# FoodNet Active Manuscripts

| Status | # | Lead | Coauthors | Title | Journal | Updated | Comment |
|---|---|---|---|---|---|---|---|
| 8 | | | | | | | |
| | 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 | Antimicrobial Use and Outcomes in Patients with Multidrug-Resistant and Pansusceptible Salmonella Newport Infections, 2002-2003 | Microbial Drug Resistance | 7/25/2005 | |
| | 122 | Koehler, Kathleen M. | Lasky, Tamar, Fein, Sara B., DeLong, Stephanie M., Hawkins, Marguerite A., Rabatsky-Ehr, Therese R., Ray, Susan M., Shiferaw, Beletshachew, Swanson, Ellen, 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 | Pediatric Infectious Disease Journal | 9/15/2005 | Tentative publication date is January 2006. |
| 7 | | | | | | | |
| | 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 | Epidemiology and Infection | 1/6/2006 | |
| | 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 | Journal of Food Protection | 6/1/2005 | |
| | 106 | Marcus, Ruthanne | Varma, Jay K., Medus, Carlota, Boothe, Effie, Anderson, Bridget J., Crume, Tessa L., Fullerton, Kathleen E., Moore, Matthew R., White, Patricia L., Lyszkowicz, Ewelina, Voetsch, Andrew C., Angulo, Fredrick J., EIP FoodNet Working Group | Risk factors for sporadic infection caused by Salmonella Enteritidis in the United States, 2002-2003 | | 12/6/2005 | Submitted to Epidemiology and Infection |
| | 117 | Patrick, Mary | Griffin, Patricia M., Mead, Paul S., Voetsch, Andrew C. | The Effectiveness of Recall Notification: Community Response to a Nationwide Recall of Hot Dogs and Deli Meats | | | |
| | 113 | Varma, Jay K. | Samuel, Michael C., Marcus, Ruthanne, Hoekstra, Robert M., Medus, Carlota, Segler, Suzanne D., Anderson, Bridget J., Jones, Timothy F., Shiferaw, Beletshachew, Haubert, Nicole, Megginson, Melanie, McCarthy, Patrick V., Graves, Lewis M., Van Gilder, Thomas J., Angulo, Fredrick J. | Listeria Monocytogenes Infection From Food in the Regulatory Era: A Case-Control Study of Risk Factors for Sporadic Illness in the United States | | 1/11/2006 | Submitted to New England Journal of Medicine |
| | 112 | Varma, Jay K. | Marcus, Ruthanne, Stenzel, Sara A., Hanna, Samir S., Gettner, Sharmeen, Anderson, Bridget J., Hayes, Tameka, Shiferaw, Beletshachew, Crume, Tessa L., Joyce, Kevin W., Fullerton, Kathleen E., Voetsch, Andrew C., Angulo, Fredrick J. | Highly-resistant Salmonella Newport-MDRAmpC Transmitted Through the Domestic United States Food Supply: FoodNet Case Control Study, 2002-2003 | | 1/11/2006 | Submitted to AJPH |



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| Status | # | Lead | Coauthors | Title | Journal | Updated | Comment |
|---|---|---|---|---|---|---|---|
| | 118 | Voetsch, Andrew C. | Rabatsky-Ehr, 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 | | | Submitted to Epidemiology and Infection. |
| 6 | | | | | | | |
| | 124 | Dunne, Eileen F. | Griffin, Patricia M., Snider, Cynthia J., Bender, Jeffrey B., Beletshachew, Shiferaw, Vugia, Duc J., Dembek, Zygmunt F., Wesolowski, Laura G., Carter, Michael A., Zansky, Shelley M., Boothe, Effie J., Burnite, Steve, Wells, Joy G., Bibb, William, Mead, Paul S., Henao, Olga L., EIP FoodNet Working Group | Pediatric Hemolytic Uremic Syndrome in the United States, 1997-2002: A Study of 379 Cases | Journal of Food Protection | | |
| | 105 | Fullerton, Kathleen E. | Ingram, Amanda, Jones, Timothy F., Anderson, Bridget J., McCarthy, Patrick V., Hurd, Sharon, Shiferaw, Beletshachew, Vugia, Duc J., Haubert, Nicole, Hayes, Tameka, Wedel, Stephanie, Scallan, Elaine, Henao, Olga L., Angulo, Fredrick J., EIP FoodNet Working Group | Risk Factors for Infant Campylobacter Infections: A FoodNet Case-Control Study | | 2/8/2006 | To be submitted to New England Journal of Medicine |
| | 114 | Hoefer, Dina | Malone, Shauna, Zansky, Shelley M., Marcus, Ruthanne, Frenzen, Paul D., Scallan, Elaine | Knowledge, Attitude, and Practice of the Use of Irradiation Among Respondents to the FoodNet Population Survey in Connecticut and New York | | | |
| | 24 | Jones, Timothy F. | Ingram, Amanda, Fullerton, Kathleen E., Marcus, Ruthanne, Anderson, Bridget J., McCarthy, Patrick V., Vugia, Duc J., Shiferaw, Beletshachew, Haubert, Nicole, Wedel, Stephanie, Angulo, Fredrick J. | A Case Control Study of Salmonella Infection in Infants, FoodNet, 2002-2004 | | 2/8/2006 | To be submitted to New England Journal of Medicine |
| | 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 | | | |
| 5 | | | | | | | |
| | 433 | Roy, Sharon L. | Scallan, Elaine, Beach, Michael J. | The Burden of Acute Gastrointestinal Illness | | 1/3/2006 | |
| 4 | | | | | | | |
| | 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 | | | |
| | 107 | Voetsch, Andrew C. | | Analysis of Trends in Listeriosis in the FoodNet Sites, 1996-2003 | | 11/9/2005 | |



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| Status | # | Lead | Coauthors | Title | Journal | Updated | Comment |
|---|---|---|---|---|---|---|---|
| | 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 | | | |
| 3 | | | | | | | |
| | 323 | DeBess, Emilio E. | | Food Handler Survey: Knowledge and Attitudes of Foodborne Illnesses in Two Oregon Counties | | | |
| | 360 | Voetsch, Andrew C. | Henao, Olga L., Cronquist, Alicia B., Hurd, Sharon, Thomas, Stephanie M., Scheftel, Joni M., McMillian, Marcy, Megginson, Melanie, Hatch, Julie, Angulo, Fredrick J., EIP FoodNet Working Group | Surveillance Trends for Vibrio Infections in FoodNet sites, 1996-2004 | | 11/9/2005 | |
| 2 | | | | | | | |
| | 103 | Ailes, Elizabeth | Nelson, Jennifer M. | Foodborne Diseases Active Surveillance Network Surveillance Summary, 1996-2003 | | | |
| | 115 | Bair, Heather | FoodNet Education Working Group | Foodborne Diseases in the United States: Lessons Learned from FoodNet, 1996-2002 | | | |
| | 116 | Cheung, Michelle | Ray, Susan M., Shiferaw, Beletshachew, | Foodborne Pathogens Causing Illness in the First 7 Days of Life: FoodNet, 1996-2001 | | | |
| | 22 | Crump, John A. | Crump, John A., Joyce, Kevin W., Vugia, Duc J., Megginson, Melanie, Segler, Suzanne D., Hurd, Sharon, Luedeman, Jeff, Shiferaw, Beletshachew, Hanna, Samir S., Stevenson, Jennifer E., Angulo, Fredrick J. | Clinical Consequences of Typhoid Fever due to Salmonella Typhi with Decreased Susceptibility to Ciprofloxacin | | 11/9/2005 | |
| | 109 | Demma, Linda | Snider, Cynthia J., Shiferaw, Beletshachew, Vugia, Duc J., Hurd, Sharon, Zansky, Shelley M., Scheftel, Joni, Voetsch, Andrew C., Angulo, Fredrick J., Griffin, Patricia M., EIP FoodNet Working Group | Risk Factors for Developing Hemolytic Uremic Syndrome or Death Among Persons with Escherchia coli O157 Infection, FoodNet sites, 1997-2002 | | | |
| | 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 | | | |
| | 26 | Majowicz, Shannon E. | Scallan, Elaine, Hall, Gillian, Banerjee, Anyana, Kirk, Martyn D., Angulo, Fredrick J. | Respiratory Symptoms Among Persons with Gastrointestinal Illness | | 11/16/2005 | |
| | 432 | Maldonado, George | | Blending Project | | 1/3/2006 | |



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| Status | # | Lead | Coauthors | Title | Journal | Updated | Comment |
|---|---|---|---|---|---|---|---|
| | 325 | Shiferaw, Beletshachew | | Comparison of Three Surveillance Systems for Hemolytic Uremic Syndrome in Oregon | | | |
| | 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 | | | |
| 1 | | | | | | | |
| | 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 | | | |
| | 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 | Vugia, Duc J., Cronquist, Alicia B., Marcus, Ruthanne, Thomas, Stephanie M., Blythe, David, Fuller, Candace, Zansky, Shelley M., Cieslak, Paul R., Jones, Timothy F. | Burden of Bacterial Foodborne Illness in the United States | | | |
| 0 | | | | | | | |
| | 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 | | | |
| | 100 | Scallan, Elaine | Frenzen, Paul | The Economic Cost of Diarrheal Illness in the United States | | | |



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**FoodNet Vision Meeting DRAFT Agenda**
**Atlanta, GA**
**March 2-3, 2006**
**Location: CDC, Roybal Campus, Room: Bldg. 19**

**Thursday March 2: Review and discussion of established priorities and special studies**

**Morning Session**

8:00-8:30 Coffee/tea

8:30-8:40 Welcome and introductory comments: *Elaine Scallan, Robert Tauxe (10)*

8:40-9:00 FoodNet and the Emerging Infections Program: *Fred Angulo (20)*

9:00-9:10 Summary of Coordinators' meeting: *Shelley Zansky (10)*

9:10-9:35 Case-control studies
1. Summary of case-control studies methodology meeting: *George Maldonado (15)*
2. Select Salmonella serotypes case-control study: *Melissa Tobin-D'Angelo (10)*

9:35-10:00 Attributions Working Group
1. Attributions Working Group update: *Paul Cieslak* (15)
   - Modelling sub-committee
   - *Shigella* case report form study team
2. Danish Food Attribution Models: *Jane Harman (10)*

10:00-10:15 BREAK

10:15-10:45 Burden Working Group
1. Burden Working Group update: *Tim Jones (15)*
   - Validation Working Group
2. Population Survey cycle 5: *Olga Henao (5)*
3. Foodborne Disease Estimates WG: *Elaine Scallan (5)*
4. International Collaboration on Enteric Diseases BOI Studies: *Elaine Scallan (5)*

10:45-11:15 Antibiotic Resistance Working Group
1. Working Group update and Clinical Outcomes Study: *Tom Chiller (15)*
2. Retail Food Study: *Pat McDermot (15)*

11:15-12:00 HUS/STEC Working Group
1. HUS/STEC Working Group update: *Ruthanne Marcus (15)*
2. *E. coli* O157 Cohort Study*: Linda Demma (10)*
3. Trends in O157: *John Dunn (10)*
4. American Meat Institute survey: *Randy Hoffman (10)*

12:00-1:00 Lunch (pre-paid boxed lunch)

**Afternoon Session**

1:00-1:15 4th Annual FoodNet Star Award Ceremony: *Fred Angulo, Patricia Griffin*

1:15-1:35 *Campylobacter* – Regional Differences Working Group
1. Grocery Store Survey: *Katie Fullerton (10)*
2. Clinical Laboratory Survey: *Linda Demma (10)*

1:35-1:50 Outbreak/Norovirus Working Group

1. Outbreak/Norovirus Working Group update: *Tim Jones* (15)

1:50-2:05 Interventions Working Group

1. Interventions Working Group update: *Heather Bair-Brake (15)*

2:05-2:35 Other FoodNet updates

1. Unexplained Diarrhea Study: *Chris Braden (10)*
2. *Clostridium difficile*: *Fred Angulo (10)*
3. Non-O157 STEC: *Shelley Zansky (10)*

2:35-2:45 BREAK

2:45-3:00 The Linking Project: *Kathryn Teates (15)*

3:00-3:15 Trends Working Group

1. Negative binomial model development: *Mike Hoekstra, Olga Henao (15)*

3:15-3:30 MMWR Orientation discussion: *Fred Angulo, Ezra Barzilay (15)*

3:30-4:30 Comments from regulatory partners

1. USDA-FSIS: *To be determined (30)*
2. FDA-CFSAN: *Jack Guzewich, Pat McCarthy* (30)

4:30-4:45 Introduction to 2006 proposed priorities

4:45-5:00 Closing remarks

7 pm FoodNet Dinner

**Friday March 3: Set Priorities**

8:00-8:30 Coffee/tea

8:30-9:00 Comments from CDC partners

1. EHS-Net: *Carol Selman* (15)
2. PulseNet: *Peter Gerner-Smidt* (15)

9:00-9:30 Comments from external partners

9:30-10:30 MMWR: *Fred Angulo, Ezra Barzilay (60)*

10:30-10:45 BREAK

10:45-11:45 Discussion of possible FoodNet Year 2006 enhancements

11:45-12:15 Priority setting for FoodNet Year 2006 enhancements

12:15-12:30 Final comments and meeting adjourned

**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~~** 404-639-3535

Heather Green
Requestor's Name (please print)

University of MD Sc. of Medicine
Organization /Affiliation (please print)

410 706 6976
Requestor's Contact Phone

410706 4435
Requestor's Contact Fax

Date Approved by Steering Committee: ASAP

Date Analysis/Data Needed By

hgreen@epi.umaryland.edu
Requestor's Contact E-mail

**Description of Data Request:**

Research Question/Interest: We would like to know hospitalization rates of all FoodNet pathogens, stratified by age. This information is to be included in disease outcome trees for purposes of calculating disease burden.

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

Pathogen(s): ALL FOODNET PATHOGENS

Serotype(s):

Year(s): 2003, 2002, 2001

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

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.

Heather Green
Signature

01/18/06
Date

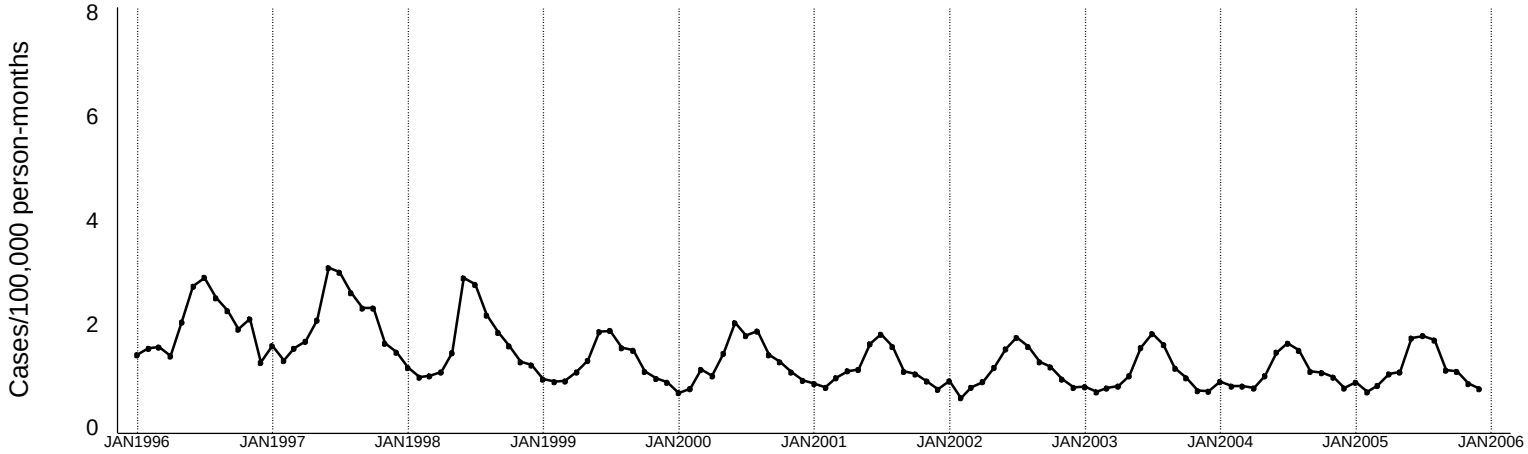
Please fax your completed form to FoodNet at 404-371-5444

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

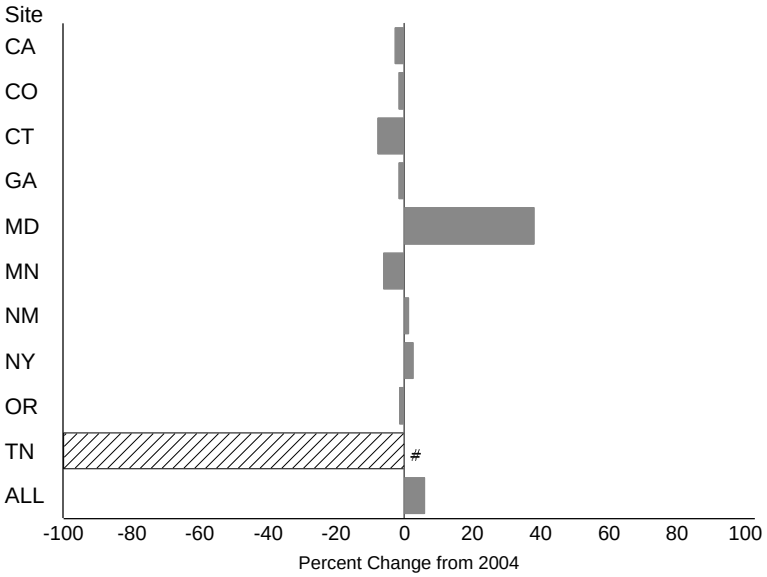
Modified 6/14/05

# *Campylobacter*

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




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

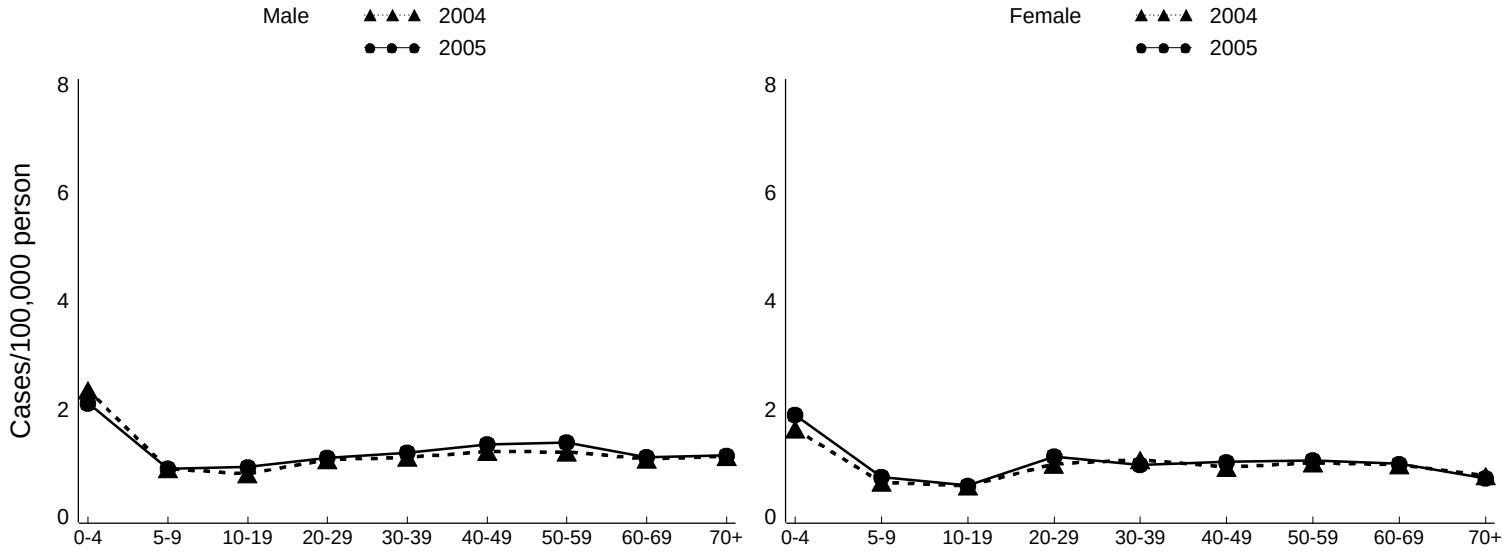



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| **Site** | **Cases** | **Rate^** | **Cases** | **Rate^** | **Cases** | **Rate^** |
| CA | 895 | 27.89 | 920 | 28.67 | 999 | 31.10 |
| CO | 493 | 19.29 | 501 | 19.60 | 391 | 16.01 |
| CT | 540 | 15.41 | 585 | 16.70 | 550 | 15.91 |
| GA | 566 | 6.410 | 575 | 6.512 | 613 | 7.178 |
| MD | 400 | 7.197 | 290 | 5.218 | 315 | 6.855 |
| MN | 842 | 16.51 | 896 | 17.57 | 961 | 19.17 |
| NM | 347 | 18.23 | 343 | 18.02 | 343 | 18.02 |
| NY | 506 | 11.73 | 493 | 11.42 | 397 | 12.83 |
| OR | 634 | 17.64 | 643 | 17.89 | 587 | 16.68 |
| TN | 0 | 0.000 | 438 | 7.423 | 293 | 7.068 |
| ALL | 5223 | 13.54 | 5684 | 12.78 | 5449 | 13.54 |

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

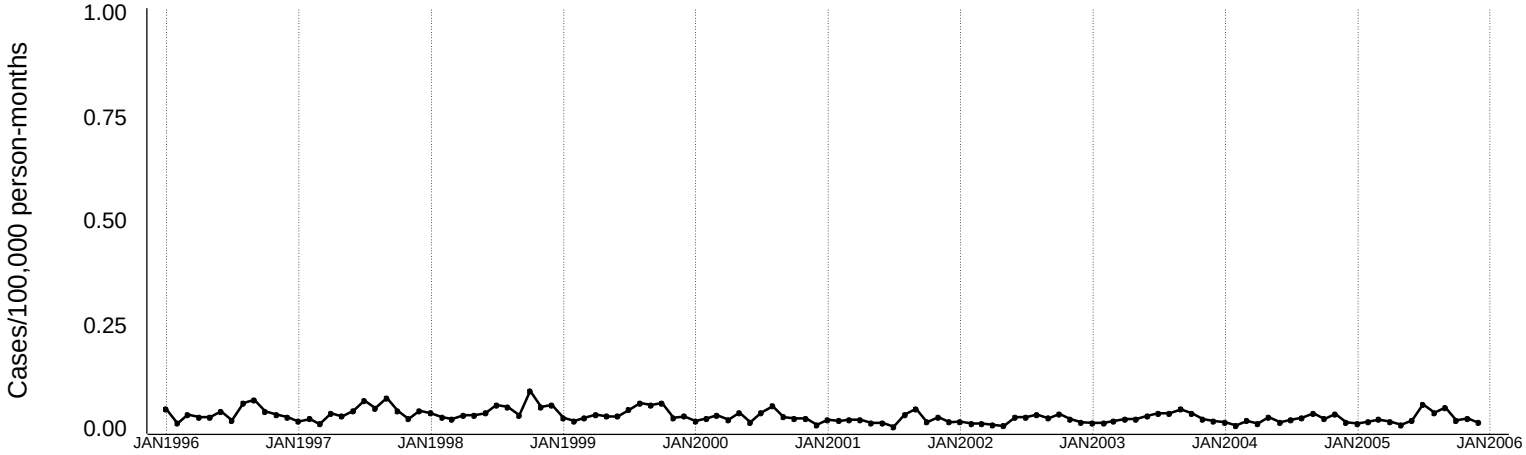
Calendar year through December: Rates for 2004 and 2005 by age group and sex



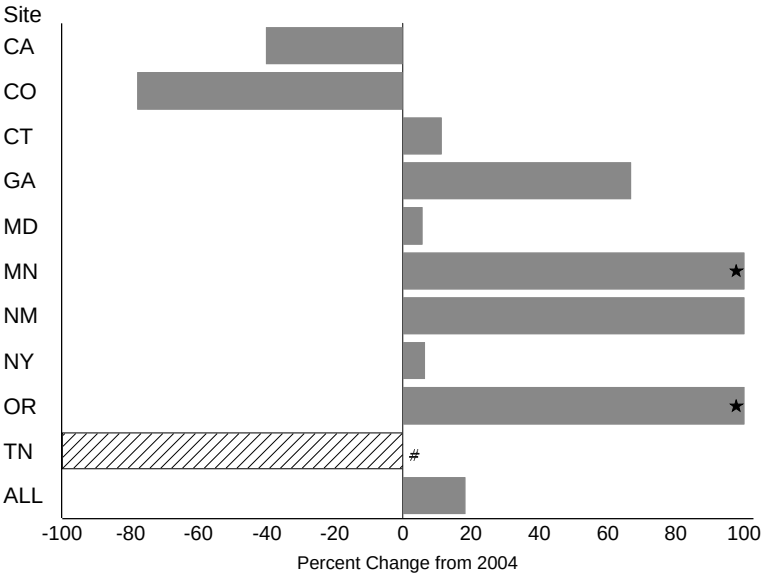

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Listeria*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

