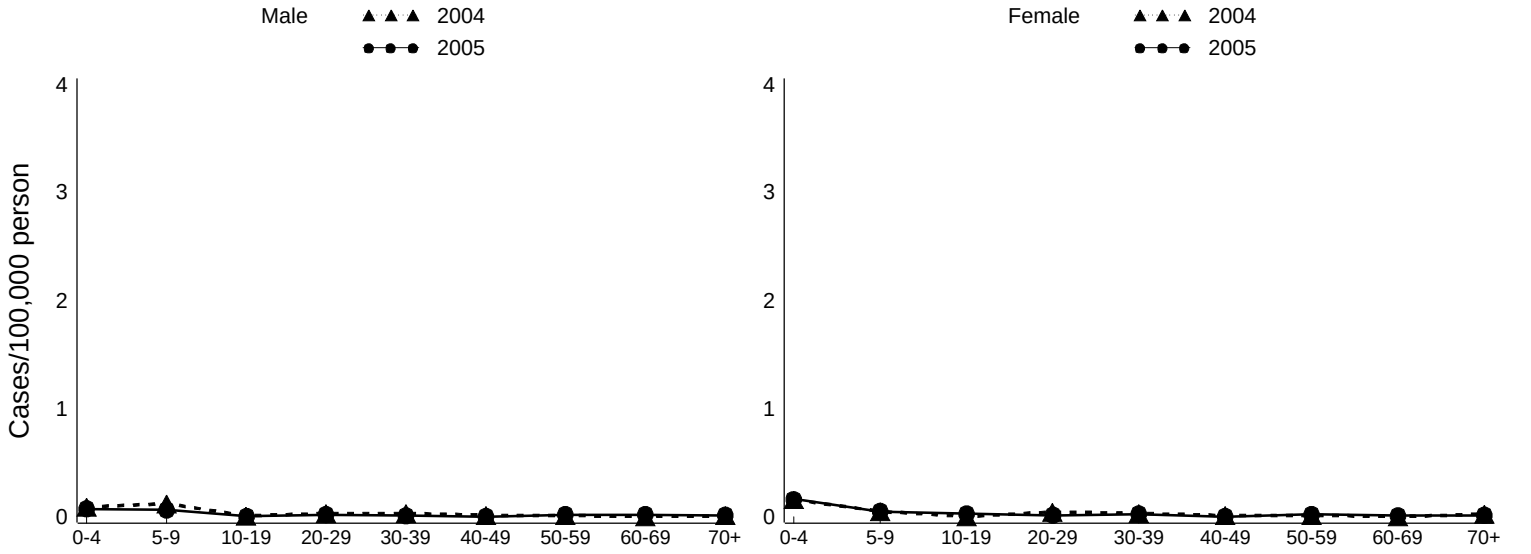


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	24	0.747	25	0.778	28	0.884
CO	4	0.158	6	0.238	7	0.306
CT	3	0.086	2	0.057	2	0.064
GA	63	0.725	55	0.633	57	0.662
MD	4	0.073	8	0.145	9	0.200
MN	1	0.020	3	0.059	5	0.096
NM	2	0.107	3	0.160	3	0.160
NY	7	0.162	2	0.046	1	0.044
OR	1	0.028	2	0.056	3	0.097
TN	0	0.000	33	0.565	23	0.567
ALL	109	0.285	139	0.315	139	0.358

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

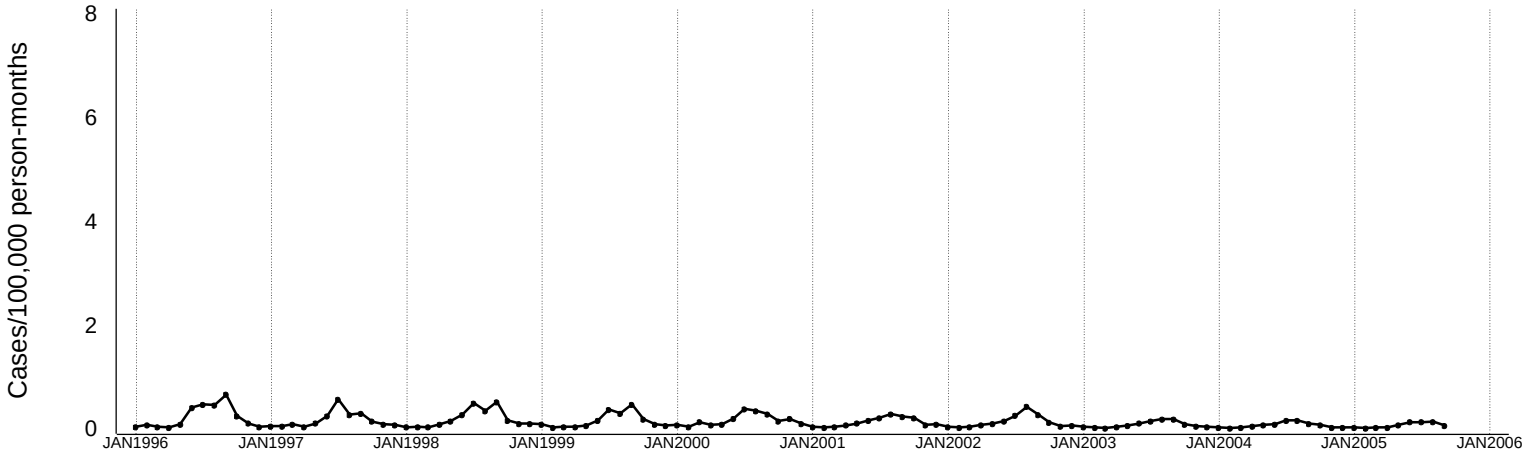
Calendar year through September: Rates for 2004 and 2005 by age group and sex



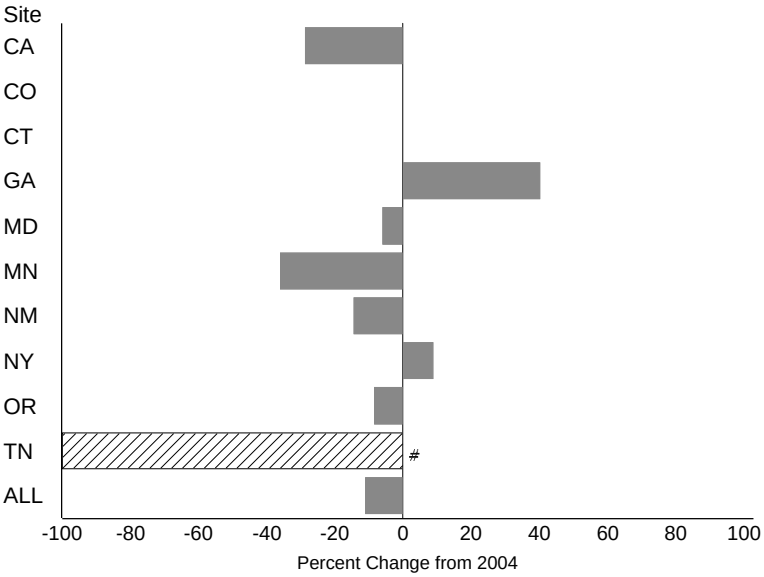
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

E. coli O157

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



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

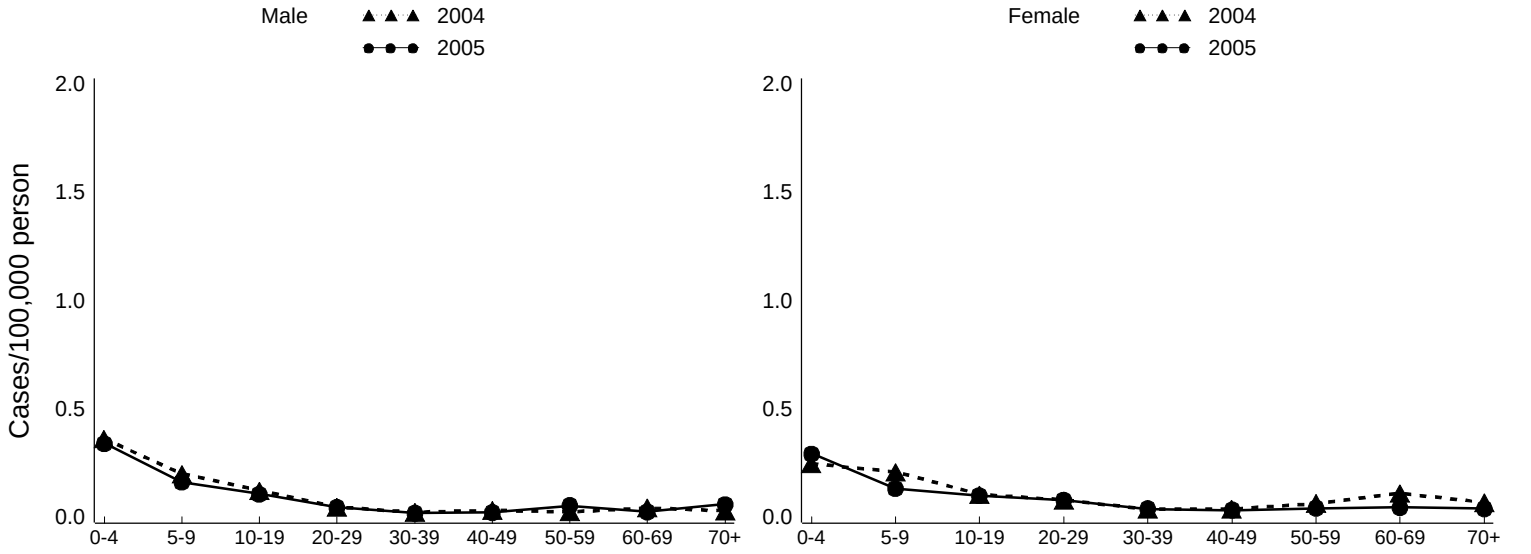


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	15	0.467	21	0.653	28	0.872
CO	19	0.752	19	0.752	34	1.408
CT	26	0.746	26	0.746	40	1.167
GA	21	0.242	15	0.173	29	0.340
MD	16	0.290	17	0.309	17	0.394
MN	64	1.265	100	1.977	136	2.722
NM	6	0.320	7	0.373	7	0.373
NY	50	1.159	46	1.066	42	1.470
OR	44	1.236	48	1.348	88	2.512
TN	0	0.000	39	0.668	28	0.732
ALL	261	0.683	338	0.767	450	1.194

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

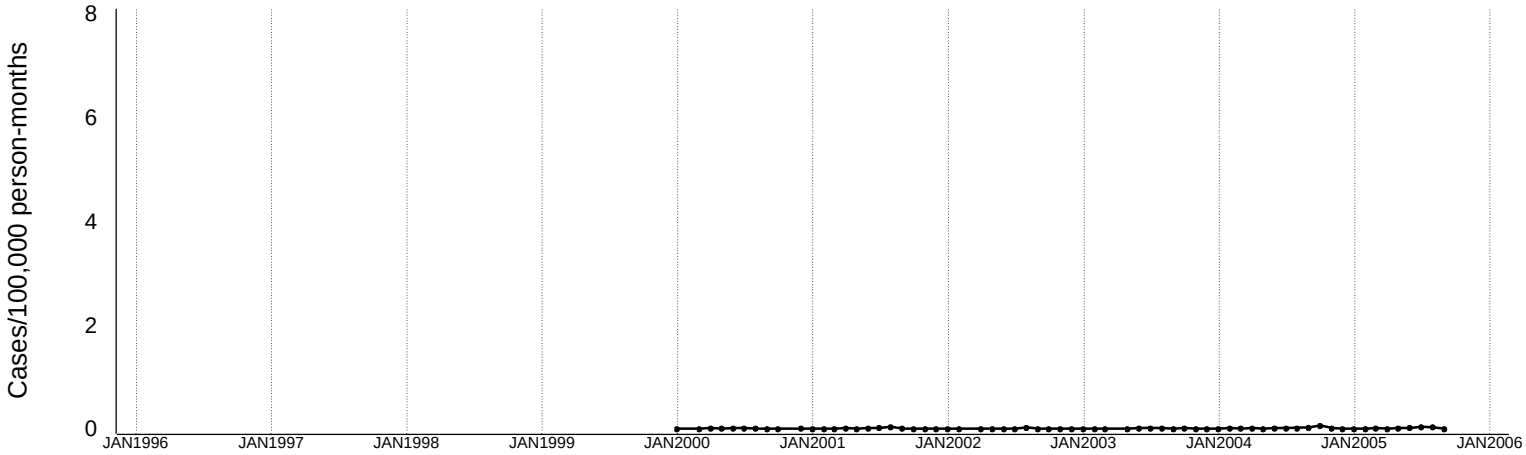
Calendar year through September: Rates for 2004 and 2005 by age group and sex



