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Prologue

The *1997 Final FoodNet Surveillance Report* consists of two parts: Part I is the Narrative Report, and Part II is the summary tables and graphs. The Narrative Report is based on the report "1997 Surveillance Results", written for the Department of Health and Human Services in April 1998. The new document has two revisions from the earlier one. First, this report uses the 1997 postcensus population estimates which became available in August 1998. Second, the new report includes additional cases that were reported after publication of the initial report but before the closeout of the surveillance data. Therefore, tables 1A and 1B have been updated and incidence rates recalculated.

Further information concerning FoodNet can be obtained by contacting the Foodborne and Diarrheal Diseases Branch at telephone number 404.639.2206 or via the internet at http://www.cdc.gov/ncidod/dbmd/foodnet/foodnet.htm

Part I:

Narrative Report

Executive summary

Foodborne infections are an important public health challenge. The Centers for Disease Control and Prevention (CDC) is actively involved in preventing foodborne disease. CDC's principal role in the interagency national Food Safety Initiative launched this year has been to enhance surveillance for and investigation of infections that are foodborne. These efforts will provide crucial data to identify control points, focus future prevention strategies and decision making within food safety regulatory agencies, measure changes in the burden of disease, and improve the national early warning system for food safety emergencies.

One major project is the collaborative Foodborne Diseases Active Surveillance Network (FoodNet), which CDC conducts with states and other federal agencies. FoodNet is measuring the burden and sources of specific diseases that are usually foodborne in the United States through active surveillance and additional studies. FoodNet will track and interpret trends in these diseases over time and will conduct studies of causes of emerging foodborne diseases. Ongoing FoodNet surveillance will be used to document the effectiveness of new food safety control measures, such as the USDA Pathogen Reduction and Hazard Analysis and Critical Control Points (HACCP) Rule, in decreasing the number of cases of major foodborne diseases in the United States each year. FoodNet and other efforts at CDC augment, but do not replace, longstanding activities at CDC and in states to identify, control, and prevent foodborne disease hazards. FoodNet is a sentinel network that can respond rapidly to new and emerging foodborne pathogens. Enhanced surveillance and investigation are integral to developing and evaluating new prevention and control strategies that can improve the safety of our food and the public's health.

The following are key findings of CDC FoodNet surveillance activities during 1997:

- The overall burden of diarrheal disease is great. FoodNet estimates that 360 million cases of diarrheal illness occur per year, resulting in approximately 28 million medical consultations. Further studies will define the causes and impact of these illnesses and what proportion of them may be related to food.
- In 1997, FoodNet tracked infections caused by seven bacterial pathogens and began to track two parasitic pathogens. Among the agents under surveillance, *Campylobacter* was the most frequently diagnosed, even though outbreaks caused by this pathogen are rare. A study of *Campylobacter* infections that began in 1998 will identify control points and direct future

prevention strategies. Based on these surveillance findings, the USDA Agricultural Research Service is augmenting research into possible prevention strategies for *Campylobacter*.

- FoodNet showed that *Escherichia coli* O157:H7 infections were more common in northern states and that undercooked ground beef was the principal food source of *E. coli* O157:H7 infections. In contrast with the findings of previous investigations, hamburgers eaten at fast-food restaurants were not associated with infection, suggesting that recent changes in the meat industry may have reduced *E. coli* O157:H7 infections associated with consumption of hamburgers at fast-food restaurants. Expanded efforts to reduce contamination of meat and to promote thorough cooking of hamburgers can further reduce the number of these infections. A second study is planned to explore other potential control points.
- Hospitalization associated with foodborne diseases is an important public health problem. In FoodNet sites, *Listeria* infections had the highest hospitalization rate and caused nearly half of the reported deaths. Because of this, FoodNet will conduct additional studies of *Listeria* infections to identify food sources and potential control points.
- In the summer of 1997, an outbreak of *Vibrio parahaemolyticus* infections in the western United States was identified by FoodNet and state surveillance and was associated with consumption of raw oysters. As a result, public health officials closed oyster beds in Washington State and warned the public about the risk associated with those shellfish, thus preventing further human illness. In the future, surveillance of seafood-associated infections can be used to document the effect of FDA's seafood safety programs.

Background

FoodNet is the principal foodborne disease component of CDC's Emerging Infections Program (EIP). FoodNet is a collaborative project among CDC, the U.S. Department of Agriculture (USDA), the Food and Drug Administration (FDA), and the seven EIP sites. As of January 1, 1998, the total population of these sites is 20.3 million, or 7.5% of the U.S. population.

Objectives

The objectives of FoodNet are to determine the frequency and severity of foodborne diseases; determine the proportion of common foodborne diseases that results from eating specific foods; and describe the epidemiology of new and emerging bacterial, parasitic, and viral foodborne pathogens. To address these objectives, FoodNet uses active surveillance and conducts related epidemiologic studies. By monitoring the burden of foodborne diseases over time, FoodNet will document the effectiveness of new food safety initiatives, such as the USDA Pathogen Reduction and Hazard Analysis and Critical Control Points (HACCP) Rule, in decreasing the number of cases of foodborne diseases in the United States each year.

Methods

In 1997, FoodNet conducted population-based active surveillance for confirmed cases of *Campylobacter*, *Escherichia coli* O157, *Listeria*, *Salmonella*, *Shigella*, *Vibrio*, and *Yersinia* infections in Minnesota, Oregon, and selected counties in California, Connecticut, and Georgia (total population: 16.1 million). Active surveillance data from Maryland and New York will be included in 1998. To identify cases, FoodNet personnel contact each of the nearly 300 clinical laboratories within the catchment areas, either weekly or monthly, depending on the size of the clinical laboratory.

Results

Cases reported

In 1997, a total of 8576 confirmed cases of infections caused by the pathogens under surveillance were identified in the five sites. Of these, 8059 were bacterial; 3974 *Campylobacter* infections, 2205 *Salmonella* infections, 1273 *Shigella* infections, 340 *E. coli* O157 infections, 139 *Yersinia* infections, 77 *Listeria* infections, and 51 *Vibrio* infections (Table 1A). The most commonly identified *Salmonella* serotypes were Typhimurium (646 cases), Enteritidis (361), Heidelberg (141), Newport (77), and Montevideo (67). In addition, 517 cases of parasitic disease were reported from four sites; 468 cases of *Cryptosporidium* and 49 of *Cyclospora* (Table 1B).

Table 1A. Infections caused by specific bacterial pathogens, reported by FoodNet sites, 1997

Pathogen	CA	CT	GA	MN	OR	Total
Campylobacter	1036	527	499	1175	737	**3974**
E. coli O157	19	34	8	199	80	**340**
Listeria	14	12	20	18	13	**77**
Salmonella	370	417	470	619	329	**2205**
Shigella	293	78	586	138	177	**1273**
Vibrio	31	4	2	2	12	**51**
Yersinia	35	15	43	31	15	**139**
Total	**1798**	**1088**	**1628**	**2182**	**1363**	**8059**

Table 1B. Infections caused by specific parasitic pathogens, reported by FoodNet sites, 1997

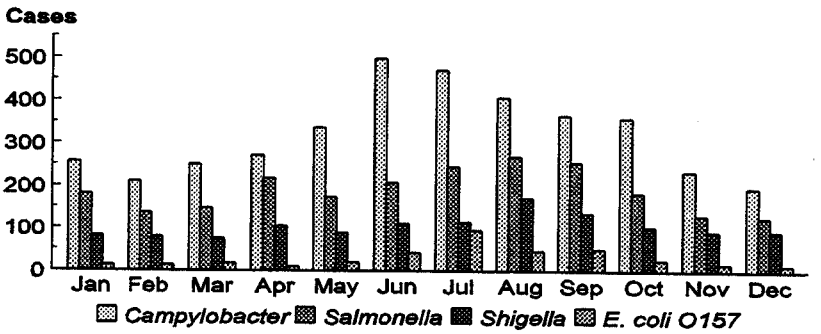
Pathogen	CA	CT	GA	MN	OR*	Total
Cryptosporidium	157	42	-	243	26	**468**
Cyclospora	16	29	-	3	1	**49**
Total	**173**	**71**	-	**246**	**27**	**517**

*Oregon began surveillance for parasitic disease on July 1, 1997

Seasonality

Isolation rates for several pathogens showed wide seasonal variation; 66% of *Vibrio*, 52% of *E. coli* O157, 35% of *Campylobacter*, and 32% of *Salmonella* were isolated during June through August (Figure 1).

Figure 1. Cases of foodborne disease caused by specific pathogens, by month, FoodNet Sites, 1997



1997 Rates

To compare the number of cases among sites with different populations, annual incidence rates were calculated. Incidence is the number of reported culture-confirmed cases divided by the 1997 postcensus estimates of the population. Overall incidence rates were higher for infections with *Campylobacter* (24.7/100,000 population), *Salmonella* (13.7/100,000), and *Shigella* (7.9/100,000). Lower overall incidence rates were reported for *E. coli* O157 infection (2.1/100,000), *Yersinia* (0.9/100,000), *Listeria* (0.5/100,000), and *Vibrio* (0.3/100,000).

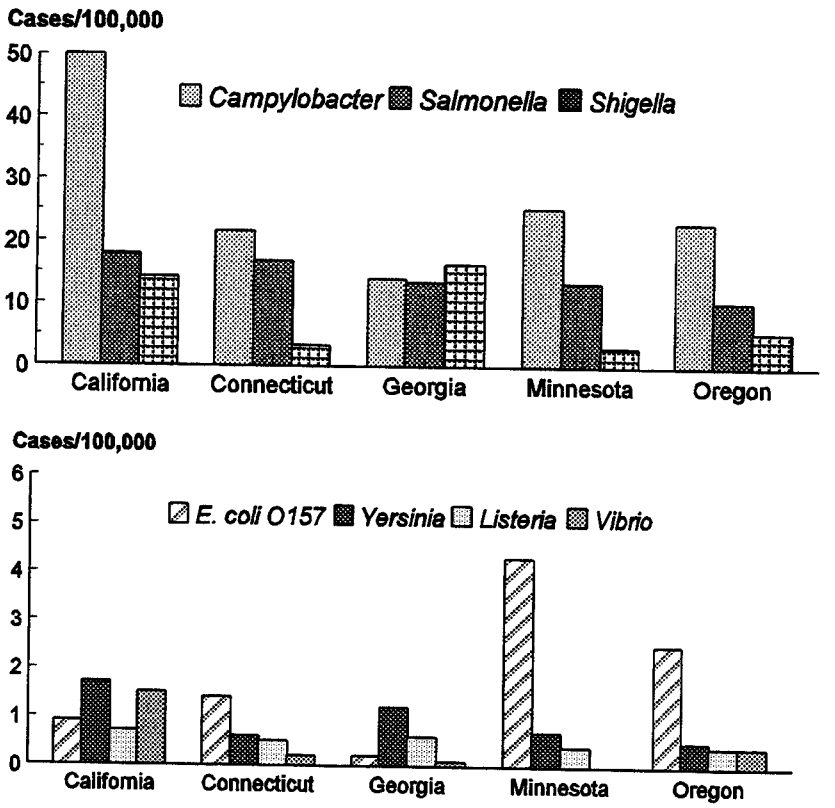
1996 Rates

Incidence rates in 1996, calculated using the 1996 postcensus population, were similar to those in 1997. Overall incidence rates in 1996 were higher for infections with, *Salmonella* (14.5/100,000), *E. coli* O157 (2.7/100,000) and *Shigella* (8.9/100,000), and lower for infections with *Campylobacter* (23.5/100,000 population), *Yersinia* (1.0/100,000), *Listeria* (0.5/100,000), and *Vibrio* (0.1/100,000). It is too soon to determine whether differences between 1996 and 1997 rates reflect year-to-year variation or longer-term trends. The increase in *Vibrio* infections in 1997 was a result of an outbreak of *V. parahemolyticus* infections associated with oysters from the Northwest coast.

Rates by site

Incidence rates for many of these pathogens varied substantially among the sites (Figure 2). The incidence rates for *Campylobacter* infection varied from 14/100,000 in Georgia to 49/100,000 in California, and for *Shigella* varied from 3/100,000 in Minnesota to 16/100,000 in Georgia. Although incidence rates for *Salmonella* infection were similar among the sites, the rates for *Salmonella* serotype Enteritidis infection varied dramatically, from 0.6/100,000 in Georgia to 5.8/100,000 in Connecticut. Incidence rates for *E. coli* O157 infection varied from 0.2/100,000 in Georgia to 4/100,000 in Minnesota, and for *Yersinia* infection varied from 0.5/100,000 in Oregon to 1.7/100,000 in California. Reasons for these regional differences in incidence rates are being investigated; for example, some laboratories do not test specimens routinely for all pathogens.

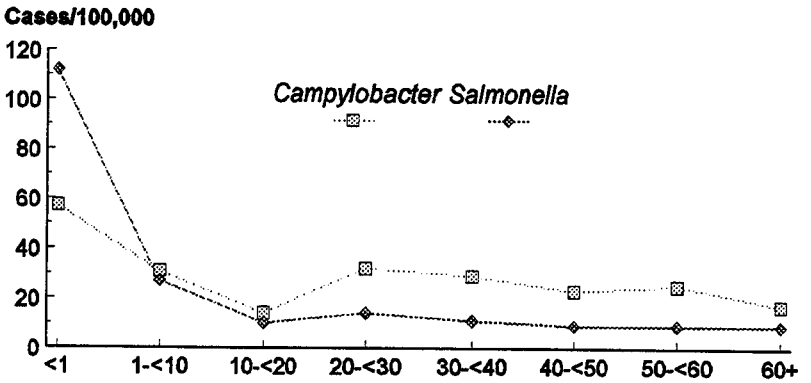
Figure 2. Cases of foodborne disease caused by specific pathogens per 100,000 population, FoodNet sites, 1997



Rates by age

Annual incidence rates of foodborne illness varied by age, especially for *Campylobacter* and *Salmonella* infections (Figure 3). For children <1 year of age, the rate of *Salmonella* infection was 111/100,000, and the rate of *Campylobacter* infection was 56/100,000, rates substantially higher than for other age groups.

Figure 3. Incidence of *Campylobacter* and *Salmonella* infections by age group, FoodNet sites, 1997



Rates by sex

There were significant differences in sex-specific incidence rates (Table 2). Overall, males were more likely than females to be infected with one of these pathogens. In particular, rates of *Vibrio* infection were 100% higher among males than females, and rates of *Campylobacter* infection were 27% higher among males than females.

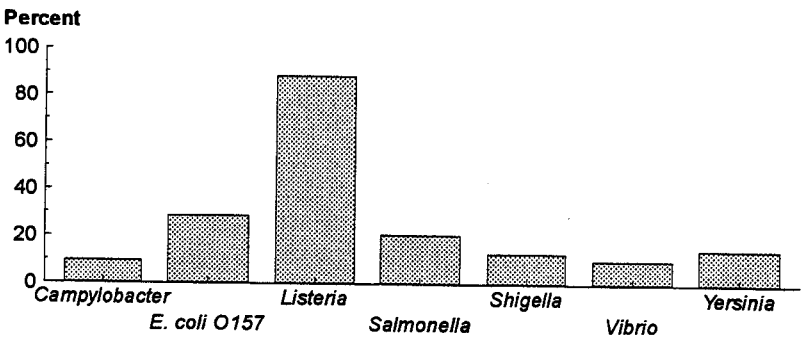
Table 2. Sex-specific incidence rates per 100,000 population, by pathogen, FoodNet sites, 1997

Isolate	Male	Female	Overall
Campylobacter	27.6	21.7	24.7
***E. coli* O157**	2.0	2.2	2.1
Listeria	0.5	0.4	0.5
Salmonella	14.0	13.3	13.7
Shigella	8.3	7.5	7.9
Vibrio	0.4	0.2	0.3
Yersinia	0.8	0.9	0.9
Total	53.6	46.2	50.1

Rates by age and sex Compared with females, the incidence rate of *Campylobacter* infection was higher for males in all age groups except infants (<1 year of age); rates for infants were similar for males and females. In contrast, rates of *Salmonella* infection were higher for male infants and children aged 1-10 years compared with females.

Hospitalizations Overall, 15% of infected persons were hospitalized; there were significant differences in hospitalization rates by pathogen (Figure 4). The rate of hospitalization was highest for persons infected with *Listeria* (88%) followed by those infected with *E. coli* O157 (29%), *Salmonella* (21%), *Yersinia* (15%), *Shigella* (13%), *Campylobacter* (10%), and *Vibrio* (10%).

Figure 4. Percentage of persons hospitalized with infections caused by specific pathogens, FoodNet sites, 1997



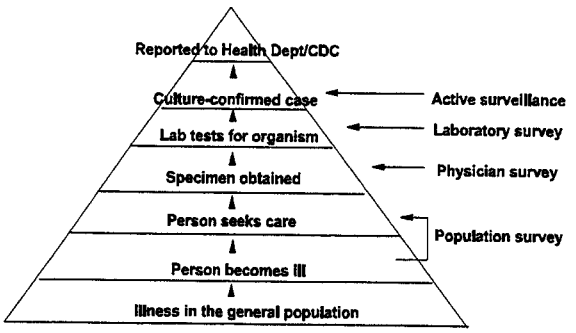
Deaths Thirty-three persons died; of those, 15 were infected with *Listeria*, 12 with *Salmonella*, four with *E. coli* O157, one with *Shigella*, and one with *Campylobacter*. The pathogen with the highest case-fatality rate was *Listeria*; 20% of persons infected with *Listeria* died.

Additional Studies

Burden of illness

Cases reported through active surveillance represent a fraction of the number of cases in the community. To better estimate the number of cases of foodborne disease in the community, we conducted surveys of laboratories, physicians, and the general population in the FoodNet sites (Figure 5).

Figure 5. Burden of illness pyramid



- **Laboratory survey**

  All microbiology laboratories in the FoodNet sites routinely test all stools submitted for culture for *Campylobacter, Salmonella,* and *Shigella*; however, only 50% routinely test for *E. coli* O157, 30% for *Yersinia*, and 19% for *Vibrio*.