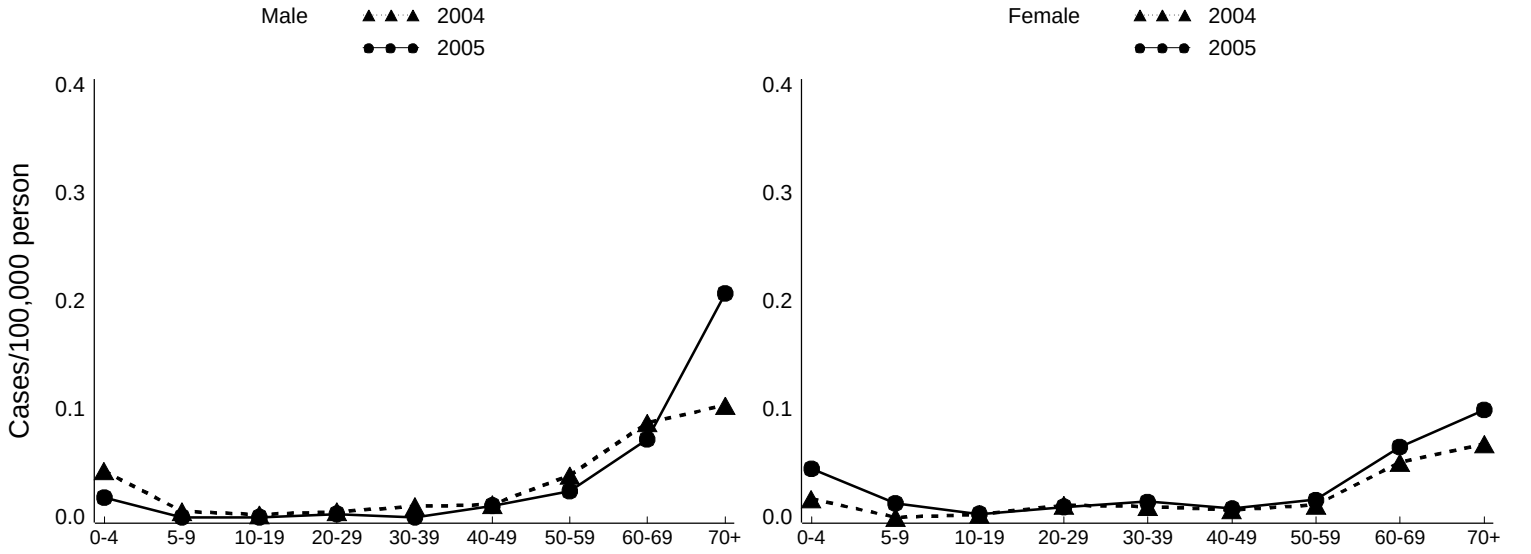



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 9 | 0.280 | 15 | 0.467 | 15 | 0.454 |
| CO | 2 | 0.078 | 9 | 0.352 | 6 | 0.235 |
| CT | 20 | 0.571 | 18 | 0.514 | 18 | 0.514 |
| GA | 25 | 0.283 | 15 | 0.170 | 20 | 0.234 |
| MD | 19 | 0.342 | 18 | 0.324 | 18 | 0.389 |
| MN | 15 | 0.294 | 5 | 0.098 | 5 | 0.108 |
| NM | 4 | 0.210 | 2 | 0.105 | 2 | 0.105 |
| NY | 17 | 0.394 | 16 | 0.371 | 14 | 0.485 |
| OR | 11 | 0.306 | 5 | 0.139 | 7 | 0.205 |
| TN | 0 | 0.000 | 16 | 0.271 | 9 | 0.212 |
| ALL | 122 | 0.316 | 119 | 0.268 | 114 | 0.294 |

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

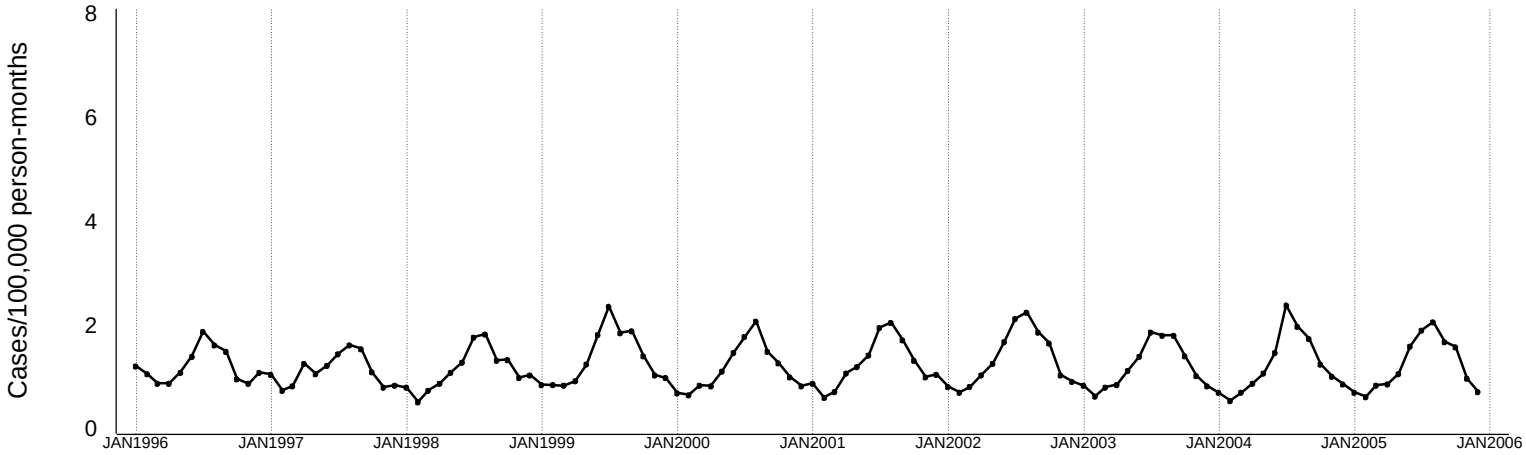
Calendar year through December: Rates for 2004 and 2005 by age group and sex



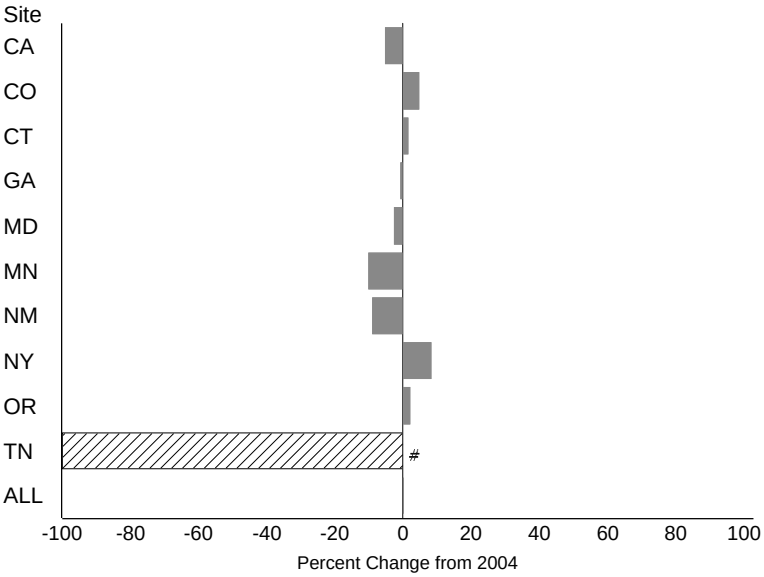

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella*, all serotypes

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




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

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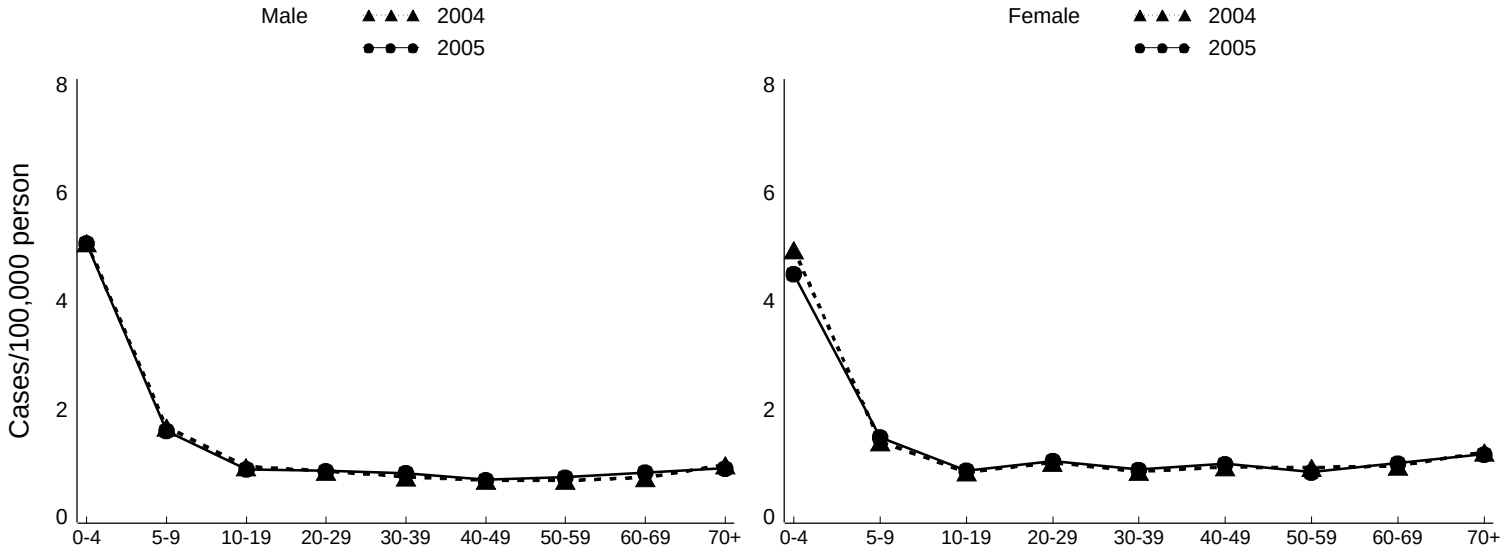
| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| **Site** | **Cases** | **Rate^** | **Cases** | **Rate^** | **Cases** | **Rate^** |
| CA | 456 | 14.2 | 481 | 15.0 | 483 | 15.0 |
| CO | 339 | 13.3 | 324 | 12.7 | 303 | 12.5 |
| CT | 469 | 13.4 | 462 | 13.2 | 438 | 12.7 |
| GA | 1908 | 21.6 | 1922 | 21.8 | 1797 | 21.0 |
| MD | 772 | 13.9 | 792 | 14.2 | 707 | 15.2 |
| MN | 579 | 11.4 | 643 | 12.6 | 624 | 12.4 |
| NM | 256 | 13.5 | 281 | 14.8 | 281 | 14.8 |
| NY | 486 | 11.3 | 449 | 10.4 | 380 | 12.2 |
| OR | 376 | 10.5 | 369 | 10.3 | 331 | 9.41 |
| TN | 0 | 0.00 | 775 | 13.1 | 588 | 15.1 |
| ALL | 5641 | 14.6 | 6498 | 14.6 | 5933 | 14.9 |

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

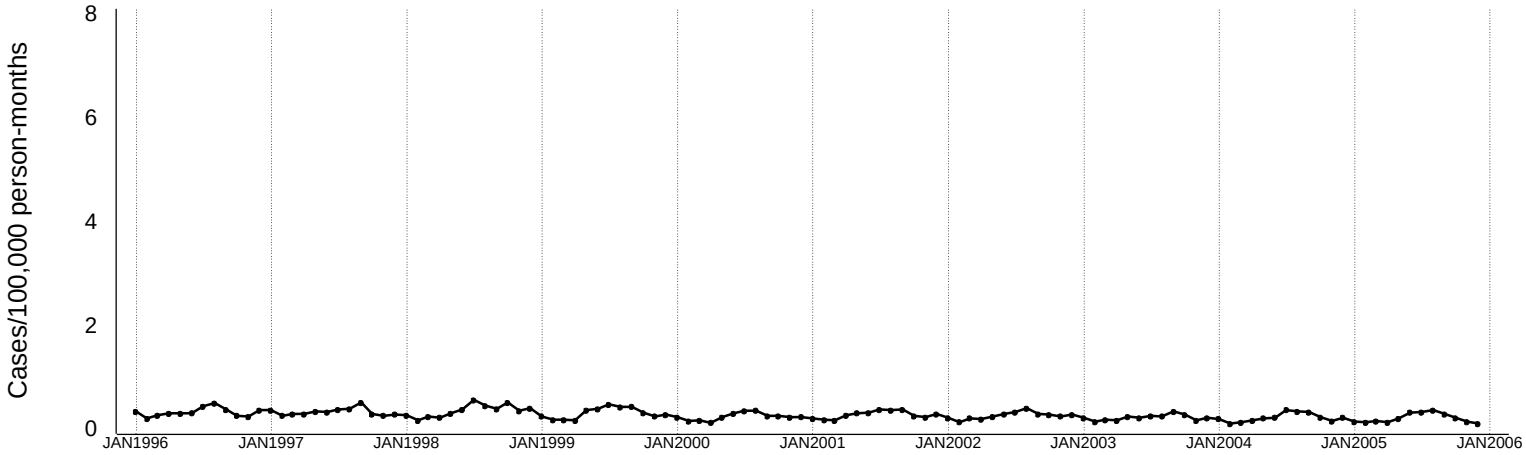
Calendar year through December: Rates for 2004 and 2005 by age group and sex



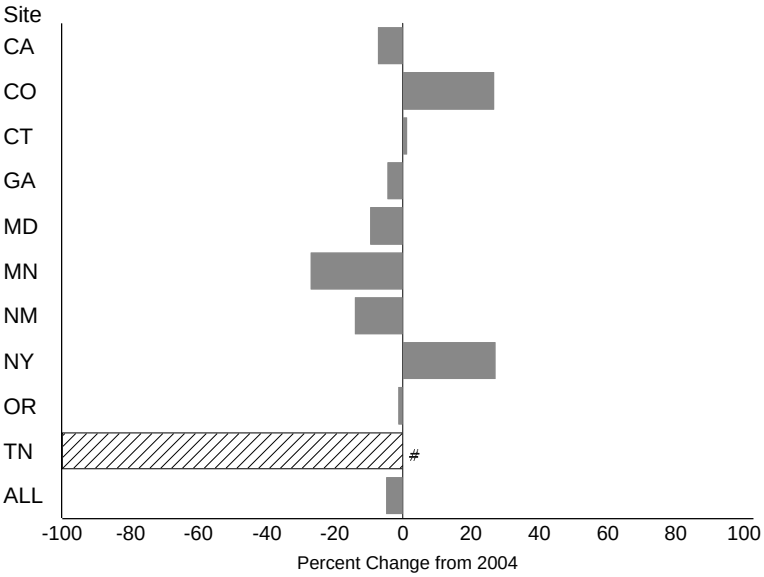

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella* Typhimurium

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

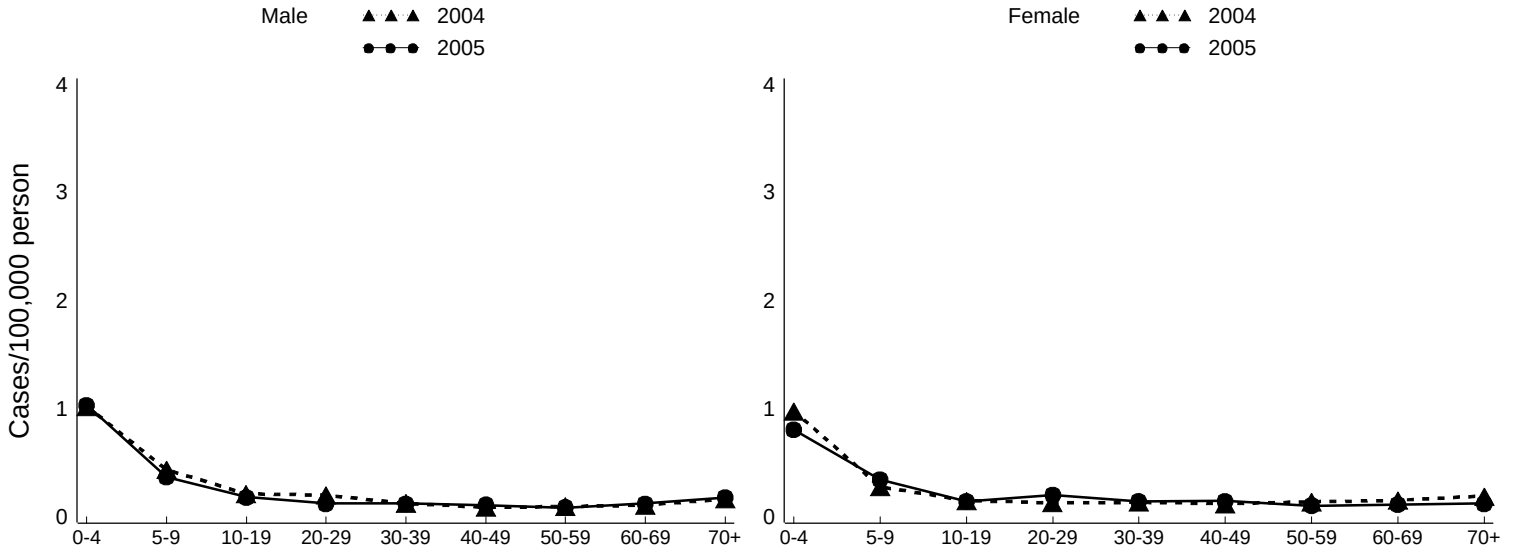



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 78 | 2.43 | 84 | 2.62 | 78 | 2.42 |
| CO | 95 | 3.72 | 75 | 2.93 | 72 | 3.00 |
| CT | 92 | 2.63 | 91 | 2.60 | 95 | 2.74 |
| GA | 257 | 2.91 | 269 | 3.05 | 290 | 3.40 |
| MD | 114 | 2.05 | 126 | 2.27 | 126 | 2.76 |
| MN | 120 | 2.35 | 164 | 3.22 | 161 | 3.21 |
| NM | 49 | 2.57 | 57 | 2.99 | 57 | 2.99 |
| NY | 99 | 2.29 | 78 | 1.81 | 78 | 2.65 |
| OR | 78 | 2.17 | 79 | 2.20 | 76 | 2.17 |
| TN | 0 | 0.00 | 167 | 2.83 | 135 | 3.54 |
| ALL | 982 | 2.55 | 1190 | 2.68 | 1168 | 2.94 |

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

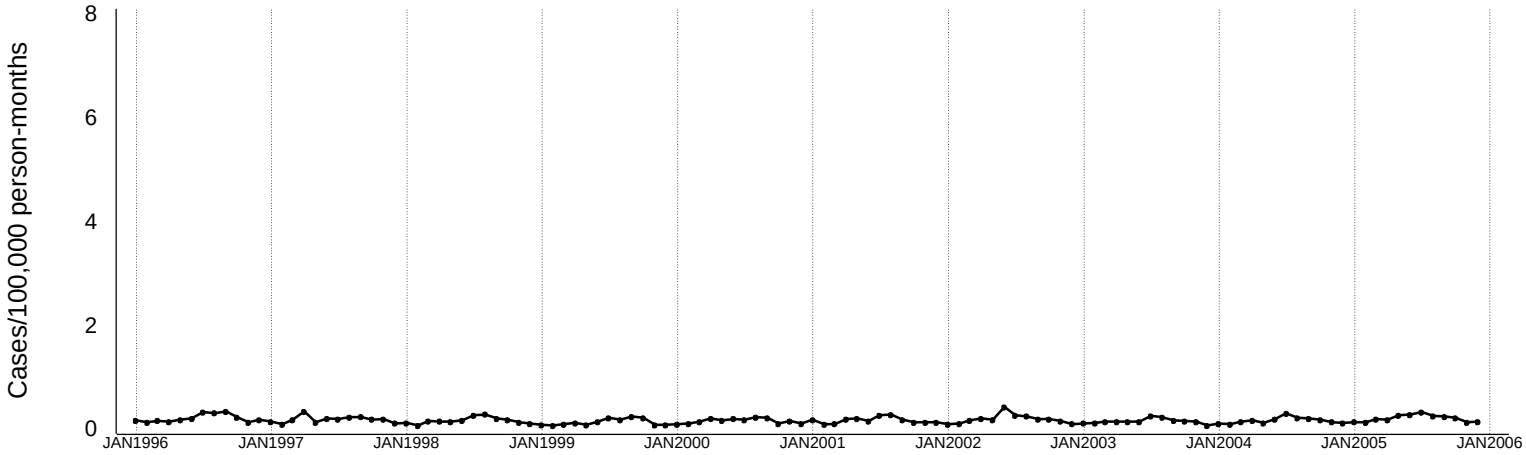
Calendar year through December: Rates for 2004 and 2005 by age group and sex



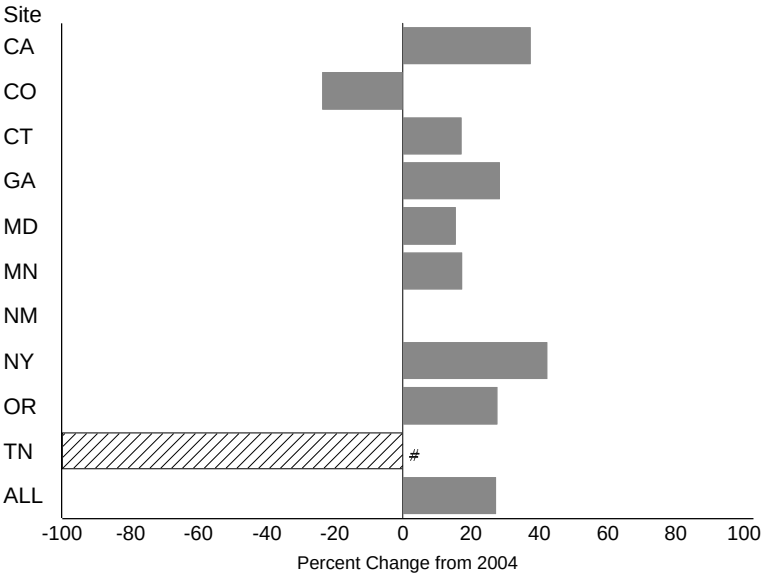

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella* Enteritidis

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

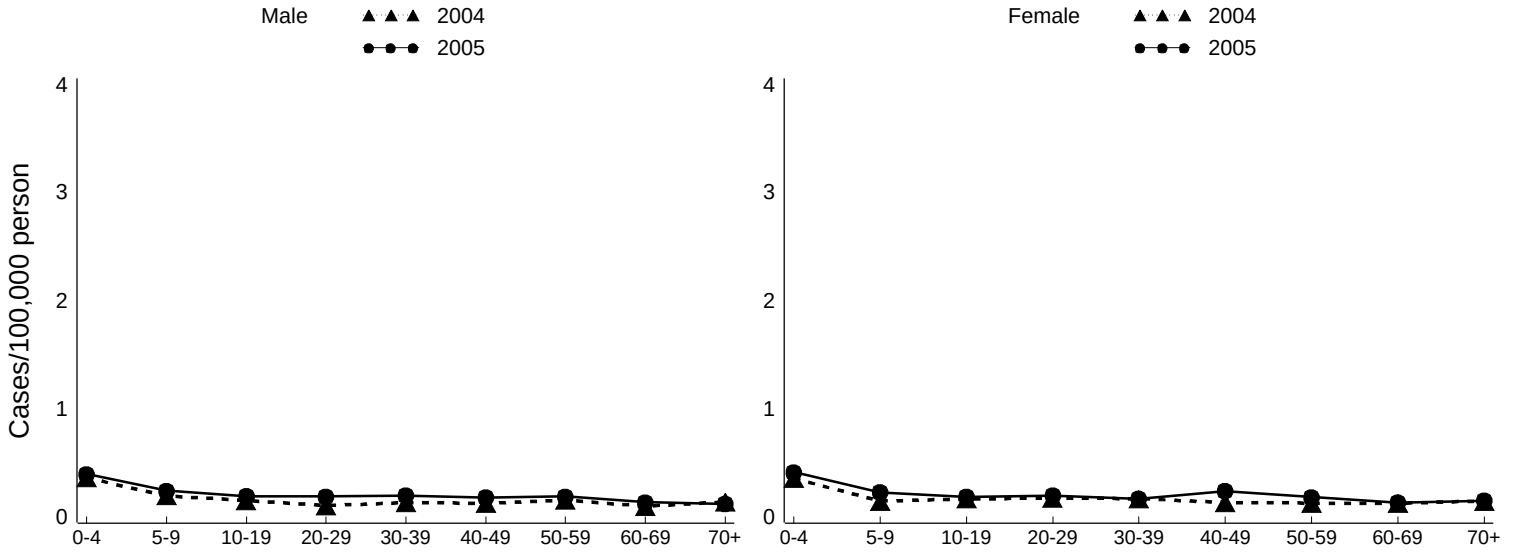



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 107 | 3.335 | 78 | 2.431 | 67 | 2.098 |
| CO | 55 | 2.152 | 72 | 2.817 | 55 | 2.244 |
| CT | 124 | 3.539 | 106 | 3.025 | 96 | 2.783 |
| GA | 136 | 1.540 | 106 | 1.201 | 89 | 1.037 |
| MD | 234 | 4.210 | 203 | 3.652 | 191 | 4.210 |
| MN | 130 | 2.549 | 111 | 2.176 | 112 | 2.227 |
| NM | 16 | 0.841 | 16 | 0.841 | 16 | 0.841 |
| NY | 91 | 2.109 | 64 | 1.483 | 71 | 2.251 |
| OR | 74 | 2.059 | 58 | 1.614 | 48 | 1.362 |
| TN | 0 | 0.000 | 63 | 1.068 | 42 | 1.054 |
| ALL | 967 | 2.507 | 877 | 1.972 | 787 | 2.012 |