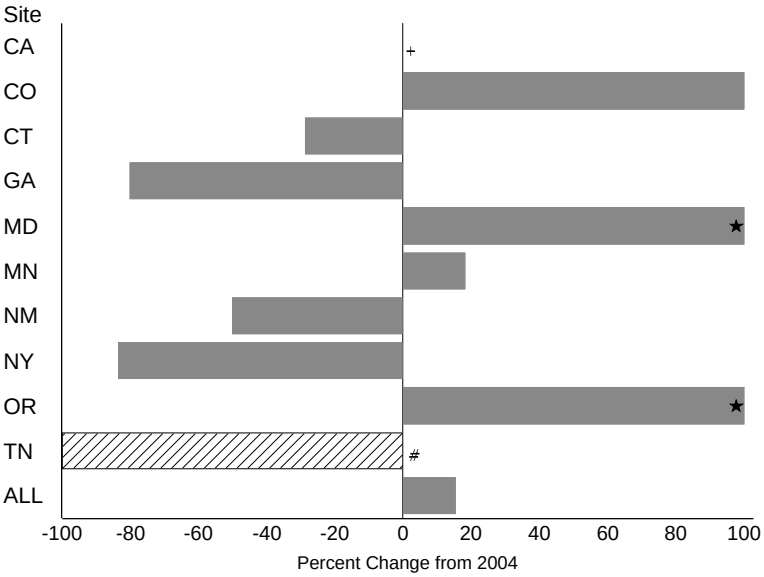
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

STEC Non-O157

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



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

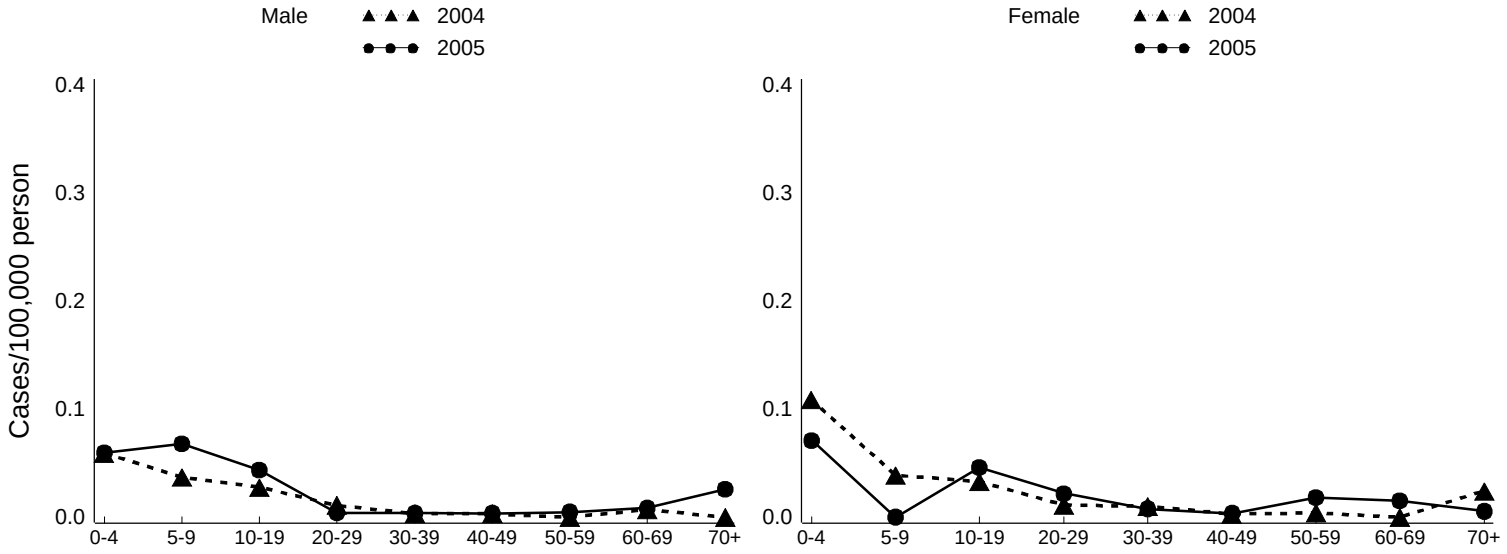


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	0	0.000	0	0.000	0	0.000
CO	2	0.079	1	0.040	2	0.076
CT	15	0.431	21	0.603	16	0.468
GA	1	0.012	5	0.058	3	0.033
MD	29	0.526	9	0.163	2	0.041
MN	13	0.257	11	0.217	14	0.276
NM	3	0.160	6	0.320	6	0.320
NY	2	0.046	12	0.278	3	0.061
OR	3	0.084	1	0.028	2	0.068
TN	0	0.000	2	0.034	1	0.017
ALL	68	0.178	68	0.154	48	0.113

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

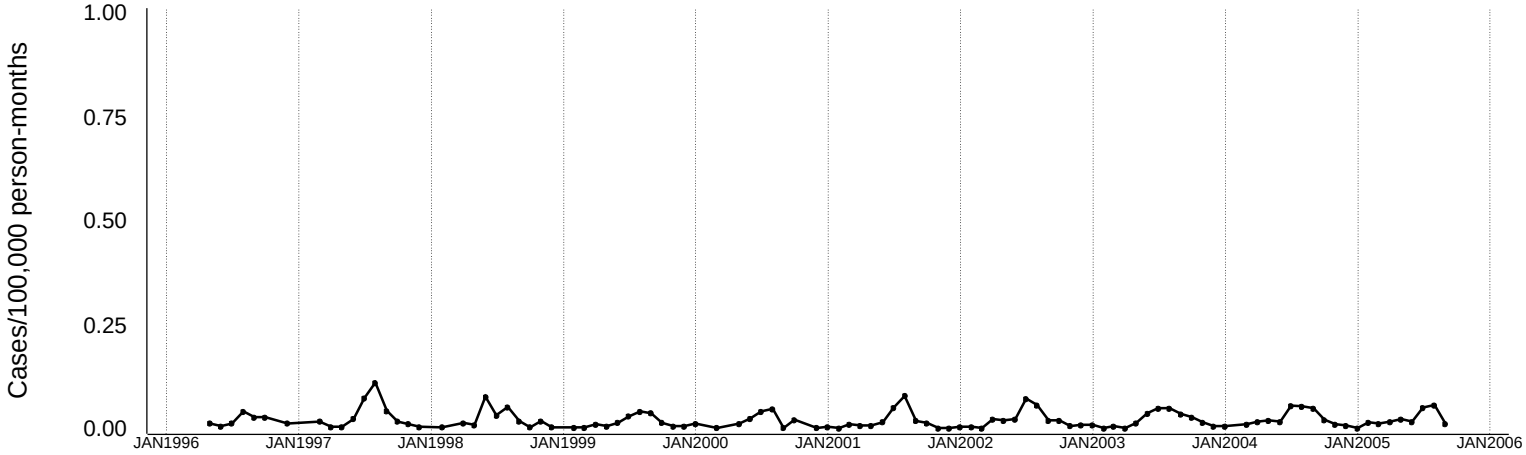
Calendar year through September: Rates for 2004 and 2005 by age group and sex



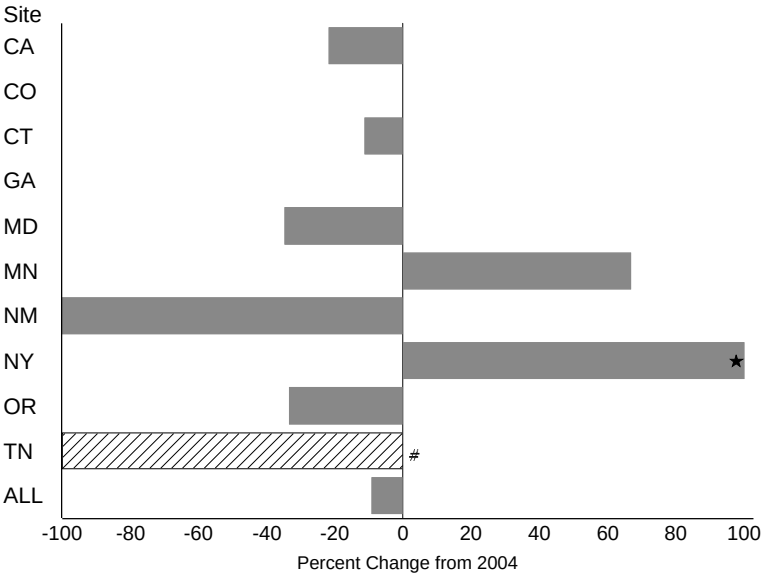
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Vibrio, all species

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



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

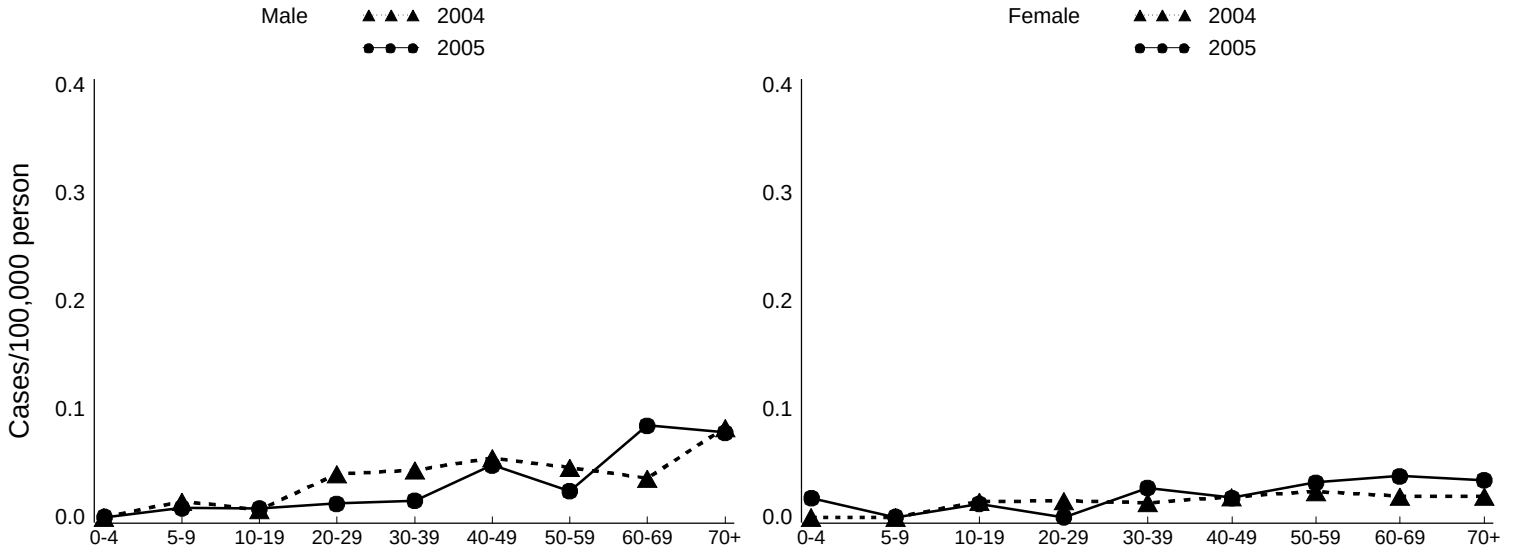


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	18	0.560	23	0.716	15	0.467
CO	6	0.238	6	0.238	4	0.147
CT	8	0.230	9	0.258	9	0.249
GA	17	0.196	17	0.196	17	0.203
MD	17	0.309	26	0.472	17	0.344
MN	5	0.099	3	0.059	3	0.064
NM	0	0.000	1	0.053	1	0.053
NY	5	0.116	1	0.023	3	0.078
OR	6	0.169	9	0.253	8	0.222
TN	0	0.000	9	0.154	5	0.128
ALL	82	0.215	104	0.236	81	0.207

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

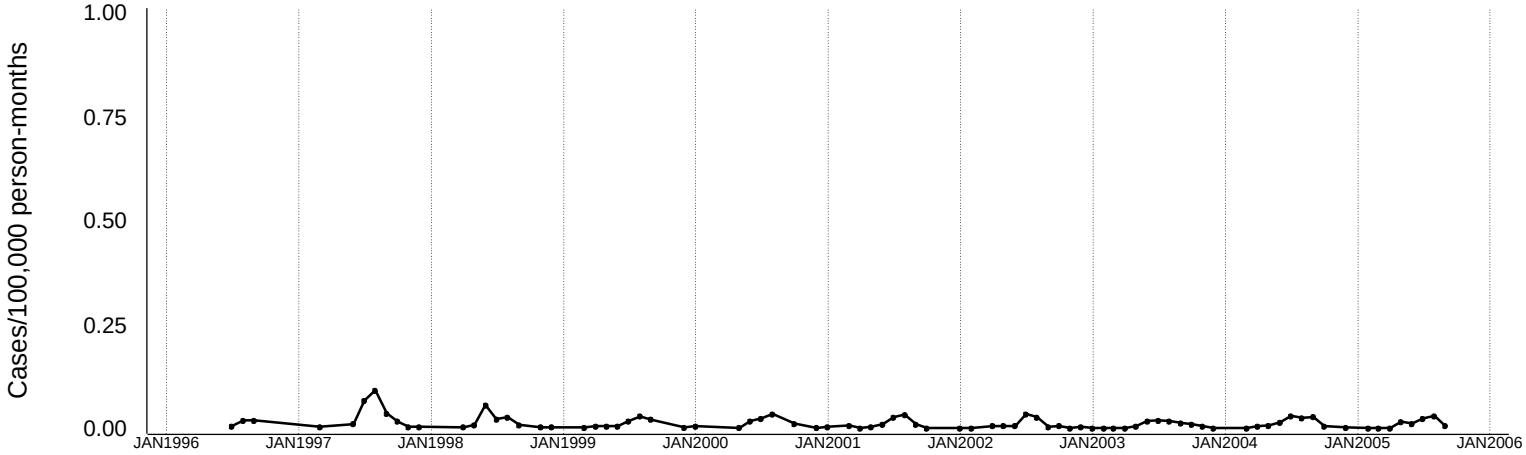
Calendar year through September: Rates for 2004 and 2005 by age group and sex