- **Physician survey**

  Physicians who practice in the FoodNet sites reported that they were more likely to request stool specimens for culture from patients with any of the following features: bloody diarrhea, AIDS, duration of illness greater than 3 days, history of travel to a developing country, and fever.

- **Population survey**

  Of the 10,000 residents of the FoodNet sites we surveyed, 11% reported a diarrheal illness during the previous month or 1.4 episodes of diarrhea per person per year. Of those who were ill, only 8% sought medical care. Of those seeking medical care, 20% reported submitting a stool specimen for culture.

Causes of foodborne disease

As a part of FoodNet, case-control studies are conducted to determine the proportion of foodborne diseases that are caused by specific foods or food preparation practices. By determining this proportion, specific prevention efforts can be developed and their effectiveness documented.

- ***E. coli* O157:H7 case-control study**

  A case-control study of *E. coli* O157:H7 infections conducted at FoodNet sites included interviews with 200 patients or their parents and 380 healthy controls. Undercooked ground beef was determined to be the principal food source of these infections. Based on these findings, efforts to reduce contamination of ground beef and to promote thorough cooking could reduce the incidence of this infection. A follow-up case-control study will further define other potential control measures for the prevention of *E. coli* O157:H7 infections.

- ***Salmonella* case-control study**

  Salmonella of many different serotypes are the second most commonly diagnosed bacterial cause of diarrheal illness. Two serotypes, Enteritidis and Typhimurium, account for half of all cases of salmonellosis. FoodNet case-control studies of these two types are nearing completion and will help define the sources and points of control for these infections.

- ***Campylobacter* case-control study**

  Campylobacter is the most commonly diagnosed bacterial cause of diarrheal illness. FoodNet case-control studies to determine the sources and risk factors for this infection began in 1998.

Conclusion

Through active surveillance and additional studies, FoodNet is providing better estimates of the burden of foodborne illness and is tracking trends in these diseases over time. In 1997, surveillance of the seven pathogens studied showed that 50 cases of these infections were diagnosed per 100,000 population, representing a total of 130,000 culture-confirmed cases in the entire U.S. population. Additional FoodNet surveys showed that these cases represent a fraction of the burden of foodborne illness. Based on these surveys, at least 60 more of these infections may have occurred for each one that was diagnosed, suggesting that approximately 8 million cases of these bacterial infections occurred in 1997 in the United States.

In addition, FoodNet is a sentinel network that can rapidly respond to new and emerging bacterial, parasitic, and viral foodborne pathogens. Many diarrheal illnesses are not diagnosed because their causative organisms are not detected by routine laboratory tests. Determining the infectious causes and the food source or other sources of these infections is critical to developing methods to prevent them in the future. Beginning in 1998, studies of mild and severe diarrheal illnesses will help define the full spectrum of microbes that cause diarrheal illness in the United States.

Future activities

- Continue active laboratory-based surveillance for *Campylobacter, Salmonella, Shigella, Escherichia coli* O157:H7, *Listeria, Yersinia*, and *Vibrio* infections and active surveillance for hemolytic uremic syndrome (HUS).
- Expand the population under active surveillance with the inclusion of additional counties in Connecticut, Georgia, New York, and Maryland. In 1998, the population within the catchment areas will include 20.3 million persons or 7.5% of the U.S. population. An eighth site will be identified in 1998 for further expansion of FoodNet in 1999.
- Conduct a prospective case-control study of sporadic *Campylobacter* infections in the seven EIP sites.
- Conduct a prospective case-control study of sporadic *Shigella* infections in the California site.
- Begin prospective case-control studies of *Cryptosporidium* and *Listeria* infections.
- Conduct a follow-up prospective case-control study of *E. coli* O157:H7 infections, which will include pulsed-field gel electrophoresis subtyping of isolates.
- Begin rapid reporting of foodborne outbreaks in FoodNet sites.
- Conduct a study of patients hospitalized with acute severe gastroenteritis of unknown etiology in New York, Oregon, and Connecticut.

For additional information about FoodNet, visit our website at
http://www.cdc.gov/ncidod/dbmd/foodnet/foodnet.htm.

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Part II:

Summary Tables and Graphs

Part II. Summary tables and graphs

Tables

Graphs

Age-specific rates per 100,000 distribution by pathogen

Campylobacter

Cryptosporidium

Cyclospora

Escherichia coli O157

Listeria

Salmonella

Shigella

Vibrio

Yersinia

CDC's EMERGING INFECTIONS PROGRAM

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)
FoodNet 1997 Final Report

Population in Bacterial Catchment Areas:		Percent
California*	2,103,374	13.1%
Connecticut*	2,450,656	15.2%
Georgia*	3,627,184	22.5%
Minnesota	4,685,549	29.1%
Oregon	3,243,487	20.1%
Total	16,110,250	100.0%

Population in Parasitic Catchment Areas:		Percent
California*	6,340,996	36.2%
Connecticut	3,269,858	18.6%
Minnesota	4,685,549	26.7%
Oregon	3,243,487	18.5%
Total	17,539,890	100.0%

United States Population.....267,636,061

* Selected Counties

NOTE: Before June 1, 1997, California parasitic catchment area consisted of San Francisco, Alameda and Contra Costa counties only (pop. 3,002,632).

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Table 1a - Percent Site by Pathogen

		Site					
		Ca.	Ct.	Ga.	Mn.	Or.	Total
Pathogen							
CAMPYLOBACTER	Cases	1036	527	499	1175	737	3974
	Percent	26.1	13.3	12.6	29.6	18.5	100.0
CRYPTOSPORIDIUM	Cases	157	42	-	243	26	468
	Percent	33.5	9.0	-	51.9	5.6	100.0
CYCLOSPORA	Cases	16	29	-	3	1	49
	Percent	32.7	59.2	-	6.1	2.0	100.0
E. COLI O157	Cases	19	34	8	199	80	340
	Percent	5.6	10.0	2.4	58.5	23.5	100.0
LISTERIA	Cases	14	12	20	18	13	77
	Percent	18.2	15.6	26.0	23.4	16.9	100.0
SALMONELLA	Cases	370	417	470	619	329	2205
	Percent	16.8	18.9	21.3	28.1	14.9	100.0
SHIGELLA	Cases	293	79	586	138	177	1273
	Percent	23.0	6.2	46.0	10.8	13.9	100.0
VIBRIO	Cases	31	4	2	2	12	51
	Percent	60.8	7.8	3.9	3.9	23.5	100.0
YERSINIA	Cases	35	15	43	31	15	139
	Percent	25.2	10.8	30.9	22.3	10.8	100.0
Total	Cases	1971	1159	1628	2428	1390	8576
	Percent	23.0	13.5	19.0	28.3	16.2	100.0

GRAPH1
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Table 1b - Percent Pathogen by Site

		Pathogen									
		CAMPY-LOBAC-TER	CRYPT-OSPOR-IDIUM	CYCLO-SPORA	E. COLI O157	LISTE-RIA	SALMO-NELLA	SHIGE-LLA	VIBRIO	YERSI-NIA	Total
Site											
Ca.	Cases	1036	157	16	19	14	370	293	31	35	1971
	Percent	52.6	8.0	0.8	1.0	0.7	18.8	14.9	1.6	1.8	100.0
Ct.	Cases	527	42	29	34	12	417	79	4	15	1159
	Percent	45.5	3.6	2.5	2.9	1.0	36.0	6.8	0.3	1.3	100.0
Ga.	Cases	499	-	-	8	20	470	586	2	43	1628
	Percent	30.7	-	-	0.5	1.2	28.9	36.0	0.1	2.6	100.0
Mn.	Cases	1175	243	3	199	18	619	138	2	31	2428
	Percent	48.4	10.0	0.1	8.2	0.7	25.5	5.7	0.1	1.3	100.0
Or.	Cases	737	26	1	80	13	329	177	12	15	1390
	Percent	53.0	1.9	0.1	5.8	0.9	23.7	12.7	0.9	1.1	100.0
Total	Cases	3974	468	49	340	77	2205	1273	51	139	8576
	Percent	46.3	5.5	0.6	4.0	0.9	25.7	14.8	0.6	1.6	100.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Table 2a - Cases per 100,000 by Pathogen for All Sites

	Cases per 100,000	Total Cases
Pathogen		
CAMPYLOBACTER	24.7	3974
CRYPTOSPORIDIUM	2.8	468
CYCLOSPORA	0.3	49
E. COLI O157	2.1	340
LISTERIA	0.5	77
SALMONELLA	13.7	2205
SHIGELLA	7.9	1273
VIBRIO	0.3	51
YERSINIA	0.9	139
Total	53.1	8576

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Table 2b - Cases per 100,000 by Pathogen by Site

	Cases per 100,000				
	Ca.	Ct.	Ga.	Mn.	Or.
Pathogen					
CAMPYLOBACTER	49.3	21.5	13.8	25.1	22.7
CRYPTOSPORIDIUM	3.4	1.3	-	5.2	0.8
CYCLOSPORA	0.3	0.9	-	0.1	0.0
E. COLI O157	0.9	1.4	0.2	4.2	2.5
LISTERIA	0.7	0.5	0.6	0.4	0.4
SALMONELLA	17.6	17.0	13.0	13.2	10.1
SHIGELLA	13.9	3.2	16.2	2.9	5.5
VIBRIO	1.5	0.2	0.1	0.0	0.4
YERSINIA	1.7	0.6	1.2	0.7	0.5
Total	89.2	46.6	44.9	51.8	42.9

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Table 3 - Cases per 100,000 by Month by Pathogen for All Sites

Cases per 100,000	Month											
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97
Pathogen												
CAMPYLOBACTER	1.6	1.3	1.6	1.7	2.1	3.1	3.0	2.6	2.3	2.3	1.7	1.5
CRYPTOSPORIDIUM	0.1	0.1	0.1	0.2	0.2	0.2	0.8	0.3	0.3	0.2	0.2	0.1
CYCLOSPORA	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
E. COLI O157	0.1	0.1	0.1	0.0	0.1	0.3	0.6	0.3	0.3	0.1	0.1	0.1
LISTERIA	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
SALMONELLA	1.1	0.8	0.8	1.3	1.1	1.2	1.5	1.6	1.6	1.1	0.8	0.9
SHIGELLA	0.5	0.5	0.5	0.6	0.5	0.7	0.7	1.1	0.8	0.7	0.6	0.7
VIBRIO	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
YERSINIA	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2

GRAPH1
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 3a through 3e - Cases per 100,000 by Month by Pathogen by Site

Table 3a: Site = California

Cases per 100,000	Month											
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97
Pathogen												
CAMPYLOBACTER	0.6	0.4	0.5	0.5	0.5	0.7	0.7	0.6	0.6	0.4	0.5	0.4
CRYPTOSPORIDIUM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CYCLOSPORA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
E. COLI O157	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LISTERIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SALMONELLA	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
SHIGELLA	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.1	0.1	0.1
VIBRIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
YERSINIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Tables 3a through 3e - Cases per 100,000 by Month by Pathogen by Site

Table 3b: Site = Connecticut

Cases per 100,000	Month											
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97
Pathogen												
CAMPYLOBACTER	0.1	0.1	0.1	0.2	0.3	0.7	0.4	0.4	0.2	0.3	0.2	0.2
CRYPTOSPORIDIUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CYCLOSPORA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
E. COLI O157	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LISTERIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SALMONELLA	0.2	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.1
SHIGELLA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
VIBRIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YERSINIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Tables 3a through 3e - Cases per 100,000 by Month by Pathogen by Site

Table 3c: Site = Georgia

Cases per 100,000	Month											
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97
Pathogen												
CAMPYLOBACTER	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.3	0.2	0.3	0.3
E. COLI O157	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LISTERIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SALMONELLA	0.3	0.2	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2
SHIGELLA	0.2	0.2	0.2	0.4	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
VIBRIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YERSINIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Tables 3a through 3e - Cases per 100,000 by Month by Pathogen by Site

Table 3e: Site = Minnesota

Cases per 100,000	Month											
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97
Pathogen												
CAMPYLOBACTER	0.4	0.4	0.5	0.5	0.5	0.8	0.9	0.9	0.8	0.9	0.3	0.3
CRYPTOSPORIDIUM	0.0	0.0	0.0	0.1	0.0	0.1	0.6	0.2	0.1	0.1	0.1	0.0
CYCLOSPORA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E. COLI O157	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.2	0.1	0.0	0.0
LISTERIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SALMONELLA	0.3	0.2	0.3	0.2	0.3	0.3	0.4	0.6	0.5	0.3	0.2	0.2
SHIGELLA	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
VIBRIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YERSINIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 3a through 3e - Cases per 100,000 by Month by Pathogen by Site

Table 3g: Site = Oregon

Cases per 100,000	Month											
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97
Pathogen												
CAMPYLOBACTER	0.4	0.3	0.3	0.3	0.5	0.6	0.7	0.3	0.4	0.3	0.3	0.3
CRYPTOSPORIDIUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CYCLOSPORA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E. COLI O157	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
LISTERIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SALMONELLA	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
SHIGELLA	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.3	0.1	0.1	0.1	0.1
VIBRIO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
YERSINIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GRAPH1
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Table 4 - Pathogen by Month Collected for All Sites

Cases	Month												
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97	Total
Pathogen													
CAMPYLOBACTER	257	209	250	272	337	498	484	421	372	370	267	237	3974
CRYPTOSPORIDIUM	19	15	20	22	23	29	134	60	50	42	31	23	468
CYCLOSPORA	0	0	0	2	6	32	5	3	0	1	0	0	49
E. COLI O157	10	11	15	8	18	41	92	44	49	24	15	13	340
LISTERIA	3	4	3	6	5	7	11	8	12	7	4	7	77
SALMONELLA	176	122	135	207	171	200	235	261	252	177	131	138	2205
SHIGELLA	83	76	74	104	88	106	113	170	135	111	101	112	1273
VIBRIO	0	0	2	1	1	4	12	18	7	3	2	1	51
YERSINIA	18	11	8	12	15	7	8	10	11	6	8	25	139
Total	566	448	507	634	664	924	1094	995	888	741	559	556	8576

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 4a through 4e - Pathogen by Month Collected by Site

Table 4a: Site = California

Cases	Month												
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97	Total
Pathogen													
CAMPYLOBACTER	97	69	74	81	86	108	111	104	96	71	76	63	1036
CRYPTOSPORIDIUM	14	11	12	8	10	19	13	12	18	14	15	11	157
CYCLOSPORA	-	-	-	-	-	12	3	-	-	1	-	-	16
E. COLI O157	-	1	2	1	-	1	2	-	3	3	1	5	19
LISTERIA	-	-	-	1	1	1	2	3	2	1	1	2	14
SALMONELLA	21	11	23	36	31	30	28	53	52	29	25	31	370
SHIGELLA	29	23	17	16	22	17	30	38	43	20	14	24	293
VIBRIO	-	-	1	-	1	3	8	10	4	2	1	1	31
YERSINIA	8	4	2	1	1	3	1	6	4	-	1	4	35
Total	169	119	131	144	152	194	198	226	222	141	134	141	1971

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 4a through 4e - Pathogen by Month Collected by Site

Table 4b: Site = Connecticut

Cases	Month												
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97	Total
Pathogen													
CAMPYLOBACTER	23	18	22	32	48	106	64	61	39	52	36	26	527
CRYPTOSPORIDIUM	2	2	3	1	6	1	2	8	5	8	4	-	42
CYCLOSPORA	-	-	-	-	6	19	1	3	-	-	-	-	29
E. COLI O157	1	-	1	1	2	4	8	7	5	1	3	1	34
LISTERIA	1	-	1	2	1	2	-	-	4	-	1	-	12
SALMONELLA	37	20	17	48	28	46	50	42	39	46	27	17	417
SHIGELLA	4	4	8	7	6	10	6	18	3	5	2	6	79
VIBRIO	-	-	-	-	-	-	-	2	1	-	1	-	4
YERSINIA	1	1	2	2	3	2	2	1	-	-	-	1	15
Total	69	45	54	93	100	190	133	142	96	112	74	51	1159

GRAPH1
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 4a through 4e - Pathogen by Month Collected by Site

Table 4c: Site = Georgia

Cases	Month												
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97	Total
Pathogen													
CAMPYLOBACTER	15	16	20	38	47	64	60	49	54	40	52	44	499
CRYPTOSPORIDIUM	-	-	-	-	-	-	-	-	-	-	-	-	-
CYCLOSPORA	-	-	-	-	-	-	-	-	-	-	-	-	-
E. COLI O157	1	2	-	-	1	2	-	2	-	-	-	-	8
LISTERIA	2	3	2	1	2	-	3	2	2	1	2	-	20
SALMONELLA	43	31	24	29	41	50	60	51	49	31	27	34	470
SHIGELLA	26	31	30	58	48	57	42	52	55	60	64	63	586
VIBRIO	-	-	-	-	-	-	1	1	-	-	-	-	2
YERSINIA	6	3	3	2	4	-	1	1	3	2	4	14	43
Total	93	86	79	128	143	173	167	158	163	134	149	155	1628

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Tables 4a through 4e - Pathogen by Month Collected by Site

Table 4e: Site = Minnesota

Cases	Month												
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97	Total
Pathogen													
CAMPYLOBACTER	62	61	84	80	83	128	140	151	125	153	53	55	1175
CRYPTOSPORIDIUM	3	2	5	13	7	9	113	38	23	15	9	6	243
CYCLOSPORA	-	-	-	2	-	1	-	-	-	-	-	-	3
E. COLI O157	6	4	7	2	2	29	68	29	34	12	3	3	199
LISTERIA	-	1	-	2	-	1	3	-	4	5	-	2	18
SALMONELLA	52	37	42	40	45	44	65	93	77	46	38	40	619
SHIGELLA	16	10	13	9	4	15	13	18	11	14	8	7	138
VIBRIO	-	-	-	1	-	1	-	-	-	-	-	-	2
YERSINIA	2	-	1	5	6	2	4	1	3	2	1	4	31
Total	141	115	152	154	147	230	406	330	277	247	112	117	2428

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Tables 4a through 4e - Pathogen by Month Collected by Site