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

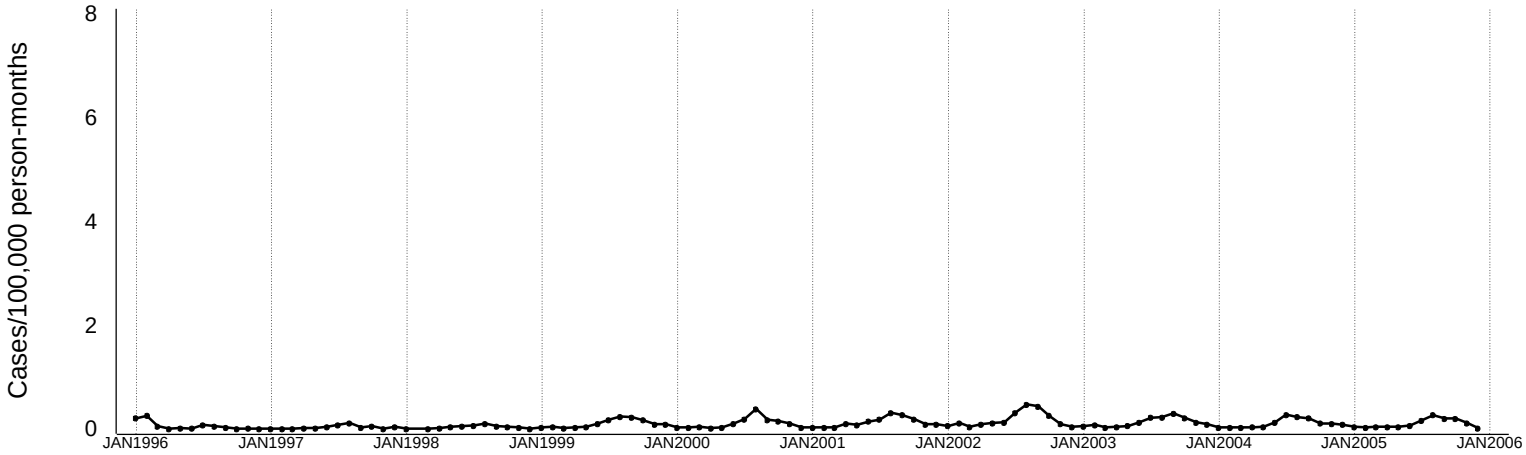
Calendar year through December: Rates for 2004 and 2005 by age group and sex



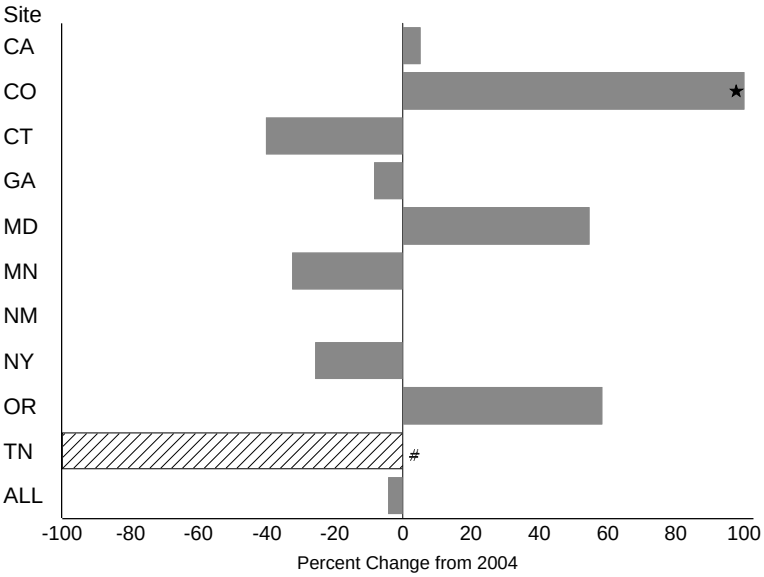

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella* Newport

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

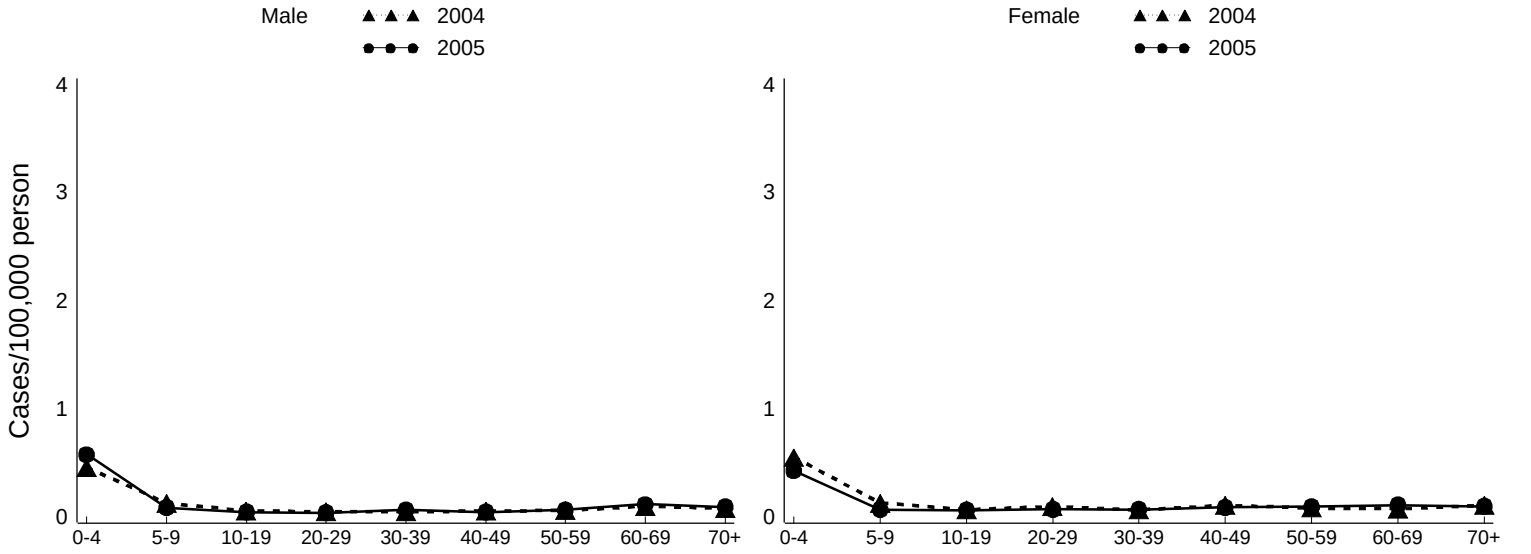



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
\# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 21 | 0.654 | 20 | 0.623 | 30 | 0.945 |
| CO | 34 | 1.330 | 13 | 0.509 | 22 | 0.913 |
| CT | 15 | 0.428 | 25 | 0.714 | 38 | 1.093 |
| GA | 255 | 2.888 | 278 | 3.149 | 288 | 3.361 |
| MD | 51 | 0.918 | 33 | 0.594 | 46 | 0.949 |
| MN | 44 | 0.863 | 65 | 1.274 | 46 | 0.918 |
| NM | 25 | 1.314 | 25 | 1.314 | 25 | 1.314 |
| NY | 29 | 0.672 | 39 | 0.904 | 44 | 1.340 |
| OR | 19 | 0.529 | 12 | 0.334 | 22 | 0.613 |
| TN | 0 | 0.000 | 83 | 1.407 | 75 | 2.106 |
| ALL | 493 | 1.278 | 593 | 1.333 | 636 | 1.610 |

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

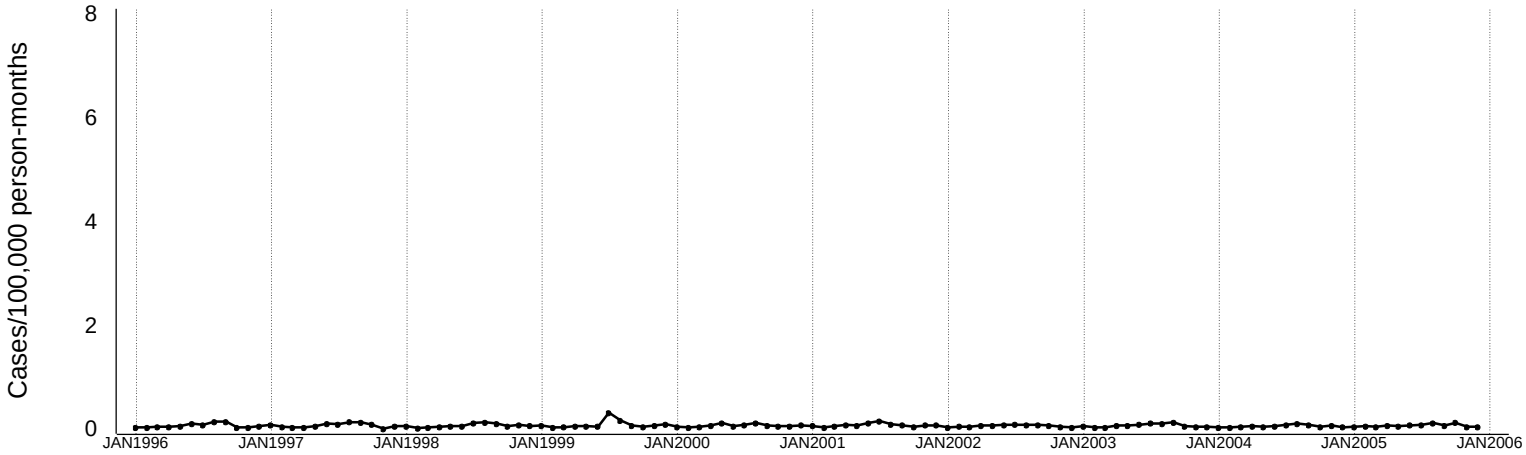
Calendar year through December: Rates for 2004 and 2005 by age group and sex



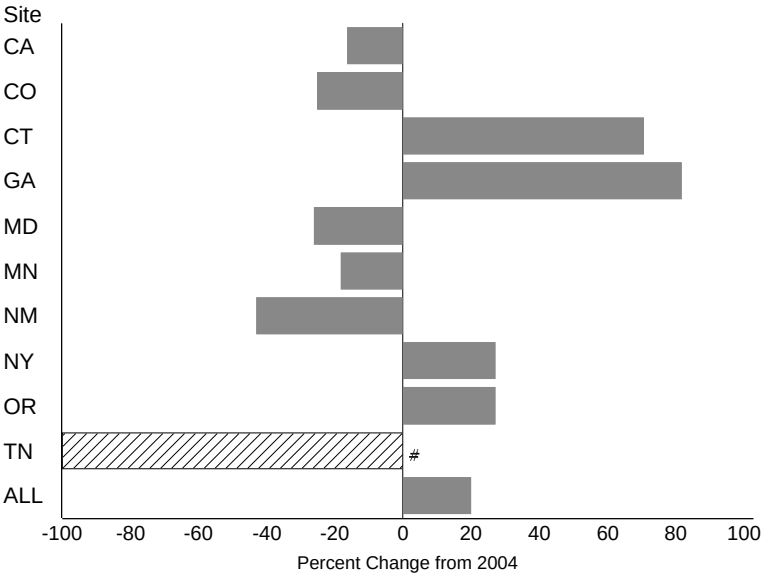

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella* Heidelberg

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

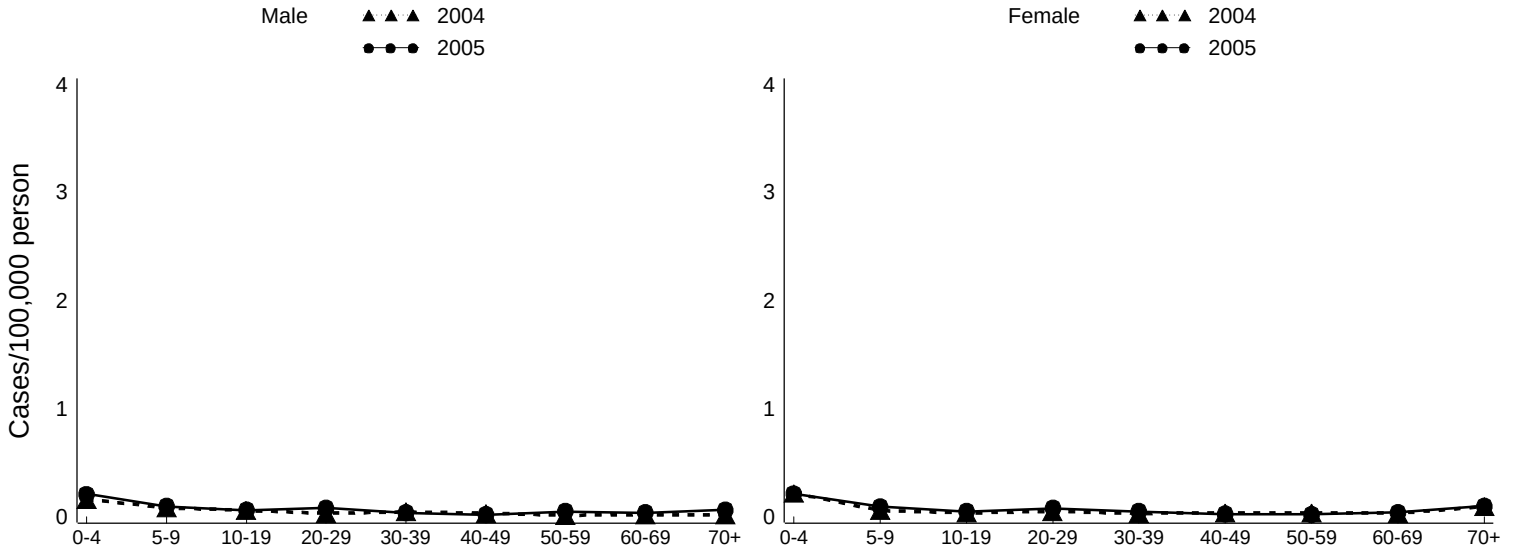



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 36 | 1.122 | 43 | 1.340 | 42 | 1.307 |
| CO | 12 | 0.470 | 16 | 0.626 | 18 | 0.766 |
| CT | 29 | 0.828 | 17 | 0.485 | 19 | 0.537 |
| GA | 98 | 1.110 | 54 | 0.612 | 71 | 0.839 |
| MD | 20 | 0.360 | 27 | 0.486 | 28 | 0.627 |
| MN | 27 | 0.529 | 33 | 0.647 | 46 | 0.925 |
| NM | 4 | 0.210 | 7 | 0.368 | 7 | 0.368 |
| NY | 47 | 1.089 | 37 | 0.857 | 32 | 1.094 |
| OR | 47 | 1.308 | 37 | 1.029 | 22 | 0.635 |
| TN | 0 | 0.000 | 37 | 0.627 | 27 | 0.669 |
| ALL | 320 | 0.830 | 308 | 0.693 | 313 | 0.808 |

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

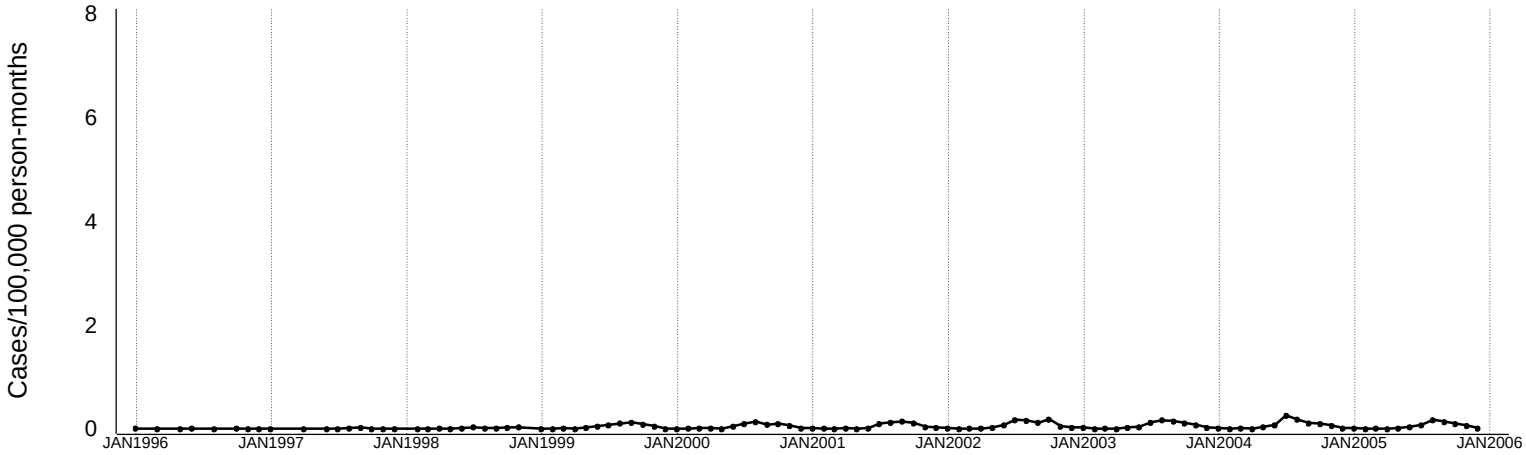
Calendar year through December: Rates for 2004 and 2005 by age group and sex



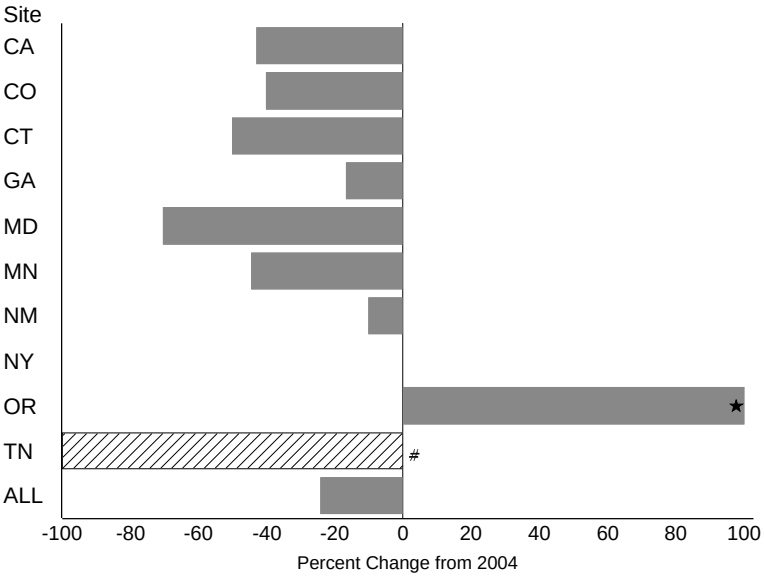

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella* Javiana

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

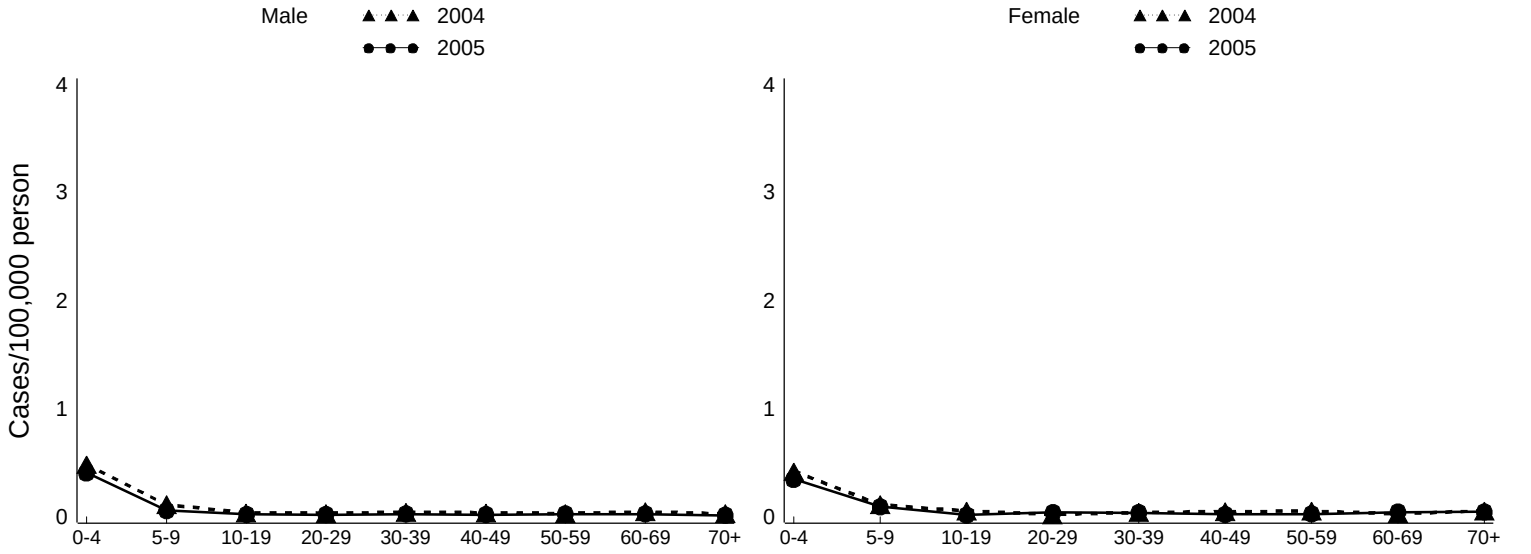



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 4 | 0.125 | 7 | 0.218 | 5 | 0.162 |
| CO | 3 | 0.117 | 5 | 0.196 | 5 | 0.181 |
| CT | 6 | 0.171 | 12 | 0.343 | 5 | 0.144 |
| GA | 205 | 2.322 | 246 | 2.786 | 220 | 2.562 |
| MD | 25 | 0.450 | 84 | 1.511 | 30 | 0.594 |
| MN | 5 | 0.098 | 9 | 0.176 | 7 | 0.143 |
| NM | 18 | 0.946 | 20 | 1.051 | 20 | 1.051 |
| NY | 6 | 0.139 | 6 | 0.139 | 4 | 0.099 |
| OR | 4 | 0.111 | 1 | 0.028 | 3 | 0.091 |
| TN | 0 | 0.000 | 29 | 0.491 | 27 | 0.748 |
| ALL | 276 | 0.716 | 419 | 0.942 | 326 | 0.801 |

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

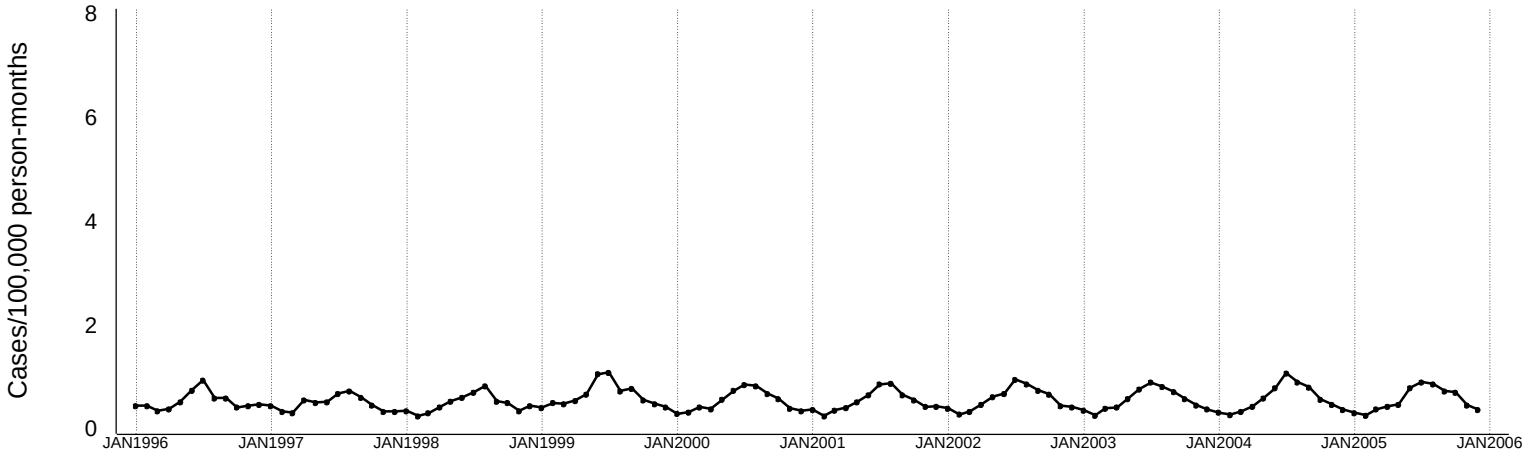
Calendar year through December: Rates for 2004 and 2005 by age group and sex