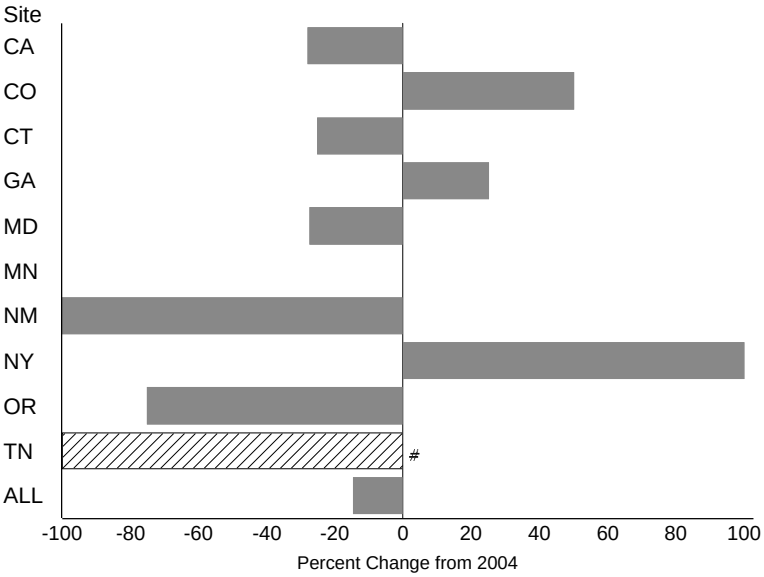
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Vibrio parahaemolyticus

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



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

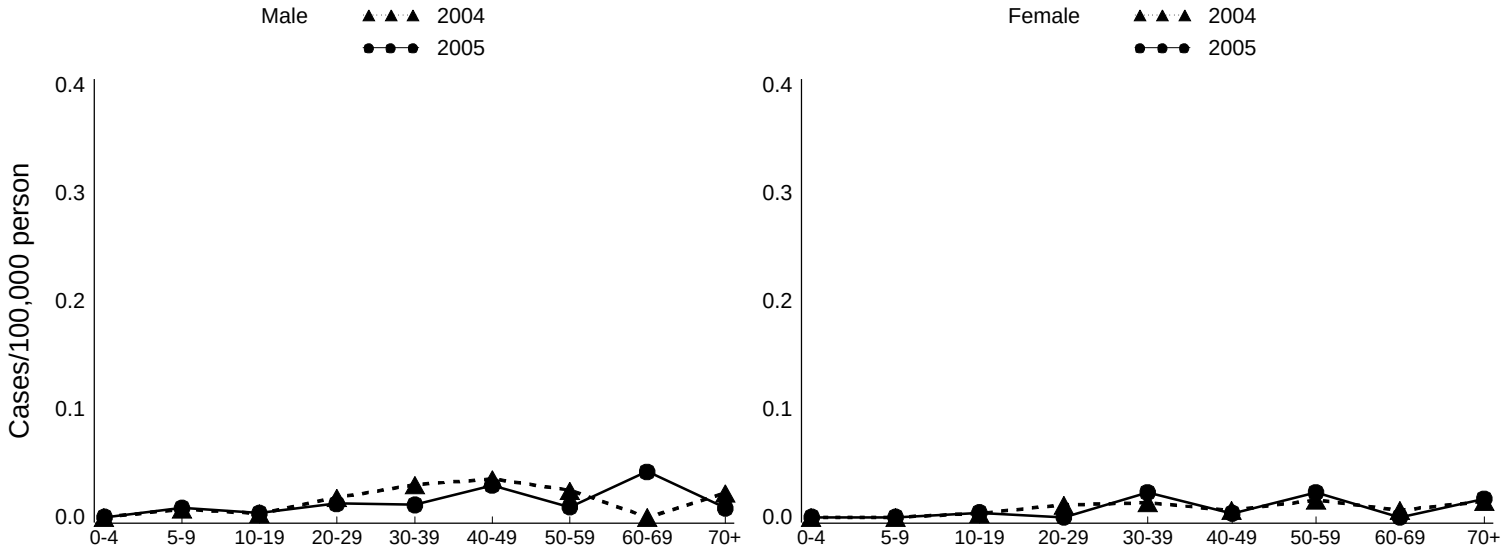


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	13	0.404	18	0.560	11	0.349
CO	6	0.238	4	0.158	1	0.040
CT	3	0.086	4	0.115	5	0.133
GA	5	0.058	4	0.046	4	0.049
MD	8	0.145	11	0.200	8	0.166
MN	1	0.020	1	0.020	1	0.024
NM	0	0.000	1	0.053	1	0.053
NY	2	0.046	1	0.023	1	0.027
OR	2	0.056	8	0.225	6	0.182
TN	0	0.000	2	0.034	2	0.035
ALL	40	0.105	54	0.123	40	0.103

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

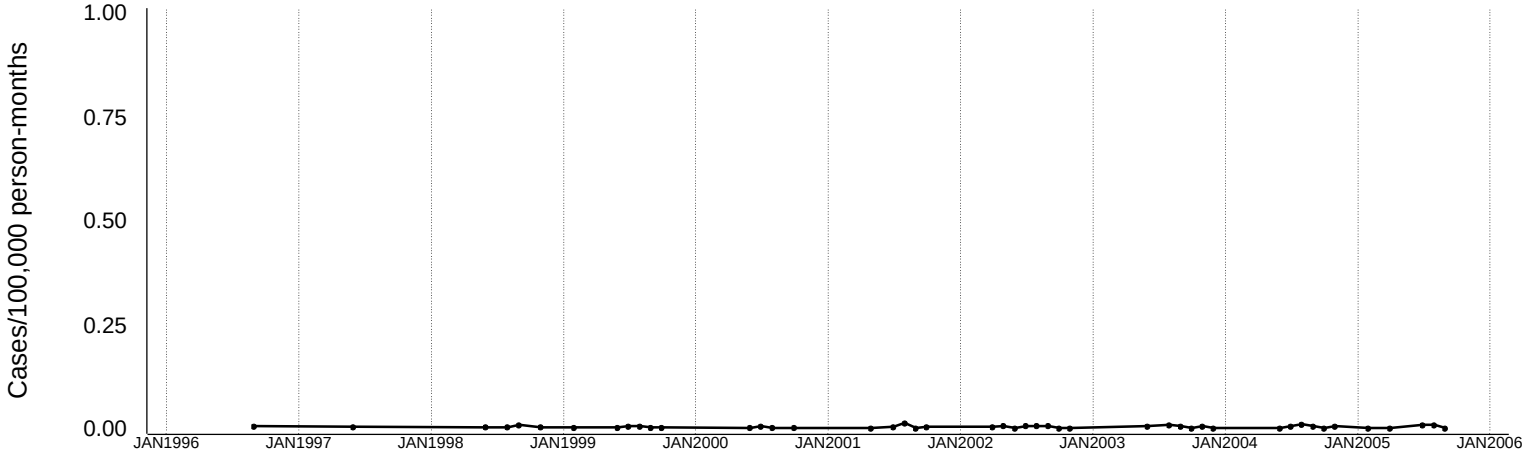
Calendar year through September: Rates for 2004 and 2005 by age group and sex



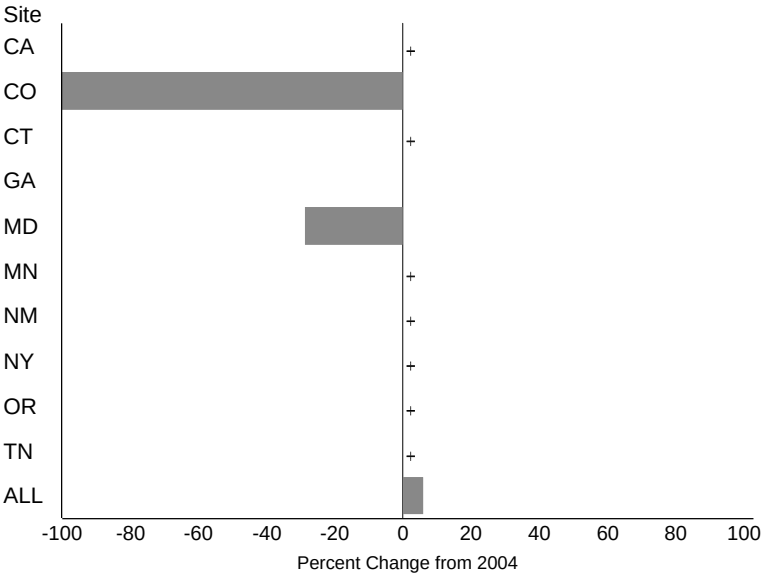
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Vibrio vulnificus

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



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

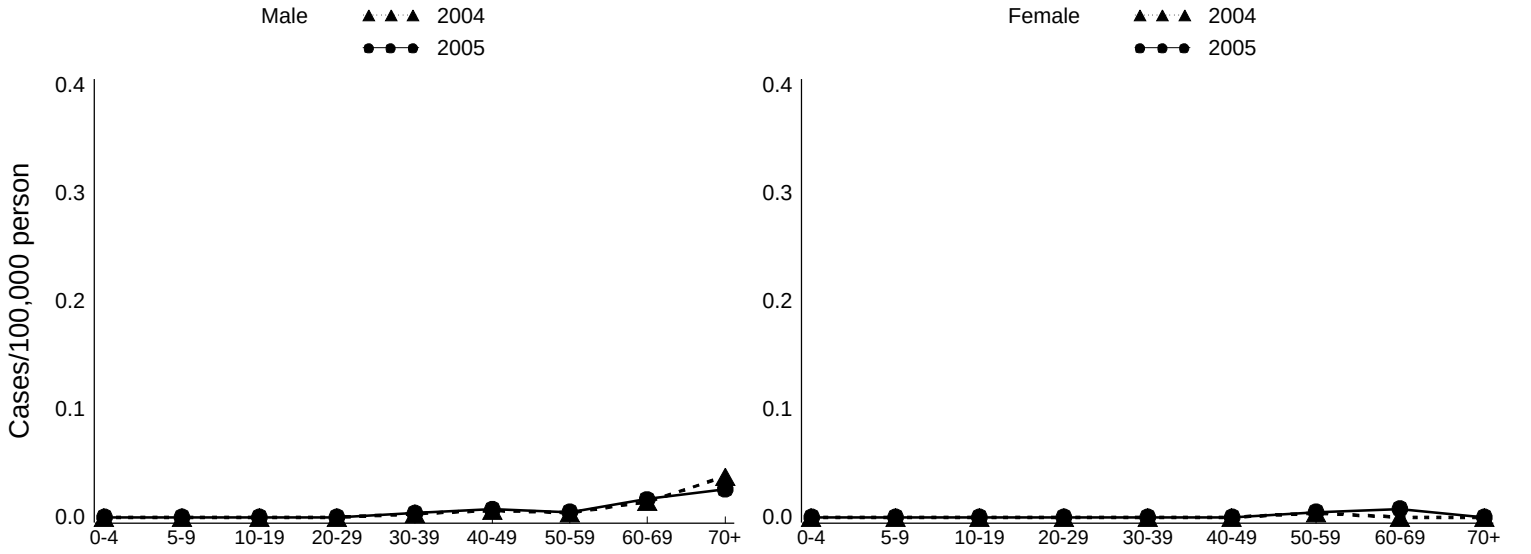


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	0	0.000	0	0.000	0	0.012
CO	0	0.000	1	0.040	0	0.010
CT	0	0.000	0	0.000	0	0.006
GA	4	0.046	4	0.046	4	0.044
MD	5	0.091	7	0.127	4	0.079
MN	1	0.020	0	0.000	0	0.000
NM	0	0.000	0	0.000	0	0.000
NY	1	0.023	0	0.000	0	0.000
OR	0	0.000	0	0.000	0	0.006
TN	0	0.000	0	0.000	1	0.038
ALL	11	0.029	12	0.027	10	0.026