Table 4g: Site = Oregon

Cases	Month												
	JAN97	FEB97	MAR97	APR97	MAY97	JUN97	JUL97	AUG97	SEP97	OCT97	NOV97	DEC97	Total
Pathogen													
CAMPYLOBACTER	60	45	50	41	73	92	109	56	58	54	50	49	737
CRYPTOSPORIDIUM	-	-	-	-	-	-	6	2	4	5	3	6	26
CYCLOSPORA	-	-	-	-	-	-	1	-	-	-	-	-	1
E. COLI O157	2	4	5	4	13	5	14	6	7	8	8	4	80
LISTERIA	-	-	-	-	1	3	3	3	-	-	-	3	13
SALMONELLA	23	23	29	54	26	30	32	22	35	25	14	16	329
SHIGELLA	8	8	6	14	8	7	22	44	23	12	13	12	177
VIBRIO	-	-	1	-	-	-	3	5	2	1	-	-	12
YERSINIA	1	3	-	2	1	-	-	1	1	2	2	2	15
Total	94	83	91	115	122	137	190	139	130	107	90	92	1390

GRAPH1
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Table 5 - Age Distribution by Pathogen for All Sites

		Age Specific Strata									
		UNKNWN	0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen											
CAMPYLOBACTER	Cases	2	123	627	311	695	827	581	375	433	3974
	Percent	0.1	3.1	15.8	7.8	17.5	20.8	14.6	9.4	10.9	100.0
SALMONELLA	Cases	1	244	531	217	303	312	234	134	229	2205
	Percent	0.0	11.1	24.1	9.8	13.7	14.1	10.6	6.1	10.4	100.0
SHIGELLA	Cases	3	30	594	75	165	212	104	55	35	1273
	Percent	0.2	2.4	46.7	5.9	13.0	16.7	8.2	4.3	2.7	100.0
CRYPTOSPORIDIUM	Cases	0	8	168	42	39	94	67	21	29	468
	Percent	0	1.7	35.9	9.0	8.3	20.1	14.3	4.5	6.2	100.0
E. COLI O157	Cases	0	10	154	54	30	18	12	24	38	340
	Percent	0	2.9	45.3	15.9	8.8	5.3	3.5	7.1	11.2	100.0
LISTERIA	Cases	0	5	2	1	3	9	6	9	42	77
	Percent	0	6.5	2.6	1.3	3.9	11.7	7.8	11.7	54.5	100.0
YERSINIA	Cases	0	57	29	7	7	13	10	5	11	139
	Percent	0	41.0	20.9	5.0	5.0	9.4	7.2	3.6	7.9	100.0
CYCLOSPORA	Cases	0	0	4	2	2	8	6	15	12	49
	Percent	0	0	8.2	4.1	4.1	16.3	12.2	30.6	24.5	100.0
VIBRIO	Cases	0	0	0	0	16	18	4	5	8	51
	Percent	0	0	0	0	31.4	35.3	7.8	9.8	15.7	100.0
Total	Cases	6	477	2109	709	1260	1511	1024	643	837	8576
	Percent	0.1	5.6	24.6	8.3	14.7	17.6	11.9	7.5	9.8	100.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

FoodNet 1997 Final Report

Tables 5a through 5e - Age Distribution by Pathogen by Site

Table 5a: Site = California		Age Specific Strata									
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	UNKNWN	Total
Pathogen											
CAMPYLOBACTER	Cases	43	207	81	202	206	116	78	103	-	1036
	Percent	4.2	20.0	7.8	19.5	19.9	11.2	7.5	9.9	-	100.0
CRYPTOSPORIDIUM	Cases	2	16	4	14	50	45	14	12	-	157
	Percent	1.3	10.2	2.5	8.9	31.8	28.7	8.9	7.6	-	100.0
CYCLOSPORA	Cases	-	1	-	2	5	-	6	2	-	16
	Percent	-	6.3	-	12.5	31.3	-	37.5	12.5	-	100.0
E. COLI O157	Cases	-	10	5	1	-	-	-	3	-	19
	Percent	-	52.6	26.3	5.3	-	-	-	15.8	-	100.0
LISTERIA	Cases	1	-	-	-	2	-	2	9	-	14
	Percent	7.1	-	-	-	14.3	-	14.3	64.3	-	100.0
SALMONELLA	Cases	47	84	26	55	58	45	20	35	-	370
	Percent	12.7	22.7	7.0	14.9	15.7	12.2	5.4	9.5	-	100.0
SHIGELLA	Cases	6	84	13	48	74	45	16	7	-	293
	Percent	2.0	28.7	4.4	16.4	25.3	15.4	5.5	2.4	-	100.0
VIBRIO	Cases	-	-	-	13	9	2	3	4	-	31
	Percent	-	-	-	41.9	29.0	6.5	9.7	12.9	-	100.0
YERSINIA	Cases	15	7	1	2	4	3	2	1	-	35
	Percent	42.9	20.0	2.9	5.7	11.4	8.6	5.7	2.9	-	100.0
Total	Cases	114	409	130	337	408	256	141	176	-	1971
	Percent	5.8	20.8	6.6	17.1	20.7	13.0	7.2	8.9	-	100.0

GRAPH1
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Tables 5a through 5e - Age Distribution by Pathogen by Site

Table 5b: Site = Connecticut		Age Specific Strata									
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	UNKNWN	Total
Pathogen											
CAMPYLOBACTER	Cases	15	74	33	80	123	82	49	71	-	527
	Percent	2.8	14.0	6.3	15.2	23.3	15.6	9.3	13.5	-	100.0
CRYPTOSPORIDIUM	Cases	-	9	6	5	12	5	2	3	-	42
	Percent	-	21.4	14.3	11.9	28.6	11.9	4.8	7.1	-	100.0
CYCLOSPORA	Cases	-	2	2	-	3	5	8	9	-	29
	Percent	-	6.9	6.9	-	10.3	17.2	27.6	31.0	-	100.0
E. COLI O157	Cases	-	15	7	4	3	-	2	3	-	34
	Percent	-	44.1	20.6	11.8	8.8	-	5.9	8.8	-	100.0
LISTERIA	Cases	-	-	1	1	-	1	1	8	-	12
	Percent	-	-	8.3	8.3	-	8.3	8.3	66.7	-	100.0
SALMONELLA	Cases	31	101	35	73	61	34	25	57	-	417
	Percent	7.4	24.2	8.4	17.5	14.6	8.2	6.0	13.7	-	100.0
SHIGELLA	Cases	2	33	6	6	13	7	7	5	-	79
	Percent	2.5	41.8	7.6	7.6	16.5	8.9	8.9	6.3	-	100.0
VIBRIO	Cases	-	-	-	1	3	-	-	-	-	4
	Percent	-	-	-	25.0	75.0	-	-	-	-	100.0
YERSINIA	Cases	4	4	1	1	1	1	-	3	-	15
	Percent	26.7	26.7	6.7	6.7	6.7	6.7	-	20.0	-	100.0
Total	Cases	52	238	91	171	219	135	94	159	-	1159
	Percent	4.5	20.5	7.9	14.8	18.9	11.6	8.1	13.7	-	100.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 5a through 5e - Age Distribution by Pathogen by Site

Table 5c: Site = Georgia		Age Specific Strata									
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	UNKNWN	Total
Pathogen											
CAMPYLOBACTER	Cases	10	65	41	85	126	84	40	47	1	499
	Percent	2.0	13.0	8.2	17.0	25.3	16.8	8.0	9.4	0.2	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-	-
CYCLOSPORA	Cases	-	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-	-
E. COLI O157	Cases	-	6	2	-	-	-	-	-	-	8
	Percent	-	75.0	25.0	-	-	-	-	-	-	100.0
LISTERIA	Cases	1	-	-	1	6	2	2	8	-	20
	Percent	5.0	-	-	5.0	30.0	10.0	10.0	40.0	-	100.0
SALMONELLA	Cases	88	163	44	35	49	36	20	35	-	470
	Percent	18.7	34.7	9.4	7.4	10.4	7.7	4.3	7.4	-	100.0
SHIGELLA	Cases	17	339	32	73	76	31	10	6	2	586
	Percent	2.9	57.8	5.5	12.5	13.0	5.3	1.7	1.0	0.3	100.0
VIBRIO	Cases	-	-	-	1	1	-	-	-	-	2
	Percent	-	-	-	50.0	50.0	-	-	-	-	100.0
YERSINIA	Cases	31	9	1	-	2	-	-	-	-	43
	Percent	72.1	20.9	2.3	-	4.7	-	-	-	-	100.0
Total	Cases	147	582	120	195	260	153	72	96	3	1628
	Percent	9.0	35.7	7.4	12.0	16.0	9.4	4.4	5.9	0.2	100.0

GRAPH1
CDC's Emerging Infections Program (FoodNet)
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Tables 5a through 5e - Age Distribution by Pathogen by Site

Table 5e: Site = Minnesota		Age Specific Strata									
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	UNKNWN	Total
Pathogen											
CAMPYLOBACTER	Cases	32	175	97	225	227	169	128	121	1	1175
	Percent	2.7	14.9	8.3	19.1	19.3	14.4	10.9	10.3	0.1	100.0
CRYPTOSPORIDIUM	Cases	6	140	32	15	27	10	3	10	-	243
	Percent	2.5	57.6	13.2	6.2	11.1	4.1	1.2	4.1	-	100.0
CYCLOSPORA	Cases	-	-	-	-	-	1	1	1	-	3
	Percent	-	-	-	-	-	33.3	33.3	33.3	-	100.0
E. COLI O157	Cases	7	94	27	15	11	9	16	20	-	199
	Percent	3.5	47.2	13.6	7.5	5.5	4.5	8.0	10.1	-	100.0
LISTERIA	Cases	2	2	-	1	1	-	1	11	-	18
	Percent	11.1	11.1	-	5.6	5.6	-	5.6	61.1	-	100.0
SALMONELLA	Cases	50	112	77	87	94	81	48	69	1	619
	Percent	8.1	18.1	12.4	14.1	15.2	13.1	7.8	11.1	0.2	100.0
SHIGELLA	Cases	3	48	7	19	32	10	12	7	-	138
	Percent	2.2	34.8	5.1	13.8	23.2	7.2	8.7	5.1	-	100.0
VIBRIO	Cases	-	-	-	-	-	1	-	1	-	2
	Percent	-	-	-	-	-	50.0	-	50.0	-	100.0
YERSINIA	Cases	4	3	3	4	5	6	1	5	-	31
	Percent	12.9	9.7	9.7	12.9	16.1	19.4	3.2	16.1	-	100.0
Total	Cases	104	574	243	366	397	287	210	245	2	2428
	Percent	4.3	23.6	10.0	15.1	16.4	11.8	8.6	10.1	0.1	100.0

GRAPH1
CDC's Emerging Infections Program (FoodNet)
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Tables 5a through 5e - Age Distribution by Pathogen by Site

Table 5g: Site = Oregon		Age Specific Strata									
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	UNKNWN	Total
Pathogen											
CAMPYLOBACTER	Cases	23	106	59	103	145	130	80	91	-	737
	Percent	3.1	14.4	8.0	14.0	19.7	17.6	10.9	12.3	-	100.0
CRYPTOSPORIDIUM	Cases	-	3	-	5	5	7	2	4	-	26
	Percent	-	11.5	-	19.2	19.2	26.9	7.7	15.4	-	100.0
CYCLOSPORA	Cases	-	1	-	-	-	-	-	-	-	1
	Percent	-	100.0	-	-	-	-	-	-	-	100.0
E. COLI O157	Cases	3	29	13	10	4	3	6	12	-	80
	Percent	3.8	36.3	16.3	12.5	5.0	3.8	7.5	15.0	-	100.0
LISTERIA	Cases	1	-	-	-	-	3	3	6	-	13
	Percent	7.7	-	-	-	-	23.1	23.1	46.2	-	100.0
SALMONELLA	Cases	28	71	35	53	50	38	21	33	-	329
	Percent	8.5	21.6	10.6	16.1	15.2	11.6	6.4	10.0	-	100.0
SHIGELLA	Cases	2	90	17	19	17	11	10	10	1	177
	Percent	1.1	50.8	9.6	10.7	9.6	6.2	5.6	5.6	0.6	100.0
VIBRIO	Cases	-	-	-	1	5	1	2	3	-	12
	Percent	-	-	-	8.3	41.7	8.3	16.7	25.0	-	100.0
YERSINIA	Cases	3	6	1	-	1	-	2	2	-	15
	Percent	20.0	40.0	6.7	-	6.7	-	13.3	13.3	-	100.0
Total	Cases	60	306	125	191	227	193	126	161	1	1390
	Percent	4.3	22.0	9.0	13.7	16.3	13.9	9.1	11.6	0.1	100.0

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Table 6 - Cases per 100,000 by Age Distribution by Pathogen for All Sites

Cases per 100,000	Age Specific Strata							
	0 - <1 YR	1 - <10 YRS	10 - <20 YRS	20 - <30 YRS	30 - <40 YRS	40 - <50 YRS	50 - <60 YRS	60+ YRS
Pathogen								
CAMPYLOBACTER	55.9	31.0	13.9	31.9	29.8	22.8	23.1	17.3
CRYPTOSPORIDIUM	3.7	7.8	1.8	1.8	3.4	2.6	1.3	1.0
CYCLOSPORA	0.0	0.2	0.1	0.1	0.3	0.2	0.9	0.4
E. COLI O157	4.5	7.6	2.4	1.4	0.6	0.5	1.5	1.5
LISTERIA	2.3	0.1	0.0	0.1	0.3	0.2	0.6	1.7
SALMONELLA	111.0	26.2	9.7	13.9	11.2	9.2	8.2	9.2
SHIGELLA	13.6	29.3	3.3	7.6	7.6	4.1	3.4	1.4
VIBRIO	0.0	0.0	0.0	0.7	0.6	0.2	0.3	0.3
YERSINIA	25.9	1.4	0.3	0.3	0.5	0.4	0.3	0.4

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 6a through 6e - Cases per 100,000 by Age Distribution by Pathogen by Site

Table 6a: Site = California

Cases per 100,000	Age Specific Strata							
	0 - <1 YR	1 - <10 YRS	10 - <20 YRS	20 - <30 YRS	30 - <40 YRS	40 - <50 YRS	50 - <60 YRS	60+ YRS
Pathogen								
CAMPYLOBACTER	158.9	83.7	33.0	64.5	53.2	34.9	38.9	29.4
CRYPTOSPORIDIUM	3.7	2.4	0.7	2.5	6.7	6.0	2.9	1.3
CYCLOSPORA	-	0.1	-	0.2	0.4	-	1.0	0.2
E. COLI O157	-	4.0	2.0	0.3	-	-	-	0.9
LISTERIA	3.7	-	-	-	0.5	-	1.0	2.6
SALMONELLA	173.7	34.0	10.6	17.5	15.0	13.5	10.0	10.0
SHIGELLA	22.2	34.0	5.3	15.3	19.1	13.5	8.0	2.0
VIBRIO	-	-	-	4.1	2.3	0.6	1.5	1.1
YERSINIA	55.4	2.8	0.4	0.6	1.0	0.9	1.0	0.3

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 6a through 6e - Cases per 100,000 by Age Distribution by Pathogen by Site

Table 6b: Site = Connecticut

Cases per 100,000	Age Specific Strata							
	0 - <1 YR	1 - <10 YRS	10 - <20 YRS	20 - <30 YRS	30 - <40 YRS	40 - <50 YRS	50 - <60 YRS	60+ YRS
Pathogen								
CAMPYLOBACTER	46.0	24.6	10.6	26.8	29.5	22.1	18.6	15.6
CRYPTOSPORIDIUM	-	2.2	1.4	1.2	2.1	1.0	0.6	0.5
CYCLOSPORA	-	0.5	0.5	-	0.5	1.0	2.3	1.5
E. COLI O157	-	5.0	2.3	1.3	0.7	-	0.8	0.7
LISTERIA	-	-	0.3	0.3	-	0.3	0.4	1.8
SALMONELLA	95.2	33.6	11.3	24.4	14.6	9.1	9.5	12.5
SHIGELLA	6.1	11.0	1.9	2.0	3.1	1.9	2.7	1.1
VIBRIO	-	-	-	0.3	0.7	-	-	-
YERSINIA	12.3	1.3	0.3	0.3	0.2	0.3	-	0.7

GRAPH1

CDC's Emerging Infections Program (FoodNet)

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Tables 6a through 6e - Cases per 100,000 by Age Distribution by Pathogen by Site

Table 6c: Site = Georgia

Cases per 100,000	Age Specific Strata							
	0 - <1 YR	1 - <10 YRS	10 - <20 YRS	20 - <30 YRS	30 - <40 YRS	40 - <50 YRS	50 - <60 YRS	60+ YRS
Pathogen								
CAMPYLOBACTER	18.2	13.4	8.3	15.3	18.0	14.2	11.5	11.9
CRYPTOSPORIDIUM	-	-	-	-	-	-	-	-
CYCLOSPORA	-	-	-	-	-	-	-	-
E. COLI O157	-	1.2	0.4	-	-	-	-	-
LISTERIA	1.8	-	-	0.2	0.9	0.3	0.6	2.0
SALMONELLA	160.0	33.6	8.9	6.3	7.0	6.1	5.7	8.9
SHIGELLA	30.9	69.8	6.5	13.1	10.9	5.2	2.9	1.5
VIBRIO	-	-	-	0.2	0.1	-	-	-
YERSINIA	56.4	1.9	0.2	-	0.3	-	-	-

GRAPH1

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Tables 6a through 6e - Cases per 100,000 by Age Distribution by Pathogen by Site

Table 6e: Site = Minnesota

Cases per 100,000	Age Specific Strata							
	0 - <1 YR	1 - <10 YRS	10 - <20 YRS	20 - <30 YRS	30 - <40 YRS	40 - <50 YRS	50 - <60 YRS	60+ YRS
Pathogen								
CAMPYLOBACTER	51.2	29.3	13.4	37.5	29.0	23.6	27.9	16.3
CRYPTOSPORIDIUM	9.6	23.4	4.4	2.5	3.4	1.4	0.7	1.3
CYCLOSPORA	-	-	-	-	-	0.1	0.2	0.1
E. COLI O157	11.2	15.7	3.7	2.5	1.4	1.3	3.5	2.7
LISTERIA	3.2	0.3	-	0.2	0.1	-	0.2	1.5
SALMONELLA	79.9	18.7	10.6	14.5	12.0	11.3	10.5	9.3
SHIGELLA	4.8	8.0	1.0	3.2	4.1	1.4	2.6	0.9
VIBRIO	-	-	-	-	-	0.1	-	0.1
YERSINIA	6.4	0.5	0.4	0.7	0.6	0.8	0.2	0.7