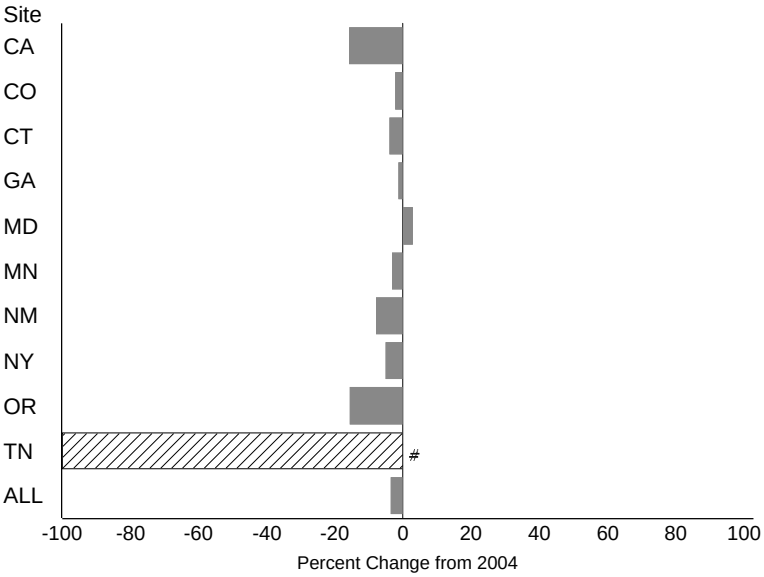

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Salmonella*, all others

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




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

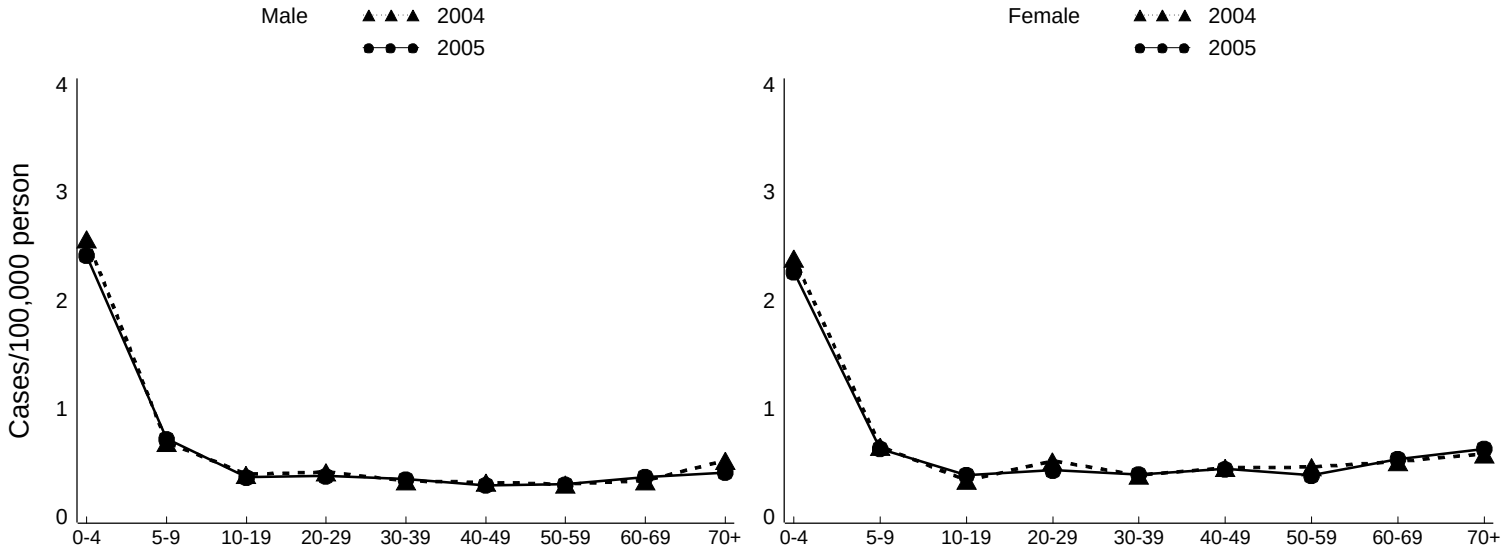



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 210 | 6.54 | 249 | 7.76 | 260 | 8.11 |
| CO | 140 | 5.48 | 143 | 5.60 | 131 | 5.43 |
| CT | 203 | 5.79 | 211 | 6.02 | 186 | 5.38 |
| GA | 957 | 10.8 | 969 | 11.0 | 839 | 9.80 |
| MD | 328 | 5.90 | 319 | 5.74 | 286 | 6.02 |
| MN | 253 | 4.96 | 261 | 5.12 | 251 | 5.01 |
| NM | 144 | 7.57 | 156 | 8.20 | 156 | 8.20 |
| NY | 214 | 4.96 | 225 | 5.21 | 151 | 4.80 |
| OR | 154 | 4.28 | 182 | 5.06 | 160 | 4.54 |
| TN | 0 | 0.00 | 396 | 6.71 | 281 | 7.00 |
| ALL | 2603 | 6.75 | 3111 | 7.00 | 2703 | 6.70 |

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

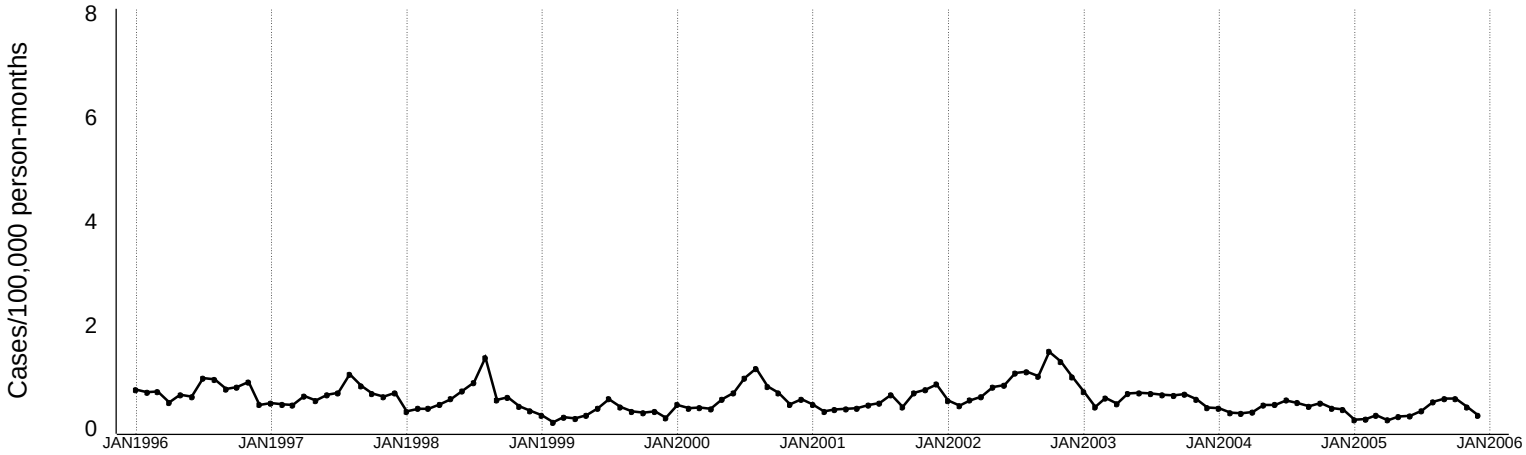
Calendar year through December: Rates for 2004 and 2005 by age group and sex



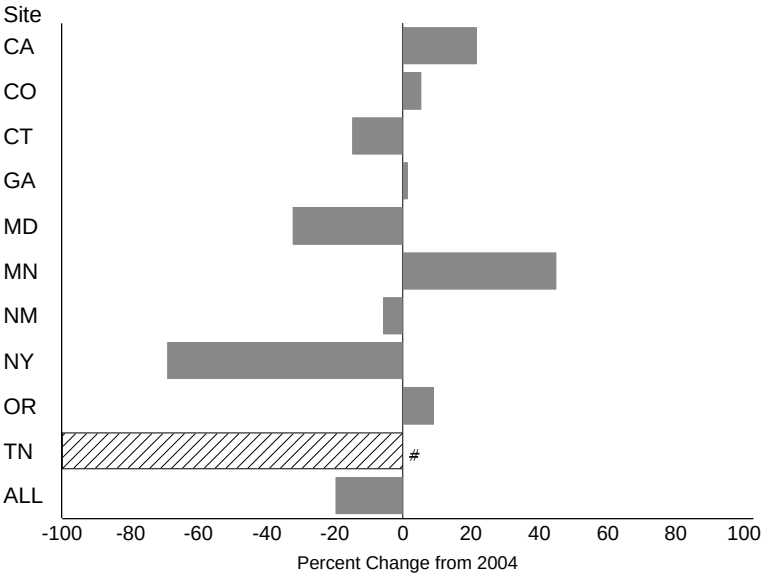

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Shigella*, all species

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

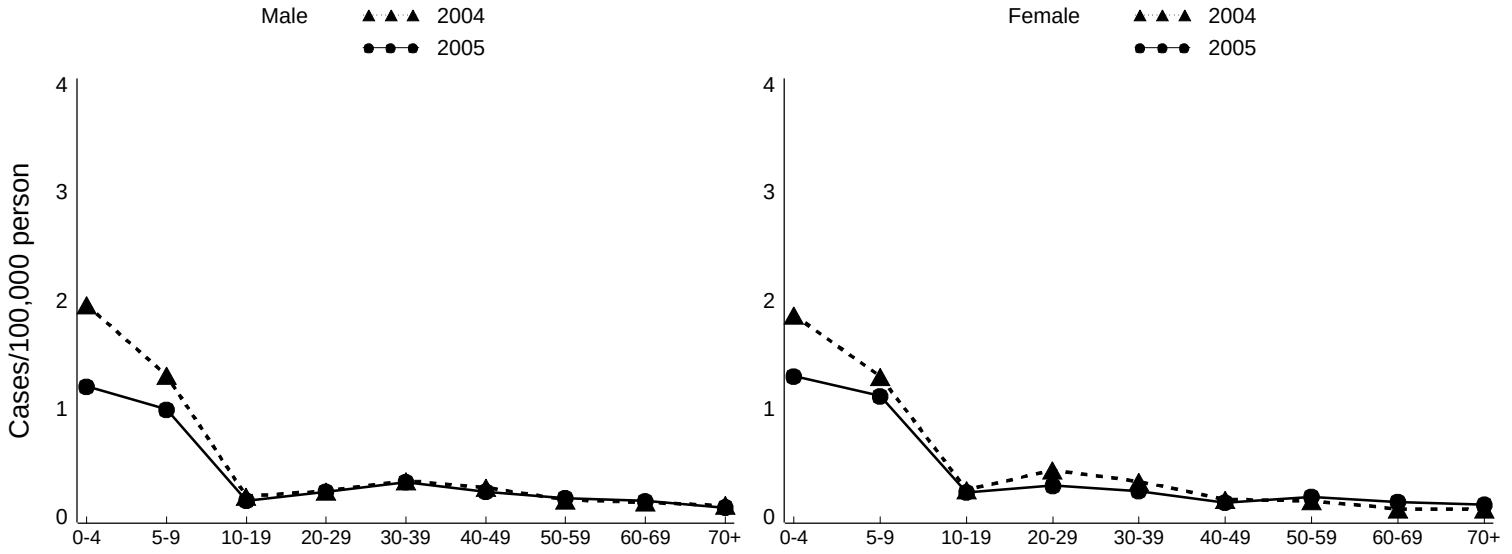



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 277 | 8.63 | 228 | 7.11 | 375 | 11.7 |
| CO | 101 | 3.95 | 96 | 3.76 | 153 | 6.29 |
| CT | 58 | 1.66 | 68 | 1.94 | 74 | 2.14 |
| GA | 653 | 7.40 | 645 | 7.31 | 931 | 10.8 |
| MD | 97 | 1.75 | 143 | 2.57 | 400 | 7.80 |
| MN | 97 | 1.90 | 67 | 1.31 | 357 | 7.19 |
| NM | 132 | 6.94 | 140 | 7.36 | 140 | 7.36 |
| NY | 66 | 1.53 | 213 | 4.94 | 110 | 2.96 |
| OR | 85 | 2.36 | 78 | 2.17 | 100 | 2.86 |
| TN | 0 | 0.00 | 570 | 9.66 | 296 | 6.88 |
| ALL | 1566 | 4.06 | 2248 | 5.06 | 2936 | 7.44 |

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

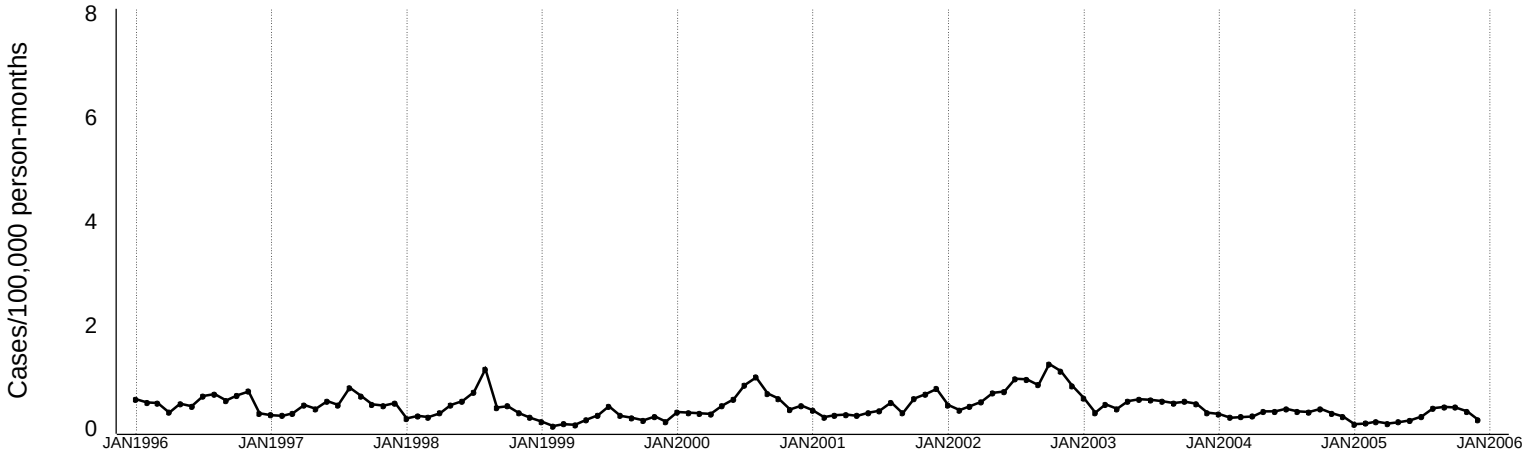
Calendar year through December: Rates for 2004 and 2005 by age group and sex



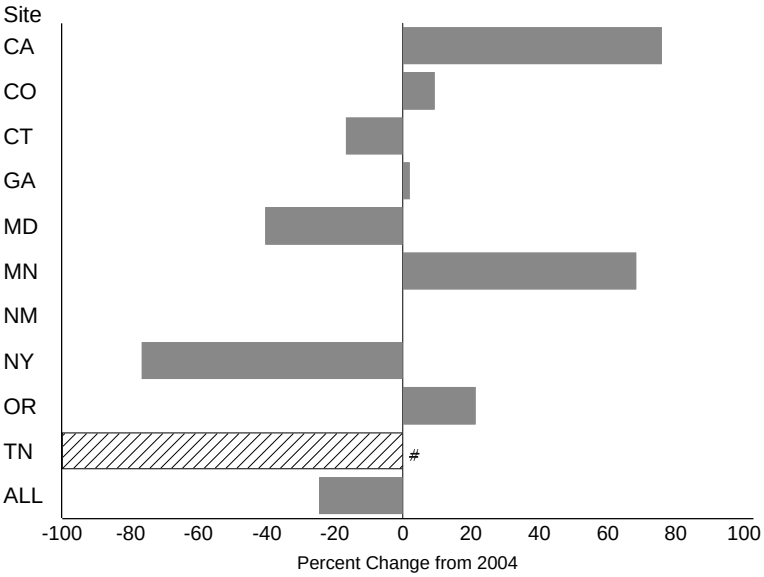

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Shigella sonnei*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

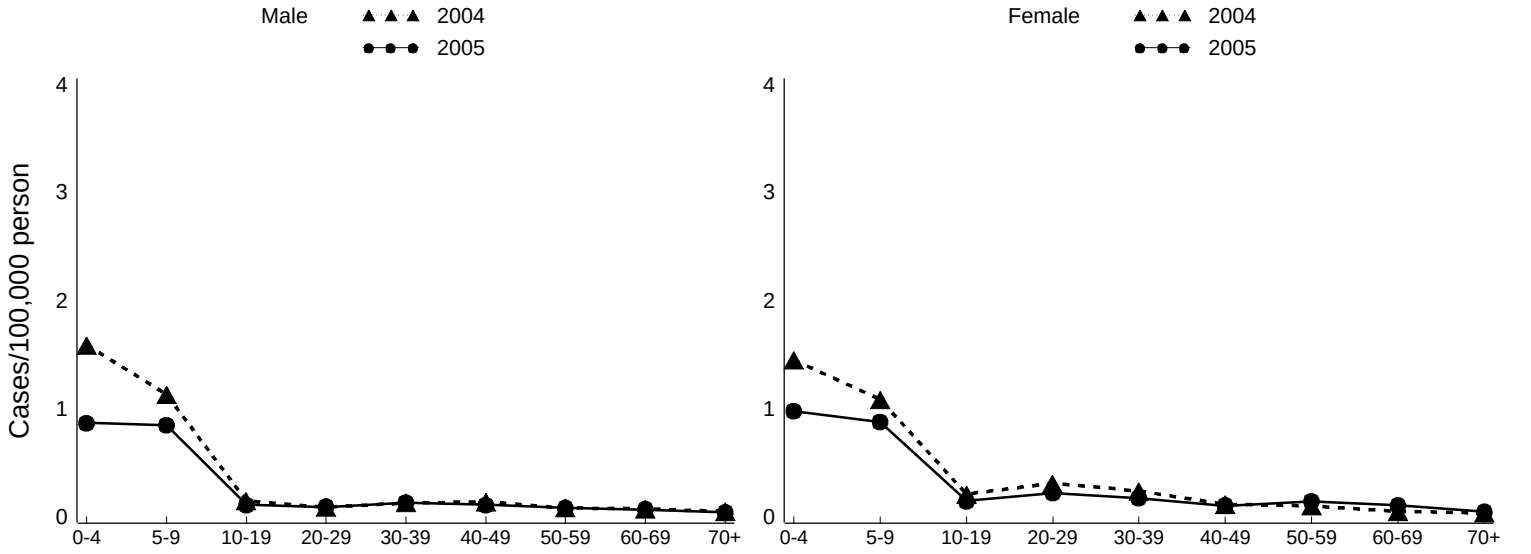



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 167 | 5.205 | 95 | 2.961 | 236 | 7.341 |
| CO | 60 | 2.348 | 55 | 2.152 | 111 | 4.565 |
| CT | 35 | 0.999 | 42 | 1.199 | 53 | 1.533 |
| GA | 496 | 5.618 | 487 | 5.516 | 758 | 8.833 |
| MD | 52 | 0.936 | 87 | 1.565 | 352 | 6.789 |
| MN | 69 | 1.353 | 41 | 0.804 | 324 | 6.523 |
| NM | 80 | 4.203 | 80 | 4.203 | 80 | 4.203 |
| NY | 47 | 1.089 | 200 | 4.635 | 100 | 2.613 |
| OR | 63 | 1.753 | 52 | 1.447 | 59 | 1.675 |
| TN | 0 | 0.000 | 493 | 8.355 | 249 | 5.769 |
| ALL | 1069 | 2.772 | 1632 | 3.670 | 2322 | 5.962 |

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

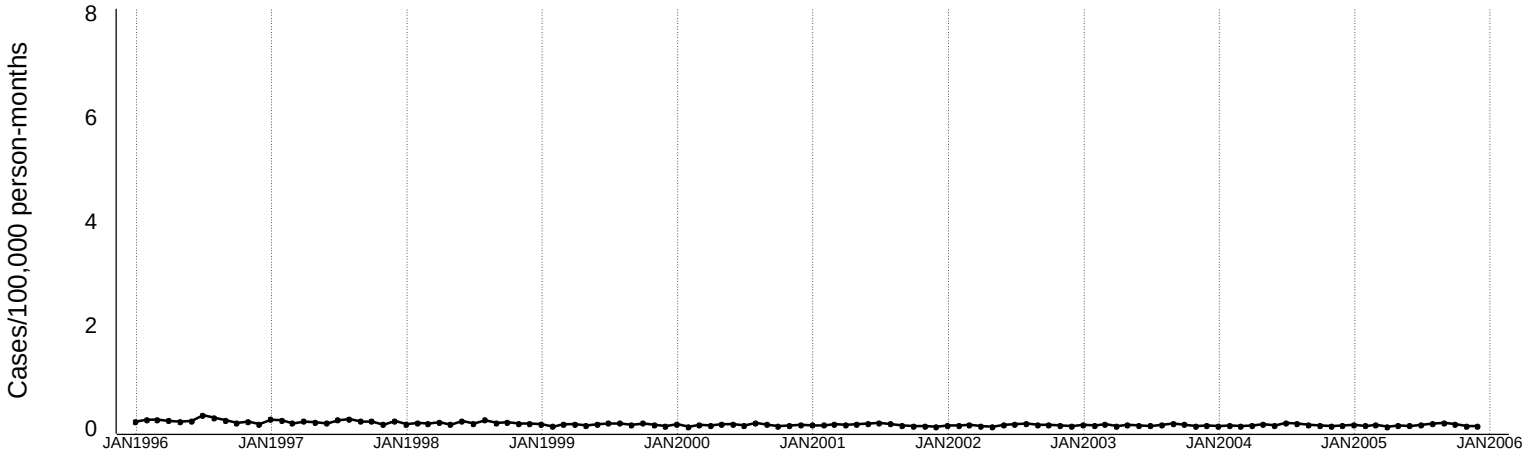
Calendar year through December: Rates for 2004 and 2005 by age group and sex



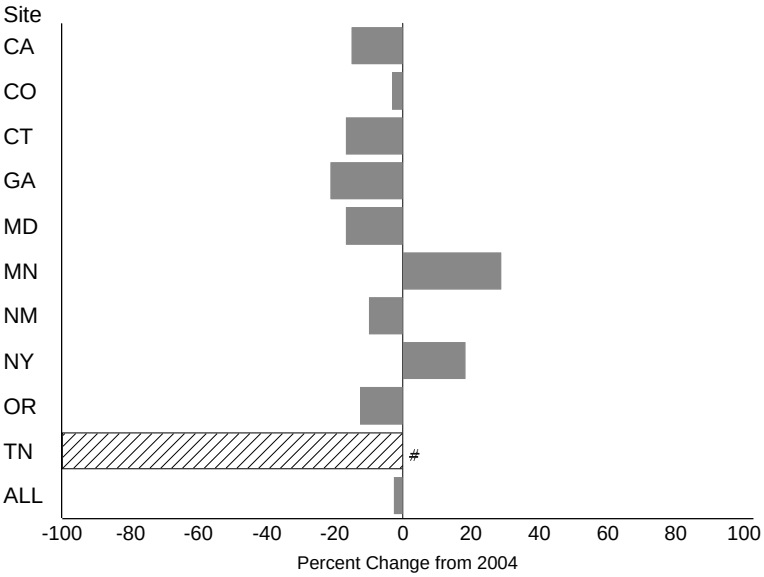

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Shigella flexneri*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