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

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



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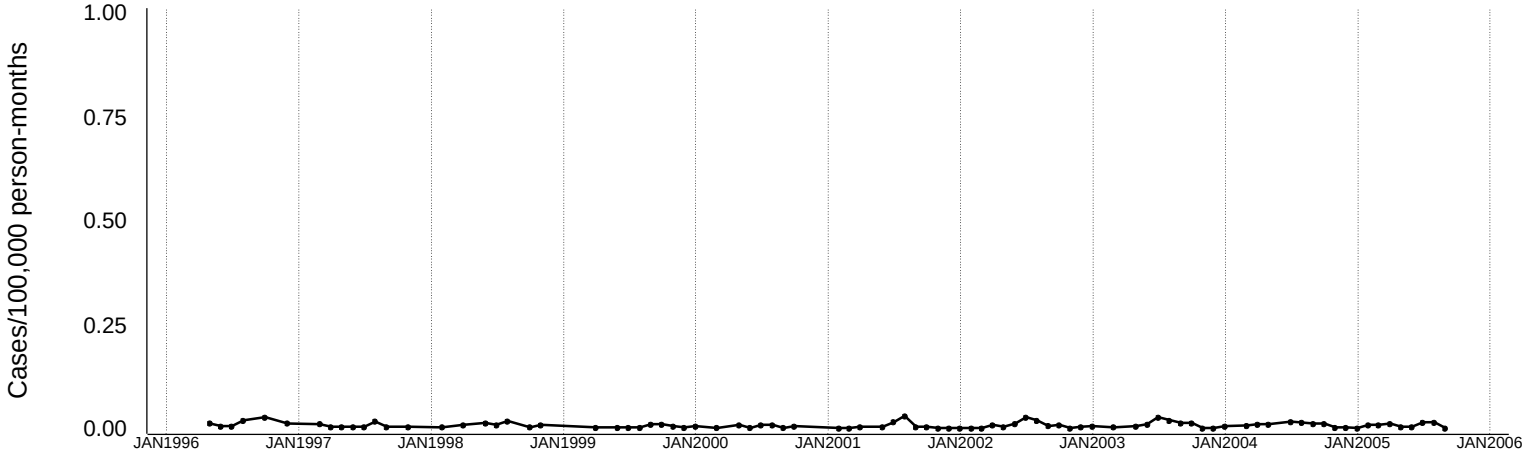
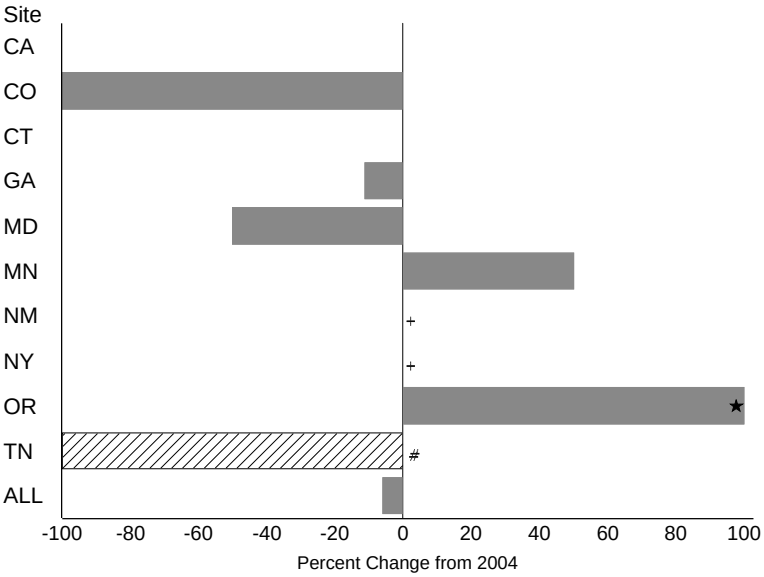
Vibrio, all others

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



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

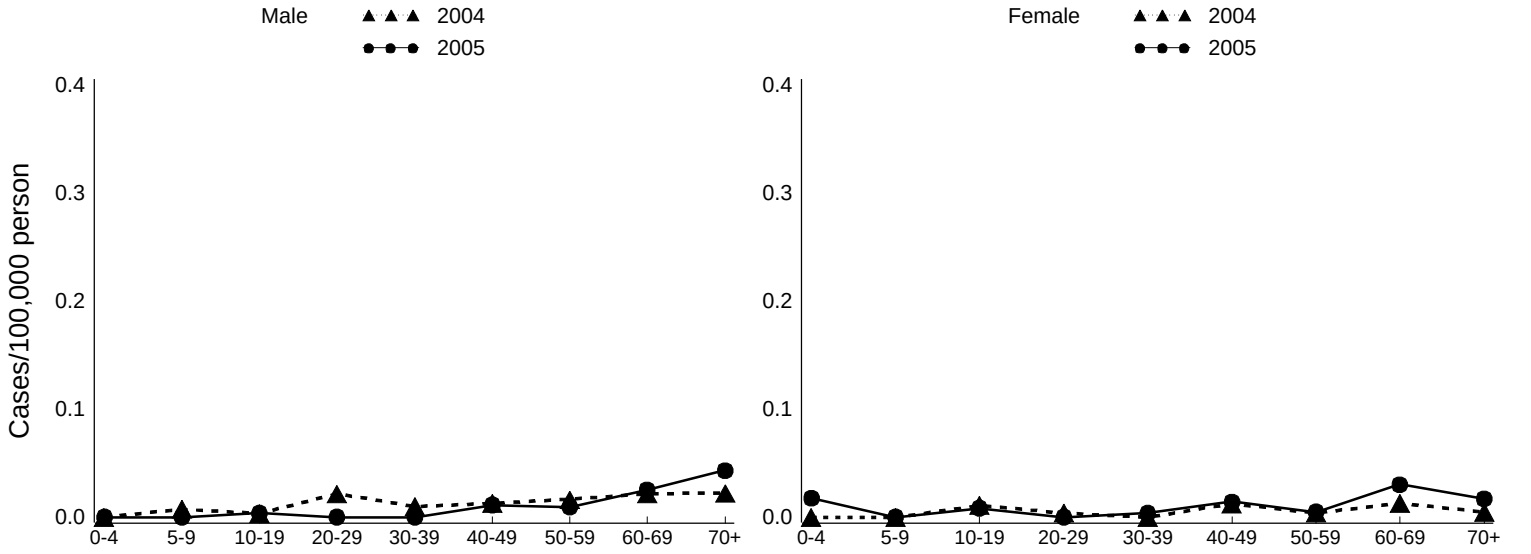


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	**Cases**	**Rate^**	**Cases**	**Rate^**	**Cases**	**Rate^**
CA	5	0.156	5	0.156	3	0.106
CO	0	0.000	1	0.040	2	0.098
CT	5	0.144	5	0.144	4	0.110
GA	8	0.092	9	0.104	9	0.110
MD	4	0.073	8	0.145	5	0.099
MN	3	0.059	2	0.040	2	0.040
NM	0	0.000	0	0.000	0	0.000
NY	2	0.046	0	0.000	2	0.051
OR	4	0.112	1	0.028	1	0.034
TN	0	0.000	7	0.120	3	0.055
ALL	31	0.081	38	0.086	31	0.079

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

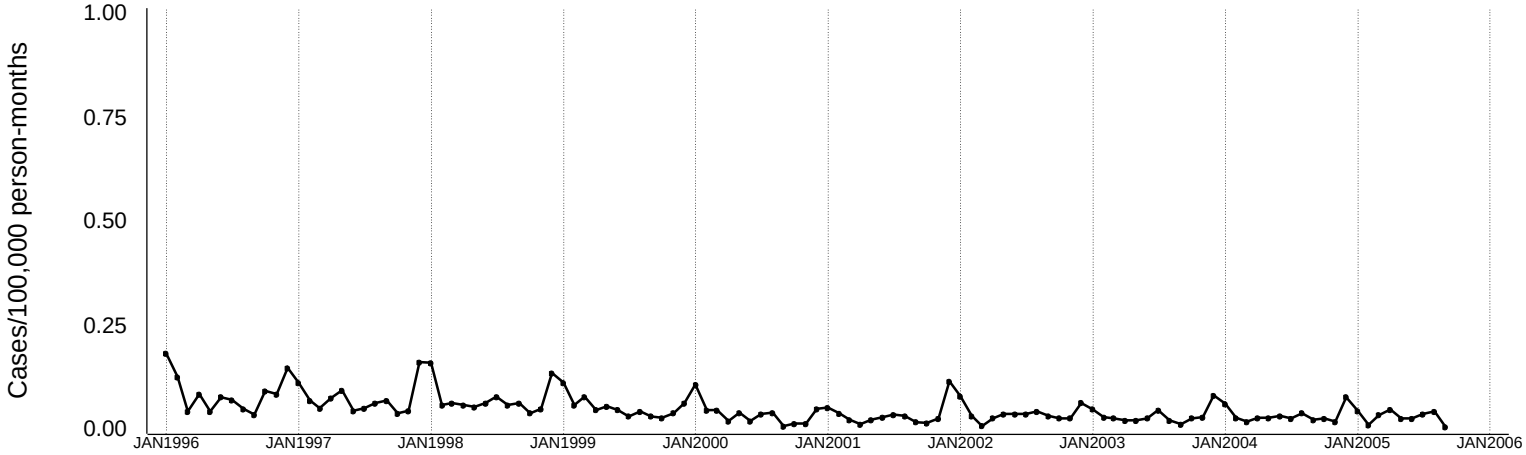
Calendar year through September: Rates for 2004 and 2005 by age group and sex



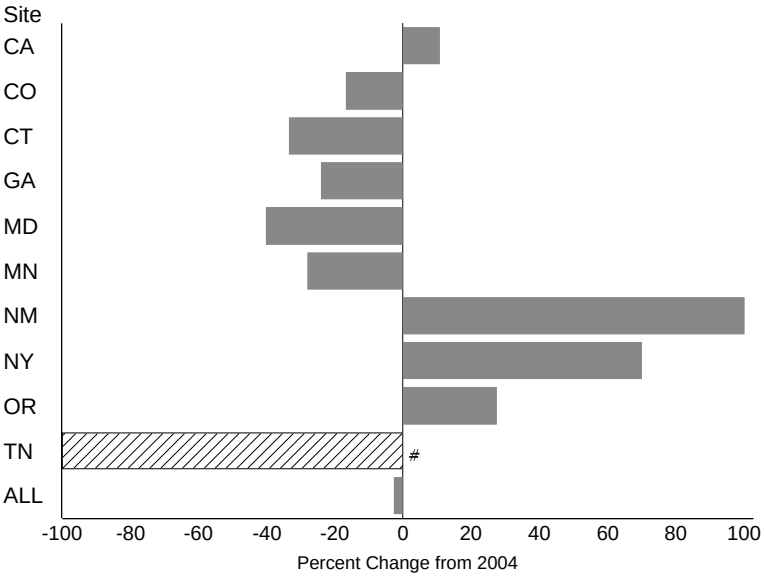
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Yersinia

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



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

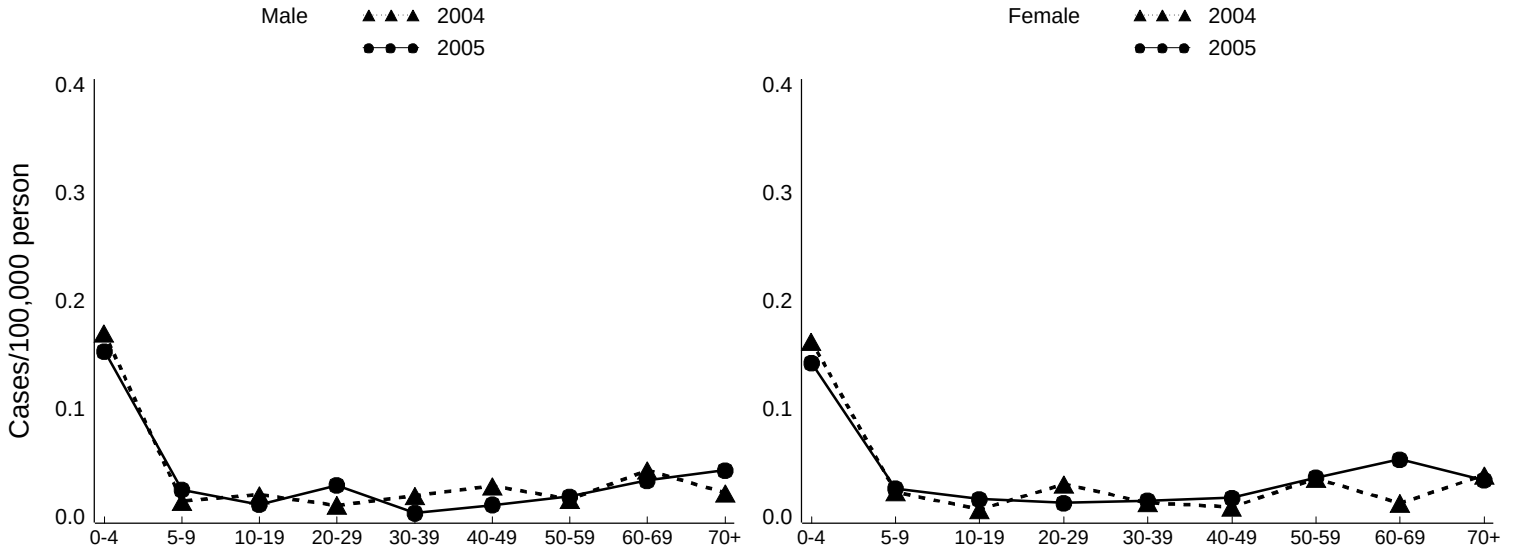


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	21	0.653	19	0.591	17	0.523
CO	5	0.198	6	0.238	6	0.243
CT	10	0.287	15	0.431	11	0.312
GA	19	0.219	25	0.288	27	0.315
MD	3	0.054	5	0.091	8	0.199
MN	13	0.257	18	0.356	13	0.259
NM	2	0.107	1	0.053	1	0.053
NY	17	0.394	10	0.232	9	0.280
OR	14	0.393	11	0.309	9	0.251
TN	0	0.000	13	0.223	12	0.309
ALL	104	0.272	123	0.279	113	0.295