GRAPH1

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Tables 6a through 6e - Cases per 100,000 by Age Distribution by Pathogen by Site

Table 6g: Site = Oregon

Cases per 100,000	Age Specific Strata							
	0 - <1 YR	1 - <10 YRS	10 - <20 YRS	20 - <30 YRS	30 - <40 YRS	40 - <50 YRS	50 - <60 YRS	60+ YRS
Pathogen								
CAMPYLOBACTER	53.9	27.0	12.6	25.0	29.6	24.4	22.7	16.4
CRYPTOSPORIDIUM	-	0.8	-	1.2	1.0	1.3	0.6	0.7
CYCLOSPORA	-	0.3	-	-	-	-	-	-
E. COLI O157	7.0	7.4	2.8	2.4	0.8	0.6	1.7	2.2
LISTERIA	2.3	-	-	-	-	0.6	0.9	1.1
SALMONELLA	65.6	18.1	7.5	12.9	10.2	7.1	6.0	6.0
SHIGELLA	4.7	22.9	3.6	4.6	3.5	2.1	2.8	1.8
VIBRIO	-	-	-	0.2	1.0	0.2	0.6	0.5
YERSINIA	7.0	1.5	0.2	-	0.2	-	0.6	0.4

GRAPH1

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Table 7 - Sex Distribution by Pathogen for All Sites

		Sex		
		M	F	Total
Pathogen				
CAMPYLOBACTER	Cases	2183	1781	3964
	Percent	55.1	44.9	100.0
CRYPTOSPORIDIUM	Cases	269	197	466
	Percent	57.7	42.3	100.0
CYCLOSPORA	Cases	26	23	49
	Percent	53.1	46.9	100.0
E. COLI O157	Cases	162	178	340
	Percent	47.6	52.4	100.0
LISTERIA	Cases	41	36	77
	Percent	53.2	46.8	100.0
SALMONELLA	Cases	1107	1094	2201
	Percent	50.3	49.7	100.0
SHIGELLA	Cases	658	611	1269
	Percent	51.9	48.1	100.0
VIBRIO	Cases	32	19	51
	Percent	62.7	37.3	100.0
YERSINIA	Cases	64	74	138
	Percent	46.4	53.6	100.0
Total	Cases	4542	4013	8555
	Percent	53.1	46.9	100.0

There are 21 cases where sex is unknown.
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 7a through 7e - Sex Distribution by Pathogen by Site

Table 7a: Site = California		Sex		
		M	F	Total
Pathogen				
CAMPYLOBACTER	Cases	588	441	1029
	Percent	57.1	42.9	100.0
CRYPTOSPORIDIUM	Cases	107	50	157
	Percent	68.2	31.8	100.0
CYCLOSPORA	Cases	8	8	16
	Percent	50.0	50.0	100.0
E. COLI O157	Cases	10	9	19
	Percent	52.6	47.4	100.0
LISTERIA	Cases	4	10	14
	Percent	28.6	71.4	100.0
SALMONELLA	Cases	204	162	366
	Percent	55.7	44.3	100.0
SHIGELLA	Cases	196	97	293
	Percent	66.9	33.1	100.0
VIBRIO	Cases	20	11	31
	Percent	64.5	35.5	100.0
YERSINIA	Cases	14	20	34
	Percent	41.2	58.8	100.0
Total	Cases	1151	808	1959
	Percent	58.8	41.2	100.0

There are 12 cases where sex is unknown.
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 7a through 7e - Sex Distribution by Pathogen by Site

Table 7b: Site = Connecticut		Sex		
		M	F	Total
Pathogen				
CAMPYLOBACTER	Cases	273	254	527
	Percent	51.8	48.2	100.0
CRYPTOSPORIDIUM	Cases	25	17	42
	Percent	59.5	40.5	100.0
CYCLOSPORA	Cases	15	14	29
	Percent	51.7	48.3	100.0
E. COLI O157	Cases	20	14	34
	Percent	58.8	41.2	100.0
LISTERIA	Cases	7	5	12
	Percent	58.3	41.7	100.0
SALMONELLA	Cases	213	204	417
	Percent	51.1	48.9	100.0
SHIGELLA	Cases	36	43	79
	Percent	45.6	54.4	100.0
VIBRIO	Cases	2	2	4
	Percent	50.0	50.0	100.0
YERSINIA	Cases	8	7	15
	Percent	53.3	46.7	100.0
Total	Cases	599	560	1159
	Percent	51.7	48.3	100.0

There are no cases where sex is unknown.
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 7a through 7e - Sex Distribution by Pathogen by Site

Table 7c: Site = Georgia		Sex		
		M	F	Total
Pathogen				
CAMPYLOBACTER	Cases	257	241	498
	Percent	51.6	48.4	100.0
E. COLI O157	Cases	4	4	8
	Percent	50.0	50.0	100.0
LISTERIA	Cases	12	8	20
	Percent	60.0	40.0	100.0
SALMONELLA	Cases	252	218	470
	Percent	53.6	46.4	100.0
SHIGELLA	Cases	294	289	583
	Percent	50.4	49.6	100.0
VIBRIO	Cases	1	1	2
	Percent	50.0	50.0	100.0
YERSINIA	Cases	18	25	43
	Percent	41.9	58.1	100.0
Total	Cases	838	786	1624
	Percent	51.6	48.4	100.0

There are 4 cases where sex is unknown.
CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 7a through 7e - Sex Distribution by Pathogen by Site

Table 7e: Site = Minnesota		Sex		
		M	F	Total
Pathogen				
CAMPYLOBACTER	Cases	666	508	1174
	Percent	56.7	43.3	100.0
CRYPTOSPORIDIUM	Cases	126	116	242
	Percent	52.1	47.9	100.0
CYCLOSPORA	Cases	2	1	3
	Percent	66.7	33.3	100.0
E. COLI O157	Cases	88	111	199
	Percent	44.2	55.8	100.0
LISTERIA	Cases	11	7	18
	Percent	61.1	38.9	100.0
SALMONELLA	Cases	296	323	619
	Percent	47.8	52.2	100.0
SHIGELLA	Cases	61	77	138
	Percent	44.2	55.8	100.0
VIBRIO	Cases	0	2	2
	Percent	0	100.0	100.0
YERSINIA	Cases	15	16	31
	Percent	48.4	51.6	100.0
Total	Cases	1265	1161	2426
	Percent	52.1	47.9	100.0

There are 2 cases where sex is unknown.
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Tables 7a through 7e - Sex Distribution by Pathogen by Site

Table 7g: Site = Oregon		Sex		
		M	F	Total
Pathogen				
CAMPYLOBACTER	Cases	399	337	736
	Percent	54.2	45.8	100.0
CRYPTOSPORIDIUM	Cases	11	14	25
	Percent	44.0	56.0	100.0
CYCLOSPORA	Cases	1	0	1
	Percent	100.0	0	100.0
E. COLI O157	Cases	40	40	80
	Percent	50.0	50.0	100.0
LISTERIA	Cases	7	6	13
	Percent	53.8	46.2	100.0
SALMONELLA	Cases	142	187	329
	Percent	43.2	56.8	100.0
SHIGELLA	Cases	71	105	176
	Percent	40.3	59.7	100.0
VIBRIO	Cases	9	3	12
	Percent	75.0	25.0	100.0
YERSINIA	Cases	9	6	15
	Percent	60.0	40.0	100.0
Total	Cases	689	698	1387
	Percent	49.7	50.3	100.0

There are 3 cases where sex is unknown.
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Table 8 - Race by Pathogen for All Sites

		Race Category					
		ASIAN	BLACK	NATIVE AMERICAN	WHITE	UNKNOWN	Total
Pathogen							
CAMPYLOBACTER	Cases	177	142	15	1596	2044	3974
	Percent	4.5	3.6	0.4	40.2	51.4	100.0
CRYPTOSPORIDIUM	Cases	3	31	1	248	185	468
	Percent	0.6	6.6	0.2	53.0	39.5	100.0
CYCLOSPORA	Cases	2	0	0	35	12	49
	Percent	4.1	0	0	71.4	24.5	100.0
E. COLI O157	Cases	6	6	1	227	100	340
	Percent	1.8	1.8	0.3	66.8	29.4	100.0
LISTERIA	Cases	4	13	0	44	16	77
	Percent	5.2	16.9	0	57.1	20.8	100.0
SALMONELLA	Cases	124	221	3	1020	837	2205
	Percent	5.6	10.0	0.1	46.3	38.0	100.0
SHIGELLA	Cases	15	314	7	494	443	1273
	Percent	1.2	24.7	0.5	38.8	34.8	100.0
VIBRIO	Cases	2	2	0	22	25	51
	Percent	3.9	3.9	0	43.1	49.0	100.0
YERSINIA	Cases	13	43	1	31	51	139
	Percent	9.4	30.9	0.7	22.3	36.7	100.0
Total	Cases	346	772	28	3717	3713	8576
	Percent	4.0	9.0	0.3	43.3	43.3	100.0

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Tables 8a through 8e - Race by Pathogen by Site

Table 8a: Site = California		Race Category					
		ASIAN	BLACK	NATIVE AMERICAN	WHITE	UNKNOWN	Total
Pathogen							
CAMPYLOBACTER	Cases	137	64	7	425	403	1036
	Percent	13.2	6.2	0.7	41.0	38.9	100.0
CRYPTOSPORIDIUM	Cases	2	15	-	72	68	157
	Percent	1.3	9.6	-	45.9	43.3	100.0
CYCLOSPORA	Cases	1	-	-	4	11	16
	Percent	6.3	-	-	25.0	68.8	100.0
E. COLI O157	Cases	2	4	-	11	2	19
	Percent	10.5	21.1	-	57.9	10.5	100.0
LISTERIA	Cases	3	3	-	8	-	14
	Percent	21.4	21.4	-	57.1	-	100.0
SALMONELLA	Cases	70	42	-	125	133	370
	Percent	18.9	11.4	-	33.8	35.9	100.0
SHIGELLA	Cases	8	32	1	139	113	293
	Percent	2.7	10.9	0.3	47.4	38.6	100.0
VIBRIO	Cases	1	1	-	15	14	31
	Percent	3.2	3.2	-	48.4	45.2	100.0
YERSINIA	Cases	9	4	-	10	12	35
	Percent	25.7	11.4	-	28.6	34.3	100.0
Total	Cases	233	165	8	809	756	1971
	Percent	11.8	8.4	0.4	41.0	38.4	100.0

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Tables 8a through 8e - Race by Pathogen by Site

Table 8b: Site = Connecticut		Race Category					
		ASIAN	BLACK	NATIVE AMERICAN	WHITE	UNKNOWN	Total
Pathogen							
CAMPYLOBACTER	Cases	7	9	-	151	360	527
	Percent	1.3	1.7	-	28.7	68.3	100.0
CRYPTOSPORIDIUM	Cases	-	9	-	33	-	42
	Percent	-	21.4	-	78.6	-	100.0
CYCLOSPORA	Cases	1	-	-	27	1	29
	Percent	3.4	-	-	93.1	3.4	100.0
E. COLI O157	Cases	1	-	-	31	2	34
	Percent	2.9	-	-	91.2	5.9	100.0
LISTERIA	Cases	-	1	-	7	4	12
	Percent	-	8.3	-	58.3	33.3	100.0
SALMONELLA	Cases	10	28	-	175	204	417
	Percent	2.4	6.7	-	42.0	48.9	100.0
SHIGELLA	Cases	2	9	2	23	43	79
	Percent	2.5	11.4	2.5	29.1	54.4	100.0
VIBRIO	Cases	1	-	-	1	2	4
	Percent	25.0	-	-	25.0	50.0	100.0
YERSINIA	Cases	2	1	-	2	10	15
	Percent	13.3	6.7	-	13.3	66.7	100.0
Total	Cases	24	57	2	450	626	1159
	Percent	2.1	4.9	0.2	38.8	54.0	100.0

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Tables 8a through 8e - Race by Pathogen by Site

Table 8c: Site = Georgia		Race Category					
		ASIAN	BLACK	NATIVE AMERICAN	WHITE	UNKNOWN	Total
Pathogen							
CAMPYLOBACTER	Cases	6	54	-	299	140	499
	Percent	1.2	10.8	-	59.9	28.1	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	-	-
	Percent	-	-	-	-	-	-
CYCLOSPORA	Cases	-	-	-	-	-	-
	Percent	-	-	-	-	-	-
E. COLI O157	Cases	-	1	-	5	2	8
	Percent	-	12.5	-	62.5	25.0	100.0
LISTERIA	Cases	-	8	-	12	-	20
	Percent	-	40.0	-	60.0	-	100.0
SALMONELLA	Cases	10	134	-	232	94	470
	Percent	2.1	28.5	-	49.4	20.0	100.0
SHIGELLA	Cases	4	253	-	174	155	586
	Percent	0.7	43.2	-	29.7	26.5	100.0
VIBRIO	Cases	-	1	-	1	-	2
	Percent	-	50.0	-	50.0	-	100.0
YERSINIA	Cases	1	36	-	4	2	43
	Percent	2.3	83.7	-	9.3	4.7	100.0
Total	Cases	21	487	-	727	393	1628
	Percent	1.3	29.9	-	44.7	24.1	100.0

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Tables 8a through 8e - Race by Pathogen by Site

Table 8e: Site = Minnesota		Race Category					
		ASIAN	BLACK	NATIVE AMERICAN	WHITE	UNKNOWN	Total
Pathogen							
CAMPYLOBACTER	Cases	21	11	6	417	720	1175
	Percent	1.8	0.9	0.5	35.5	61.3	100.0
CRYPTOSPORIDIUM	Cases	1	7	-	124	111	243
	Percent	0.4	2.9	-	51.0	45.7	100.0
CYCLOSPORA	Cases	-	-	-	3	-	3
	Percent	-	-	-	100.0	-	100.0
E. COLI O157	Cases	1	1	1	117	79	199
	Percent	0.5	0.5	0.5	58.8	39.7	100.0
LISTERIA	Cases	-	1	-	10	7	18
	Percent	-	5.6	-	55.6	38.9	100.0
SALMONELLA	Cases	17	14	1	245	342	619
	Percent	2.7	2.3	0.2	39.6	55.3	100.0
SHIGELLA	Cases	1	15	4	42	76	138
	Percent	0.7	10.9	2.9	30.4	55.1	100.0
VIBRIO	Cases	-	-	-	-	2	2
	Percent	-	-	-	-	100.0	100.0
YERSINIA	Cases	-	1	-	6	24	31
	Percent	-	3.2	-	19.4	77.4	100.0
Total	Cases	41	50	12	964	1361	2428
	Percent	1.7	2.1	0.5	39.7	56.1	100.0

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Tables 8a through 8e - Race by Pathogen by Site

Table 8g: Site = Oregon		Race Category					
		ASIAN	BLACK	NATIVE AMERICAN	WHITE	UNKNOWN	Total
Pathogen							
CAMPYLOBACTER	Cases	6	4	2	304	421	737
	Percent	0.8	0.5	0.3	41.2	57.1	100.0
CRYPTOSPORIDIUM	Cases	-	-	1	19	6	26
	Percent	-	-	3.8	73.1	23.1	100.0
CYCLOSPORA	Cases	-	-	-	1	-	1
	Percent	-	-	-	100.0	-	100.0
E. COLI O157	Cases	2	-	-	63	15	80
	Percent	2.5	-	-	78.8	18.8	100.0
LISTERIA	Cases	1	-	-	7	5	13
	Percent	7.7	-	-	53.8	38.5	100.0
SALMONELLA	Cases	17	3	2	243	64	329
	Percent	5.2	0.9	0.6	73.9	19.5	100.0
SHIGELLA	Cases	-	5	-	116	56	177
	Percent	-	2.8	-	65.5	31.6	100.0
VIBRIO	Cases	-	-	-	5	7	12
	Percent	-	-	-	41.7	58.3	100.0
YERSINIA	Cases	1	1	1	9	3	15
	Percent	6.7	6.7	6.7	60.0	20.0	100.0
Total	Cases	27	13	6	767	577	1390
	Percent	1.9	0.9	0.4	55.2	41.5	100.0

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Table 9 - Ethnicity by Pathogen for All Sites

		Ethnicity Category			
		HISPANIC	NON HISPANIC	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	167	1061	2746	3974
	Percent	4.2	26.7	69.1	100.0
CRYPTOSPORIDIUM	Cases	12	187	269	468
	Percent	2.6	40.0	57.5	100.0
CYCLOSPORA	Cases	2	32	15	49
	Percent	4.1	65.3	30.6	100.0
E. COLI O157	Cases	24	152	164	340
	Percent	7.1	44.7	48.2	100.0
LISTERIA	Cases	4	28	45	77
	Percent	5.2	36.4	58.4	100.0
SALMONELLA	Cases	156	729	1320	2205
	Percent	7.1	33.1	59.9	100.0
SHIGELLA	Cases	166	278	829	1273
	Percent	13.0	21.8	65.1	100.0
VIBRIO	Cases	0	23	28	51
	Percent	0	45.1	54.9	100.0
YERSINIA	Cases	1	42	96	139
	Percent	0.7	30.2	69.1	100.0
Total	Cases	532	2532	5512	8576
	Percent	6.2	29.5	64.3	100.0

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Tables 9a through 9e - Ethnicity by Pathogen by Site