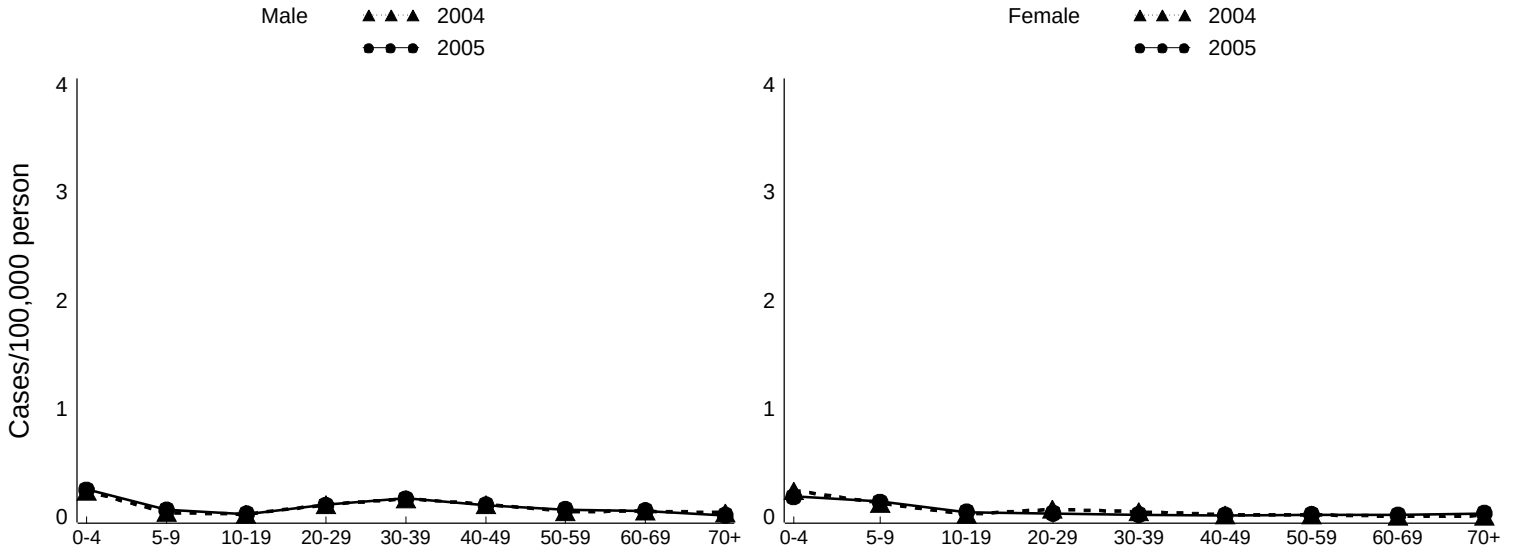



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| **Site** | **Cases** | **Rate^** | **Cases** | **Rate^** | **Cases** | **Rate^** |
| CA | 85 | 2.649 | 100 | 3.117 | 103 | 3.202 |
| CO | 32 | 1.252 | 33 | 1.291 | 34 | 1.367 |
| CT | 20 | 0.571 | 24 | 0.685 | 19 | 0.549 |
| GA | 67 | 0.759 | 85 | 0.963 | 75 | 0.881 |
| MD | 40 | 0.720 | 48 | 0.864 | 36 | 0.763 |
| MN | 27 | 0.529 | 21 | 0.412 | 26 | 0.518 |
| NM | 46 | 2.417 | 51 | 2.680 | 51 | 2.680 |
| NY | 13 | 0.301 | 11 | 0.255 | 8 | 0.264 |
| OR | 21 | 0.584 | 24 | 0.668 | 37 | 1.050 |
| TN | 0 | 0.000 | 18 | 0.305 | 12 | 0.305 |
| ALL | 351 | 0.910 | 415 | 0.933 | 401 | 0.933 |

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

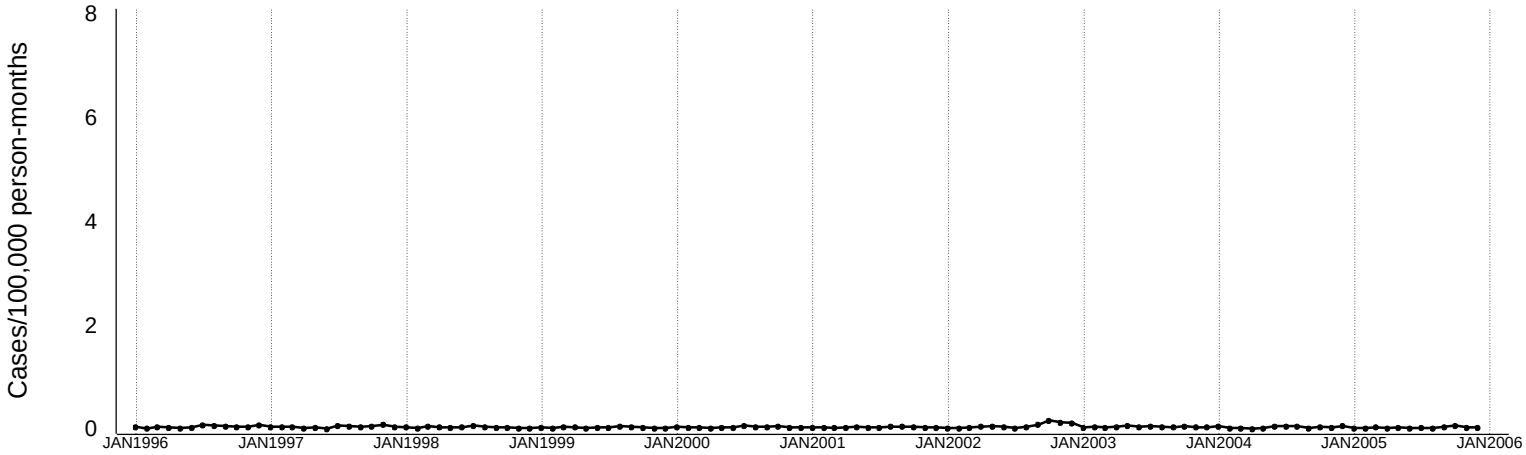
Calendar year through December: Rates for 2004 and 2005 by age group and sex



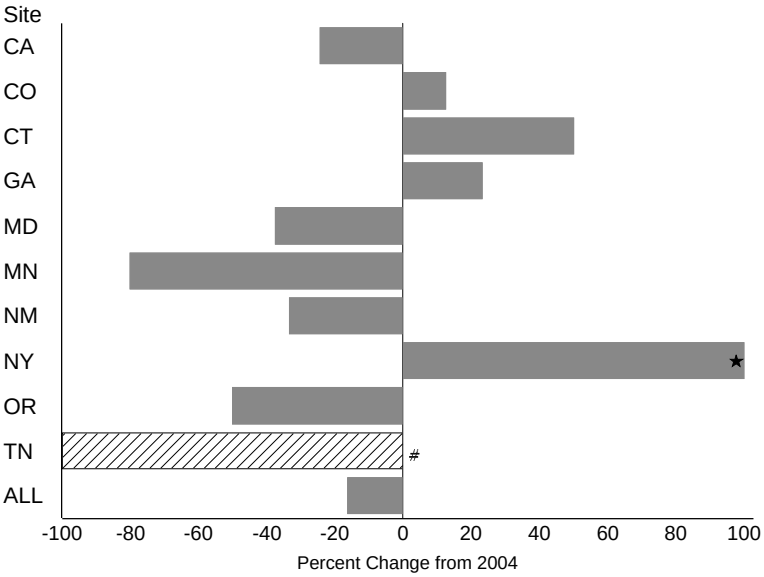

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Shigella*, all others

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

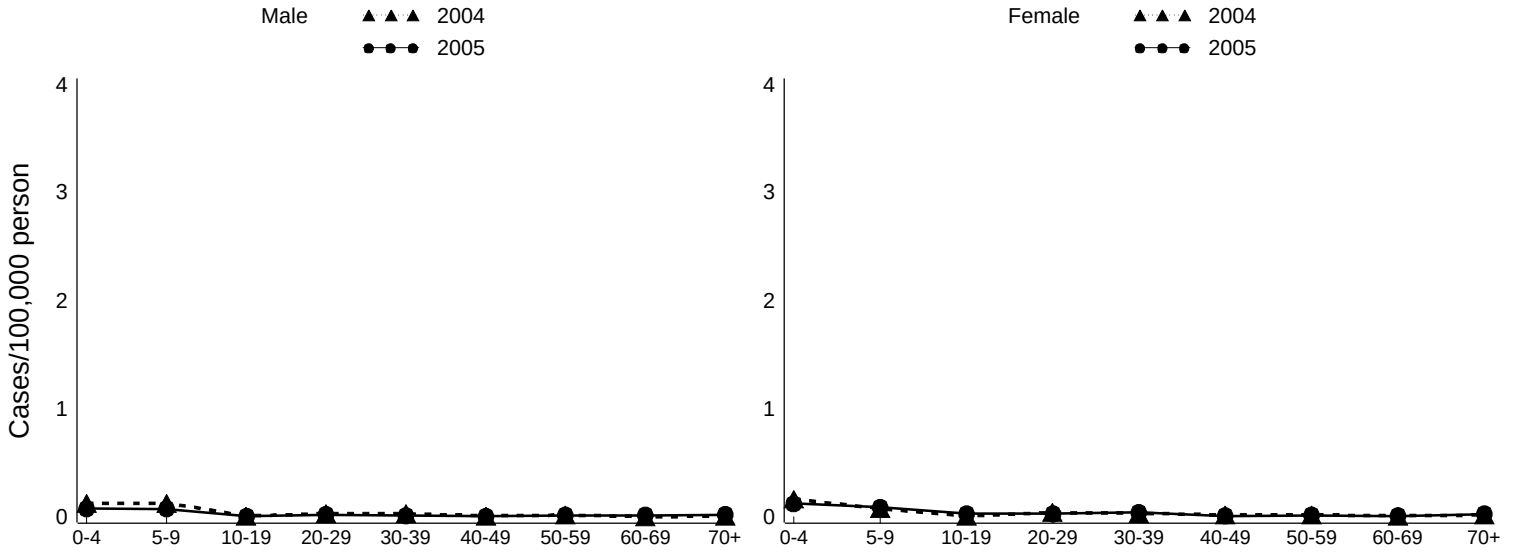



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 25 | 0.779 | 33 | 1.028 | 37 | 1.146 |
| CO | 9 | 0.352 | 8 | 0.313 | 9 | 0.358 |
| CT | 3 | 0.086 | 2 | 0.057 | 2 | 0.064 |
| GA | 90 | 1.019 | 73 | 0.827 | 97 | 1.132 |
| MD | 5 | 0.090 | 8 | 0.144 | 11 | 0.245 |
| MN | 1 | 0.020 | 5 | 0.098 | 7 | 0.148 |
| NM | 6 | 0.315 | 9 | 0.473 | 9 | 0.473 |
| NY | 6 | 0.139 | 2 | 0.046 | 2 | 0.082 |
| OR | 1 | 0.028 | 2 | 0.056 | 5 | 0.137 |
| TN | 0 | 0.000 | 59 | 1.000 | 35 | 0.803 |
| ALL | 146 | 0.379 | 201 | 0.452 | 214 | 0.540 |

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

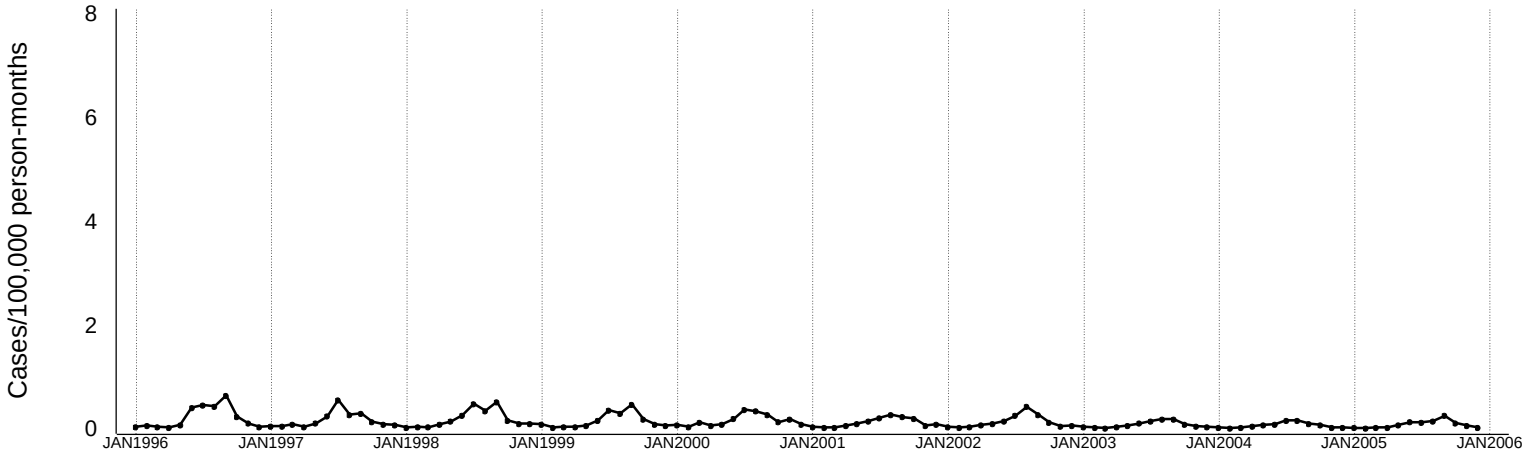
Calendar year through December: Rates for 2004 and 2005 by age group and sex



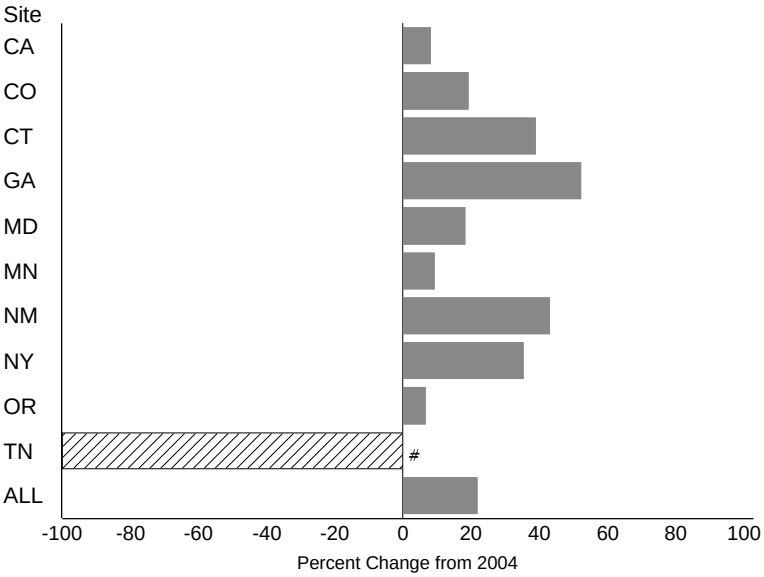

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *E. coli* O157

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

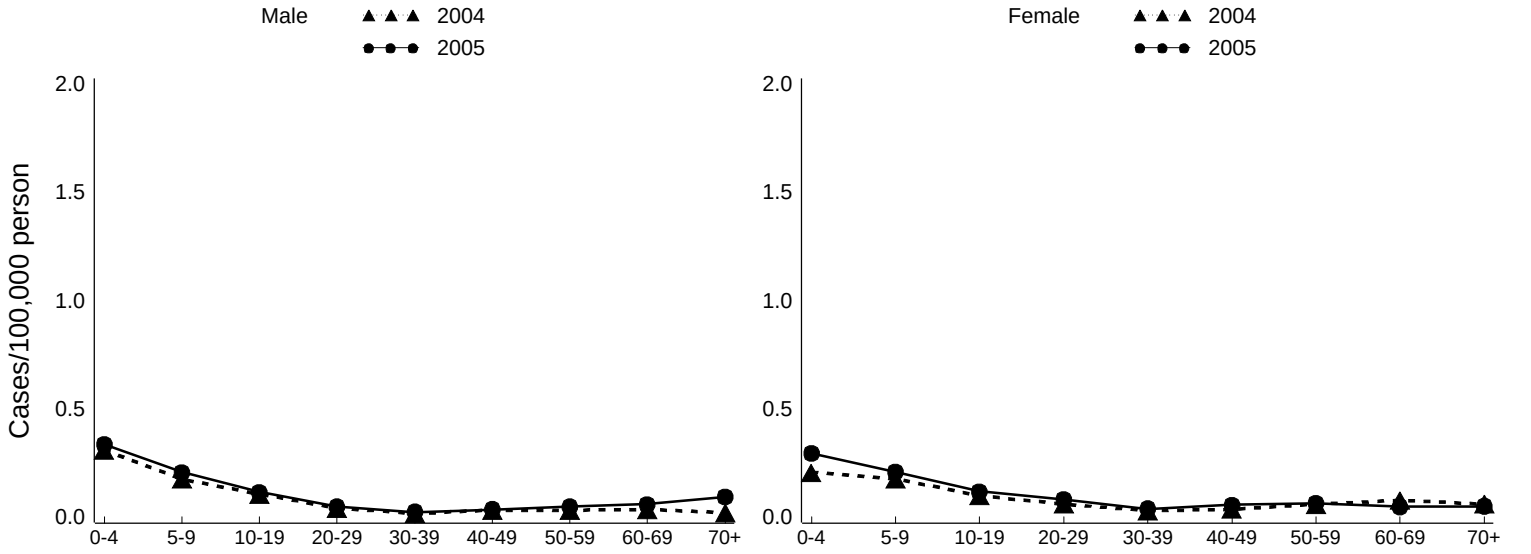



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 27 | 0.841 | 25 | 0.779 | 36 | 1.127 |
| CO | 25 | 0.978 | 21 | 0.822 | 38 | 1.579 |
| CT | 43 | 1.227 | 31 | 0.885 | 47 | 1.363 |
| GA | 35 | 0.396 | 23 | 0.260 | 35 | 0.415 |
| MD | 26 | 0.468 | 22 | 0.396 | 21 | 0.473 |
| MN | 120 | 2.352 | 110 | 2.156 | 168 | 3.353 |
| NM | 10 | 0.525 | 7 | 0.368 | 7 | 0.368 |
| NY | 73 | 1.692 | 54 | 1.251 | 53 | 1.827 |
| OR | 65 | 1.808 | 61 | 1.697 | 103 | 2.936 |
| TN | 0 | 0.000 | 48 | 0.813 | 35 | 0.946 |
| ALL | 424 | 1.099 | 402 | 0.904 | 544 | 1.448 |

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

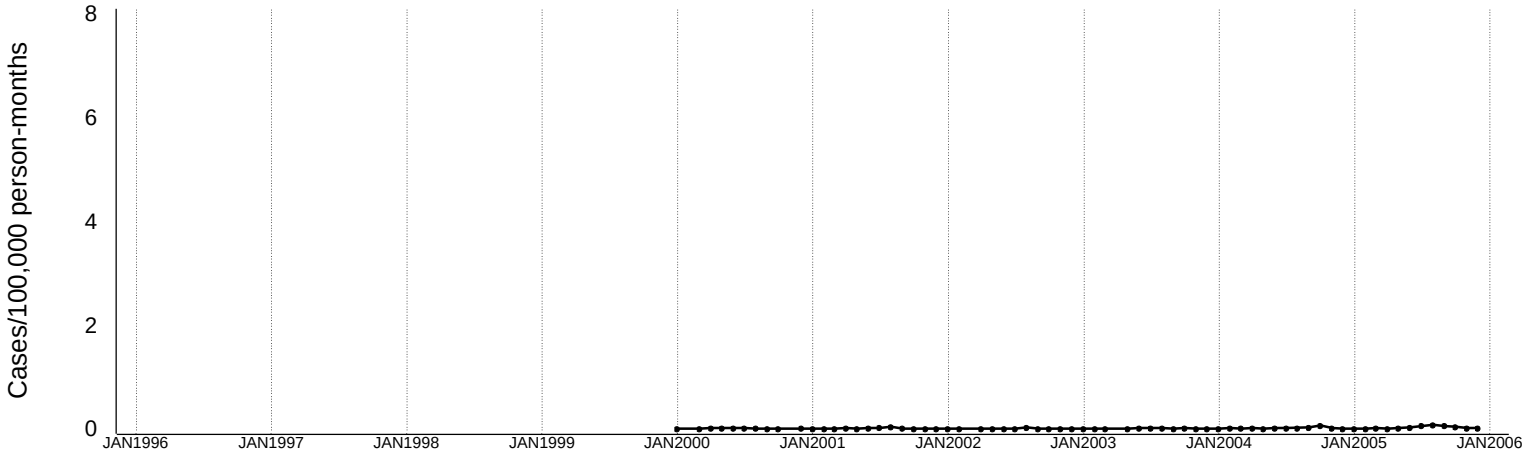
Calendar year through December: Rates for 2004 and 2005 by age group and sex



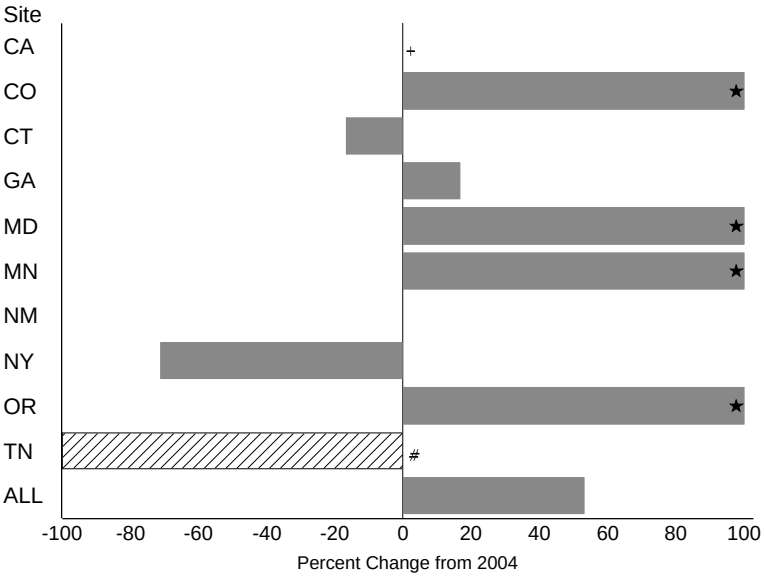

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# STEC Non-O157

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

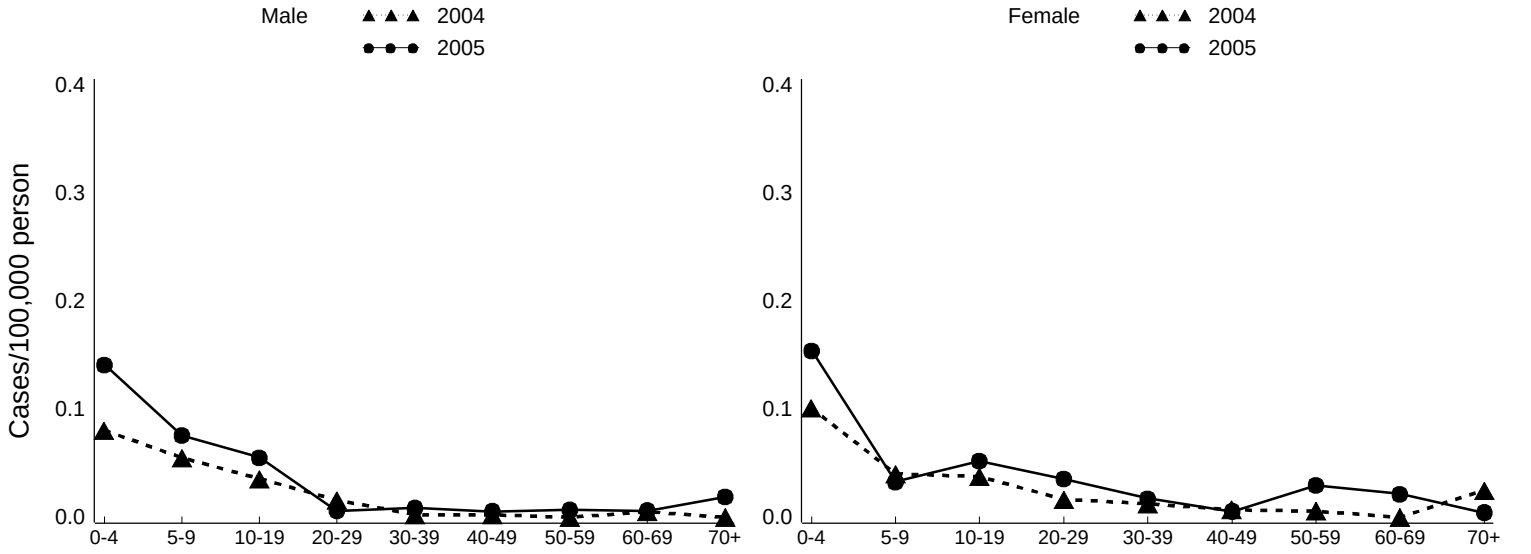



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 3 | 0.093 | 0 | 0.000 | 0 | 0.000 |
| CO | 4 | 0.157 | 1 | 0.039 | 2 | 0.076 |
| CT | 20 | 0.571 | 24 | 0.685 | 20 | 0.571 |
| GA | 7 | 0.079 | 6 | 0.068 | 3 | 0.039 |
| MD | 38 | 0.684 | 10 | 0.180 | 2 | 0.044 |
| MN | 44 | 0.863 | 16 | 0.314 | 17 | 0.339 |
| NM | 10 | 0.525 | 10 | 0.525 | 10 | 0.525 |
| NY | 11 | 0.255 | 38 | 0.881 | 8 | 0.181 |
| OR | 9 | 0.250 | 1 | 0.028 | 3 | 0.080 |
| TN | 0 | 0.000 | 4 | 0.068 | 1 | 0.027 |
| ALL | 146 | 0.379 | 110 | 0.247 | 66 | 0.149 |