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

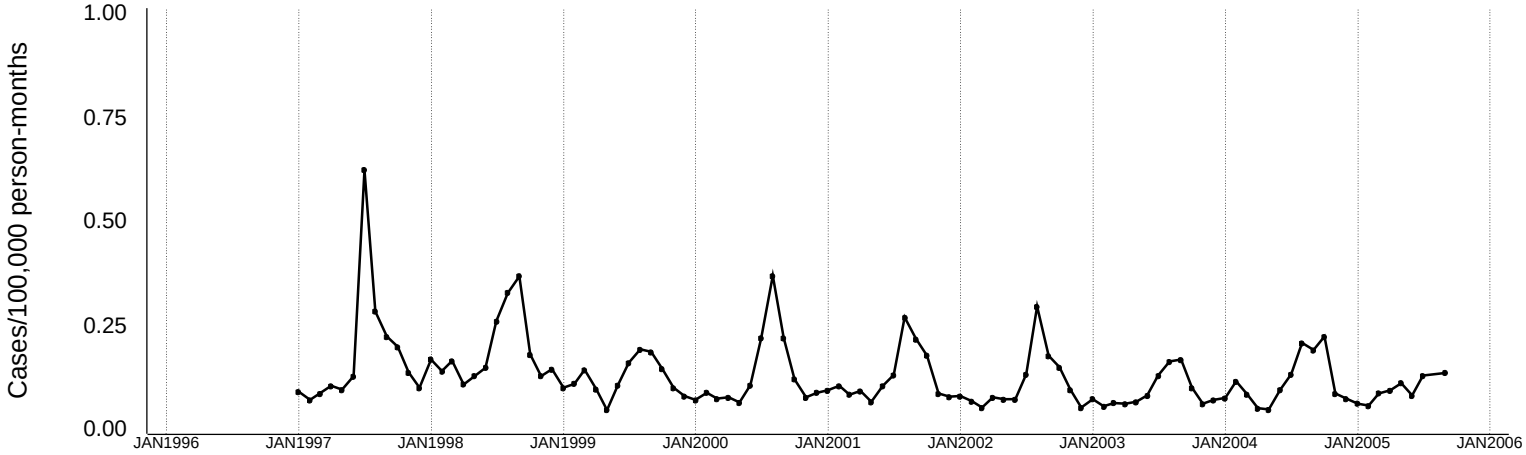
Calendar year through September: Rates for 2004 and 2005 by age group and sex



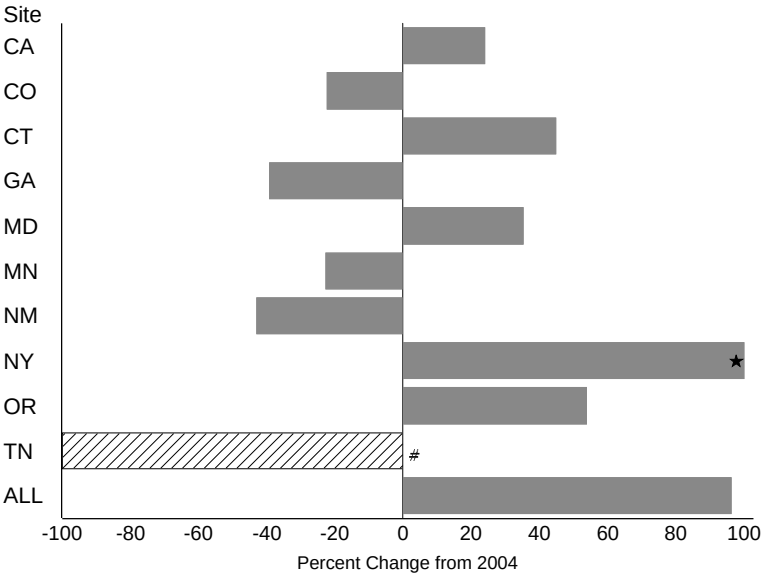
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Cryptosporidium

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



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

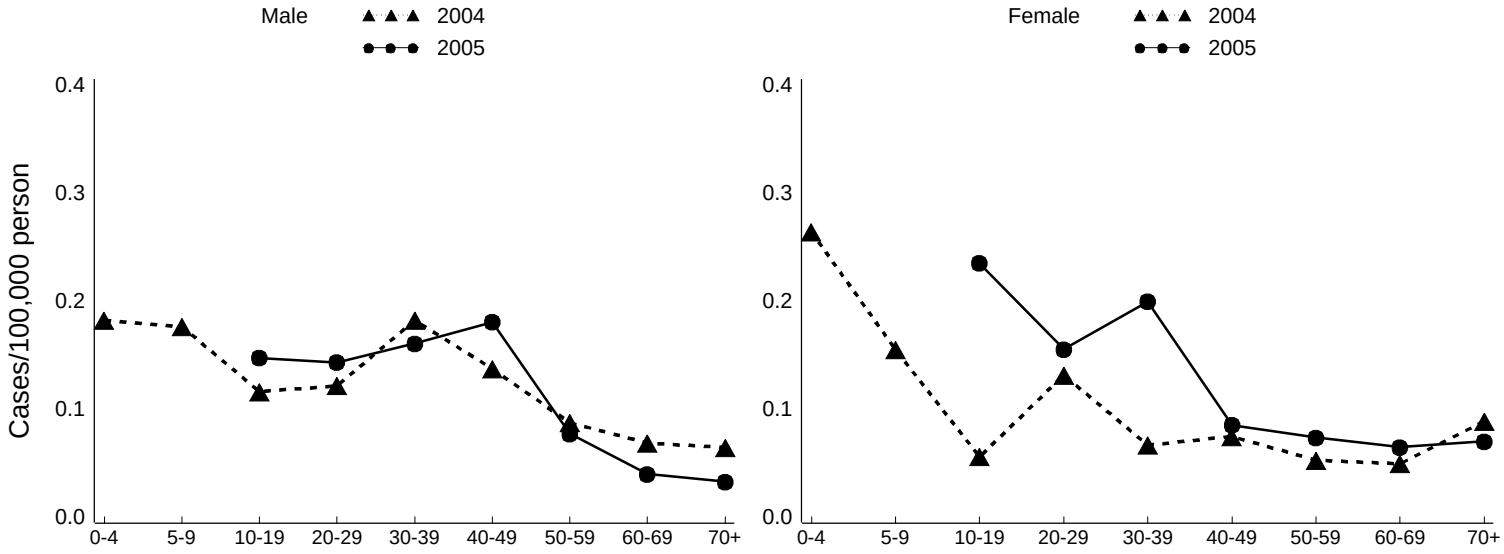


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
\# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	31	0.555	25	0.447	37	0.604
CO	14	0.554	18	0.713	14	0.576
CT	42	1.206	29	0.833	20	0.585
GA	84	0.967	138	1.589	115	1.354
MD	23	0.418	17	0.309	15	0.324
MN	92	1.818	119	2.352	147	2.941
NM	8	0.427	14	0.747	14	0.747
NY	457	10.59	38	0.881	27	0.831
OR	40	1.124	26	0.730	29	0.831
TN	0	0.000	37	0.633	22	0.517
ALL	791	1.948	461	0.993	441	1.062

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

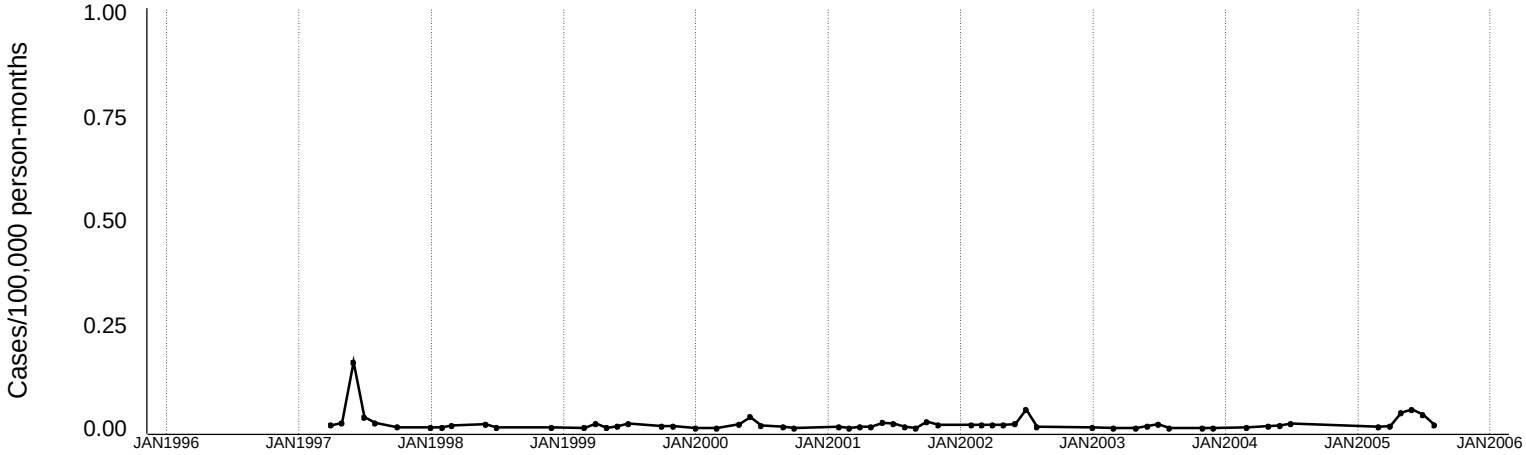
Calendar year through September: Rates for 2004 and 2005 by age group and sex



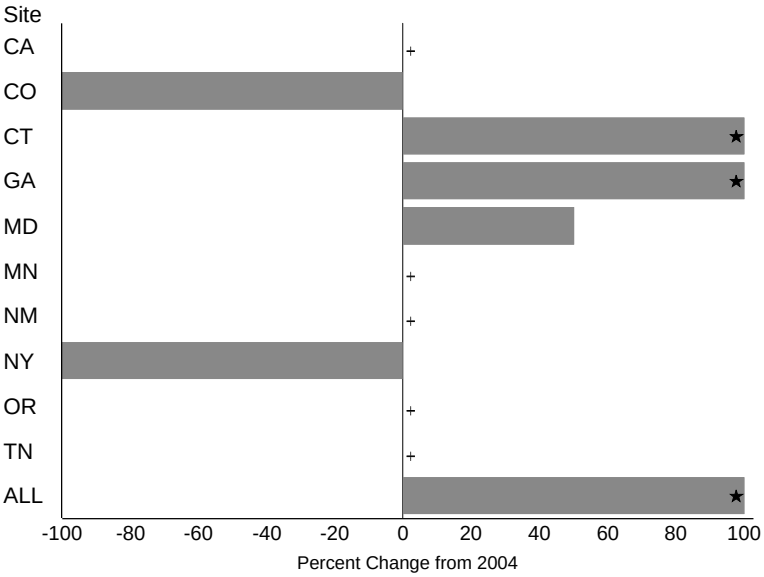
Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Cyclospora

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



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

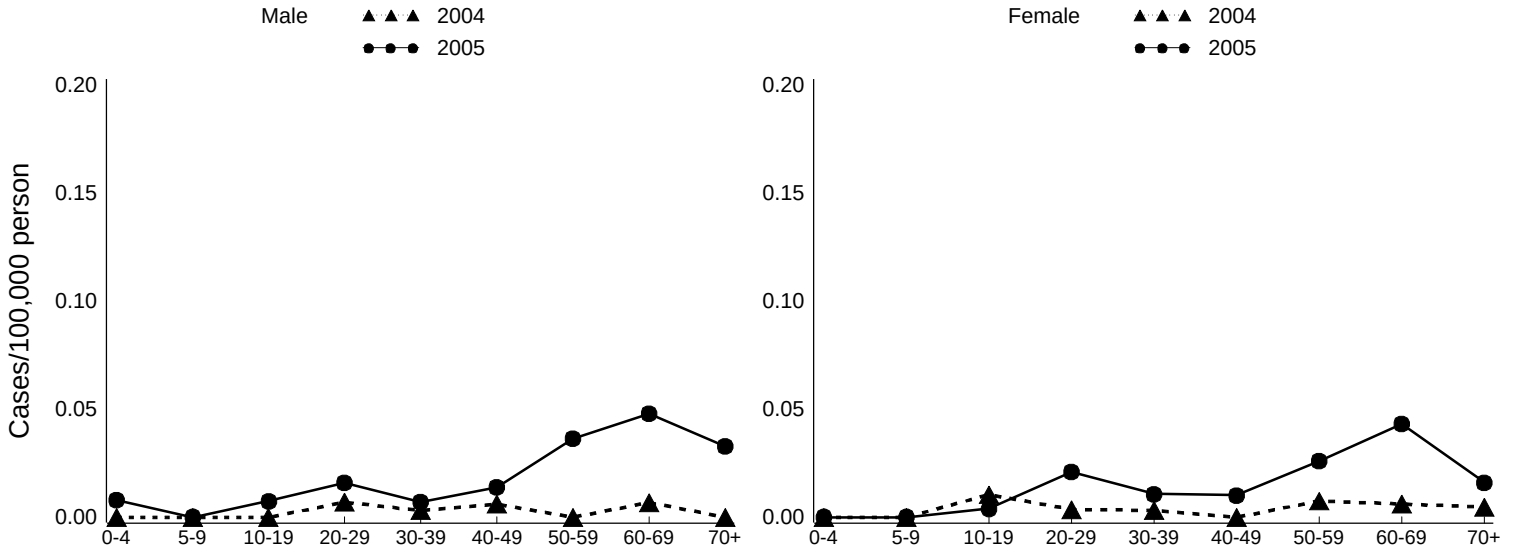


* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

	2005		2004		5 year mean*	
Site	Cases	Rate^	Cases	Rate^	Cases	Rate^
CA	1	0.018	0	0.000	2	0.029
CO	0	0.000	3	0.119	1	0.030
CT	34	0.976	7	0.201	5	0.133
GA	13	0.150	2	0.023	12	0.146
MD	3	0.054	2	0.036	1	0.015
MN	0	0.000	0	0.000	0	0.000
NM	3	0.160	0	0.000	0	0.000
NY	0	0.000	1	0.023	2	0.061
OR	4	0.112	0	0.000	0	0.000
TN	0	0.000	0	0.000	0	0.007
ALL	58	0.143	15	0.032	23	0.056