Table 9a: Site = California		Ethnicity Category			
		HISPANIC	NON HISPANIC	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	80	517	439	1036
	Percent	7.7	49.9	42.4	100.0
CRYPTOSPORIDIUM	Cases	9	77	71	157
	Percent	5.7	49.0	45.2	100.0
CYCLOSPORA	Cases	-	4	12	16
	Percent	-	25.0	75.0	100.0
E. COLI O157	Cases	6	10	3	19
	Percent	31.6	52.6	15.8	100.0
LISTERIA	Cases	-	14	-	14
	Percent	-	100.0	-	100.0
SALMONELLA	Cases	38	180	152	370
	Percent	10.3	48.6	41.1	100.0
SHIGELLA	Cases	54	121	118	293
	Percent	18.4	41.3	40.3	100.0
VIBRIO	Cases	-	16	15	31
	Percent	-	51.6	48.4	100.0
YERSINIA	Cases	-	22	13	35
	Percent	-	62.9	37.1	100.0
Total	Cases	187	961	823	1971
	Percent	9.5	48.8	41.8	100.0

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Tables 9a through 9e - Ethnicity by Pathogen by Site

Table 9b: Site = Connecticut		Ethnicity Category			
		HISPANIC	NON HISPANIC	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	37	144	346	527
	Percent	7.0	27.3	65.7	100.0
CRYPTOSPORIDIUM	Cases	1	41	-	42
	Percent	2.4	97.6	-	100.0
CYCLOSPORA	Cases	1	27	1	29
	Percent	3.4	93.1	3.4	100.0
E. COLI O157	Cases	2	32	-	34
	Percent	5.9	94.1	-	100.0
LISTERIA	Cases	1	6	5	12
	Percent	8.3	50.0	41.7	100.0
SALMONELLA	Cases	59	177	181	417
	Percent	14.1	42.4	43.4	100.0
SHIGELLA	Cases	16	25	38	79
	Percent	20.3	31.6	48.1	100.0
VIBRIO	Cases	-	2	2	4
	Percent	-	50.0	50.0	100.0
YERSINIA	Cases	-	5	10	15
	Percent	-	33.3	66.7	100.0
Total	Cases	117	459	583	1159
	Percent	10.1	39.6	50.3	100.0

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Tables 9a through 9e - Ethnicity by Pathogen by Site

Table 9c: Site = Georgia		Ethnicity Category			
		HISPANIC	NON HISPANIC	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	6	73	420	499
	Percent	1.2	14.6	84.2	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-
	Percent	-	-	-	-
CYCLOSPORA	Cases	-	-	-	-
	Percent	-	-	-	-
E. COLI O157	Cases	-	1	7	8
	Percent	-	12.5	87.5	100.0
LISTERIA	Cases	-	2	18	20
	Percent	-	10.0	90.0	100.0
SALMONELLA	Cases	13	56	401	470
	Percent	2.8	11.9	85.3	100.0
SHIGELLA	Cases	13	56	517	586
	Percent	2.2	9.6	88.2	100.0
VIBRIO	Cases	-	-	2	2
	Percent	-	-	100.0	100.0
YERSINIA	Cases	-	2	41	43
	Percent	-	4.7	95.3	100.0
Total	Cases	32	190	1406	1628
	Percent	2.0	11.7	86.4	100.0

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Tables 9a through 9e - Ethnicity by Pathogen by Site

Table 9e: Site = Minnesota		Ethnicity Category			
		HISPANIC	NON HISPANIC	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	7	183	985	1175
	Percent	0.6	15.6	83.8	100.0
CRYPTOSPORIDIUM	Cases	2	56	185	243
	Percent	0.8	23.0	76.1	100.0
CYCLOSPORA	Cases	-	1	2	3
	Percent	-	33.3	66.7	100.0
E. COLI O157	Cases	3	65	131	199
	Percent	1.5	32.7	65.8	100.0
LISTERIA	Cases	3	3	12	18
	Percent	16.7	16.7	66.7	100.0
SALMONELLA	Cases	16	117	486	619
	Percent	2.6	18.9	78.5	100.0
SHIGELLA	Cases	7	16	115	138
	Percent	5.1	11.6	83.3	100.0
VIBRIO	Cases	-	-	2	2
	Percent	-	-	100.0	100.0
YERSINIA	Cases	1	4	26	31
	Percent	3.2	12.9	83.9	100.0
Total	Cases	39	445	1944	2428
	Percent	1.6	18.3	80.1	100.0

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Tables 9a through 9e - Ethnicity by Pathogen by Site

Table 9g: Site = Oregon		Ethnicity Category			
		HISPANIC	NON HISPANIC	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	37	144	556	737
	Percent	5.0	19.5	75.4	100.0
CRYPTOSPORIDIUM	Cases	-	13	13	26
	Percent	-	50.0	50.0	100.0
CYCLOSPORA	Cases	1	-	-	1
	Percent	100.0	-	-	100.0
E. COLI O157	Cases	13	44	23	80
	Percent	16.3	55.0	28.8	100.0
LISTERIA	Cases	-	3	10	13
	Percent	-	23.1	76.9	100.0
SALMONELLA	Cases	30	199	100	329
	Percent	9.1	60.5	30.4	100.0
SHIGELLA	Cases	76	60	41	177
	Percent	42.9	33.9	23.2	100.0
VIBRIO	Cases	-	5	7	12
	Percent	-	41.7	58.3	100.0
YERSINIA	Cases	-	9	6	15
	Percent	-	60.0	40.0	100.0
Total	Cases	157	477	756	1390
	Percent	11.3	34.3	54.4	100.0

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Table 10 - Salmonella Serotypes by Site

Cases	Site					
	Ca.	Ct.	Ga.	Mn.	Or.	Total
Serotype						
TYPHIMURIUM	93	114	152	178	109	646
ENTERITIDIS	42	143	23	116	37	361
HEIDELBERG	32	19	33	31	26	141
NEWPORT	9	9	10	41	8	77
MONTEVIDEO	15	7	11	7	27	67
AGONA	10	5	9	14	14	52
BRAENDERUP	4	5	5	28	7	49
INFANTIS	13	3	4	14	8	42
THOMPSON	8	15	5	7	4	39
SAINTPAUL	5	2	4	12	9	32
HADAR	4	8	8	8	3	31
MUENCHEN	5	8	4	11	3	31
ORANIENBURG	4	3	2	5	15	29
TYPHI	13	0	5	6	2	26
JAVIANA	0	5	6	3	4	18
POONA	3	2	2	7	2	16
MISSISSIPPI	0	0	16	0	0	16
STANLEY	3	1	3	6	2	15
JAVA	0	5	6	4	0	15
DERBY	7	0	0	7	0	14
PARATYPHI B	3	3	1	1	6	14
READING	6	1	3	3	0	13
MBANDAKA	0	0	1	10	1	12
LITCHFIELD	0	5	1	5	0	11
BOVISMORBIFICANS	1	0	0	0	9	10
SCHWARZENGRUND	0	4	1	2	3	10
BRANDENBURG	1	2	3	3	0	9

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Table 10 - Salmonella Serotypes by Site

Cases	Site					
	Ca.	Ct.	Ga.	Mn.	Or.	Total
Serotype						
ANATUM	4	0	0	2	2	8
CHOLERAESUIS	2	2	0	4	0	8
SENFTENBERG	5	0	0	2	1	8
PANAMA	1	0	0	4	2	7
SANDIEGO	5	1	0	1	0	7
BAREILLY	1	3	2	0	0	6
HARTFORD	1	2	2	1	0	6
SUNDSVALL	4	0	0	0	2	6
SUBSPECIES IV	0	0	0	3	3	6
BERTA	1	0	1	1	2	5
GIVE	1	0	0	2	2	5
LONDON	2	0	1	2	0	5
MANHATTAN	1	0	1	3	0	5
PARATYPHI A	2	1	0	1	1	5
WELTEVREDEN	2	2	1	0	0	5
MARINA	0	1	4	0	0	5
RUBISLAW	0	1	1	3	0	5
BLOCKLEY	1	3	0	0	0	4
OHIO	2	0	0	0	2	4
4,5,12:i:-	0	0	4	0	0	4
BREDENEY	1	1	1	0	0	3
CERRO	2	1	0	0	0	3
HAVANA	1	1	0	1	0	3
NEWBRUNSWICK	2	0	0	0	1	3
POTSDAM	3	0	0	0	0	3
SINGAPORE	2	0	1	0	0	3
VIRCHOW	0	1	0	2	0	3

(CONTINUED)

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Table 10 - Salmonella Serotypes by Site

Cases	Site					
	Ca.	Ct.	Ga.	Mn.	Or.	Total
Serotype						
GLOSTRUP	0	0	2	1	0	3
IRUMU	0	0	0	2	1	3
MELEAGRIDIS	0	0	0	2	1	3
SUBSPECIES III	0	0	0	2	1	3
ADELAIDE	1	0	0	1	0	2
CHAILEY	1	1	0	0	0	2
DUBLIN	1	0	0	0	1	2
INDIANA	1	0	0	1	0	2
JOHANNESBURG	1	0	0	1	0	2
LIVINGSTONE	2	0	0	0	0	2
RISSEN	2	0	0	0	0	2
CUBANA	0	1	0	1	0	2
DURBAN	0	1	1	0	0	2
EMEK	0	1	0	1	0	2
ALBANY	0	0	1	1	0	2
KIAMBU	0	0	2	0	0	2
HVITTINGFOSS	0	0	0	1	1	2
INVERNESS	0	0	0	2	0	2
URBANA	0	0	0	0	2	2
B:--	1	0	0	0	0	1
B:-:1,2	1	0	0	0	0	1
B:I:-	1	0	0	0	0	1
BARDO	1	0	0	0	0	1
KISARAWE	1	0	0	0	0	1
PERTH	1	0	0	0	0	1
PHOENIX	1	0	0	0	0	1
ROODEPOORT	1	0	0	0	0	1

(CONTINUED)

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Table 10 - Salmonella Serotypes by Site

Cases	Site					
	Ca.	Ct.	Ga.	Mn.	Or.	Total
Serotype						
SINSTORF	1	0	0	0	0	1
ST.PAUL	1	0	0	0	0	1
TILBURG	1	0	0	0	0	1
"O" 9:"H" LV:-	0	1	0	0	0	1
"O"4 "H"I-	0	1	0	0	0	1
"O"6,8 "H"-;1,2	0	1	0	0	0	1
"O"7 "H"-,1,5	0	1	0	0	0	1
44:Z4,Z23:-	0	1	0	0	0	1
ABAETETUBA	0	1	0	0	0	1
IBADAN	0	1	0	0	0	1
LOMALINDA	0	1	0	0	0	1
MIAMI	0	1	0	0	0	1
MUENSTER	0	1	0	0	0	1
OSLO	0	1	0	0	0	1
RICHMOND	0	1	0	0	0	1
1,4,5,12	0	0	1	0	0	1
1,4,5,12:I:-	0	0	1	0	0	1
13,22:G,M,S,T:?	0	0	1	0	0	1
4,12:i:-	0	0	1	0	0	1
4,5,12:B:-SUBSPI	0	0	1	0	0	1
AARHUS	0	0	1	0	0	1
AGOUEVE	0	0	1	0	0	1
COLINDALE	0	0	1	0	0	1
DESSAU	0	0	1	0	0	1
GAMBIA	0	0	1	0	0	1
LUCIANA	0	0	1	0	0	1
OVERSCHIE	0	0	1	0	0	1

(CONTINUED)

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Table 10 - Salmonella Serotypes by Site

Cases	Site					
	Ca.	Ct.	Ga.	Mn.	Or.	Total
Serotype						
WAYCROSS	0	0	1	0	0	1
ALACHUA	0	0	0	1	0	1
ARECHAVALETA	0	0	0	1	0	1
ARIZONAE	0	0	0	1	0	1
AUGUSTENBORG	0	0	0	1	0	1
BANANA	0	0	0	1	0	1
CANNSTATT	0	0	0	1	0	1
EALING	0	0	0	1	0	1
ESCANABA	0	0	0	1	0	1
GAMINARA	0	0	0	1	0	1
KANIFING	0	0	0	1	0	1
KOTTBUS	0	0	0	1	0	1
MONSCHAUI	0	0	0	1	0	1
NORWICH	0	0	0	1	0	1
SEREMBAN	0	0	0	1	0	1
TRACHAU	0	0	0	1	0	1
ABONY	0	0	0	0	1	1
NONMOTILE	0	0	0	0	1	1
NOT SEROTYPED	23	12	114	27	3	179
Total	370	417	470	619	329	2205

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Table 11 - Percent Shigella Species by Site

		Species					Total
		BOYDII	DYSENTERIA	FLEXNERI	SONNEI	UNKNOWN	
Site							
California	Cases	5	5	130	140	13	293
	Percent	1.7	1.7	44.4	47.8	4.4	100.0
Connecticut	Cases	2	1	23	52	1	79
	Percent	2.5	1.3	29.1	65.8	1.3	100.0
Georgia	Cases	-	2	36	499	49	586
	Percent	-	0.3	6.1	85.2	8.4	100.0
Minnesota	Cases	4	2	39	92	1	138
	Percent	2.9	1.4	28.3	66.7	0.7	100.0
Oregon	Cases	4	4	57	109	3	177
	Percent	2.3	2.3	32.2	61.6	1.7	100.0
Total	Cases	15	14	285	892	67	1273
	Percent	1.2	1.1	22.4	70.1	5.3	100.0

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Table 12 - Source of Specimen by Pathogen for All Sites

		Source of Specimen							
		ABSCESS	BLOOD	CSF	ORTHO	OTHER	OTHER STERILE SITE	STOOL	Total
Pathogen									
CAMPYLOBACTER	Cases	1	33	0	0	2	1	3937	3974
	Percent	0.0	0.8	0	0	0.1	0.0	99.1	100.0
CRYPTOSPORIDIUM	Cases	0	0	0	0	9	0	459	468
	Percent	0	0	0	0	1.9	0	98.1	100.0
CYCLOSPORA	Cases	0	0	0	0	1	0	48	49
	Percent	0	0	0	0	2.0	0	98.0	100.0
E. COLI O157	Cases	0	0	0	0	0	0	340	340
	Percent	0	0	0	0	0	0	100.0	100.0
LISTERIA	Cases	2	54	12	1	4	3	1	77
	Percent	2.6	70.1	15.6	1.3	5.2	3.9	1.3	100.0
SALMONELLA	Cases	8	135	0	5	7	9	2041	2205
	Percent	0.4	6.1	0	0.2	0.3	0.4	92.6	100.0
SHIGELLA	Cases	1	7	0	0	4	1	1260	1273
	Percent	0.1	0.5	0	0	0.3	0.1	99.0	100.0
VIBRIO	Cases	1	0	0	0	1	1	48	51
	Percent	2.0	0	0	0	2.0	2.0	94.1	100.0
YERSINIA	Cases	0	4	0	0	0	2	133	139
	Percent	0	2.9	0	0	0	1.4	95.7	100.0
Total	Cases	13	233	12	6	28	17	8267	8576
	Percent	0.2	2.7	0.1	0.1	0.3	0.2	96.4	100.0

CDC's Emerging Infections Program (FoodNet)
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Tables 12a through 12e - Source of Specimen by Pathogen by Site

Table 12a: Site = California		Source of Specimen							
		ABSCESS	BLOOD	CSF	ORTHO	OTHER	OTHER STERILE SITE	STOOL	Total
Pathogen									
CAMPYLOBACTER	Cases	1	10	-	-	-	-	1025	1036
	Percent	0.1	1.0	-	-	-	-	98.9	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	4	-	153	157
	Percent	-	-	-	-	2.5	-	97.5	100.0
CYCLOSPORA	Cases	-	-	-	-	1	-	15	16
	Percent	-	-	-	-	6.3	-	93.8	100.0
E. COLI O157	Cases	-	-	-	-	-	-	19	19
	Percent	-	-	-	-	-	-	100.0	100.0
LISTERIA	Cases	-	11	2	-	1	-	-	14
	Percent	-	78.6	14.3	-	7.1	-	-	100.0
SALMONELLA	Cases	1	40	-	1	3	1	324	370
	Percent	0.3	10.8	-	0.3	0.8	0.3	87.6	100.0
SHIGELLA	Cases	1	3	-	-	-	-	289	293
	Percent	0.3	1.0	-	-	-	-	98.6	100.0
VIBRIO	Cases	1	-	-	-	1	-	29	31
	Percent	3.2	-	-	-	3.2	-	93.5	100.0
YERSINIA	Cases	-	-	-	-	-	-	35	35
	Percent	-	-	-	-	-	-	100.0	100.0
Total	Cases	4	64	2	1	10	1	1889	1971
	Percent	0.2	3.2	0.1	0.1	0.5	0.1	95.8	100.0

CDC's Emerging Infections Program (FoodNet)
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Tables 12a through 12e - Source of Specimen by Pathogen by Site

Table 12b: Site = Connecticut		Source of Specimen							
		ABSCESS	BLOOD	CSF	ORTHO	OTHER	OTHER STERILE SITE	STOOL	Total
Pathogen									
CAMPYLOBACTER	Cases	-	6	-	-	-	-	521	527
	Percent	-	1.1	-	-	-	-	98.9	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	1	-	41	42
	Percent	-	-	-	-	2.4	-	97.6	100.0
CYCLOSPORA	Cases	-	-	-	-	-	-	29	29
	Percent	-	-	-	-	-	-	100.0	100.0
E. COLI O157	Cases	-	-	-	-	-	-	34	34
	Percent	-	-	-	-	-	-	100.0	100.0
LISTERIA	Cases	1	10	1	-	-	-	-	12
	Percent	8.3	83.3	8.3	-	-	-	-	100.0
SALMONELLA	Cases	3	25	-	-	-	4	385	417
	Percent	0.7	6.0	-	-	-	1.0	92.3	100.0
SHIGELLA	Cases	-	-	-	-	1	-	78	79
	Percent	-	-	-	-	1.3	-	98.7	100.0
VIBRIO	Cases	-	-	-	-	-	1	3	4
	Percent	-	-	-	-	-	25.0	75.0	100.0
YERSINIA	Cases	-	1	-	-	-	1	13	15
	Percent	-	6.7	-	-	-	6.7	86.7	100.0
Total	Cases	4	42	1	-	2	6	1104	1159
	Percent	0.3	3.6	0.1	-	0.2	0.5	95.3	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 12a through 12e - Source of Specimen by Pathogen by Site