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

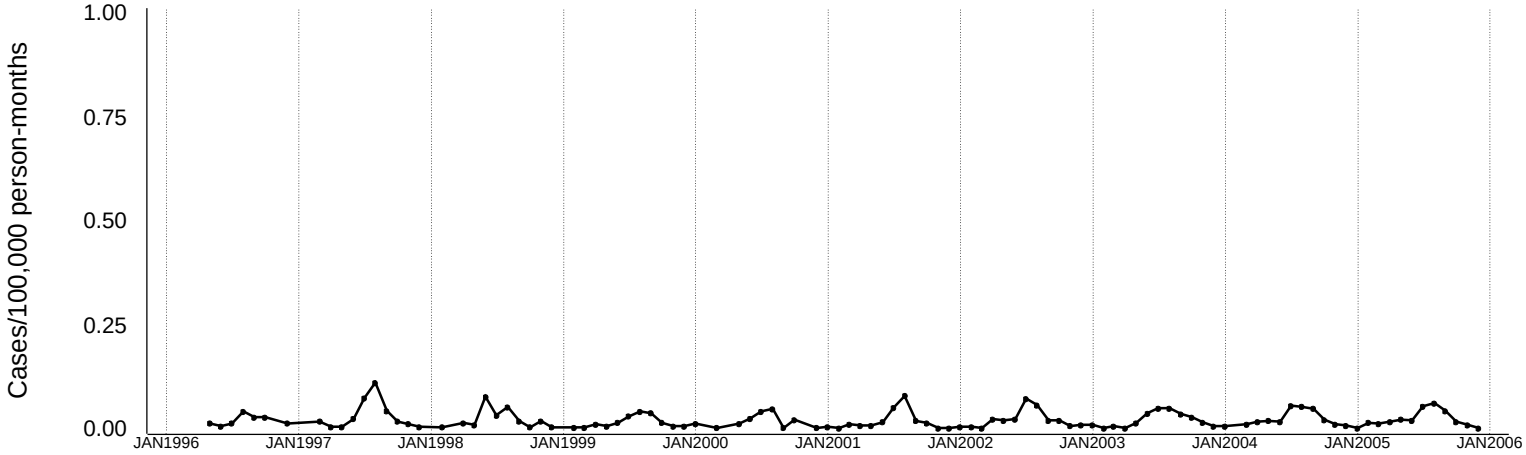
Calendar year through December: Rates for 2004 and 2005 by age group and sex



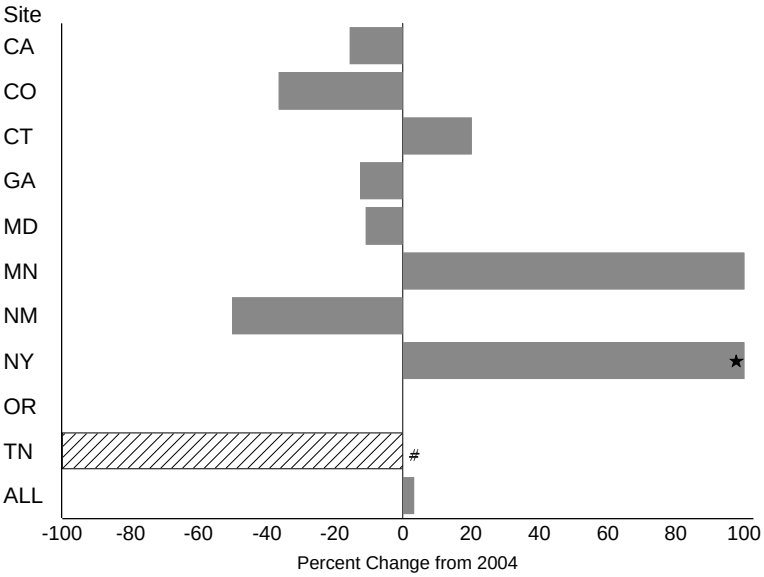

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Vibrio*, all species

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

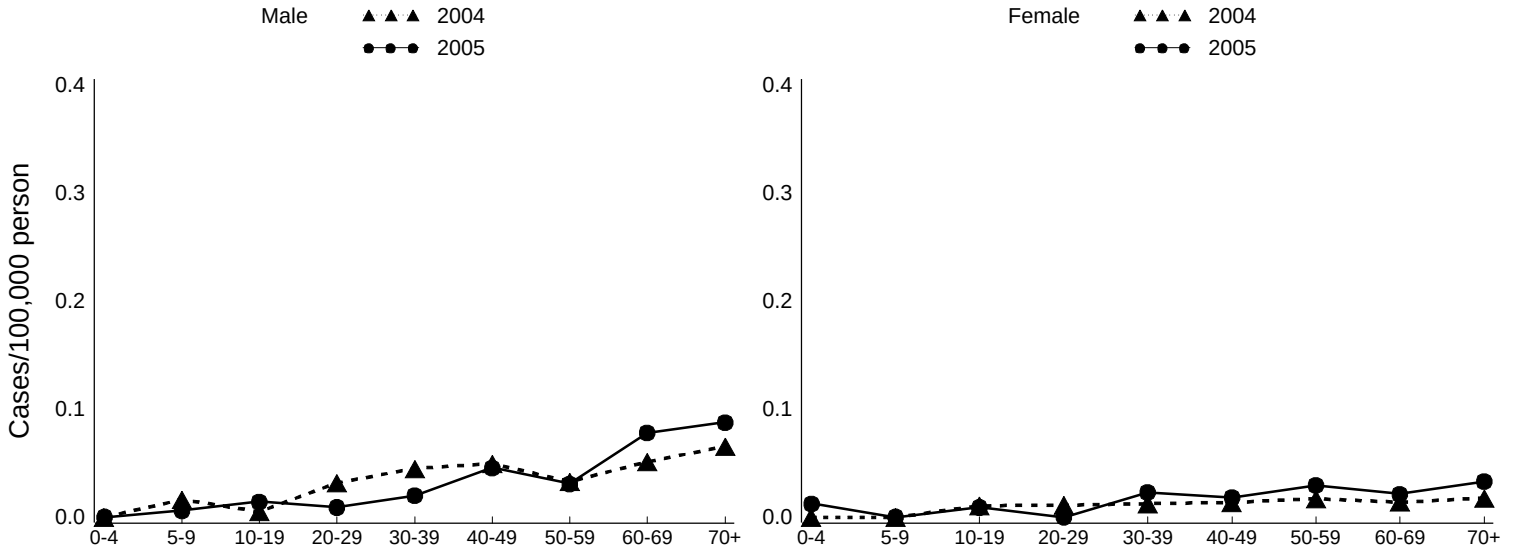



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 22 | 0.686 | 26 | 0.810 | 19 | 0.592 |
| CO | 7 | 0.274 | 11 | 0.430 | 5 | 0.205 |
| CT | 12 | 0.343 | 10 | 0.285 | 9 | 0.271 |
| GA | 21 | 0.238 | 24 | 0.272 | 22 | 0.258 |
| MD | 25 | 0.450 | 28 | 0.504 | 18 | 0.374 |
| MN | 6 | 0.118 | 3 | 0.059 | 4 | 0.072 |
| NM | 1 | 0.053 | 2 | 0.105 | 2 | 0.105 |
| NY | 7 | 0.162 | 1 | 0.023 | 3 | 0.083 |
| OR | 9 | 0.250 | 9 | 0.250 | 9 | 0.244 |
| TN | 0 | 0.000 | 9 | 0.153 | 6 | 0.135 |
| ALL | 110 | 0.285 | 123 | 0.277 | 97 | 0.243 |

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

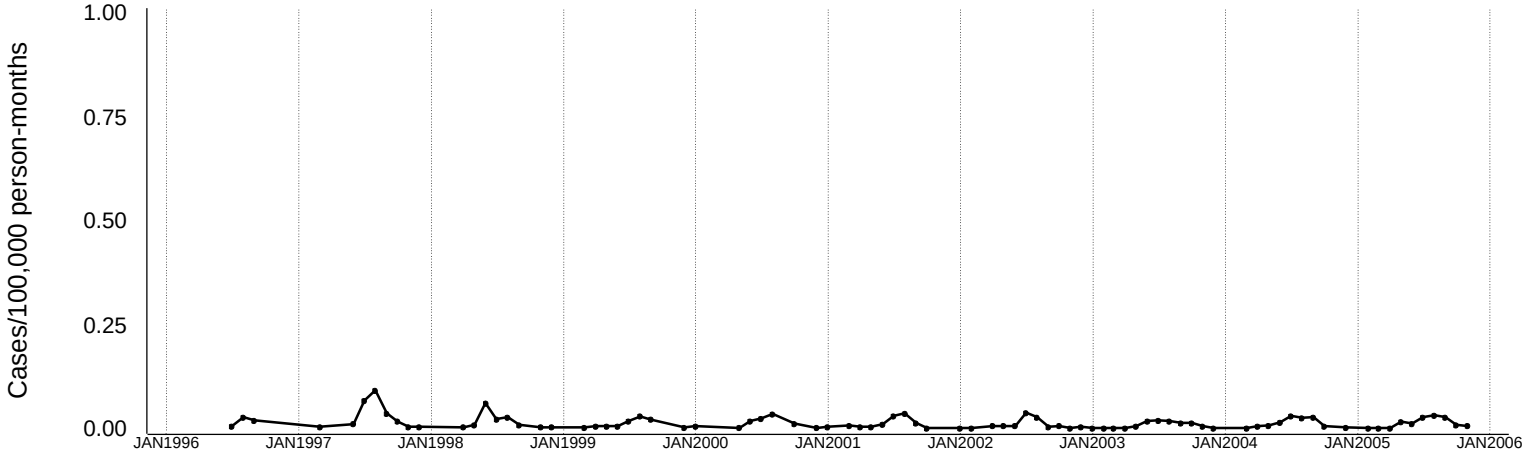
Calendar year through December: Rates for 2004 and 2005 by age group and sex



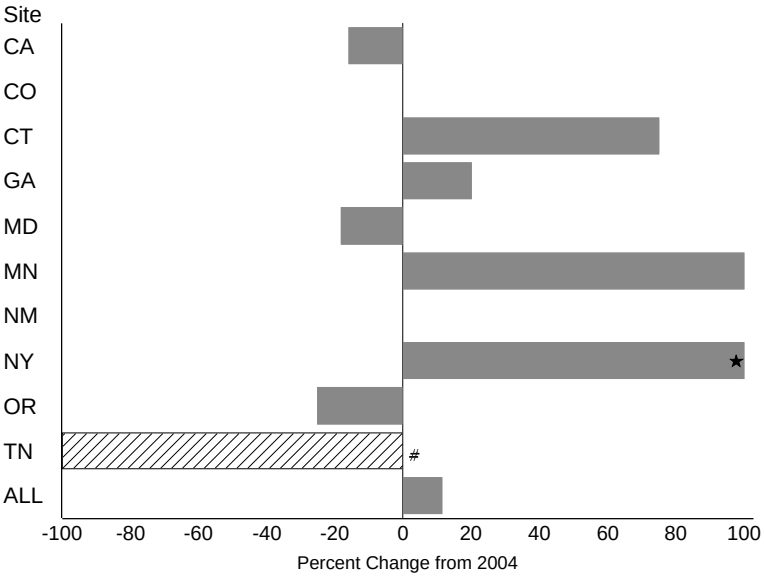

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Vibrio parahaemolyticus*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

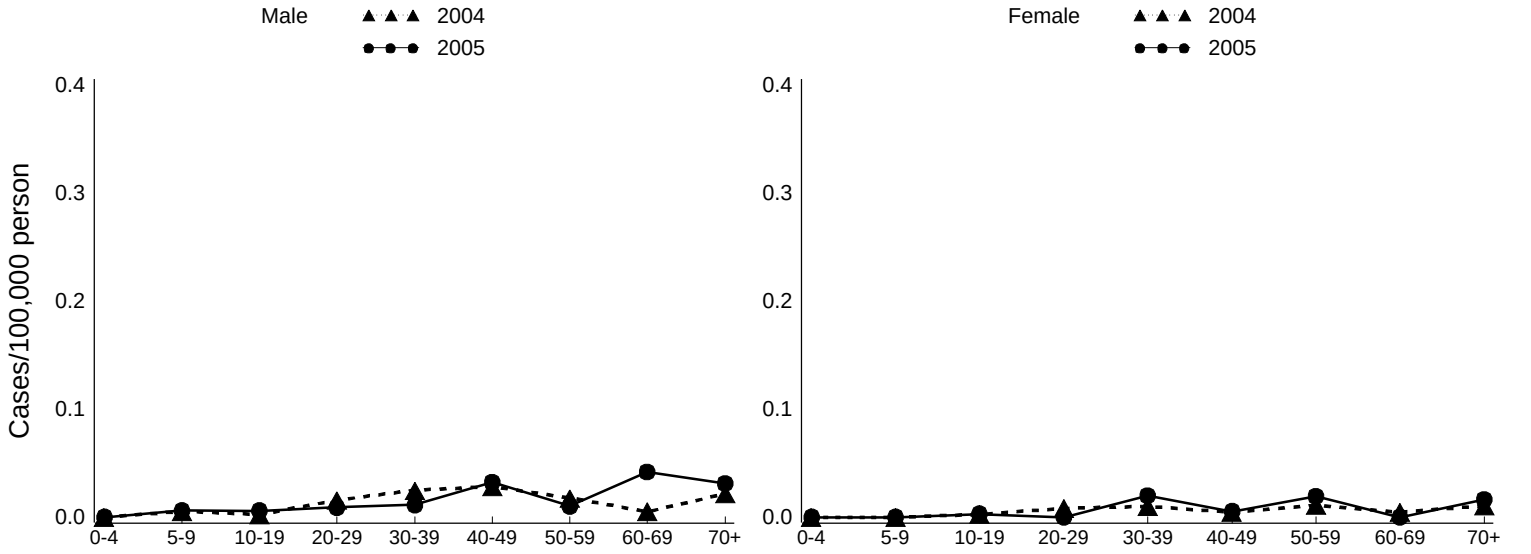



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 16 | 0.499 | 19 | 0.592 | 14 | 0.436 |
| CO | 7 | 0.274 | 7 | 0.274 | 3 | 0.125 |
| CT | 7 | 0.200 | 4 | 0.114 | 5 | 0.145 |
| GA | 6 | 0.068 | 5 | 0.057 | 5 | 0.058 |
| MD | 9 | 0.162 | 11 | 0.198 | 8 | 0.169 |
| MN | 2 | 0.039 | 1 | 0.020 | 2 | 0.032 |
| NM | 1 | 0.053 | 1 | 0.053 | 1 | 0.053 |
| NY | 3 | 0.070 | 1 | 0.023 | 1 | 0.027 |
| OR | 6 | 0.167 | 8 | 0.223 | 7 | 0.187 |
| TN | 0 | 0.000 | 2 | 0.034 | 2 | 0.034 |
| ALL | 57 | 0.148 | 59 | 0.133 | 47 | 0.119 |

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

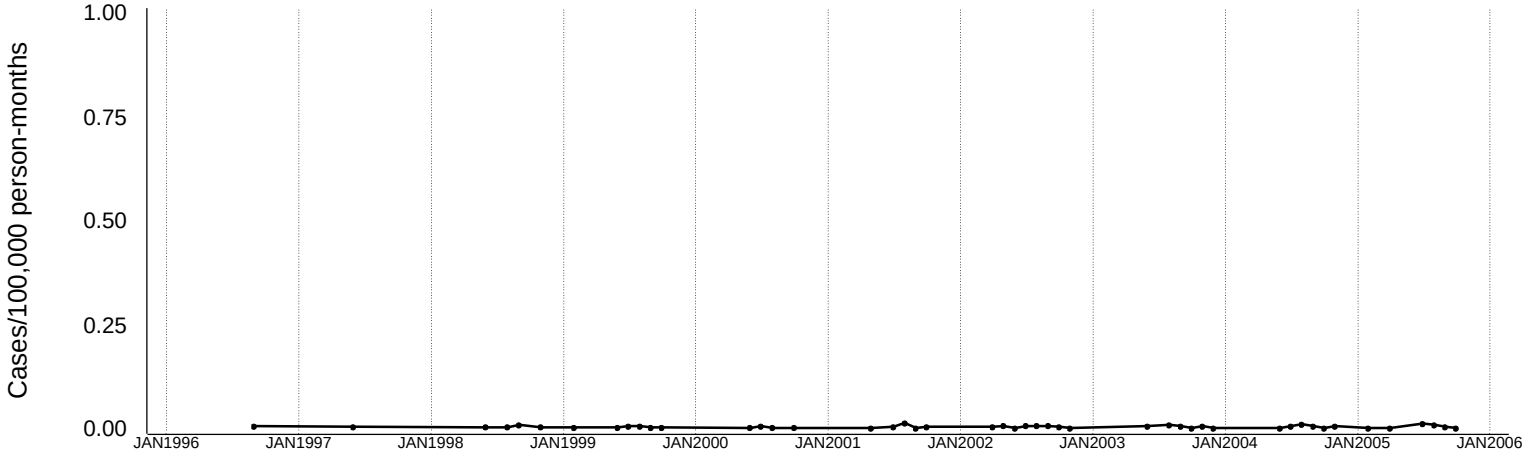
Calendar year through December: Rates for 2004 and 2005 by age group and sex



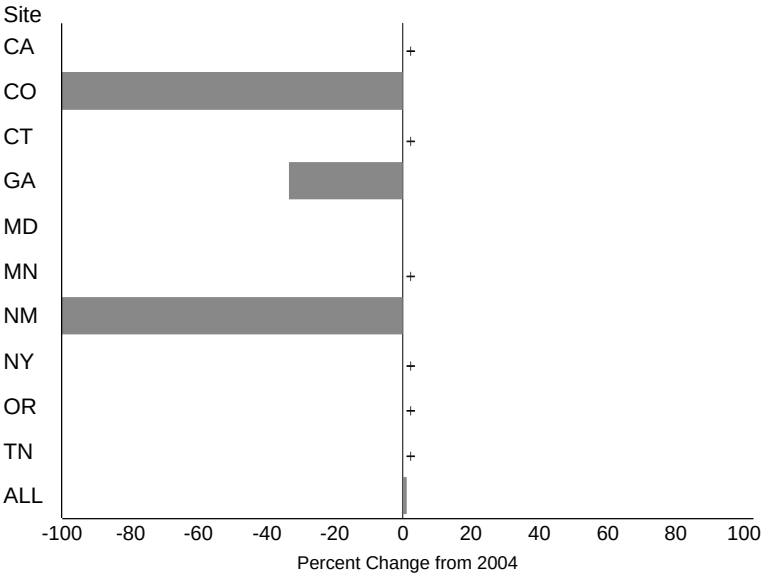

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Vibrio vulnificus*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

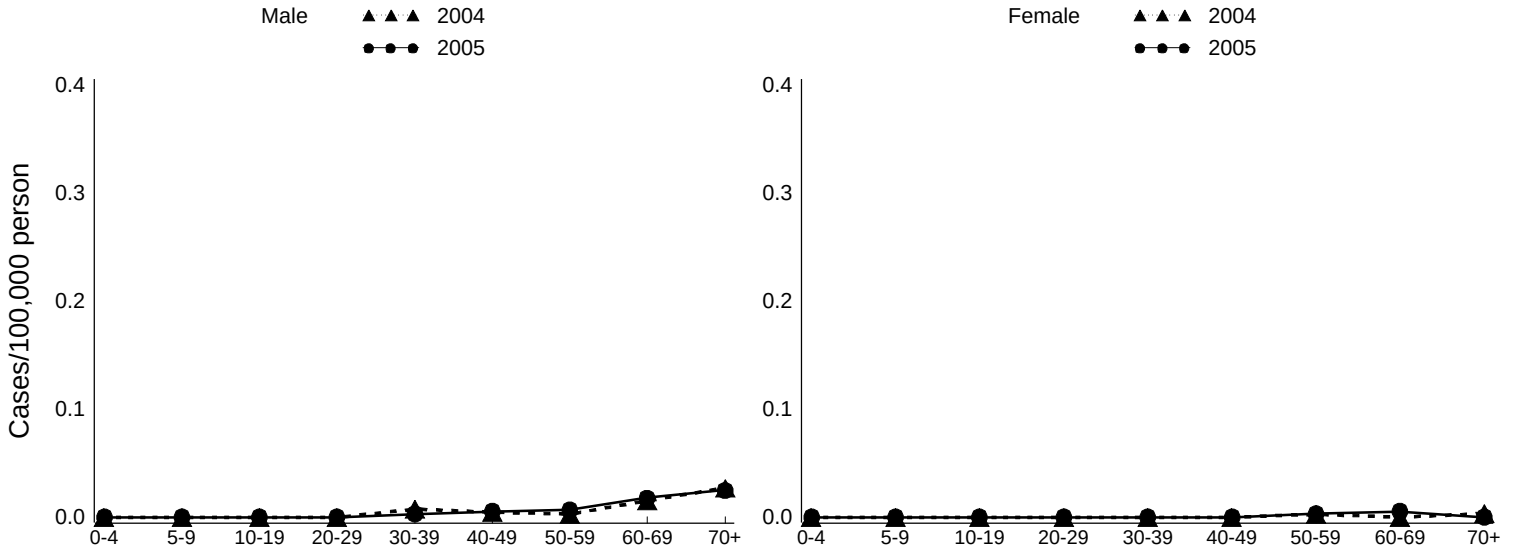



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 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 | 2 | 0.078 | 1 | 0.030 |
| CT | 0 | 0.000 | 0 | 0.000 | 0 | 0.006 |
| GA | 4 | 0.045 | 6 | 0.068 | 6 | 0.065 |
| MD | 7 | 0.126 | 7 | 0.126 | 4 | 0.079 |
| MN | 1 | 0.020 | 0 | 0.000 | 0 | 0.000 |
| NM | 0 | 0.000 | 1 | 0.053 | 1 | 0.053 |
| NY | 2 | 0.046 | 0 | 0.000 | 0 | 0.005 |
| OR | 0 | 0.000 | 0 | 0.000 | 0 | 0.006 |
| TN | 0 | 0.000 | 0 | 0.000 | 2 | 0.045 |
| ALL | 14 | 0.036 | 16 | 0.036 | 14 | 0.033 |

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

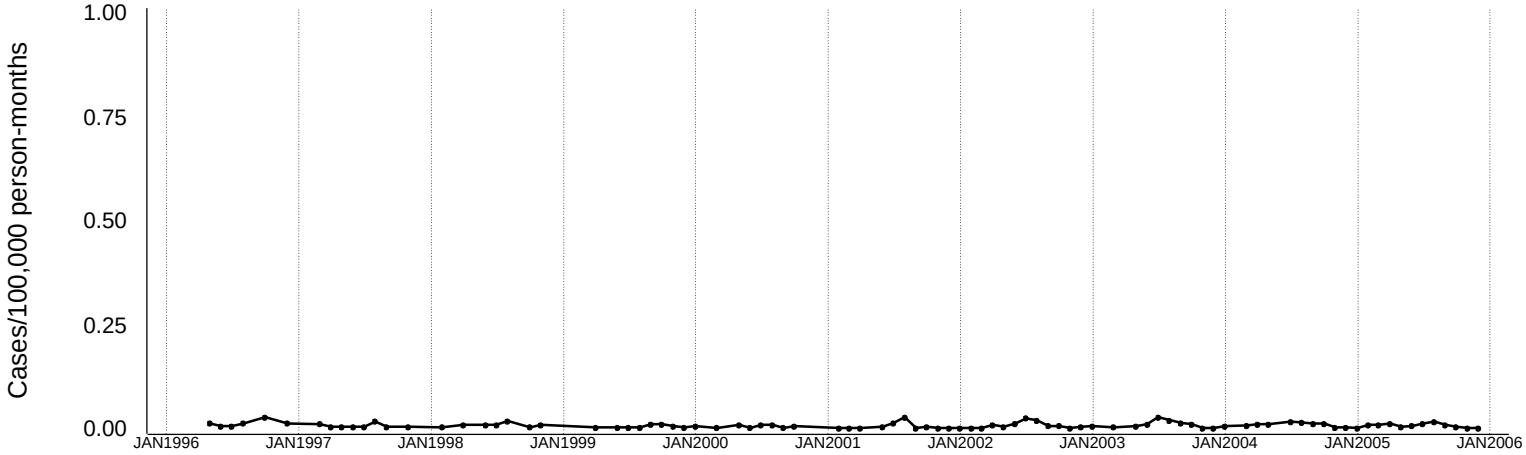
Calendar year through December: Rates for 2004 and 2005 by age group and sex