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

Calendar year through September: 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 entered but not available at CDC because of NEDSS PAM malfunction. Report date: 11-October-2005

Campylobacter Isolates Submitted to NARMS/FoodNet Cases

Target = 5-100%	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	61 / 532 (11%)	13 / 298 (4%)	28 / 321 (9%)	70 / 344 (20%)	0 / 237 (%)	82 / 489 (17%)	27 / 178 (15%)	46 / 277 (17%)	70 / 386 (18%)	20 / 60 (33%)	371 / 2845 (13%)
2004	55 / 920 (6%)	0 / 503 (%)	52 / 585 (9%)	50 / 575 (9%)	26 / 290 (9%)	61 / 896 (7%)	22 / 343 (6%)	45 / 493 (9%)	47 / 643 (7%)	38 / 438 (9%)	351 / 5193 (7%)
2003	20 / 871 (2%)	2 / 371 (1%)	36 / 543 (7%)	40 / 622 (6%)	25 / 423 (6%)	51 / 937 (5%)		49 / 472 (10%)	17 / 578 (3%)	32 / 456 (7%)	223 / 4801 (5%)
2002	52 / 1018 (5%)	6 / 347 (2%)	30 / 542 (6%)	45 / 664 (7%)	28 / 374 (7%)	53 / 941 (6%)		41 / 431 (10%)	38 / 562 (7%)	32 / 180 (18%)	284 / 4628 (6%)
2001	50 / 999 (5%)	6 / 343 (2%)	45 / 495 (9%)	53 / 613 (9%)	38 / 300 (13%)	49 / 954 (5%)		38 / 248 (15%)	28 / 586 (5%)	33 / 213 (15%)	302 / 4503 (7%)
2000	45 / 1186 (4%)		45 / 586 (8%)	51 / 589 (9%)	2 / 189 (1%)	51 / 1079 (5%)		40 / 342 (12%)	25 / 558 (4%)	25 / 181 (14%)	244 / 4368 (6%)
1999	48 / 697 (7%)		53 / 564 (9%)	52 / 673 (8%)	22 / 166 (13%)	42 / 782 (5%)		43 / 359 (12%)	34 / 591 (6%)		251 / 3473 (7%)
1998	46 / 789 (6%)		49 / 603 (8%)	53 / 468 (11%)	26 / 246 (11%)	53 / 1002 (5%)		31 / 221 (14%)	51 / 693 (7%)		278 / 3801 (7%)
1997	43 / 1026 (4%)		49 / 527 (9%)	31 / 503 (6%)		53 / 1171 (5%)			41 / 733 (6%)		217 / 3960 (5%)
1996	0 / 1189 (%)		0 / 263 (%)	0 / 328 (%)		0 / 891 (%)			0 / 696 (%)		0 / 3367 (%)

E.coli O157:H7 Isolates Submitted to NARMS/FoodNet Cases

Target = 5%	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	0 / 14 (%)	0 / 15 (%)	0 / 20 (%)	11 / 15 (73%)	8 / 13 (62%)	1 / 34 (3%)	1 / 5 (20%)	2 / 36 (6%)	2 / 28 (7%)	0 / 33 (%)	23 / 177 (13%)
2004	0 / 25 (%)	1 / 21 (5%)	5 / 31 (16%)	21 / 23 (91%)	3 / 22 (14%)	5 / 110 (5%)	0 / 7 (%)	4 / 54 (7%)	3 / 61 (5%)	2 / 48 (4%)	40 / 348 (11%)
2003	2 / 29 (7%)	0 / 37 (%)	3 / 37 (8%)	16 / 23 (70%)	4 / 16 (25%)	6 / 133 (5%)		5 / 49 (10%)	3 / 86 (3%)	3 / 34 (9%)	37 / 395 (9%)
2002	6 / 45 (13%)	3 / 58 (5%)	11 / 45 (24%)	36 / 45 (80%)	8 / 30 (27%)	28 / 160 (18%)		10 / 56 (18%)	37 / 177 (21%)	5 / 25 (20%)	134 / 585 (23%)
2001	8 / 36 (22%)	3 / 37 (8%)	12 / 39 (31%)	27 / 50 (54%)	13 / 21 (62%)	34 / 232 (15%)		13 / 31 (42%)	13 / 77 (17%)	10 / 42 (24%)	120 / 534 (22%)
2000	10 / 47 (21%)		25 / 86 (29%)	34 / 55 (62%)	9 / 16 (56%)	46 / 225 (20%)		21 / 74 (28%)	24 / 120 (20%)	11 / 34 (32%)	159 / 583 (27%)
1999	6 / 23 (26%)		20 / 94 (21%)	14 / 42 (33%)	5 / 16 (31%)	32 / 175 (18%)		28 / 94 (30%)	12 / 64 (19%)		89 / 414 (21%)
1998	6 / 35 (17%)		13 / 58 (22%)	48 / 51 (94%)	7 / 24 (29%)	55 / 209 (26%)		10 / 22 (45%)	22 / 101 (22%)		151 / 478 (32%)
1997	2 / 19 (11%)		8 / 34 (24%)	11 / 8 (138%)		33 / 199 (17%)			23 / 80 (29%)		77 / 340 (23%)
1996	4 / 22 (18%)		8 / 38 (21%)	18 / 15 (120%)		37 / 240 (15%)			14 / 73 (19%)		81 / 388 (21%)

Non-Typhi Salmonella Isolates Submitted to NARMS/FoodNet Cases

Target = 5%	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	27 / 229 (12%)	0 / 160 (%)	15 / 272 (6%)	49 / 819 (6%)	11 / 321 (3%)	14 / 333 (4%)	5 / 127 (4%)	12 / 269 (4%)	11 / 206 (5%)	12 / 474 (3%)	144 / 2941 (5%)
2004	25 / 468 (5%)	3 / 315 (1%)	26 / 455 (6%)	111 / 1916 (6%)	45 / 713 (6%)	33 / 636 (5%)	19 / 255 (7%)	20 / 447 (4%)	19 / 367 (5%)	38 / 720 (5%)	319 / 5845 (5%)
2003	47 / 459 (10%)	0 / 235 (%)	25 / 393 (6%)	113 / 2004 (6%)	57 / 716 (8%)	29 / 576 (5%)		24 / 394 (6%)	19 / 372 (5%)	49 / 678 (7%)	339 / 5433 (6%)
2002	40 / 510 (8%)	8 / 309 (3%)	49 / 449 (11%)	201 / 1896 (11%)	114 / 932 (12%)	57 / 588 (10%)		64 / 529 (12%)	35 / 321 (11%)	76 / 517 (15%)	580 / 5522 (11%)
2001	53 / 462 (11%)	10 / 317 (3%)	50 / 449 (11%)	185 / 1663 (11%)	86 / 613 (14%)	63 / 686 (9%)		51 / 267 (19%)	26 / 282 (9%)	84 / 438 (19%)	557 / 4910 (11%)
2000	55 / 450 (12%)		47 / 409 (11%)	185 / 1465 (13%)	55 / 379 (15%)	59 / 609 (10%)		43 / 252 (17%)	34 / 287 (12%)	76 / 420 (18%)	511 / 4019 (13%)
1999	54 / 313 (17%)		63 / 526 (12%)	126 / 1561 (8%)	48 / 434 (11%)	62 / 618 (10%)		74 / 264 (28%)	44 / 412 (11%)		397 / 3864 (10%)
1998	49 / 311 (16%)		60 / 478 (13%)	169 / 495 (34%)	52 / 438 (12%)	71 / 575 (12%)		50 / 188 (27%)	37 / 298 (12%)		438 / 2595 (17%)
1997	62 / 350 (18%)		65 / 416 (16%)	111 / 461 (24%)		66 / 610 (11%)			37 / 323 (11%)		341 / 2160 (16%)
1996	58 / 365 (16%)		63 / 283 (22%)	91 / 381 (24%)		79 / 636 (12%)			42 / 372 (11%)		333 / 2037 (16%)

Salmonella Typhi Isolates Submitted to NARMS/FoodNet Cases

Target = 100%	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	15 / 8 (188%)	0 / 1 (%)	4 / 5 (80%)	2 / 2 (100%)	6 / 6 (100%)	3 / 3 (100%)	0 / 0 #DIV/0!	0 / 0 #DIV/0!	2 / 2 (100%)	1 / 0 #DIV/0!	33 / 27 (122%)
2004	27 / 13 (208%)	0 / 1 (%)	9 / 7 (129%)	3 / 4 (75%)	23 / 14 (164%)	6 / 7 (86%)	0 / 0 #DIV/0!	3 / 3 (100%)	1 / 1 (100%)	8 / 4 (200%)	77 / 51 (151%)
2003	27 / 15 (180%)	1 / 3 (33%)	13 / 8 (163%)	6 / 8 (75%)	12 / 0 #DIV/0!	1 / 3 (33%)		0 / 1 (%)	4 / 4 (100%)	4 / 3 (133%)	68 / 44 (155%)
2002	9 / 10 (90%)	1 / 3 (33%)	8 / 8 (100%)	3 / 4 (75%)	11 / 11 (100%)	4 / 4 (100%)		2 / 2 (100%)	0 / 0 #DIV/0!	0 / 1 (%)	36 / 41 (88%)
2001	18 / 18 (100%)	0 / 0 #DIV/0!	5 / 5 (100%)	8 / 12 (67%)	12 / 9 (133%)	6 / 7 (86%)		5 / 4 (125%)	9 / 8 (113%)	2 / 0 #DIV/0!	60 / 59 (102%)
2000	11 / 10 (110%)		8 / 9 (89%)	9 / 9 (100%)	0 / 3 (%)	3 / 3 (100%)		0 / 2 (%)	4 / 6 (67%)	3 / 2 (150%)	38 / 42 (90%)
1999	6 / 4 (150%)		6 / 7 (86%)	2 / 5 (40%)	3 / 0 #DIV/0!	4 / 4 (100%)		1 / 2 (50%)	4 / 5 (80%)		25 / 25 (100%)
1998	0 / 19 (%)		0 / 8 (%)	0 / 5 (%)	0 / 0 #DIV/0!	0 / 5 (%)		0 / 0 #DIV/0!	0 / 0 #DIV/0!		0 / 37 (%)
1997	0 / 13 (%)		0 / 0 #DIV/0!	0 / 5 (%)		0 / 6 (%)			0 / 2 (%)		0 / 26 (%)
1996	0 / 11 (%)		0 / 1 (%)	0 / 3 (%)		0 / 8 (%)			0 / 4 (%)		0 / 27 (%)

* Catchment areas are not statewide. TN started statewide FoodNet surveillance in 2003.

** Data incomplete for 2005.

† TN data reported through NEDSS for 2005

Shigella Isolates Submitted to NARMS/FoodNet Cases

Target=5%	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN†	All FN
2005**	1 / 101 (1%)	0 / 31 (%)	2 / 28 (7%)	10 / 264 (4%)	3 / 41 (7%)	2 / 50 (4%)	3 / 46 (7%)	1 / 29 (3%)	3 / 40 (8%)	19 / 482 (4%)	43 / 1083 (4%)
2004	0 / 229 (%)	3 / 96 (3%)	4 / 68 (6%)	24 / 645 (4%)	8 / 144 (6%)	2 / 68 (3%)	9 / 139 (6%)	11 / 213 (5%)	4 / 78 (5%)	24 / 570 (4%)	78 / 2037 (4%)
2003	1 / 277 (%)	1 / 235 (%)	5 / 70 (7%)	43 / 1146 (4%)	27 / 467 (6%)	3 / 103 (3%)		16 / 238 (7%)	4 / 104 (4%)	24 / 401 (6%)	108 / 2803 (4%)
2002	8 / 367 (2%)	4 / 136 (3%)	11 / 104 (11%)	95 / 1831 (5%)	103 / 1167 (9%)	19 / 222 (9%)		8 / 50 (16%)	8 / 90 (9%)	16 / 146 (11%)	264 / 4063 (6%)
2001	20 / 427 (5%)	4 / 144 (3%)	6 / 60 (10%)	41 / 714 (6%)	14 / 141 (10%)	45 / 493 (9%)		7 / 28 (25%)	10 / 112 (9%)	12 / 100 (12%)	152 / 2191 (7%)
2000	9 / 577 (2%)		7 / 69 (10%)	22 / 318 (7%)	10 / 82 (12%)	83 / 902 (9%)		5 / 22 (23%)	9 / 118 (8%)	32 / 262 (12%)	172 / 2328 (7%)
1999	5 / 210 (2%)		7 / 73 (10%)	19 / 241 (8%)	2 / 58 (3%)	19 / 254 (7%)		2 / 37 (5%)	9 / 93 (10%)		61 / 929 (7%)
1998	0 / 236 (%)		0 / 72 (%)	0 / 585 (%)	0 / 56 (%)	0 / 328 (%)		0 / 48 (%)	0 / 155 (%)		0 / 1432 (%)
1997	0 / 289 (%)		0 / 78 (%)	0 / 590 (%)		0 / 136 (%)			0 / 176 (%)		0 / 1269 (%)
1996	0 / 374 (%)		0 / 107 (%)	0 / 481 (%)		0 / 167 (%)			0 / 140 (%)		0 / 1269 (%)

* Catchment areas are not statewide. TN started statewide FoodNet surveillance in 2003.