Table 12c: Site = Georgia		Source of Specimen							
		ABSCESS	BLOOD	CSF	ORTHO	OTHER	OTHER STERILE SITE	STOOL	Total
Pathogen									
CAMPYLOBACTER	Cases	-	9	-	-	-	-	490	499
	Percent	-	1.8	-	-	-	-	98.2	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-
CYCLOSPORA	Cases	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-
E. COLI O157	Cases	-	-	-	-	-	-	8	8
	Percent	-	-	-	-	-	-	100.0	100.0
LISTERIA	Cases	-	14	2	1	-	3	-	20
	Percent	-	70.0	10.0	5.0	-	15.0	-	100.0
SALMONELLA	Cases	1	40	-	2	1	1	425	470
	Percent	0.2	8.5	-	0.4	0.2	0.2	90.4	100.0
SHIGELLA	Cases	-	2	-	-	-	1	583	586
	Percent	-	0.3	-	-	-	0.2	99.5	100.0
VIBRIO	Cases	-	-	-	-	-	-	2	2
	Percent	-	-	-	-	-	-	100.0	100.0
YERSINIA	Cases	-	3	-	-	-	-	40	43
	Percent	-	7.0	-	-	-	-	93.0	100.0
Total	Cases	1	68	2	3	1	5	1548	1628
	Percent	0.1	4.2	0.1	0.2	0.1	0.3	95.1	100.0

CDC's Emerging Infections Program (FoodNet)
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Tables 12a through 12e - Source of Specimen by Pathogen by Site

Table 12e: Site = Minnesota		Source of Specimen							
		ABSCESS	BLOOD	CSF	ORTHO	OTHER	OTHER STERILE SITE	STOOL	Total
Pathogen									
CAMPYLOBACTER	Cases	-	3	-	-	2	-	1170	1175
	Percent	-	0.3	-	-	0.2	-	99.6	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	3	-	240	243
	Percent	-	-	-	-	1.2	-	98.8	100.0
CYCLOSPORA	Cases	-	-	-	-	-	-	3	3
	Percent	-	-	-	-	-	-	100.0	100.0
E. COLI O157	Cases	-	-	-	-	-	-	199	199
	Percent	-	-	-	-	-	-	100.0	100.0
LISTERIA	Cases	-	13	2	-	2	-	1	18
	Percent	-	72.2	11.1	-	11.1	-	5.6	100.0
SALMONELLA	Cases	3	14	-	1	1	1	599	619
	Percent	0.5	2.3	-	0.2	0.2	0.2	96.8	100.0
SHIGELLA	Cases	-	-	-	-	1	-	137	138
	Percent	-	-	-	-	0.7	-	99.3	100.0
VIBRIO	Cases	-	-	-	-	-	-	2	2
	Percent	-	-	-	-	-	-	100.0	100.0
YERSINIA	Cases	-	-	-	-	-	-	31	31
	Percent	-	-	-	-	-	-	100.0	100.0
Total	Cases	3	30	2	1	9	1	2382	2428
	Percent	0.1	1.2	0.1	0.0	0.4	0.0	98.1	100.0

CDC's Emerging Infections Program (FoodNet)
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Tables 12a through 12e - Source of Specimen by Pathogen by Site

Table 12g: Site = Oregon		Source of Specimen							
		ABSCESS	BLOOD	CSF	ORTHO	OTHER	OTHER STERILE SITE	STOOL	Total
Pathogen									
CAMPYLOBACTER	Cases	-	5	-	-	-	1	731	737
	Percent	-	0.7	-	-	-	0.1	99.2	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-	1	-	25	26
	Percent	-	-	-	-	3.8	-	96.2	100.0
CYCLOSPORA	Cases	-	-	-	-	-	-	1	1
	Percent	-	-	-	-	-	-	100.0	100.0
E. COLI O157	Cases	-	-	-	-	-	-	80	80
	Percent	-	-	-	-	-	-	100.0	100.0
LISTERIA	Cases	1	6	5	-	1	-	-	13
	Percent	7.7	46.2	38.5	-	7.7	-	-	100.0
SALMONELLA	Cases	-	16	-	1	2	2	308	329
	Percent	-	4.9	-	0.3	0.6	0.6	93.6	100.0
SHIGELLA	Cases	-	2	-	-	2	-	173	177
	Percent	-	1.1	-	-	1.1	-	97.7	100.0
VIBRIO	Cases	-	-	-	-	-	-	12	12
	Percent	-	-	-	-	-	-	100.0	100.0
YERSINIA	Cases	-	-	-	-	-	1	14	15
	Percent	-	-	-	-	-	6.7	93.3	100.0
Total	Cases	1	29	5	1	6	4	1344	1390
	Percent	0.1	2.1	0.4	0.1	0.4	0.3	96.7	100.0

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Table 13 - Patient Status by Pathogen for All Sites

		Patient Status			
		OUTPATIENT	HOSPITALIZED	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	3443	380	151	3974
	Percent	86.6	9.6	3.8	100.0
CRYPTOSPORIDIUM	Cases	328	81	59	468
	Percent	70.1	17.3	12.6	100.0
CYCLOSPORA	Cases	46	1	2	49
	Percent	93.9	2.0	4.1	100.0
E. COLI O157	Cases	241	97	2	340
	Percent	70.9	28.5	0.6	100.0
LISTERIA	Cases	8	68	1	77
	Percent	10.4	88.3	1.3	100.0
SALMONELLA	Cases	1675	456	74	2205
	Percent	76.0	20.7	3.4	100.0
SHIGELLA	Cases	1050	166	57	1273
	Percent	82.5	13.0	4.5	100.0
VIBRIO	Cases	45	5	1	51
	Percent	88.2	9.8	2.0	100.0
YERSINIA	Cases	117	21	1	139
	Percent	84.2	15.1	0.7	100.0
Total	Cases	6953	1275	348	8576
	Percent	81.1	14.9	4.1	100.0

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Tables 13a through 13e - Patient Status by Pathogen by Site

Table 13a: Site = California		Patient Status			
		OUTPATIENT	HOSPITALIZED	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	850	79	107	1036
	Percent	82.0	7.6	10.3	100.0
CRYPTOSPORIDIUM	Cases	91	7	59	157
	Percent	58.0	4.5	37.6	100.0
CYCLOSPORA	Cases	14	-	2	16
	Percent	87.5	-	12.5	100.0
E. COLI O157	Cases	15	4	-	19
	Percent	78.9	21.1	-	100.0
LISTERIA	Cases	1	13	-	14
	Percent	7.1	92.9	-	100.0
SALMONELLA	Cases	293	65	12	370
	Percent	79.2	17.6	3.2	100.0
SHIGELLA	Cases	254	33	6	293
	Percent	86.7	11.3	2.0	100.0
VIBRIO	Cases	29	1	1	31
	Percent	93.5	3.2	3.2	100.0
YERSINIA	Cases	30	4	1	35
	Percent	85.7	11.4	2.9	100.0
Total	Cases	1577	206	188	1971
	Percent	80.0	10.5	9.5	100.0

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Tables 13a through 13e - Patient Status by Pathogen by Site

Table 13b: Site = Connecticut		Patient Status			
		OUTPATIENT	HOSPITALIZED	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	457	58	12	527
	Percent	86.7	11.0	2.3	100.0
CRYPTOSPORIDIUM	Cases	29	13	-	42
	Percent	69.0	31.0	-	100.0
CYCLOSPORA	Cases	28	1	-	29
	Percent	96.6	3.4	-	100.0
E. COLI O157	Cases	28	6	-	34
	Percent	82.4	17.6	-	100.0
LISTERIA	Cases	2	9	1	12
	Percent	16.7	75.0	8.3	100.0
SALMONELLA	Cases	308	89	20	417
	Percent	73.9	21.3	4.8	100.0
SHIGELLA	Cases	64	14	1	79
	Percent	81.0	17.7	1.3	100.0
VIBRIO	Cases	2	2	-	4
	Percent	50.0	50.0	-	100.0
YERSINIA	Cases	11	4	-	15
	Percent	73.3	26.7	-	100.0
Total	Cases	929	196	34	1159
	Percent	80.2	16.9	2.9	100.0

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Tables 13a through 13e - Patient Status by Pathogen by Site

Table 13c: Site = Georgia		Patient Status			
		OUTPATIENT	HOSPITALIZED	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	397	73	29	499
	Percent	79.6	14.6	5.8	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-
	Percent	-	-	-	-
CYCLOSPORA	Cases	-	-	-	-
	Percent	-	-	-	-
E. COLI O157	Cases	2	4	2	8
	Percent	25.0	50.0	25.0	100.0
LISTERIA	Cases	2	18	-	20
	Percent	10.0	90.0	-	100.0
SALMONELLA	Cases	327	125	18	470
	Percent	69.6	26.6	3.8	100.0
SHIGELLA	Cases	469	80	37	586
	Percent	80.0	13.7	6.3	100.0
VIBRIO	Cases	2	-	-	2
	Percent	100.0	-	-	100.0
YERSINIA	Cases	35	8	-	43
	Percent	81.4	18.6	-	100.0
Total	Cases	1234	308	86	1628
	Percent	75.8	18.9	5.3	100.0

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Tables 13a through 13e - Patient Status by Pathogen by Site

Table 13e: Site = Minnesota		Patient Status			
		OUTPATIENT	HOSPITALIZED	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	1052	121	2	1175
	Percent	89.5	10.3	0.2	100.0
CRYPTOSPORIDIUM	Cases	189	54	-	243
	Percent	77.8	22.2	-	100.0
CYCLOSPORA	Cases	3	-	-	3
	Percent	100.0	-	-	100.0
E. COLI O157	Cases	144	55	-	199
	Percent	72.4	27.6	-	100.0
LISTERIA	Cases	1	17	-	18
	Percent	5.6	94.4	-	100.0
SALMONELLA	Cases	507	112	-	619
	Percent	81.9	18.1	-	100.0
SHIGELLA	Cases	118	20	-	138
	Percent	85.5	14.5	-	100.0
VIBRIO	Cases	2	-	-	2
	Percent	100.0	-	-	100.0
YERSINIA	Cases	27	4	-	31
	Percent	87.1	12.9	-	100.0
Total	Cases	2043	383	2	2428
	Percent	84.1	15.8	0.1	100.0

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Tables 13a through 13e - Patient Status by Pathogen by Site

Table 13g: Site = Oregon		Patient Status			
		OUTPATIENT	HOSPITALIZED	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	687	49	1	737
	Percent	93.2	6.6	0.1	100.0
CRYPTOSPORIDIUM	Cases	19	7	-	26
	Percent	73.1	26.9	-	100.0
CYCLOSPORA	Cases	1	-	-	1
	Percent	100.0	-	-	100.0
E. COLI O157	Cases	52	28	-	80
	Percent	65.0	35.0	-	100.0
LISTERIA	Cases	2	11	-	13
	Percent	15.4	84.6	-	100.0
SALMONELLA	Cases	240	65	24	329
	Percent	72.9	19.8	7.3	100.0
SHIGELLA	Cases	145	19	13	177
	Percent	81.9	10.7	7.3	100.0
VIBRIO	Cases	10	2	-	12
	Percent	83.3	16.7	-	100.0
YERSINIA	Cases	14	1	-	15
	Percent	93.3	6.7	-	100.0
Total	Cases	1170	182	38	1390
	Percent	84.2	13.1	2.7	100.0

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Table 14 - Patient Outcome by Pathogen for All Sites

		Patient Outcome			
		ALIVE	DEAD	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	3079	1	894	3974
	Percent	77.5	0.0	22.5	100.0
CRYPTOSPORIDIUM	Cases	384	2	82	468
	Percent	82.1	0.4	17.5	100.0
CYCLOSPORA	Cases	41	0	8	49
	Percent	83.7	0	16.3	100.0
E. COLI O157	Cases	331	4	5	340
	Percent	97.4	1.2	1.5	100.0
LISTERIA	Cases	60	15	2	77
	Percent	77.9	19.5	2.6	100.0
SALMONELLA	Cases	1865	13	327	2205
	Percent	84.6	0.6	14.8	100.0
SHIGELLA	Cases	1016	1	256	1273
	Percent	79.8	0.1	20.1	100.0
VIBRIO	Cases	29	0	22	51
	Percent	56.9	0	43.1	100.0
YERSINIA	Cases	115	0	24	139
	Percent	82.7	0	17.3	100.0
Total	Cases	6920	36	1620	8576
	Percent	80.7	0.4	18.9	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 14a through 14e - Patient Outcome by Pathogen by Site

Table 14a: Site = California		Patient Outcome			Total
		ALIVE	DEAD	UNKNOWN	
Pathogen					
CAMPYLOBACTER	Cases	458	-	578	1036
	Percent	44.2	-	55.8	100.0
CRYPTOSPORIDIUM	Cases	74	1	82	157
	Percent	47.1	0.6	52.2	100.0
CYCLOSPORA	Cases	8	-	8	16
	Percent	50.0	-	50.0	100.0
E. COLI O157	Cases	17	1	1	19
	Percent	89.5	5.3	5.3	100.0
LISTERIA	Cases	11	3	-	14
	Percent	78.6	21.4	-	100.0
SALMONELLA	Cases	195	4	171	370
	Percent	52.7	1.1	46.2	100.0
SHIGELLA	Cases	134	-	159	293
	Percent	45.7	-	54.3	100.0
VIBRIO	Cases	9	-	22	31
	Percent	29.0	-	71.0	100.0
YERSINIA	Cases	14	-	21	35
	Percent	40.0	-	60.0	100.0
Total	Cases	920	9	1042	1971
	Percent	46.7	0.5	52.9	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 14a through 14e - Patient Outcome by Pathogen by Site

Table 14b: Site = Connecticut		Patient Outcome			
		ALIVE	DEAD	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	300	-	227	527
	Percent	56.9	-	43.1	100.0
CRYPTOSPORIDIUM	Cases	41	1	-	42
	Percent	97.6	2.4	-	100.0
CYCLOSPORA	Cases	29	-	-	29
	Percent	100.0	-	-	100.0
E. COLI O157	Cases	34	-	-	34
	Percent	100.0	-	-	100.0
LISTERIA	Cases	6	4	2	12
	Percent	50.0	33.3	16.7	100.0
SALMONELLA	Cases	307	-	110	417
	Percent	73.6	-	26.4	100.0
SHIGELLA	Cases	50	-	29	79
	Percent	63.3	-	36.7	100.0
VIBRIO	Cases	4	-	-	4
	Percent	100.0	-	-	100.0
YERSINIA	Cases	13	-	2	15
	Percent	86.7	-	13.3	100.0
Total	Cases	784	5	370	1159
	Percent	67.6	0.4	31.9	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 14a through 14e - Patient Outcome by Pathogen by Site

Table 14c: Site = Georgia		Patient Outcome			
		ALIVE	DEAD	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	439	-	60	499
	Percent	88.0	-	12.0	100.0
CRYPTOSPORIDIUM	Cases	-	-	-	-
	Percent	-	-	-	-
CYCLOSPORA	Cases	-	-	-	-
	Percent	-	-	-	-
E. COLI O157	Cases	7	-	1	8
	Percent	87.5	-	12.5	100.0
LISTERIA	Cases	17	3	-	20
	Percent	85.0	15.0	-	100.0
SALMONELLA	Cases	436	6	28	470
	Percent	92.8	1.3	6.0	100.0
SHIGELLA	Cases	530	1	55	586
	Percent	90.4	0.2	9.4	100.0
VIBRIO	Cases	2	-	-	2
	Percent	100.0	-	-	100.0
YERSINIA	Cases	43	-	-	43
	Percent	100.0	-	-	100.0
Total	Cases	1474	10	144	1628
	Percent	90.5	0.6	8.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 14a through 14e - Patient Outcome by Pathogen by Site

Table 14e: Site = Minnesota		Patient Outcome			
		ALIVE	DEAD	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	1171	-	4	1175
	Percent	99.7	-	0.3	100.0
CRYPTOSPORIDIUM	Cases	243	-	-	243
	Percent	100.0	-	-	100.0
CYCLOSPORA	Cases	3	-	-	3
	Percent	100.0	-	-	100.0
E. COLI O157	Cases	198	1	-	199
	Percent	99.5	0.5	-	100.0
LISTERIA	Cases	14	4	-	18
	Percent	77.8	22.2	-	100.0
SALMONELLA	Cases	617	1	1	619
	Percent	99.7	0.2	0.2	100.0
SHIGELLA	Cases	138	-	-	138
	Percent	100.0	-	-	100.0
VIBRIO	Cases	2	-	-	2
	Percent	100.0	-	-	100.0
YERSINIA	Cases	30	-	1	31
	Percent	96.8	-	3.2	100.0
Total	Cases	2416	6	6	2428
	Percent	99.5	0.2	0.2	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 14a through 14e - Patient Outcome by Pathogen by Site

Table 14g: Site = Oregon		Patient Outcome			
		ALIVE	DEAD	UNKNOWN	Total
Pathogen					
CAMPYLOBACTER	Cases	711	1	25	737
	Percent	96.5	0.1	3.4	100.0
CRYPTOSPORIDIUM	Cases	26	-	-	26
	Percent	100.0	-	-	100.0
CYCLOSPORA	Cases	1	-	-	1
	Percent	100.0	-	-	100.0
E. COLI O157	Cases	75	2	3	80
	Percent	93.8	2.5	3.8	100.0
LISTERIA	Cases	12	1	-	13
	Percent	92.3	7.7	-	100.0
SALMONELLA	Cases	310	2	17	329
	Percent	94.2	0.6	5.2	100.0
SHIGELLA	Cases	164	-	13	177
	Percent	92.7	-	7.3	100.0
VIBRIO	Cases	12	-	-	12
	Percent	100.0	-	-	100.0
YERSINIA	Cases	15	-	-	15
	Percent	100.0	-	-	100.0
Total	Cases	1326	6	58	1390
	Percent	95.4	0.4	4.2	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Table 15 - Age Distribution for Invasive Specimens for All Sites