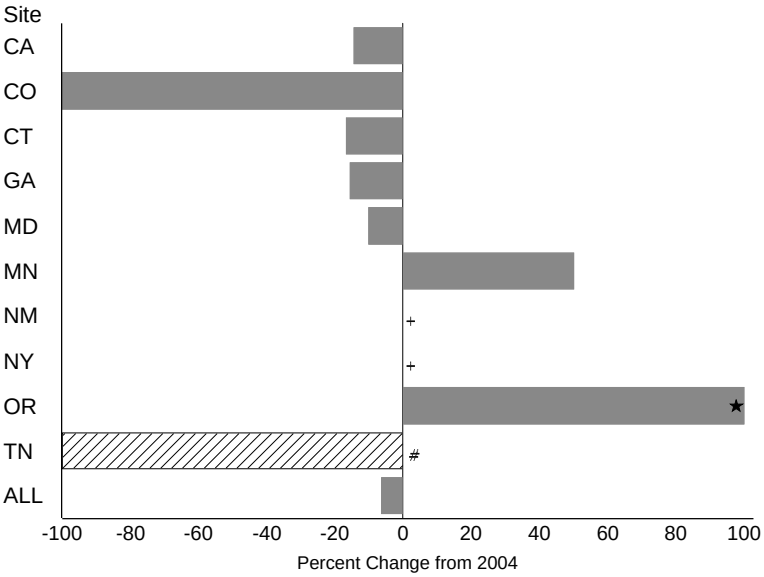

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Vibrio*, all others

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

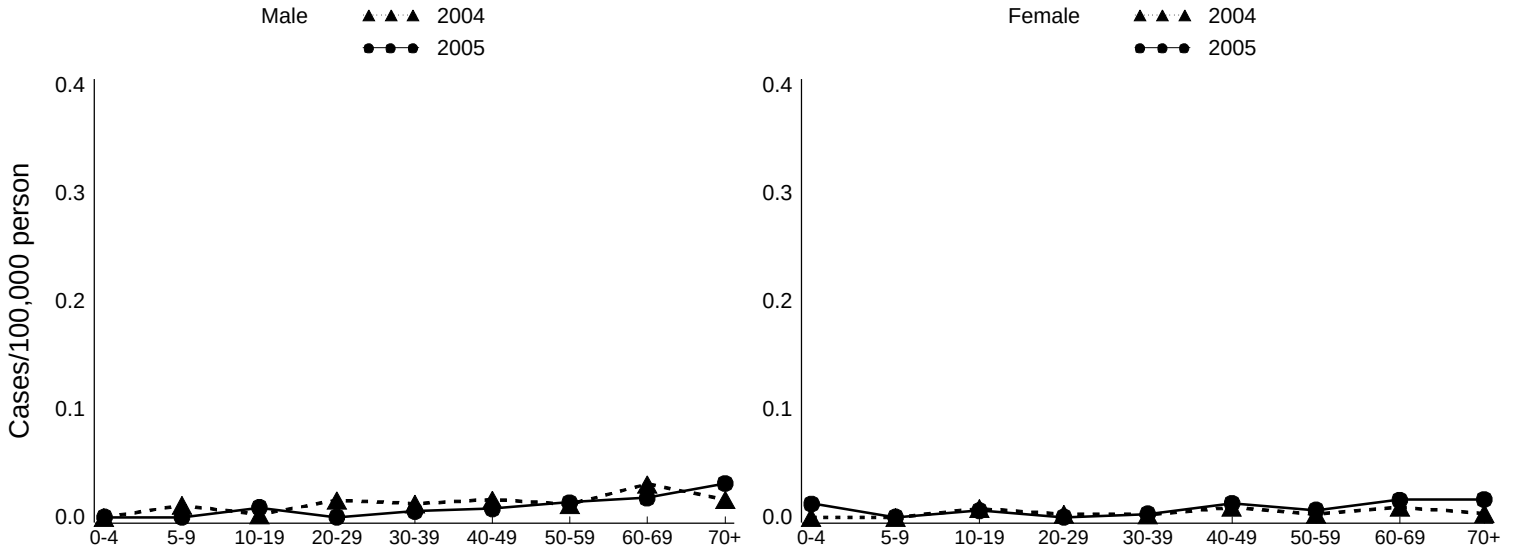



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| **Site** | **Cases** | **Rate^** | **Cases** | **Rate^** | **Cases** | **Rate^** |
| CA | 6 | 0.187 | 7 | 0.218 | 5 | 0.143 |
| CO | 0 | 0.000 | 2 | 0.078 | 1 | 0.051 |
| CT | 5 | 0.143 | 6 | 0.171 | 4 | 0.121 |
| GA | 11 | 0.125 | 13 | 0.147 | 12 | 0.135 |
| MD | 9 | 0.162 | 10 | 0.180 | 6 | 0.126 |
| MN | 3 | 0.059 | 2 | 0.039 | 2 | 0.040 |
| NM | 0 | 0.000 | 0 | 0.000 | 0 | 0.000 |
| NY | 2 | 0.046 | 0 | 0.000 | 2 | 0.051 |
| OR | 3 | 0.083 | 1 | 0.028 | 2 | 0.051 |
| TN | 0 | 0.000 | 7 | 0.119 | 3 | 0.055 |
| ALL | 39 | 0.101 | 48 | 0.108 | 36 | 0.090 |

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

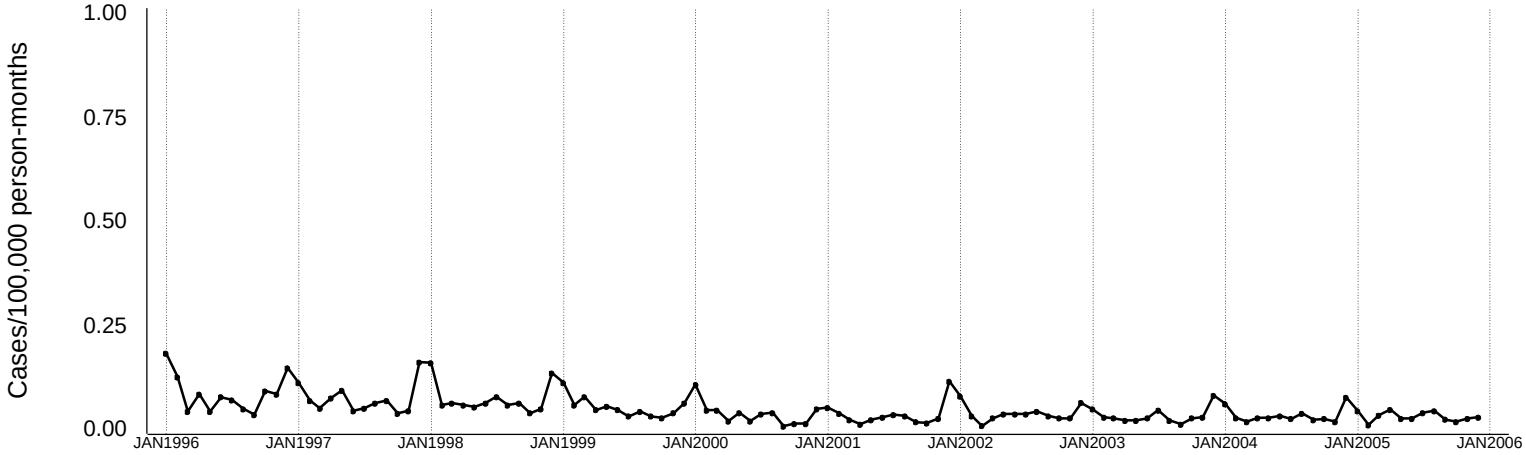
Calendar year through December: Rates for 2004 and 2005 by age group and sex



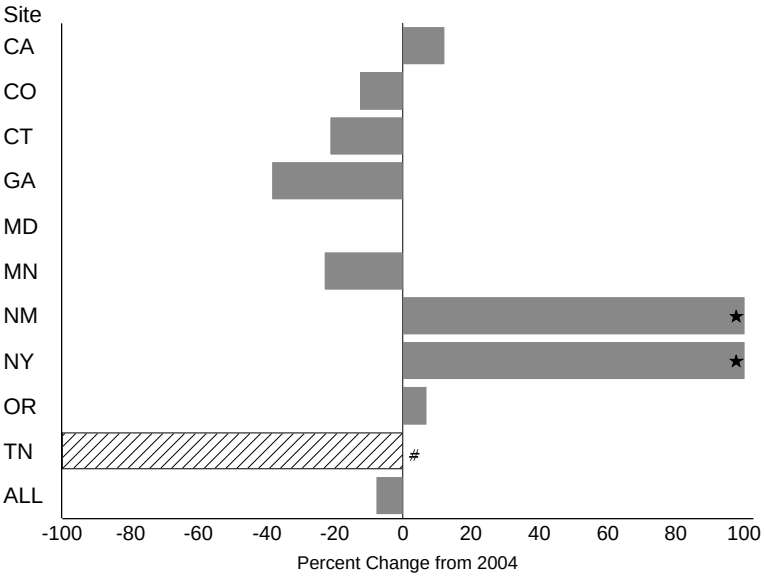

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Yersinia*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

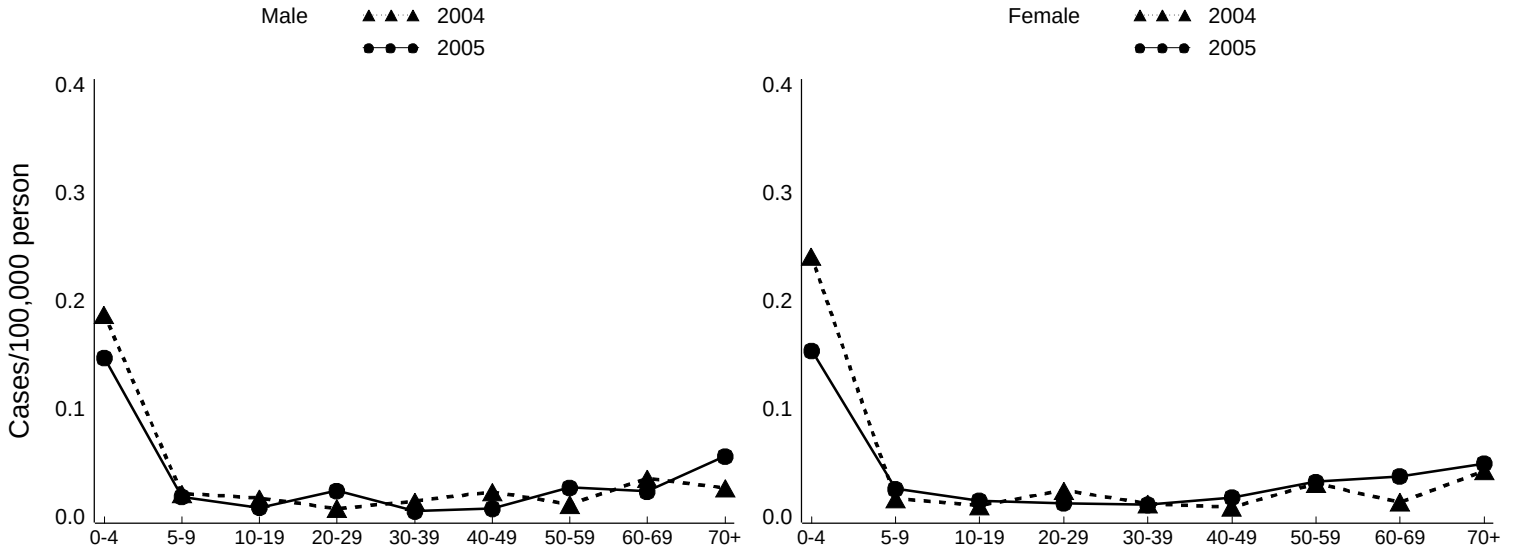



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 28 | 0.873 | 25 | 0.779 | 21 | 0.661 |
| CO | 7 | 0.274 | 8 | 0.313 | 6 | 0.262 |
| CT | 15 | 0.428 | 19 | 0.542 | 15 | 0.421 |
| GA | 26 | 0.294 | 42 | 0.476 | 47 | 0.546 |
| MD | 8 | 0.144 | 8 | 0.144 | 11 | 0.255 |
| MN | 17 | 0.333 | 22 | 0.431 | 16 | 0.326 |
| NM | 3 | 0.158 | 1 | 0.053 | 1 | 0.053 |
| NY | 21 | 0.487 | 10 | 0.232 | 12 | 0.380 |
| OR | 16 | 0.445 | 15 | 0.417 | 11 | 0.324 |
| TN | 0 | 0.000 | 26 | 0.441 | 18 | 0.440 |
| ALL | 141 | 0.366 | 176 | 0.396 | 159 | 0.415 |

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

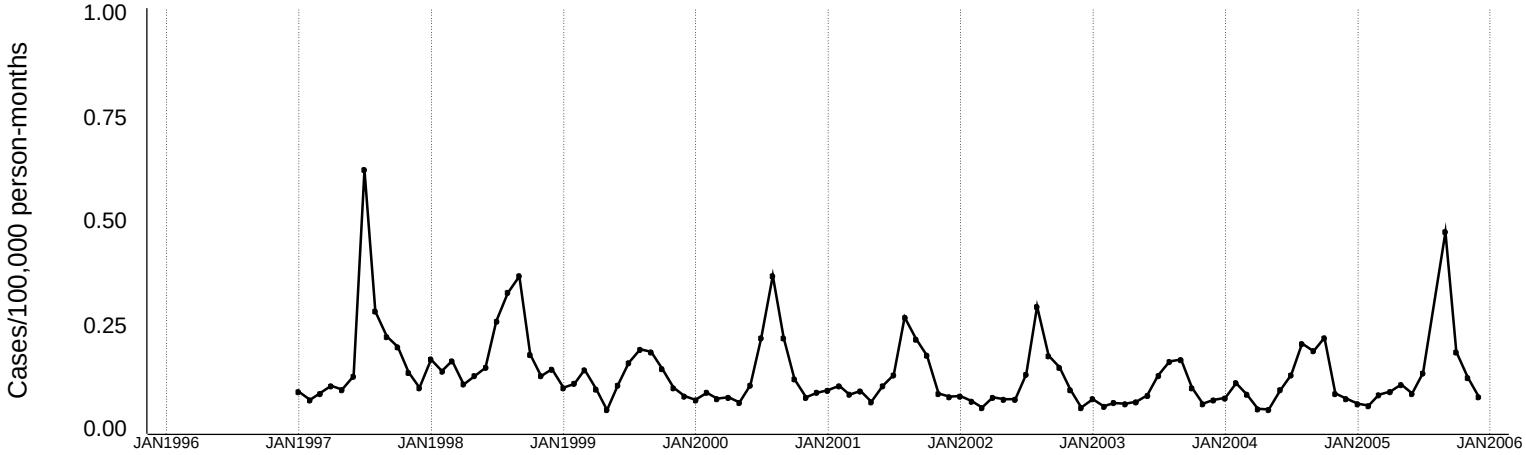
Calendar year through December: Rates for 2004 and 2005 by age group and sex



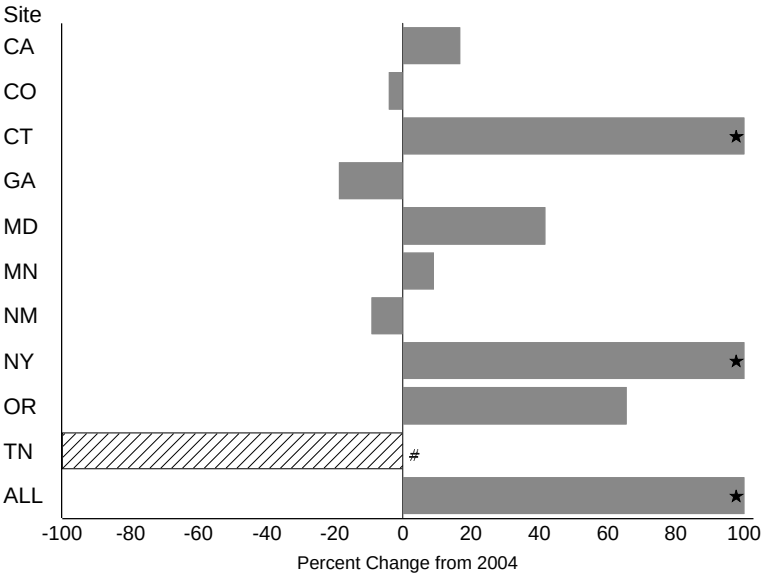

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Cryptosporidium*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

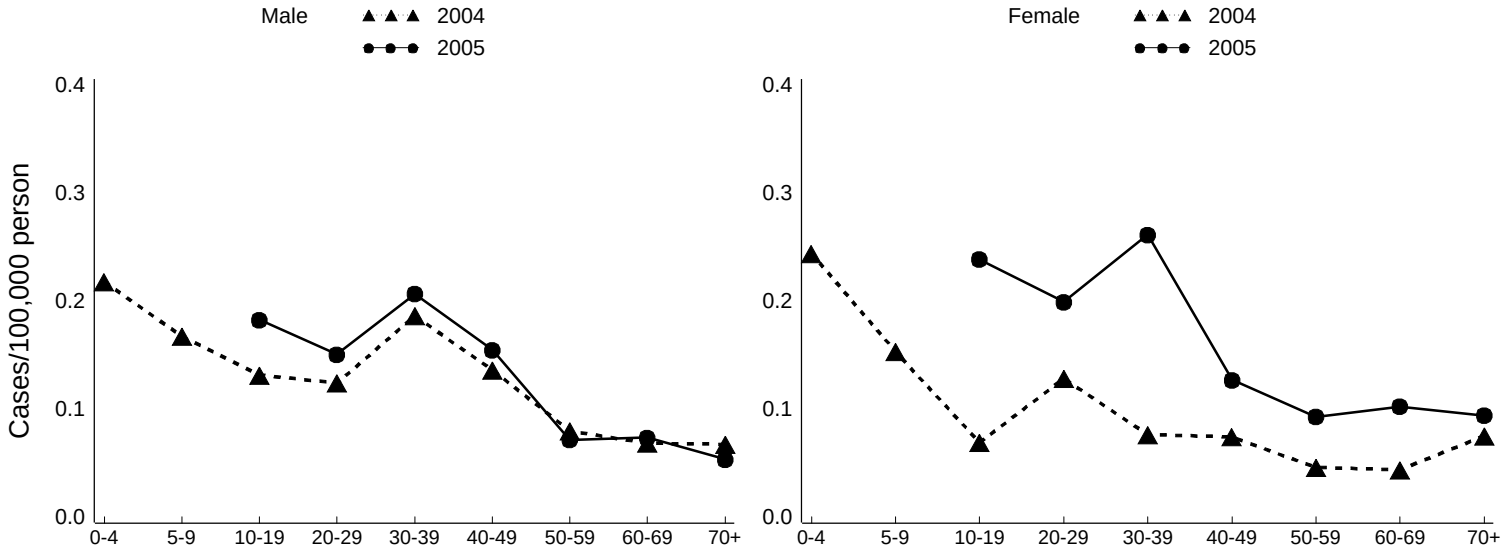



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 42 | 0.751 | 36 | 0.644 | 50 | 0.814 |
| CO | 24 | 0.939 | 25 | 0.978 | 18 | 0.715 |
| CT | 80 | 2.283 | 31 | 0.885 | 23 | 0.671 |
| GA | 139 | 1.574 | 171 | 1.937 | 149 | 1.750 |
| MD | 34 | 0.612 | 24 | 0.432 | 20 | 0.421 |
| MN | 160 | 3.137 | 147 | 2.882 | 181 | 3.607 |
| NM | 20 | 1.051 | 22 | 1.156 | 22 | 1.156 |
| NY | 706 | 16.36 | 97 | 2.248 | 45 | 1.309 |
| OR | 48 | 1.335 | 29 | 0.807 | 36 | 1.013 |
| TN | 0 | 0.000 | 55 | 0.932 | 30 | 0.702 |
| ALL | 1253 | 3.060 | 637 | 1.360 | 573 | 1.366 |

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

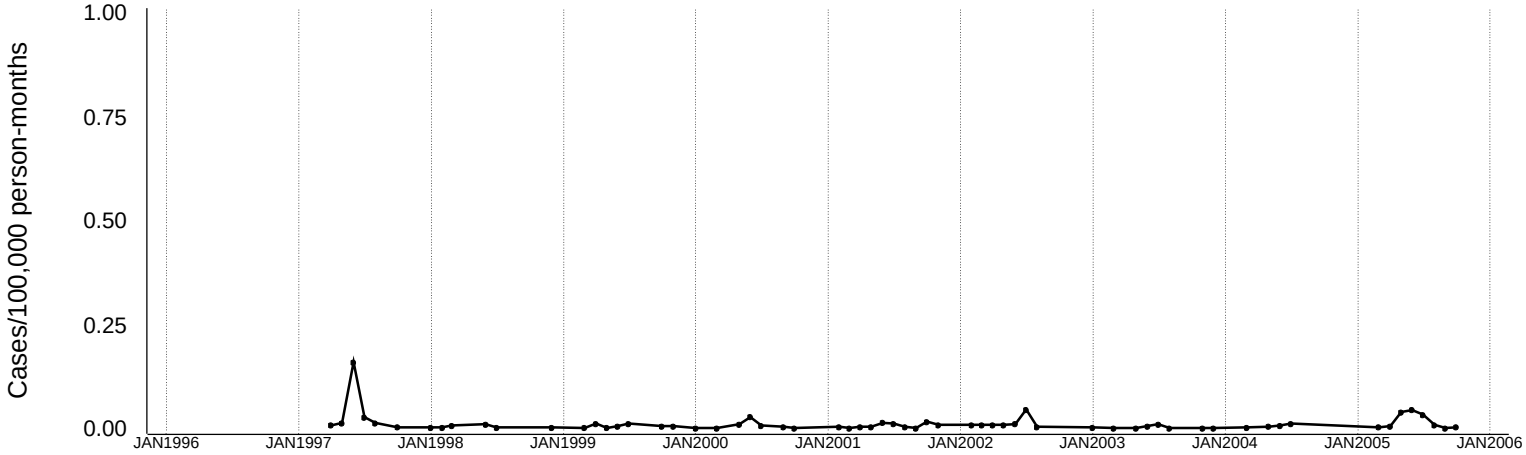
Calendar year through December: Rates for 2004 and 2005 by age group and sex



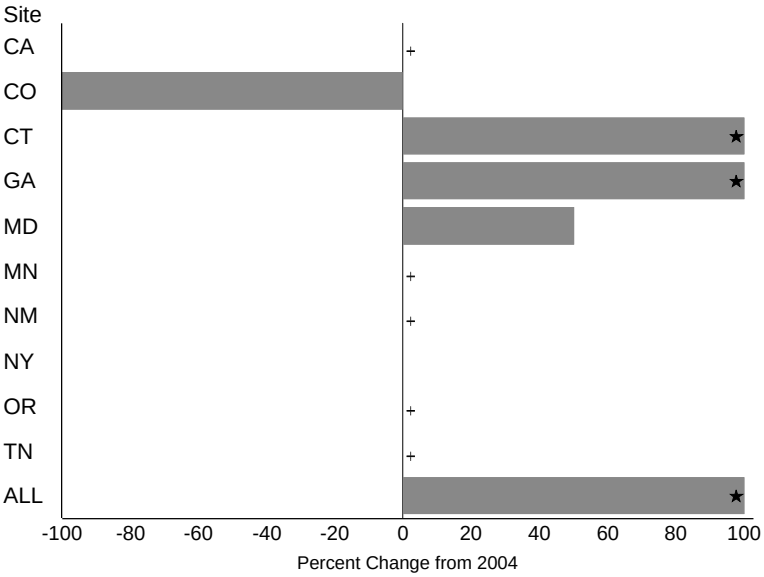

Data source: Preliminary FoodNet data, subject to change, not for public distribution.
Note: 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction. Report date: 27-January-2006

# *Cyclospora*

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




Calendar year through December: Percent change in rates between 2004 and 2005 bv site

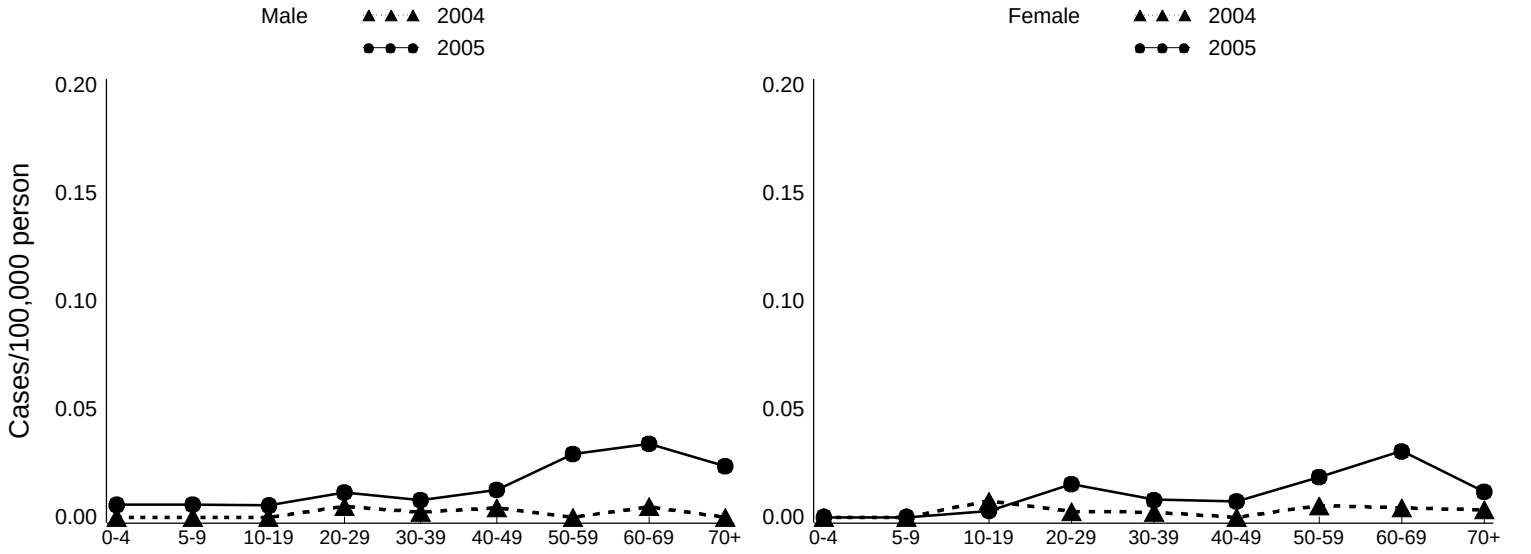



* Change exceeds 100%, +Percent increase cannot be calculated because 2004 rate is 0
# 2005 TN data entered but not available at CDC because of NEDSS PAM malfunction.