** Data incomplete for 2005.

† TN data reported through NEDSS for 2005

Campylobacter FoodNet Cases Linked to NARMS/Isolates Submitted to NARMS

% FoodNet linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	40 / 67 (60%)	13 / 16 (81%)	24 / 28 (86%)	52 / 70 (74%)	0 / 0 #DIV/0!	88 / 82 (107%)	15 / 27 (56%)	45 / 47 (96%)	73 / 77 (95%)	0 / 20 (%)	305 / 387 (79%)
2004	48 / 56 (86%)	0 / 0 #DIV/0!	51 / 52 (98%)	46 / 50 (92%)	25 / 26 (96%)	50 / 61 (82%)	17 / 22 (77%)	48 / 51 (94%)	38 / 47 (81%)	20 / 38 (53%)	295 / 352 (84%)
2003	9 / 23 (39%)	2 / 5 (40%)	34 / 36 (94%)	35 / 40 (88%)	25 / 25 (100%)	51 / 51 (100%)		49 / 53 (92%)	11 / 17 (65%)	27 / 32 (84%)	194 / 229 (85%)
2002	40 / 52 (77%)	6 / 6 (100%)	30 / 30 (100%)	23 / 45 (51%)	25 / 28 (89%)	50 / 53 (94%)		31 / 46 (67%)	0 / 38 (%)	17 / 32 (53%)	191 / 284 (67%)
2001	23 / 50 (46%)	2 / 8 (25%)	41 / 45 (91%)	10 / 53 (19%)	11 / 38 (29%)	49 / 49 (100%)		32 / 45 (71%)	1 / 28 (4%)	17 / 33 (52%)	154 / 304 (51%)
2000	30 / 45 (67%)		43 / 45 (96%)	0 / 51 (%)	0 / 2 (%)	53 / 51 (104%)		32 / 48 (67%)	1 / 25 (4%)	14 / 25 (56%)	141 / 244 (58%)
1999	0 / 48 (%)		50 / 53 (94%)	0 / 52 (%)	10 / 22 (45%)	35 / 42 (83%)		30 / 49 (61%)	1 / 34 (3%)		96 / 251 (38%)
1998	0 / 46 (%)		47 / 49 (96%)	0 / 53 (%)	16 / 26 (62%)	52 / 53 (98%)		6 / 31 (19%)	3 / 51 (6%)		118 / 278 (42%)
1997	15 / 43 (35%)		43 / 49 (88%)	2 / 31 (6%)		50 / 53 (94%)			2 / 41 (5%)		112 / 217 (52%)
1996											

E.coli O157:H7 FoodNet Cases Linked to NARMS/Isolates Submitted to NARMS

% FoodNet linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	0 / 4 (%)	0 / 1 (%)	0 / 0 #DIV/0!	8 / 11 (73%)	0 / 28 (%)	2 / 1 (200%)	1 / 1 (100%)	2 / 2 (100%)	1 / 2 (50%)	0 / 0 #DIV/0!	12 / 48 (25%)
2004	0 / 8 (%)	1 / 1 (100%)	5 / 5 (100%)	17 / 21 (81%)	3 / 136 (2%)	5 / 5 (100%)	0 / 0 #DIV/0!	4 / 9 (44%)	3 / 3 (100%)	1 / 2 (50%)	35 / 181 (19%)
2003	1 / 10 (10%)	0 / 0 #DIV/0!	2 / 3 (67%)	10 / 16 (63%)	3 / 4 (75%)	5 / 6 (83%)		2 / 10 (20%)	3 / 3 (100%)	2 / 3 (67%)	26 / 45 (58%)
2002	6 / 6 (100%)	2 / 3 (67%)	11 / 11 (100%)	24 / 36 (67%)	5 / 8 (63%)	28 / 28 (100%)		1 / 30 (3%)	0 / 37 (%)	2 / 5 (40%)	78 / 134 (58%)
2001	1 / 8 (13%)	1 / 4 (25%)	11 / 12 (92%)	0 / 27 (%)	0 / 13 (%)	26 / 34 (76%)		0 / 27 (%)	3 / 13 (23%)	2 / 10 (20%)	44 / 121 (36%)
2000	3 / 10 (30%)		21 / 25 (84%)	0 / 34 (%)	0 / 9 (%)	0 / 46 (%)		0 / 61 (%)	0 / 24 (%)	1 / 11 (9%)	25 / 159 (16%)
1999	2 / 6 (%)		13 / 20 (65%)	0 / 14 (%)	0 / 5 (%)	0 / 32 (%)		0 / 51 (%)	0 / 12 (%)		15 / 89 (17%)
1998	5 / 6 (83%)		10 / 13 (77%)	0 / 48 (%)	0 / 7 (%)	12 / 55 (22%)		1 / 35 (3%)	0 / 22 (%)		27 / 151 (18%)
1997	2 / 2 (100%)		5 / 8 (63%)	0 / 11 (%)		6 / 33 (18%)			0 / 23 (%)		13 / 77 (17%)
1996	1 / 5 (20%)		3 / 8 (38%)	0 / 19 (%)		0 / 37 (%)			0 / 14 (%)		4 / 83 (5%)

Non-Typhi Salmonella FoodNet Cases Linked to NARMS/Isolates Submitted to NARMS

% FoodNet linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	9 / 92 (10%)	0 / 2 (%)	12 / 15 (80%)	39 / 49 (80%)	10 / 11 (91%)	13 / 14 (93%)	4 / 5 (80%)	9 / 31 (29%)	12 / 11 (109%)	0 / 12 (%)	99 / 211 (47%)
2004	15 / 110 (14%)	4 / 8 (50%)	27 / 26 (104%)	90 / 111 (81%)	44 / 45 (98%)	33 / 33 (100%)	17 / 19 (89%)	19 / 68 (28%)	16 / 19 (84%)	27 / 38 (71%)	273 / 409 (67%)
2003	20 / 148 (14%)	0 / 2 (%)	22 / 25 (88%)	95 / 113 (84%)	48 / 57 (84%)	28 / 29 (97%)		15 / 67 (22%)	18 / 19 (95%)	39 / 49 (80%)	270 / 442 (61%)
2002	32 / 44 (73%)	6 / 12 (50%)	43 / 49 (88%)	172 / 201 (86%)	98 / 114 (86%)	54 / 57 (95%)		37 / 161 (23%)	32 / 35 (91%)	27 / 76 (36%)	464 / 588 (79%)
2001	26 / 53 (49%)	5 / 19 (26%)	44 / 50 (88%)	71 / 185 (38%)	39 / 86 (45%)	51 / 63 (81%)		27 / 139 (19%)	25 / 26 (96%)	40 / 84 (48%)	301 / 566 (53%)
2000	25 / 55 (45%)		45 / 47 (96%)	27 / 185 (15%)	19 / 55 (35%)	58 / 59 (98%)		24 / 116 (21%)	24 / 34 (71%)	30 / 76 (39%)	228 / 511 (45%)
1999	33 / 54 (%)		60 / 63 (95%)	14 / 126 (11%)	11 / 48 (23%)	54 / 62 (%)		25 / 130 (19%)	27 / 44 (61%)		199 / 397 (50%)
1998	33 / 49 (67%)		48 / 60 (80%)	4 / 169 (2%)	23 / 52 (44%)	48 / 71 (68%)		6 / 120 (5%)	26 / 37 (70%)		182 / 438 (42%)
1997	36 / 62 (58%)		43 / 65 (66%)	12 / 113 (11%)		31 / 66 (47%)			25 / 38 (66%)		147 / 344 (43%)
1996	35 / 59 (59%)		30 / 63 (48%)	12 / 91 (13%)		28 / 79 (35%)			23 / 42 (55%)		128 / 334 (38%)

Salmonella Typhi FoodNet Cases Linked to NARMS/Isolates Submitted to NARMS

% FoodNet linked (target=100%)	CA*	CO*	CT	GA	MD	MN	NM	NY*	OR	TN	All FN
2005**	5 / 32 (16%)	0 / 0 #DIV/0!	3 / 4 (75%)	1 / 2 (50%)	0 / 6 (%)	3 / 3 (100%)	0 / 1 (%)	0 / 10 (%)	1 / 2 (50%)	0 / 1 (%)	13 / 51 (25%)
2004	13 / 68 (19%)	0 / 0 #DIV/0!	8 / 9 (89%)	1 / 3 (33%)	8 / 23 (35%)	7 / 6 (117%)	0 / 0 #DIV/0!	2 / 15 (13%)	1 / 1 (100%)	5 / 8 (63%)	43 / 118 (36%)
2003	11 / 56 (20%)	1 / 1 (100%)	6 / 13 (46%)	6 / 6 (100%)	1 / 12 (8%)	1 / 1 (100%)		0 / 10 (%)	3 / 4 (75%)	3 / 4 (75%)	32 / 97 (33%)
2002	3 / 10 (30%)	0 / 1 (%)	8 / 8 (100%)	2 / 3 (67%)	8 / 11 (73%)	4 / 4 (100%)		0 / 7 (%)	0 / 0 #DIV/0!	0 / 0 #DIV/0!	25 / 37 (68%)
2001	2 / 18 (11%)	0 / 0 #DIV/0!	4 / 5 (80%)	0 / 8 (%)	1 / 12 (8%)	5 / 6 (83%)		0 / 13 (%)	6 / 9 (67%)	1 / 2 (50%)	19 / 60 (32%)
2000	2 / 11 (18%)		7 / 8 (88%)	0 / 9 (%)	0 / 0 #DIV/0!	0 / 3 (%)		0 / 3 (%)	0 / 4 (%)	2 / 3 (67%)	11 / 38 (29%)
1999	1 / 6 (%)		5 / 6 (83%)	0 / 2 (%)	0 / 3 (%)	0 / 4 (%)		0 / 8 (%)	0 / 4 (%)		6 / 25 (24%)
1998	0 / 0 #DIV/0!		0 / 0 #DIV/0!	0 / 0 #DIV/0!	0 / 0 #DIV/0!	0 / 0 #DIV/0!		0 / 0 #DIV/0!	0 / 0 #DIV/0!		0 / 0 #DIV/0!

1997	0 / 0	#DIV/0!			0 / 0	#DIV/0!	0 / 0	#DIV/0!			0 / 0	#DIV/0!					0 / 0	#DIV/0!			0 / 0	#DIV/0!
1996	0 / 0	#DIV/0!			0 / 0	#DIV/0!	0 / 0	#DIV/0!			0 / 0	#DIV/0!					0 / 0	#DIV/0!			0 / 0	#DIV/0!

* Catchment areas are not statewide. TN started statewide FoodNet surveillance in 2003.

** Data incomplete for 2005.

† TN data reported through NEDSS for 2005

Shigella FoodNet Cases Linked to NARMS/Isolates Submitted to NARMS

% FoodNet linked (target=100%)	CA*		CO*		CT		GA		MD		MN		NM		NY*		OR		TN		All FN	
2005**	0 / 1	(%)	0 / 0	#DIV/0!	0 / 2	(%)	9 / 10	(90%)	2 / 3	(67%)	1 / 2	(50%)	1 / 3	(33%)	1 / 5	(20%)	3 / 3	(100%)	0 / 19	(%)	16 / 43	(37%)
2004	0 / 2	(%)	3 / 3	(100%)	3 / 4	(75%)	20 / 24	(83%)	8 / 8	(100%)	2 / 2	(100%)	10 / 9	(111%)	11 / 14	(79%)	4 / 4	(100%)	25 / 24	(104%)	75 / 80	(94%)
2003	0 / 1	(%)	1 / 1	(100%)	5 / 5	(100%)	37 / 43	(86%)	26 / 27	(96%)	4 / 3	(133%)			16 / 19	(84%)	4 / 4	(100%)	19 / 24	(79%)	96 / 108	(89%)
2002	7 / 8	(88%)	4 / 4	(100%)	11 / 11	(100%)	74 / 95	(78%)	84 / 103	(82%)	19 / 19	(100%)			6 / 20	(30%)	7 / 8	(88%)	11 / 16	(69%)	217 / 264	(82%)
2001	9 / 20	(45%)	0 / 7	(%)	6 / 6	(100%)	17 / 41	(41%)	1 / 14	(7%)	30 / 45	(67%)			3 / 25	(12%)	6 / 10	(60%)	6 / 12	(50%)	75 / 155	(48%)
2000	1 / 9	(11%)			5 / 7	(71%)	11 / 22	(50%)	2 / 10	(20%)	91 / 83	(110%)			1 / 27	(4%)	7 / 9	(78%)	17 / 32	(53%)	134 / 172	(78%)
1999	0 / 5	(%)			7 / 7	(100%)	6 / 19	(32%)	1 / 2	(50%)	20 / 19	(%)			4 / 11	(36%)	8 / 9	(89%)			42 / 61	(69%)
1998																						
1997																						
1996																						

* Catchment areas are not statewide. TN started statewide FoodNet surveillance in 2003.