		Age Specific Strata								
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen										
CAMPYLOBACTER	Cases	2	2	1	5	11	4	2	6	33
	Percent	6.1	6.1	3.0	15.2	33.3	12.1	6.1	18.2	100.0
LISTERIA	Cases	5	2	1	3	4	5	9	38	67
	Percent	7.5	3.0	1.5	4.5	6.0	7.5	13.4	56.7	100.0
SALMONELLA	Cases	15	24	8	9	27	17	5	35	140
	Percent	10.7	17.1	5.7	6.4	19.3	12.1	3.6	25.0	100.0
SHIGELLA	Cases	0	1	0	1	1	4	0	0	7
	Percent	0	14.3	0	14.3	14.3	57.1	0	0	100.0
YERSINIA	Cases	3	1	0	0	0	0	0	0	4
	Percent	75.0	25.0	0	0	0	0	0	0	100.0
Total	Cases	25	30	10	18	43	30	16	79	251
	Percent	10.0	12.0	4.0	7.2	17.1	12.0	6.4	31.5	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 15a through 15e - Age Distribution for Invasive Specimens by Site

Table 15a: Site = California		Age Specific Strata								
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen										
CAMPYLOBACTER	Cases	1	1	-	1	3	1	-	3	10
	Percent	10.0	10.0	-	10.0	30.0	10.0	-	30.0	100.0
LISTERIA	Cases	1	-	-	-	1	-	2	9	13
	Percent	7.7	-	-	-	7.7	-	15.4	69.2	100.0
SALMONELLA	Cases	5	5	3	1	8	8	1	10	41
	Percent	12.2	12.2	7.3	2.4	19.5	19.5	2.4	24.4	100.0
SHIGELLA	Cases	-	-	-	-	1	2	-	-	3
	Percent	-	-	-	-	33.3	66.7	-	-	100.0
YERSINIA	Cases	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-
Total	Cases	7	6	3	2	13	11	3	22	67
	Percent	10.4	9.0	4.5	3.0	19.4	16.4	4.5	32.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 15a through 15e - Age Distribution for Invasive Specimens by Site

Table 15b: Site = Connecticut		Age Specific Strata								
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen										
CAMPYLOBACTER	Cases	-	1	-	-	4	-	-	1	6
	Percent	-	16.7	-	-	66.7	-	-	16.7	100.0
LISTERIA	Cases	-	-	1	1	-	1	1	7	11
	Percent	-	-	9.1	9.1	-	9.1	9.1	63.6	100.0
SALMONELLA	Cases	1	4	-	-	5	2	-	13	25
	Percent	4.0	16.0	-	-	20.0	8.0	-	52.0	100.0
SHIGELLA	Cases	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-
YERSINIA	Cases	-	1	-	-	-	-	-	-	1
	Percent	-	100.0	-	-	-	-	-	-	100.0
Total	Cases	1	6	1	1	9	3	1	21	43
	Percent	2.3	14.0	2.3	2.3	20.9	7.0	2.3	48.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 15a through 15e - Age Distribution for Invasive Specimens by Site

Table 15c: Site = Georgia		Age Specific Strata								
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen										
CAMPYLOBACTER	Cases	-	-	1	2	3	2	1	-	9
	Percent	-	-	11.1	22.2	33.3	22.2	11.1	-	100.0
LISTERIA	Cases	1	-	-	1	3	2	2	8	17
	Percent	5.9	-	-	5.9	17.6	11.8	11.8	47.1	100.0
SALMONELLA	Cases	5	12	4	1	11	2	2	5	42
	Percent	11.9	28.6	9.5	2.4	26.2	4.8	4.8	11.9	100.0
SHIGELLA	Cases	-	-	-	1	-	1	-	-	2
	Percent	-	-	-	50.0	-	50.0	-	-	100.0
YERSINIA	Cases	3	-	-	-	-	-	-	-	3
	Percent	100.0	-	-	-	-	-	-	-	100.0
Total	Cases	9	12	5	5	17	7	5	13	73
	Percent	12.3	16.4	6.8	6.8	23.3	9.6	6.8	17.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 15a through 15e - Age Distribution for Invasive Specimens by Site

Table 15e: Site = Minnesota		Age Specific Strata								
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen										
CAMPYLOBACTER	Cases	1	-	-	1	-	1	-	-	3
	Percent	33.3	-	-	33.3	-	33.3	-	-	100.0
LISTERIA	Cases	2	2	-	1	-	-	1	9	15
	Percent	13.3	13.3	-	6.7	-	-	6.7	60.0	100.0
SALMONELLA	Cases	3	2	1	3	1	3	-	2	15
	Percent	20.0	13.3	6.7	20.0	6.7	20.0	-	13.3	100.0
SHIGELLA	Cases	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-
YERSINIA	Cases	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-
Total	Cases	6	4	1	5	1	4	1	11	33
	Percent	18.2	12.1	3.0	15.2	3.0	12.1	3.0	33.3	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 15a through 15e - Age Distribution for Invasive Specimens by Site

Table 15g: Site = Oregon		Age Specific Strata								
		0-<1 YR	1-<10 YRS	10-<20 YRS	20-<30 YRS	30-<40 YRS	40-<50 YRS	50-<60 YRS	60+ YRS	Total
Pathogen										
CAMPYLOBACTER	Cases	-	-	-	1	1	-	1	2	5
	Percent	-	-	-	20.0	20.0	-	20.0	40.0	100.0
LISTERIA	Cases	1	-	-	-	-	2	3	5	11
	Percent	9.1	-	-	-	-	18.2	27.3	45.5	100.0
SALMONELLA	Cases	1	1	-	4	2	2	2	5	17
	Percent	5.9	5.9	-	23.5	11.8	11.8	11.8	29.4	100.0
SHIGELLA	Cases	-	1	-	-	-	1	-	-	2
	Percent	-	50.0	-	-	-	50.0	-	-	100.0
YERSINIA	Cases	-	-	-	-	-	-	-	-	-
	Percent	-	-	-	-	-	-	-	-	-
Total	Cases	2	2	-	5	3	5	6	12	35
	Percent	5.7	5.7	-	14.3	8.6	14.3	17.1	34.3	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Table 16 - Sex Distribution for Invasive Specimens for All Sites

		Sex		
		F	M	Total
Pathogen				
CAMPYLOBACTER	Cases	11	22	33
	Percent	33.3	66.7	100.0
LISTERIA	Cases	32	35	67
	Percent	47.8	52.2	100.0
SALMONELLA	Cases	57	83	140
	Percent	40.7	59.3	100.0
SHIGELLA	Cases	2	5	7
	Percent	28.6	71.4	100.0
YERSINIA	Cases	4	0	4
	Percent	100.0	0	100.0
Total	Cases	106	145	251
	Percent	42.2	57.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 16a through 16e - Sex Distribution for Invasive Specimens by Site

Table 16a: Site = California		Sex		
		F	M	Total
Pathogen				
CAMPYLOBACTER	Cases	4	6	10
	Percent	40.0	60.0	100.0
LISTERIA	Cases	9	4	13
	Percent	69.2	30.8	100.0
SALMONELLA	Cases	14	27	41
	Percent	34.1	65.9	100.0
SHIGELLA	Cases	-	3	3
	Percent	-	100.0	100.0
YERSINIA	Cases	-	-	-
	Percent	-	-	-
Total	Cases	27	40	67
	Percent	40.3	59.7	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 16a through 16e - Sex Distribution for Invasive Specimens by Site

Table 16b: Site = Connecticut		Sex		
		F	M	Total
Pathogen				
CAMPYLOBACTER	Cases	4	2	6
	Percent	66.7	33.3	100.0
LISTERIA	Cases	5	6	11
	Percent	45.5	54.5	100.0
SALMONELLA	Cases	13	12	25
	Percent	52.0	48.0	100.0
SHIGELLA	Cases	-	-	-
	Percent	-	-	-
YERSINIA	Cases	1	-	1
	Percent	100.0	-	100.0
Total	Cases	23	20	43
	Percent	53.5	46.5	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 16a through 16e - Sex Distribution for Invasive Specimens by Site

Table 16c: Site = Georgia		Sex		
		F	M	Total
Pathogen				
CAMPYLOBACTER	Cases	1	8	9
	Percent	11.1	88.9	100.0
LISTERIA	Cases	7	10	17
	Percent	41.2	58.8	100.0
SALMONELLA	Cases	21	21	42
	Percent	50.0	50.0	100.0
SHIGELLA	Cases	1	1	2
	Percent	50.0	50.0	100.0
YERSINIA	Cases	3	-	3
	Percent	100.0	-	100.0
Total	Cases	33	40	73
	Percent	45.2	54.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 16a through 16e - Sex Distribution for Invasive Specimens by Site

Table 16e: Site = Minnesota		Sex		
		F	M	Total
Pathogen				
CAMPYLOBACTER	Cases	1	2	3
	Percent	33.3	66.7	100.0
LISTERIA	Cases	5	10	15
	Percent	33.3	66.7	100.0
SALMONELLA	Cases	2	13	15
	Percent	13.3	86.7	100.0
SHIGELLA	Cases	-	-	-
	Percent	-	-	-
YERSINIA	Cases	-	-	-
	Percent	-	-	-
Total	Cases	8	25	33
	Percent	24.2	75.8	100.0

CDC's Emerging Infections Program (FoodNet)
FoodNet 1997 Final Report
Tables 16a through 16e - Sex Distribution for Invasive Specimens by Site

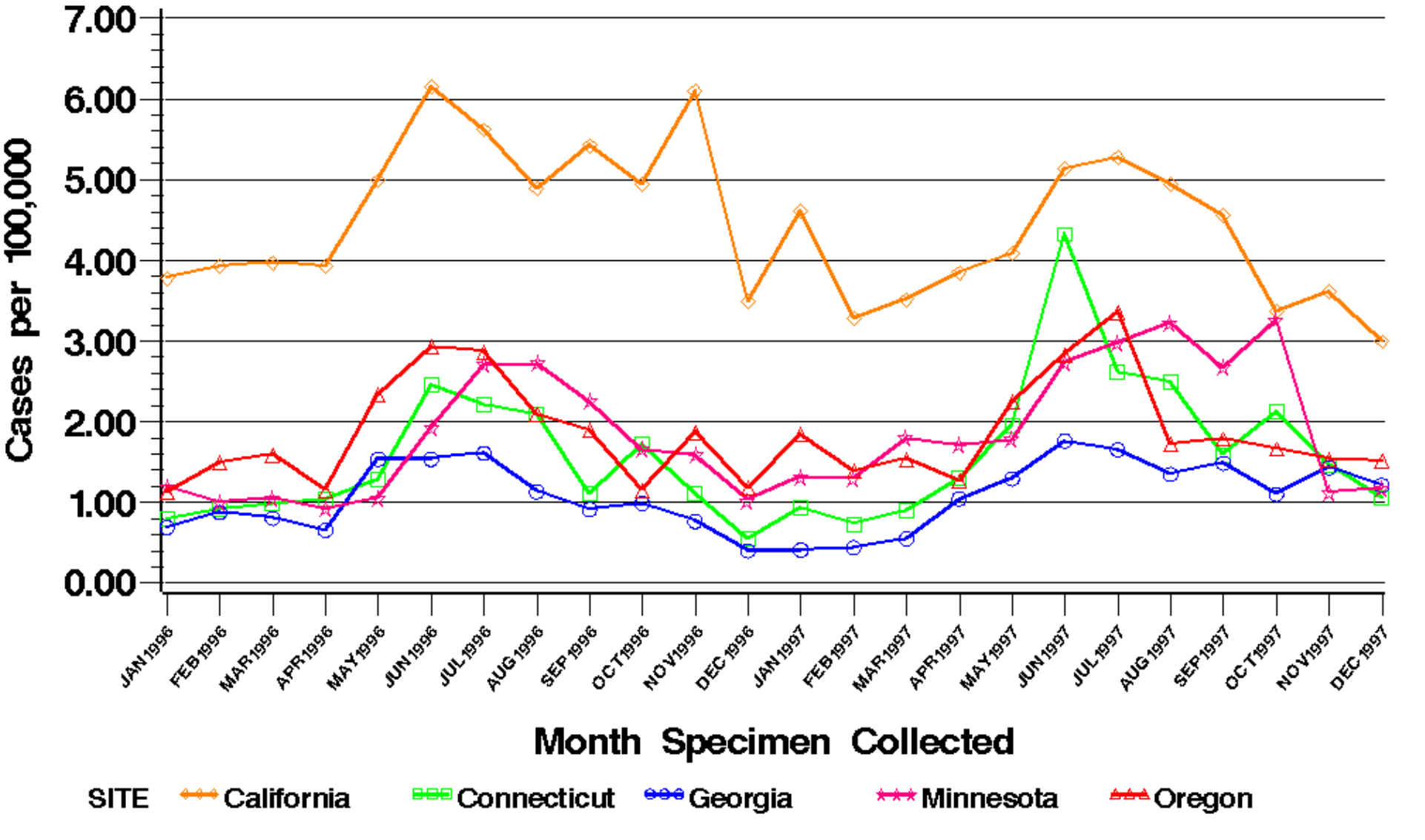
Table 16g: Site = Oregon		Sex		
		F	M	Total
Pathogen				
CAMPYLOBACTER	Cases	1	4	5
	Percent	20.0	80.0	100.0
LISTERIA	Cases	6	5	11
	Percent	54.5	45.5	100.0
SALMONELLA	Cases	7	10	17
	Percent	41.2	58.8	100.0
SHIGELLA	Cases	1	1	2
	Percent	50.0	50.0	100.0
YERSINIA	Cases	-	-	-
	Percent	-	-	-
Total	Cases	15	20	35
	Percent	42.9	57.1	100.0

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = CAMPYLOBACTER



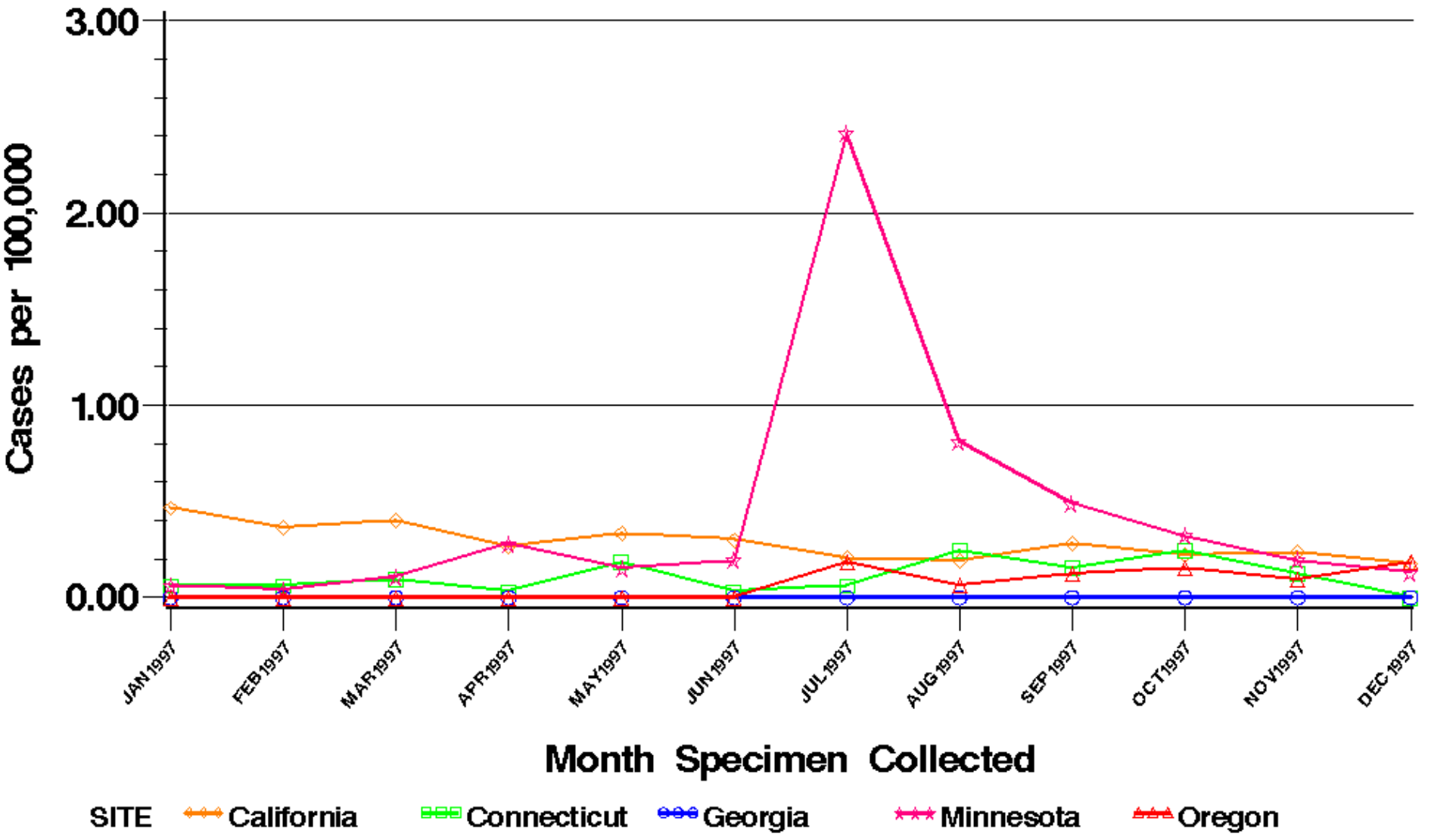
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = CRYPTOSPORIDIUM