| | 2005 | | 2004 | | 5 year mean* | |
|---|---|---|---|---|---|---|
| Site | Cases | Rate^ | Cases | Rate^ | Cases | Rate^ |
| CA | 2 | 0.036 | 0 | 0.000 | 2 | 0.029 |
| CO | 0 | 0.000 | 3 | 0.117 | 1 | 0.029 |
| CT | 35 | 0.999 | 7 | 0.200 | 5 | 0.138 |
| GA | 13 | 0.147 | 2 | 0.023 | 15 | 0.173 |
| MD | 3 | 0.054 | 2 | 0.036 | 1 | 0.022 |
| MN | 0 | 0.000 | 0 | 0.000 | 0 | 0.000 |
| NM | 4 | 0.210 | 0 | 0.000 | 0 | 0.000 |
| NY | 1 | 0.023 | 1 | 0.023 | 2 | 0.061 |
| OR | 4 | 0.111 | 0 | 0.000 | 0 | 0.000 |
| TN | 0 | 0.000 | 0 | 0.000 | 0 | 0.007 |
| ALL | 62 | 0.151 | 15 | 0.032 | 25 | 0.064 |

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

Calendar year through December: 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: 27-January-2006

| YEAR | ISOLATE | CA | | | CO | | | CT | | | GA | | | MD | | | MN | | | NM | | | NY | | | OR | | | TN | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS | FoodNet Cases Linked to NARMS | Isolates Submitted to NARMS | % FoodNet Cases Linked to NARMS |
| 2005 | CAMPYLOBACTER | 48 | 66 | 73 | 21 | 29 | 72 | 23 | 26 | 88 | 52 | 70 | 74 | 0 | 0 | | 99 | 103 | 96 | 20 | 27 | 74 | 43 | 48 | 90 | 45 | 77 | 58 | 0 | 20 | 0 |
| | E. COLI O157 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 11 | 18 | 61 | 8 | 28 | 29 | 1 | 1 | 100 | 1 | 1 | 100 | 2 | 4 | 50 | 0 | 2 | 0 | 0 | 0 | |
| | SALMONELLA | 9 | 9 | 100 | 2 | 5 | 40 | 12 | 15 | 80 | 46 | 63 | 73 | 11 | 11 | 100 | 12 | 14 | 86 | 4 | 5 | 80 | 8 | 65 | 12 | 11 | 11 | 100 | 0 | 12 | 0 |
| | SHIGELLA | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 100 | 10 | 12 | 83 | 2 | 3 | 67 | 2 | 2 | 100 | 3 | 3 | 100 | 1 | 15 | 7 | 1 | 3 | 33 | 0 | 19 | 0 |
| | TYPHI | 6 | 8 | 75 | 0 | 0 | 0 | 3 | 4 | 75 | 0 | 2 | 0 | 6 | 6 | 100 | 3 | 3 | 100 | 1 | 1 | 100 | 0 | 21 | 0 | 1 | 2 | 50 | 0 | 1 | 0 |
| 2004 | CAMPYLOBACTER | 46 | 56 | 82 | 27 | 40 | 68 | 51 | 52 | 98 | 46 | 50 | 92 | 22 | 26 | 85 | 60 | 61 | 98 | 15 | 22 | 68 | 46 | 46 | 100 | 14 | 47 | 30 | 29 | 38 | 76 |
| | E. COLI O157 | 0 | 0 | 0 | 1 | 2 | 50 | 5 | 5 | 100 | 17 | 21 | 81 | 3 | 136 | 2 | 5 | 5 | 100 | 0 | 1 | 0 | 4 | 4 | 100 | 0 | 3 | 0 | 1 | 2 | 50 |
| | SALMONELLA | 12 | 14 | 86 | 15 | 25 | 60 | 26 | 26 | 100 | 89 | 112 | 79 | 37 | 45 | 82 | 31 | 34 | 91 | 15 | 19 | 79 | 17 | 22 | 77 | 16 | 19 | 84 | 27 | 38 | 71 |
| | SHIGELLA | 0 | 0 | | 5 | 6 | 83 | 3 | 4 | 75 | 20 | 24 | 83 | 6 | 8 | 75 | 2 | 2 | 100 | 8 | 10 | 80 | 11 | 12 | 92 | 4 | 4 | 100 | 28 | 30 | 93 |
| | TYPHI | 9 | 14 | 64 | 1 | 3 | 33 | 7 | 9 | 78 | 1 | 3 | 33 | 8 | 23 | 35 | 6 | 6 | 100 | 0 | 0 | | 2 | 3 | 67 | 1 | 1 | 100 | 5 | 8 | 63 |
| 2003 | CAMPYLOBACTER | 20 | 49 | 41 | 16 | 31 | 52 | 48 | 51 | 94 | 41 | 50 | 82 | 32 | 35 | 91 | 59 | 60 | 98 | | | | 43 | 46 | 93 | 0 | 31 | 0 | 33 | 40 | 83 |
| | E. COLI O157 | 1 | 4 | 25 | 1 | 1 | 100 | 2 | 3 | 67 | 12 | 17 | 71 | 3 | 4 | 75 | 5 | 6 | 83 | | | | 2 | 4 | 50 | 0 | 5 | 0 | 2 | 3 | 67 |
| | SALMONELLA | 14 | 29 | 48 | 9 | 24 | 38 | 21 | 25 | 84 | 90 | 113 | 80 | 39 | 57 | 68 | 27 | 29 | 93 | | | | 11 | 30 | 37 | 18 | 19 | 95 | 37 | 50 | 74 |
| | SHIGELLA | 0 | 1 | 0 | 8 | 10 | 80 | 5 | 5 | 100 | 36 | 43 | 84 | 25 | 27 | 93 | 5 | 5 | 100 | | | | 15 | 16 | 94 | 5 | 6 | 83 | 22 | 28 | 79 |
| | TYPHI | 14 | 26 | 54 | 3 | 4 | 75 | 7 | 17 | 41 | 6 | 7 | 86 | 7 | 12 | 58 | 2 | 2 | 100 | | | | 1 | 6 | 17 | 4 | 4 | 100 | 3 | 4 | 75 |
| 2002 | CAMPYLOBACTER | 42 | 52 | 81 | 19 | 30 | 63 | 30 | 30 | 100 | 20 | 45 | 44 | 24 | 28 | 86 | 38 | 53 | 72 | | | | 36 | 42 | 86 | 0 | 38 | 0 | 16 | 22 | 73 |
| | E. COLI O157 | 8 | 8 | 100 | 9 | 20 | 45 | 11 | 11 | 100 | 33 | 48 | 69 | 6 | 8 | 75 | 29 | 29 | 100 | | | | 12 | 15 | 80 | 0 | 37 | 0 | 3 | 3 | 100 |
| | SALMONELLA | 39 | 48 | 81 | 25 | 59 | 42 | 40 | 49 | 82 | 167 | 210 | 80 | 94 | 115 | 82 | 52 | 57 | 91 | | | | 39 | 54 | 72 | 32 | 35 | 91 | 29 | 44 | 66 |
| | SHIGELLA | 9 | 10 | 90 | 9 | 17 | 53 | 11 | 12 | 92 | 86 | 109 | 79 | 80 | 105 | 76 | 21 | 21 | 100 | | | | 7 | 14 | 50 | 8 | 8 | 100 | 14 | 14 | 100 |
| | TYPHI | 8 | 17 | 47 | 1 | 3 | 33 | 8 | 11 | 73 | 4 | 5 | 80 | 8 | 12 | 67 | 4 | 4 | 100 | | | | 2 | 3 | 67 | 0 | 0 | 0 | 1 | 1 | 100 |
| 2001 | CAMPYLOBACTER | 21 | 50 | 42 | 12 | 43 | 28 | 41 | 45 | 91 | 6 | 53 | 11 | 1 | 38 | 3 | 46 | 49 | 94 | | | | 18 | 36 | 50 | 0 | 28 | 0 | 14 | 18 | 78 |
| | E. COLI O157 | 7 | 8 | 88 | 9 | 25 | 36 | 12 | 13 | 92 | 20 | 27 | 74 | 0 | 13 | 0 | 33 | 34 | 97 | | | | 10 | 11 | 91 | 0 | 13 | 0 | 4 | 9 | 44 |
| | SALMONELLA | 33 | 54 | 61 | 23 | 63 | 37 | 45 | 51 | 88 | 140 | 187 | 75 | 11 | 95 | 12 | 62 | 63 | 98 | | | | 30 | 43 | 70 | 26 | 26 | 100 | 39 | 62 | 63 |
| | SHIGELLA | 11 | 20 | 55 | 0 | 28 | 0 | 6 | 6 | 100 | 32 | 42 | 76 | 0 | 14 | 0 | 42 | 45 | 93 | | | | 7 | 8 | 88 | 7 | 10 | 70 | 9 | 10 | 90 |
| | TYPHI | 11 | 21 | 52 | 0 | 1 | 0 | 5 | 7 | 71 | 6 | 10 | 60 | 1 | 13 | 8 | 7 | 7 | 100 | | | | 3 | 5 | 60 | 9 | 9 | 100 | 0 | 1 | 0 |
| 2000 | CAMPYLOBACTER | 28 | 45 | 62 | | | | 43 | 45 | 96 | 0 | 51 | 0 | 0 | 2 | 0 | 49 | 51 | 96 | | | | 39 | 41 | 95 | 0 | 25 | 0 | 12 | 22 | 55 |
| | E. COLI O157 | 9 | 10 | 90 | | | | 21 | 25 | 84 | 24 | 37 | 65 | 0 | 9 | 0 | 44 | 46 | 96 | | | | 13 | 17 | 76 | 0 | 24 | 0 | 1 | 5 | 20 |
| | SALMONELLA | 37 | 56 | 66 | | | | 41 | 47 | 87 | 94 | 188 | 50 | 0 | 56 | 0 | 51 | 59 | 86 | | | | 24 | 40 | 60 | 29 | 34 | 85 | 26 | 40 | 65 |
| | SHIGELLA | 2 | 9 | 22 | | | | 5 | 7 | 71 | 20 | 24 | 83 | 0 | 10 | 0 | 81 | 85 | 95 | | | | 2 | 6 | 33 | 9 | 9 | 100 | 16 | 21 | 76 |
| | TYPHI | 9 | 13 | 69 | | | | 7 | 10 | 70 | 6 | 10 | 60 | 0 | 4 | 0 | 2 | 3 | 67 | | | | 2 | 5 | 40 | 4 | 5 | 80 | 2 | 2 | 100 |
| 1999 | CAMPYLOBACTER | 0 | 48 | 0 | | | | 50 | 53 | 94 | 0 | 52 | 0 | 0 | 22 | 0 | 39 | 42 | 93 | | | | 43 | 49 | 88 | 0 | 34 | 0 | | | |
| | E. COLI O157 | 4 | 6 | 67 | | | | 17 | 20 | 85 | 7 | 14 | 50 | 0 | 5 | 0 | 29 | 32 | 91 | | | | 19 | 25 | 76 | 0 | 12 | 0 | | | |
| | SALMONELLA | 35 | 54 | 65 | | | | 55 | 62 | 89 | 32 | 130 | 25 | 0 | 47 | 0 | 50 | 62 | 81 | | | | 30 | 54 | 56 | 42 | 44 | 95 | | | |
| | SHIGELLA | 0 | 6 | 0 | | | | 5 | 7 | 71 | 11 | 19 | 58 | 0 | 2 | 0 | 13 | 19 | 68 | | | | 5 | 12 | 42 | 8 | 9 | 89 | | | |
| | TYPHI | 3 | 11 | 27 | | | | 7 | 8 | 88 | 3 | 3 | 100 | 0 | 2 | 0 | 4 | 4 | 100 | | | | 3 | 6 | 50 | 4 | 7 | 57 | | | |
| 1998 | CAMPYLOBACTER | 0 | 46 | 0 | | | | 45 | 49 | 92 | 0 | 51 | 0 | 0 | 26 | 0 | 53 | 53 | 100 | | | | 10 | 32 | 31 | 0 | 51 | 0 | | | |
| | E. COLI O157 | 6 | 6 | 100 | | | | 10 | 13 | 77 | 16 | 31 | 52 | 0 | 7 | 0 | 29 | 55 | 53 | | | | 1 | 8 | 13 | 0 | 22 | 0 | | | |
| | SALMONELLA | 30 | 49 | 61 | | | | 46 | 60 | 77 | 19 | 64 | 30 | 0 | 53 | 0 | 56 | 71 | 79 | | | | 2 | 47 | 4 | 33 | 37 | 89 | | | |
| | SHIGELLA | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 0 | | | | | 0 | 0 | | 0 | 0 | | | | |
| | TYPHI | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 0 | | | | | 0 | 0 | | 0 | 0 | | | | |
| 1997 | CAMPYLOBACTER | 0 | 43 | 0 | | | | 41 | 44 | 93 | 0 | 31 | 0 | | | | 52 | 53 | 98 | | | | | | | 0 | 41 | 0 | | | |
| | E. COLI O157 | 2 | 2 | 100 | | | | 3 | 3 | 100 | 4 | 7 | 57 | | | | 26 | 33 | 79 | | | | | | | 0 | 23 | 0 | | | |
| | SALMONELLA | 32 | 62 | 52 | | | | 38 | 51 | 75 | 13 | 51 | 25 | | | | 43 | 66 | 65 | | | | | | | 30 | 38 | 79 | | | |
| | SHIGELLA | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | | | | | | | | 0 | 0 | | | | |
| | TYPHI | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | | | | | | | | 0 | 0 | | | | |
| 1996 | CAMPYLOBACTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | E. COLI O157 | 2 | 4 | 50 | | | | 3 | 3 | 100 | 5 | 9 | 56 | | | | 26 | 37 | 70 | | | | | | | 0 | 14 | 0 | | | |
| | SALMONELLA | 32 | 59 | 54 | | | | 27 | 32 | 84 | 17 | 42 | 40 | | | | 53 | 79 | 67 | | | | | | | 35 | 42 | 83 | | | |
| | SHIGELLA | 0 | 0 | | | | | 0 | 0 | | 0 | 0 | | | | | 0 | 0 | | | | | | | | 0 | 0 | | | | |
| | TYPHI | 0 | 0 | | | | | 0 | 0 | | 0 | 0 | | | | | 0 | 0 | | | | | | | | 0 | 0 | | | | |

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

***Data accessed January 6, 2006 (eFORS 2)**
***Preliminary data**

| State | Outbreaks reported | 2005 population | Rate/1,000,000 population | Median Number Ill | Known etiology No. (%) | Known vehicle No. (%) | Restaurant-associated No. (%) |
|---|---|---|---|---|---|---|---|
| **CA** | 13 | 3,228,717 | 4.03 | 5 | 10 (77) | 5 (38) | 8 (62) |
| **CO** | 11 | 2,507,484 | 4.39 | 8 | 10 (91) | 3 (27) | 7 (64) |
| **CT** | 17 | 3,460,503 | 4.91 | 8 | 17 (100) | 4 (24) | 8 (47) |
| **GA** | 25 | 8,560,310 | 2.92 | 14 | 17(68) | 11 (44) | 12 (48) |
| **MD** | 12 | 5,458,137 | 2.20 | 11.5 | 9 (75) | 1 (8) | 11 (92) |
| **MN** | 41 | 5,019,720 | 8.17 | 8 | 30 (73) | 3 (7) | 33 (80) |
| **NM** | 1 | 1,855,059 | 0.54 | 35 | 1 (100) | 1 (100) | 0 (-) |
| **NY** | 17 | 4,312,301 | 3.94 | 8 | 11 (65) | 5 (29) | 6 (35) |
| **OR** | 36 | 3,521,515 | 10.22 | 8 | 32 (89) | 6 (17) | 17 (47) |
| **TN** | 15 | 5,797,289 | 2.59 | 21 | 11 (73) | 1 (7) | 10 (67) |
| **Total** | **188** | **43,721,035** | **4.30** | **9** | **148 (79)** | **40 (21)** | **115 (61)** |

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

*** Data accessed January 6, 2006 (eFORS 2)**
*** Preliminary data**

| State | Outbreaks reported | 2005 population | Rate/1,000,000 population | Median Number Ill | Known etiology No. (%) | Known vehicle No. (%) | Restaurant-associated No. (%) |
|---|---|---|---|---|---|---|---|
| **CA** | 5 | 3,228,717 | 1.55 | 32 | 5 (100) | 2 (40) | 2 (40) |
| **CO** | 5 | 2,507,484 | 1.99 | 25 | 4 (80) | 1 (20) | 3 (60) |
| **CT** | 7 | 3,460,503 | 2.02 | 21 | 7 (100) | 3 (43) | 3 (43) |
| **GA** | 14 | 8,560,310 | 1.64 | 33 | 11 (79) | 8 (57) | 6 (43) |
| **MD** | 6 | 5,458,137 | 1.10 | 18.5 | 1 (17) | 1 (17) | 5 (83) |
| **MN** | 16 | 5,019,720 | 3.19 | 17.5 | 12(75) | 1 (6) | 13 (81) |
| **NM** | 1 | 1,855,059 | 0.54 | 35 | 1 (100) | 1 (100) | 0 (-) |
| **NY** | 7 | 4,312,301 | 1.62 | 30 | 2 (29) | 2 (29) | 2 (29) |
| **OR** | 15 | 3,521,515 | 4.26 | 22 | 13 (87) | 3 (20) | 7 (47) |
| **TN** | 13 | 5,797,289 | 2.24 | 23 | 8 (62) | 0 (-) | 8 (62) |
| **Total** | **89** | **43,721,035** | **2.04** | **22** | **64 (72)** | **22 (25)** | **49 (55)** |

# HUS Surveillance, 2006

Data as of February 3, 2006

| Site | All cases (N=0) | | | | | | | | | | | | In catchments (N=0) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | <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 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CO | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| CT | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| GA | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MD | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| MN | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NM | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| NY | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| OR | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| TN | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| **Total** | 0 | **0 (0)** | 0 | **0 (0)** | 0 | **0 (0)** | 0 | **0 (0)** | 0 | **0 (0)** | 0 | **0 (0)** | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |

*per 100,000 persons

| Site | **Laboratory Testing (all cases included N=0)** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 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 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| CT | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| GA | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| MD | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| MN | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| NM | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| NY | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| OR | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| TN | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |
| **Total** | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/0 (-) | - | 0/0 (-) | 0/0 (-) |

# HUS Surveillance, 2005

Data as of February 3, 2006

| Site | All cases (N=84) | | | | | | | | | | | | In catchments (N=65) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | <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 | -- | 10 | -- | 2 | 0 (0) | 0 | -- | 0 | -- | 0 | -- | 1 | 2.3 | 5 | 3.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.00 | 0 | 0.00 |
| CO | 0 | -- | 8 | 0 (0) | 1 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.0 | 4 | 2.5 | 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 | -- | 5 | 1 (20) | 0 | -- | 1 | -- | 0 | 0 (0) | 1 | 1 (100) | 0 | 0.0 | 4 | 0.7 | 0 | 0.0 | 1 | 0.2 | 0 | 0.00 | 0 | 0.00 |
| MD | 0 | -- | 2 | 0 (0) | 1 | 0 (0) | 0 | -- | 0 | -- | 0 | -- | 0 | 0.0 | 1 | 0.3 | 1 | 0.3 | 0 | 0.0 | 0 | 0.00 | 0 | 0.00 |
| MN | 0 | -- | 7 | 0 (0) | 5 | 0 (0) | 2 | 0 (0) | 2 | 0 (0) | 0 | -- | 0 | 0.0 | 7 | 2.7 | 5 | 1.5 | 2 | 0.6 | 2 | 0.06 | 0 | 0.00 |
| NM | 1 | 1 (100) | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | -- | 1 | 3.7 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.00 | 0 | 0.00 |
| NY | 0 | -- | 3 | 0 (0) | 2 | 0 (0) | 1 | 0 (0) | 2 | 0 (0) | 0 | -- | 0 | 0.0 | 3 | 1.6 | 2 | 0.8 | 1 | 0.3 | 2 | 0.07 | 0 | 0.00 |
| OR | 0 | -- | 6 | 0 (0) | 1 | -- | 0 | -- | 0 | -- | 0 | -- | 0 | 0.0 | 6 | 3.3 | 1 | 0.4 | 0 | 0.0 | 0 | 0.00 | 0 | 0.00 |
| TN | 0 | -- | 8 | 1 (13) | 6 | 0 (0) | 0 | -- | 1 | 0 (0) | 1 | 0 (0) | 0 | 0.0 | 7 | 2.3 | 3 | 0.8 | 0 | 0.0 | 1 | 0.03 | 1 | 0.10 |
| **Total** | **2** | **1 (50)** | **50** | **2 (4)** | **18** | **0 (0)** | **5** | **0 (0)** | **6** | **0 (0)** | **2** | **1 (50)** | 2 | 0.3 | 38 | 1.6 | 13 | 0.4 | 5 | 0.16 | 6 | 0.193 | 1 | 0.03 |

*per 100,000 persons

| Site | Laboratory Testing (all cases included N=84) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 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 | 6/8 (75) | 7/13 (50) | 0/4 (0) | 6/13 (46) | 0/8 (0) | - | 0/4 (0) | 0/13 (0) |
| CO | 0/0 (-) | 0/0 (-) | 0/0 (-) | 0/9 (0) | 0/0 (-) | - | 0/0 (-) | 0/9 (0) |
| CT | 1/1(100) | 2/3 (67) | 0/0 (50) | 2/4 (50) | 0/1 (0) | - | 0/0 (-) | 0/4 (0) |
| GA | 0/0 (0) | 3/4 (75) | 0/0 (-) | 3/7 (43) | 0/0 (-) | - | 0/0 (-) | 0/8 (0) |
| MD | 2/2 (100) | 1/3 (33) | 0/0 (-) | 1/3 (33) | 1/2 (50) | Couldn't be serotyped. Sent to CDC lab. Waiting results. | 0/0 (-) | 1/3 (33) |
| MN | 8/16 (50) | 8/16 (50) | 5/9 (0) | 13/16 (81) | 0/16 (0) | - | 0/9 (0) | 0/16 (0) |
| NM | 0/1 (0) | 0/0 (-) | 0/1 (0) | 0/1 (0) | 0/0 (-) | - | 0/1 (0) | 0/1 (0) |
| NY | 2/2 (100) | 5/7 (71) | 0/2 (0) | 4/8 (50) | 0/2 (0) | - | 0/2 (-) | 0/8 (0) |
| OR | 0/0 (-) | 2/2 (100) | 0/2 (0) | 1/7 (14) | 0/0 (-) | - | 0/2 (0) | 0/7 (0) |
| TN | 1/1 (100) | 9/14 (64) | 0/4 (0) | 9/16 (56) | 0/1 (0) | - | 0/4 (0) | 0/16 (0) |
| **Total** | 20/31 (65) | 37/62 (60) | 5/22 (23) | 39/84 (46) | 1/30 (3) | - | 0/22 (0) | 1/84 (1) |

[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 February 3, 2006

2005 Additional Tables

| Site | Additional Tables (all cases included N=84) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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. with stool tested for Shiga toxin/total cases | | Outbreak related/total cases | |
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| CA | 13/13 | 100 | 7/13 | 54 | 0/13 | 0 | 0/0 | 0 | 4/13 | 31 | 2/4 | 50 | 8/13 | 62 | 0/13 | 0 |
| CO | 0/9 | 0 | 0/0 | 0 | 0/9 | 0 | 0/0 | 0 | 0/9 | 0 | 0/0 | 0 | 0/9 | 0 | 2/9 | 22 |
| CT | 3/4 | 75 | 2/3 | 67 | 0/4 | 0 | 0/0 | 0 | 0/4 | 0 | 0/0 | 0 | 1/4 | 25 | 1/4 | 25 |
| GA | 4/7 | 57 | 3/4 | 75 | 0/7 | 0 | 0/0 | 0 | 0/7 | 0 | 0/0 | 0 | 0/7 | 25 | 0/7 | 0 |
| MD | 3/3 | 100 | 1/3 | 33 | 1/3 | 33 | 1/1 | 100 | 0/3 | 0 | 0/0 | 0 | 2/3 | 67 | 0/3 | 0 |
| MN | 16/16 | 100 | 8/16 | 50 | 7/16 | 44 | 0/7 | 0 | 9/16 | 56 | 5/9 | 56 | 16/16 | 100 | 4/16 | 25 |
| 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 | 7/8 | 88 | 5/7 | 71 | 0/8 | 0 | 0/0 | 0 | 2/8 | 25 | 0/2 | 0 | 2/8 | 25 | 0/8 | 0 |
| OR | 2/7 | 29 | 2/2 | 100 | 0/7 | 0 | 0/0 | 0 | 2/7 | 29 | 0/2 | 0 | 0/7 | 0 | 1/7 | 14 |
| TN | 14/16 | 88 | 9/14 | 64 | 0/16 | 0 | 0/0 | 0 | 4/16 | 25 | 0/4 | 0 | 1/16 | 6 | 3/16 | 19 |
| **Total** | 62/84 | 74 | 37/62 | 60 | 8/84 | 10 | 1/8 | 13 | 22/84 | 26 | 7/22 | 32 | 31/84 | 37 | 11/84 | 13 |