** Data incomplete for 2005.

† TN data reported through NEDSS for 2005

Linking Project Update
10/11/2005

Summary

- To date, 4,424 total records in FoodNet are linked to NARMS isolates by state and state laboratory isolate ID.
- An additional 1,551 records are potentially matched based on state, isolate, specimen collection date, sex, and age. These are not included in the linking tables.
- Data in both tables represents data for specimens collected through 7/31/2005 to accommodate the lag in NARMS.
- Discussions are ongoing with PulseNet laboratory and other units in FDDB to link other data sets.
- NARMS tables indicate that most sites are at or above the recommended sampling scheme for Campylobacter, E. coli O157:H7, non-Typhi Salmonella, Salmonella Typhi, and Shigella.
- Linking tables indicate that linking percentages for most sites is above 60% for Campylobacter, E. coli, non-Typhi Salmonella, Salmonella Typhi, and Shigella.
- Low linking and NARMS sampling percentages for CA, CO, and NY may be due to lack of county entered in NARMS database.

NARMS Tables

- NARMS tables display the total number of isolates submitted to NARMS over total number of FoodNet cases by pathogen, site, and year.
- Indicator of comparison for NARMS sampling schemes, most are targeted for 5%.
- Low percentages for Colorado due to lack of county data submitted to NARMS which is necessary for counting NARMS isolates from catchment counties only.
- New Mexico data prior to 2004 are non-FoodNet.
- Tennessee data in tables are estimates based on NEDSS data. Since the state lab isolate ID's submitted through NEDSS were not related to laboratory records until the most recent version of NEDSS, there are no cases linked. New version of NEDSS includes a place for state laboratory isolate ID that can be incorporated into FoodNet surveillance and linked to NARMS in the future.
- Campylobacter
    - Higher percentages of sampling are due to NARMS sampling scheme changes for Campylobacter:
        - CA, CO, CT, and NY – 50% (every other isolate)
        - GA, MD, NM, OR, and TN – 100%
        - MN – 20% (every 5th)
    - MD is behind on Campylobacter submissions.
- E. coli O157:H7
    - Lower than normal number of FoodNet cases for CA
    - No NARMS isolates submitted by CT may be due to data entry delay
- Salmonella Typhi
    - MD 2004 excess numbers of isolates submitted to NARMS compared to FoodNet cases may be due to data not yet being cleaned.
- Shigella
    - Lower than usual number of CA isolates submitted to NARMS
    - Lower than usual number of FoodNet cases for MD and NY

Linking Tables

- Linking tables display the total number of FoodNet cases that are linked to NARMS isolates over total number of isolates submitted to NARMS by pathogen, site, and year.
- Target goal for all pathogens is 100% since all isolates submitted to NARMS by FoodNet sites should also have a corresponding FoodNet case in the surveillance database.
- Only NARMS isolates that were from specific catchment counties in CA, CO, and NY were included. Linking percentages are higher when linked on state and state lab isolate ID regardless of county.
- County is always submitted to FoodNet. If an isolates links based on the state lab isolate ID and the county is in FoodNet it may not be necessary to restrict NARMS isolates that have county in the NARMS database.
- Low linking percentages may be due to missing or mismatched state lab isolate ID or missing county data in NARMS database and not missing isolates.
- Continuing need to promote use of state lab isolate ID format to state laboratories.

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

***Data accessed October 3rd, 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	9	3,228,717	2.79	6	1 (11)	*Salmonella* (1)	1 (11)	7 (78)
CO	7	2,507,484	2.79	8	4 (57)	*Salmonella* (2) *Campylobacter jejuni* (1) *Clostridium perfringens* (1)	1 (14)	5 (71)
CT	10	3,460,503	2.89	8	9 (90)	*Calicivirus, Norovirus* (6) *E. coli.*, Enterohemorrhagic (e.g. O157 or other STEC) (1) *Cyclospora* (1) *Salmonella* (1)	4 (40)	6 (60)
GA	16	8,560,310	1.87	7	8 (50)	*Salmonella* (3) *Calicivirus, Norovirus* (3) *E. coli.*, Enterohemorrhagic (e.g. O157 or other STEC) (1) *Clostridium perfringens* (1)	0 (0)	8 (50)
MD	9	5,458,137	1.65	9	5 (55)	*Calicivirus, Norovirus* (3) *Clostridium perfringens* (1) *Campylobacter* (1)	0 (0)	8 (89)
MN	31	5,019,720	6.18	8	21 (67)	*Calicivirus, Norovirus* (14) *Salmonella* (3) *Clostridium perfringens* (2) Scromboid toxin (1) *B. cereus* (1)	16 (52)	24 (77)
NM	0	1,855,059	0.00	0	0 (-)		0 (-)	0 (-)
NY	13	4,312,301	3.01	8	7 (54)	*Salmonella* (4) *E. coli.*, Enterohemorrhagic (e.g. O157 or other STEC) (1) Hepatitis A (1) *Giardia* lamblia (1)	1 (8)	3 (23)
OR	28	3,521,515	7.95	7	14 (50)	*Calicivirus, Norovirus* (10) *Salmonella* (2) E. coli., *Enterotoxigenic* (1) *Clostridium perfringens* (1)	3 (11)	15 (54)
TN	11	5,797,289	1.90	23	7 (64)	*Calicivirus, Norovirus* (3) Hepatitis A (2) *Salmonella* (2)	0 (0)	7 (64)
Total	**134**	**43,721,035**	**3.06**	**8**	**76 (57)**		**26 (19)**	**83 (62)**

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

*** Data accessed October 3rd, 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	3	3,228,717	0.93	32	0 (-)	1 (33)	2 (67)
CO	3	2,507,484	1.20	35	2 (67)	0 (-)	3 (100)
CT	4	3,460,503	1.16	17	4 (100)	3 (75)	3 (75)
GA	7	8,560,310	0.82	39	5 (71)	0 (0)	3 (43)
MD	4	5,458,137	0.73	19.5	2 (50)	0 (0)	3 (75)
MN	12	5,019,720	2.39	17.5	10 (83)	8 (67)	10 (83)
NM	0	1,855,059	0.00	0	0 (-)	0 (-)	0 (-)
NY	5	4,312,301	1.16	.31	1 (20)	0 (-)	1 (20)
OR	11	3,521,515	3.12	18	9 (82)	2 (18)	5 (45)
TN	10	5,797,289	1.72	23	6 (60)	0 (0)	6 (60)
Total	**59**	**43,721,035**	**1.35**	**23**	**39 (66)**	**14 (24)**	**36 (61)**

HUS Surveillance, 2004

Data as of September 23, 2005

Site	All cases (N=64)												In catchment (N=52)											
	<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	3	1.0	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**	**29**	**1.2**	**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	0/1 (-)	0/5 (0)	2/2 (100)	2/6 (33)	0/1 (-)	-	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)	0/1 (-)*	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	**16/23 (73)**	**27/56 (48)**	**11/15 (73)**	**38/64 (59)**	**3/23 (14)**	**-**	**0/15 (0)**	**3/64 (5)**

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

HUS Surveillance, 2005

Data as of September 23, 2005

Site	All cases (N=67)												In catchment (N=48)											
	<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	--	5	0 (0)	2	0 (0)	0	--	0	--	0	--	0	0.0	3	1.8	1	0.5	0	0.0	0	0.00	0	0.00
CO	0	--	8	0 (0)	0	--	0	--	0	--	0	--	0	0.0	3	2.0	0	0.0	0	0.0	0	0.00	0	0.00
CT	0	--	1	0 (0)	1	0 (0)	1	0 (0)	1	0 (0)	0	--	0	0.0	1	0.6	1	0.4	1	0.4	1	0.05	0	0.00
GA	0	--	4	1(25)	0	--	0	--	0	--	1	1 (100)	0	0.0	3	0.6	0	0.0	0	0.0	0	0.00	0	0.00
MD	0	--	1	0 (0)	0	--	0	--	0	--	0	--	0	0.0	1	0.3	0	0.0	0	0.0	0	0.00	0	0.00
MN	0	--	9	0 (0)	5	0 (0)	1	0 (0)	1	0 (0)	0	--	0	0.0	9	3.5	5	1.5	1	0.3	1	0.03	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	--	1	0 (0)	2	0 (0)	1	0 (0)	1	0 (0)	0	--	0	0.0	1	0.5	2	0.8	1	0.3	1	0.04	0	0.00
OR	0	--	5	0 (0)	0	--	0	--	0	--	0	--	0	0.0	5	2.8	0	0.0	0	0.0	0	0.00	0	0.00
TN	0	--	7	1 (14)	6	0 (0)	0	--	1	0 (0)	1	0 (0)	0	0.0	7	2.3	3	0.8	0	1.0	1	0.03	1	0.10
Total	1	1 (100)	41	2(5)	16	0 (0)	3	0 (0)	4	0 (0)	2	1 (50)	1	0.2	33	1.4	12	0.4	3	0.10	4	0.014	1	0.01

*per 100,000 persons

Site	Laboratory Testing (all cases included N=67)							
	Shiga toxin	O157			Non-O157			
	No. pos/ tested (%)	No. culture pos/tested (%)	No. seropos[1]/ total serum collected[2] (%)	Total pos/total cases (by culture or serology)	Stx pos & SMAC-O157 neg No. pos/tested (%)	Non-O157 isolated	No. seropos[3]/ serum collected[2] (%)	Total pos/total cases (by culture or serology)
CA	3/4 (75)	4/6 (67)	0/2 (0)	4/7(57)	0/6 (0)	-	0/2 (0)	0/7 (0)
CO	0/0 (-)	0/0 (-)	0/0 (-)	0/8 (0)	0/0 (-)	-	0/0 (-)	0/8 (0)
CT	1/1(100)	2/3 (67)	0/0 (-)	2/4 (50)	0/3 (0)	-	0/0 (-)	0/4 (0)
GA	0/0 (-)	3/3 (100)	0/0 (-)	3/5 (60)	0/3 (-)	-	0/0 (-)	0/5 (0)
MD	1/1 (100)	1/1 (100)	0/0 (-)	1/1 (100)	0/1 (0)	-	0/0 (-)	0/1 (0)
MN	8/16 (50)	8/16 (50)	0/7 (0)	8/16 (50)	6/16 (38)	-	0/7 (0)	6/16 (38)
NM	0/1 (0)	0/0 (-)	0/1 (0)	0/1 (0)	0/0 (-)	-	0/1 (0)	0/1 (0)
NY	1/1 (100)	2/4 (50)	0/2 (0)	2/5 (40)	0/4 (0)	-	0/2 (-)	0/5 (0)
OR	0/0 (-)	1/1 (100)	0/1 (0)	1/5 (20)	0/0 (-)	-	0/1 (0)	0/5 (0)
TN	1/1 (100)	9/13 (69)	0/4 (0)	9/15 (60)	0/13 (0)	-	0/4 (0)	0/15 (0)
Total	15/25 (60)	30/47 (64)	0/17 (0)	30/67 (45)	6/46 (13)	-	0/17 (0)	6/67 (9)

[1] No. seropos is from 1. a "yes" response to "Were significant levels of antibodies against an STEC detected?" 2. LPS type=O157 and 3. Titer IgG≥320 and a "positive" interpretation or Titer IgM ≥320 and a "positive" interpretation

[2] The denominator is a "yes" response to the question: "Was serum obtained from this patient?" It was assumed that each "yes" response resulted in a test.

[3] No. seropos is from 1. "yes" response to "Were significant levels of antibodies against an STEC detected?" 2. LPS type≠O157 and 3. Titer IgG≥320 and a "positive" interpretation or Titer IgM ≥ 320 and a "positive" interpretation

Data as of September 23, 2005

2005 Additional Tables

Site	Additional Tables (all cases included N=67)															
	O157				Non-O157				Serum							
	No. cultured/total cases		No. isolated/no. cultured		No. cultured for Non-O157/total cases		No. isolated/no. cultured		No. serum collected/ total cases		No. of significant Ab detected/ no. tested		No. tested Shiga/total cases		Outbreak related/total cases	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
CA	6/7	86	4/6	67	0/7	0	0/0	0	2/7	29	0/2	0	4/7	57	0/7	0
CO	0/8	0	0/0	0	0/8	0	0/0	0	0/8	0	0/0	0	0/8	0	2/8	25
CT	3/4	75	2/3	67	0/4	0	0/0	0	0/4	0	0/0	0	1/4	25	¼	25
GA	3/5	60	3/3	100	0/5	0	0/0	0	0/5	0	0/0	0	0/5	0	0/5	0
MD	1/1	100	1/1	100	0/1	0	0/0	0	0/1	0	0/0	0	1/1	100	0/1	0
MN	16/16	100	5/10	50	6/16	38	0/6	0	7/16	44	0/4	0	1616	100	2/16	13
NM	0/1	0	0/0	0	0/1	0	0/0	0	1/1	100	0/1	0	1/1	100	0/1	0
NY	4/5	80	2/4	50	0/5	0	0/0	0	2/5	40	0/2	0	1/5	20	0/5	0
OR	1/5	20	1/1	100	0/5	0	0/0	0	1/5	20	0/1	0	0/5	0	1/5	20
TN	13/15	87	9/13	69	0/15	0	0/0	0	4/15	27	0/4	0	1/15	7	3/15	20
Total	47/67	70	27/41	66	6/67	9	0/6	0	17/67	25	0/17	0	24/67	36	9/67	13