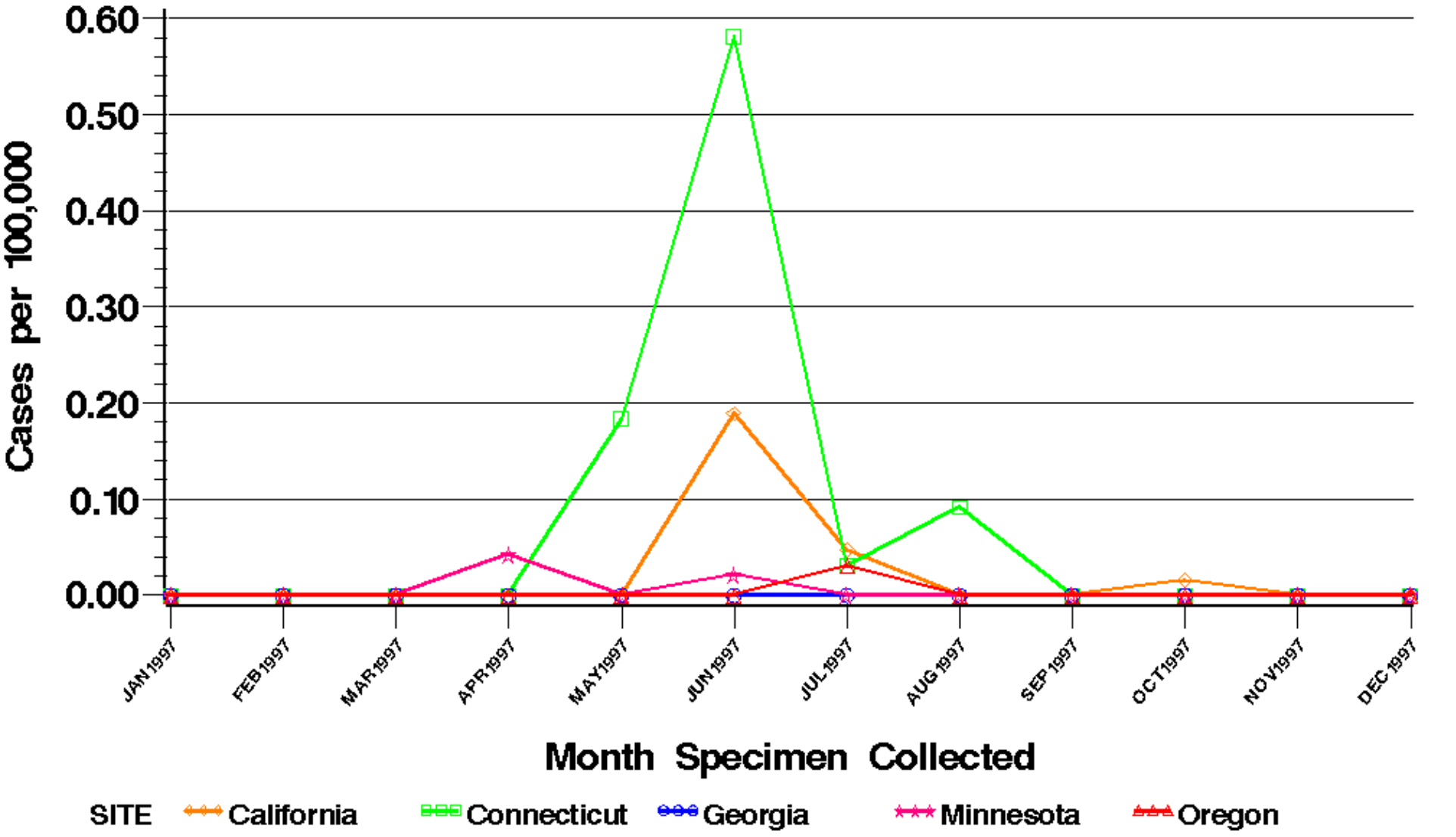
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = CYCLOSPORA



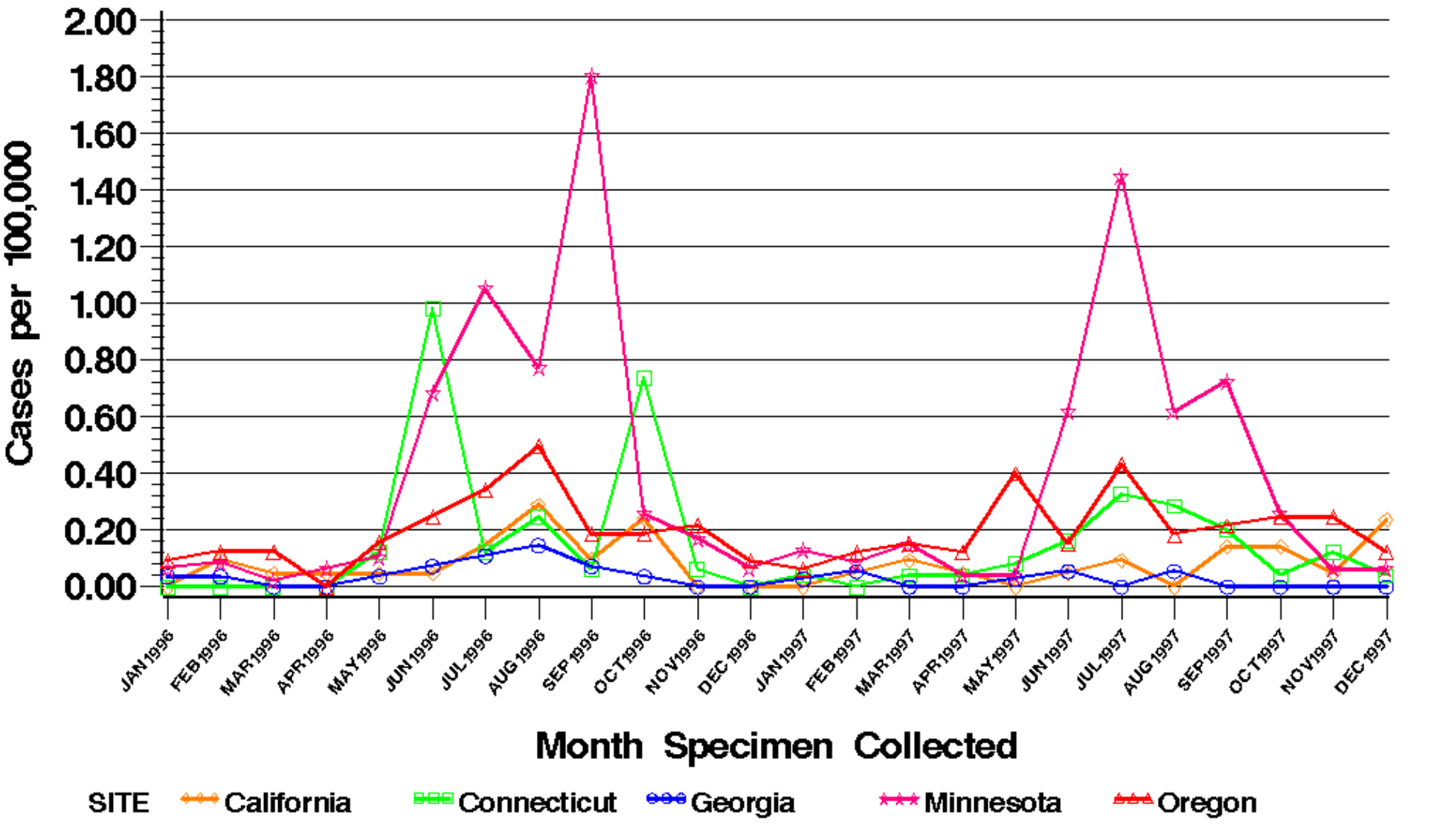
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = E. COLI O157



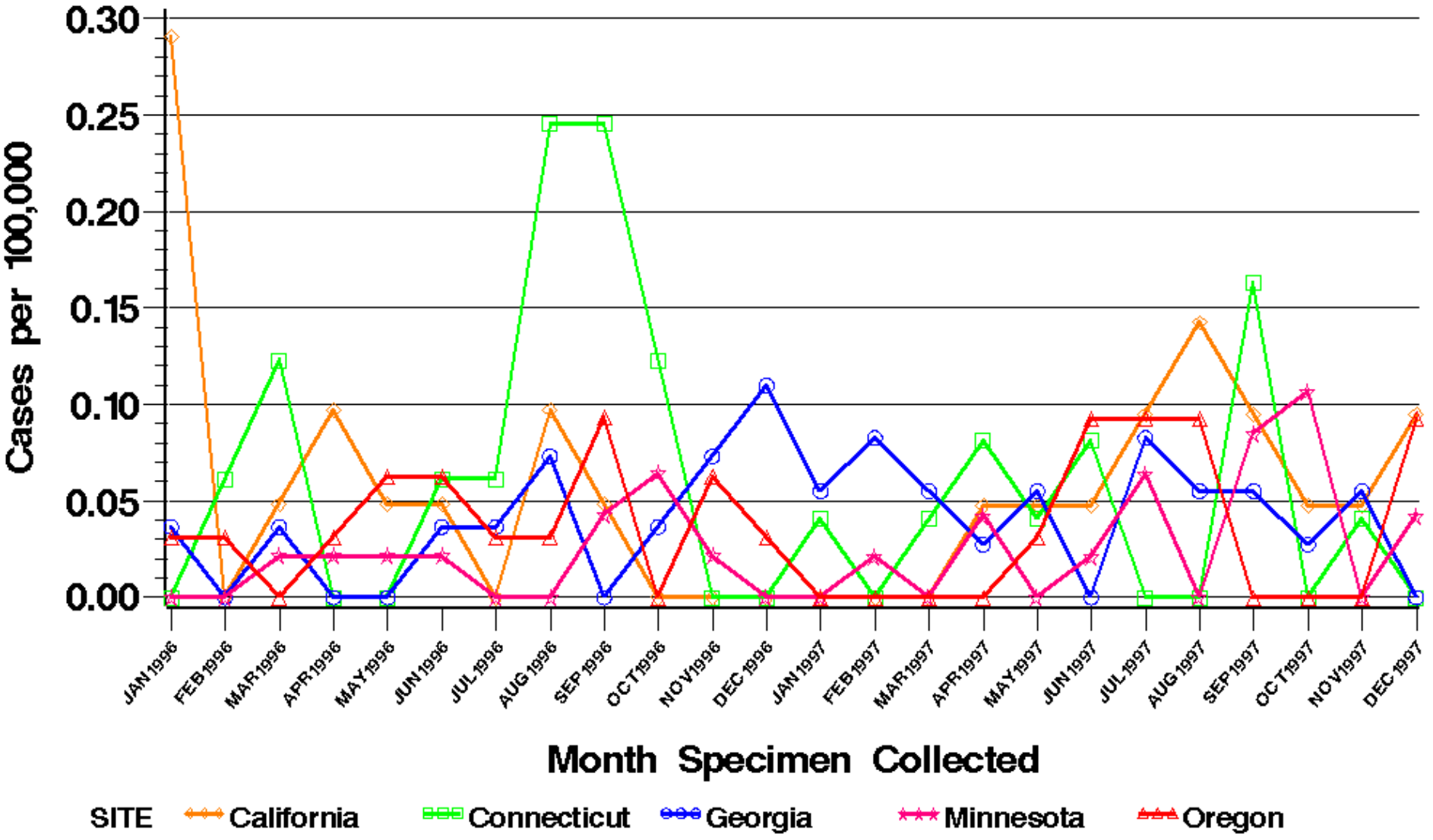
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = LISTERIA



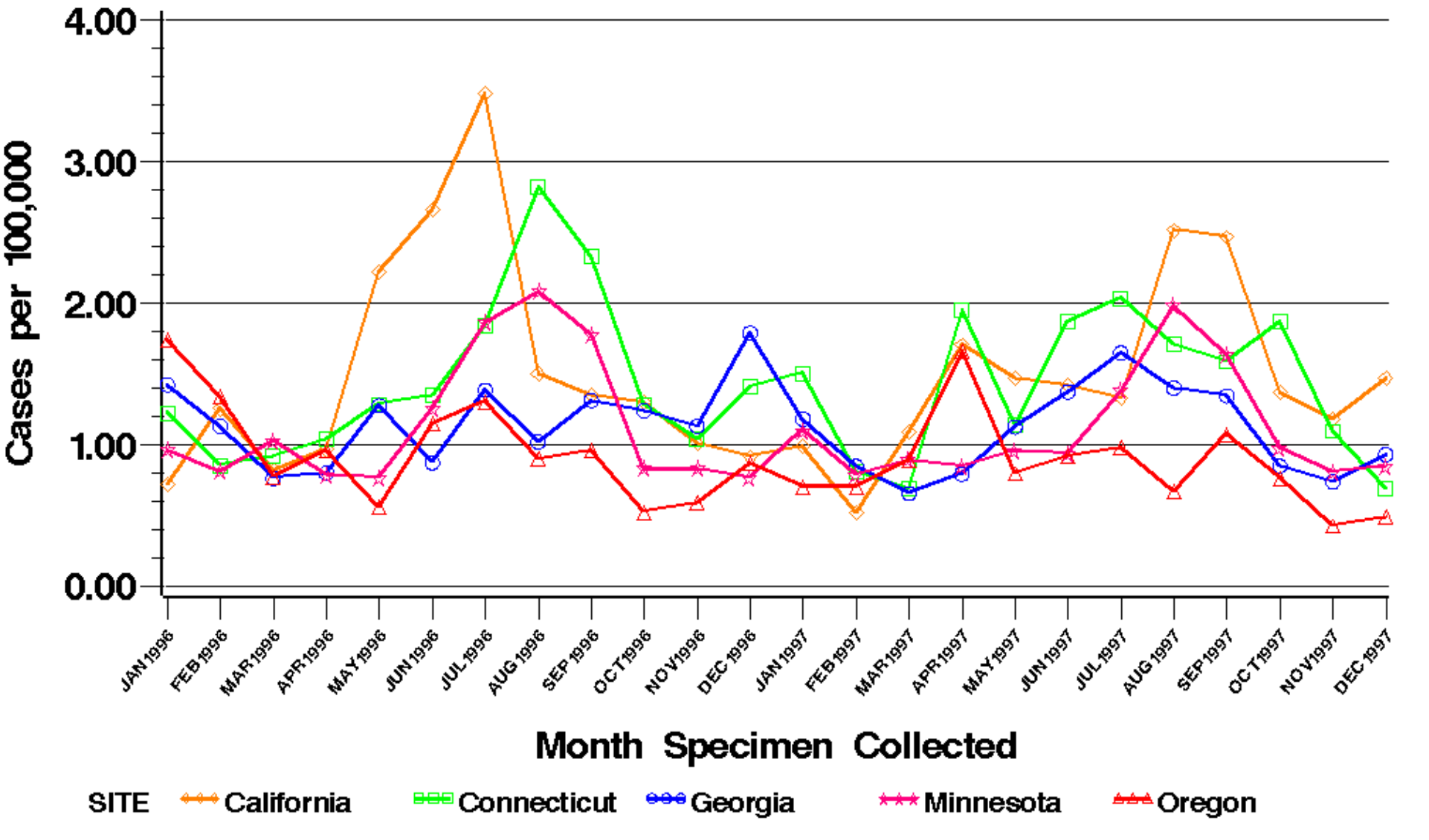
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA



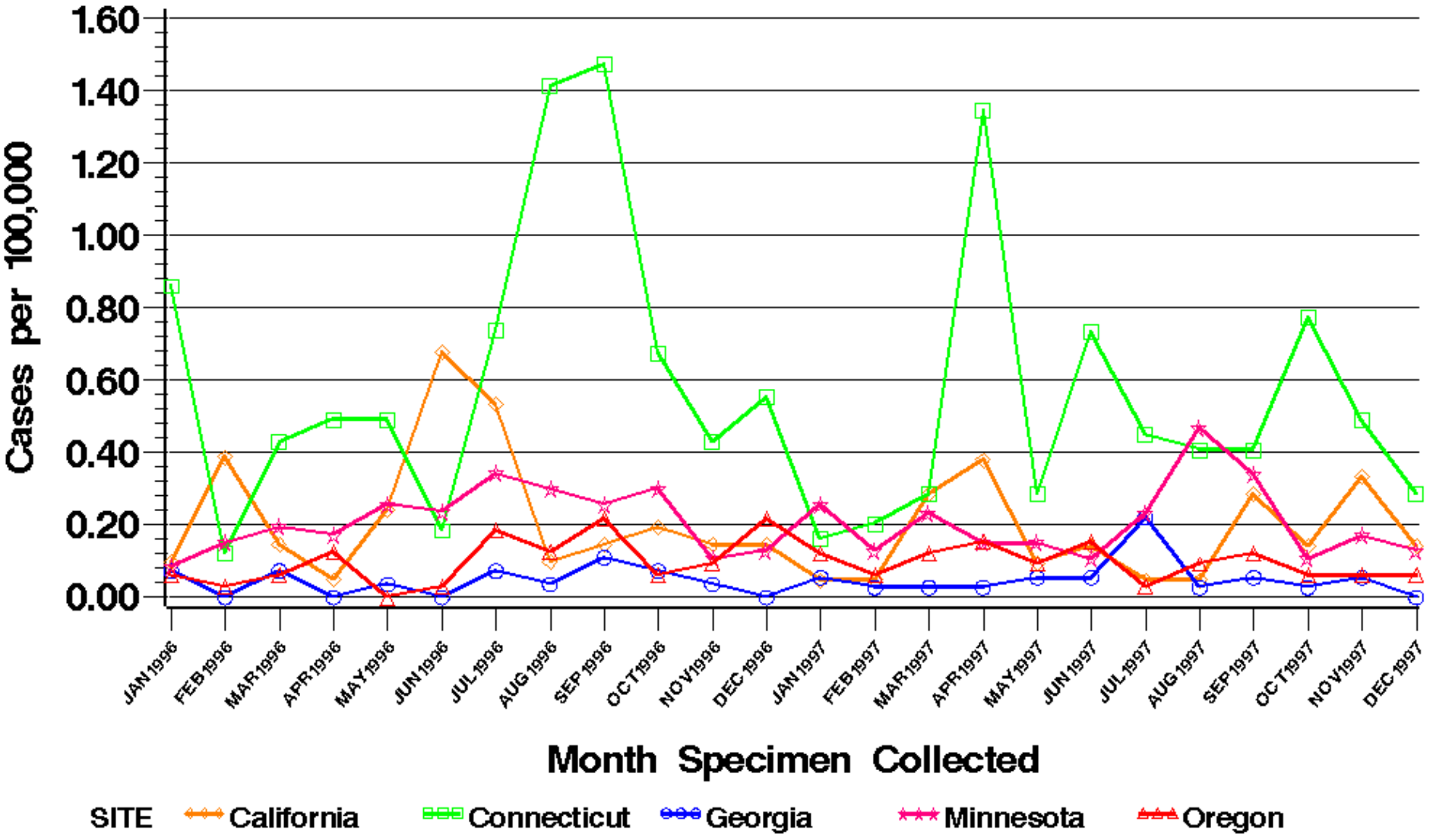
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA Serotype/Species = ENTERITIDIS



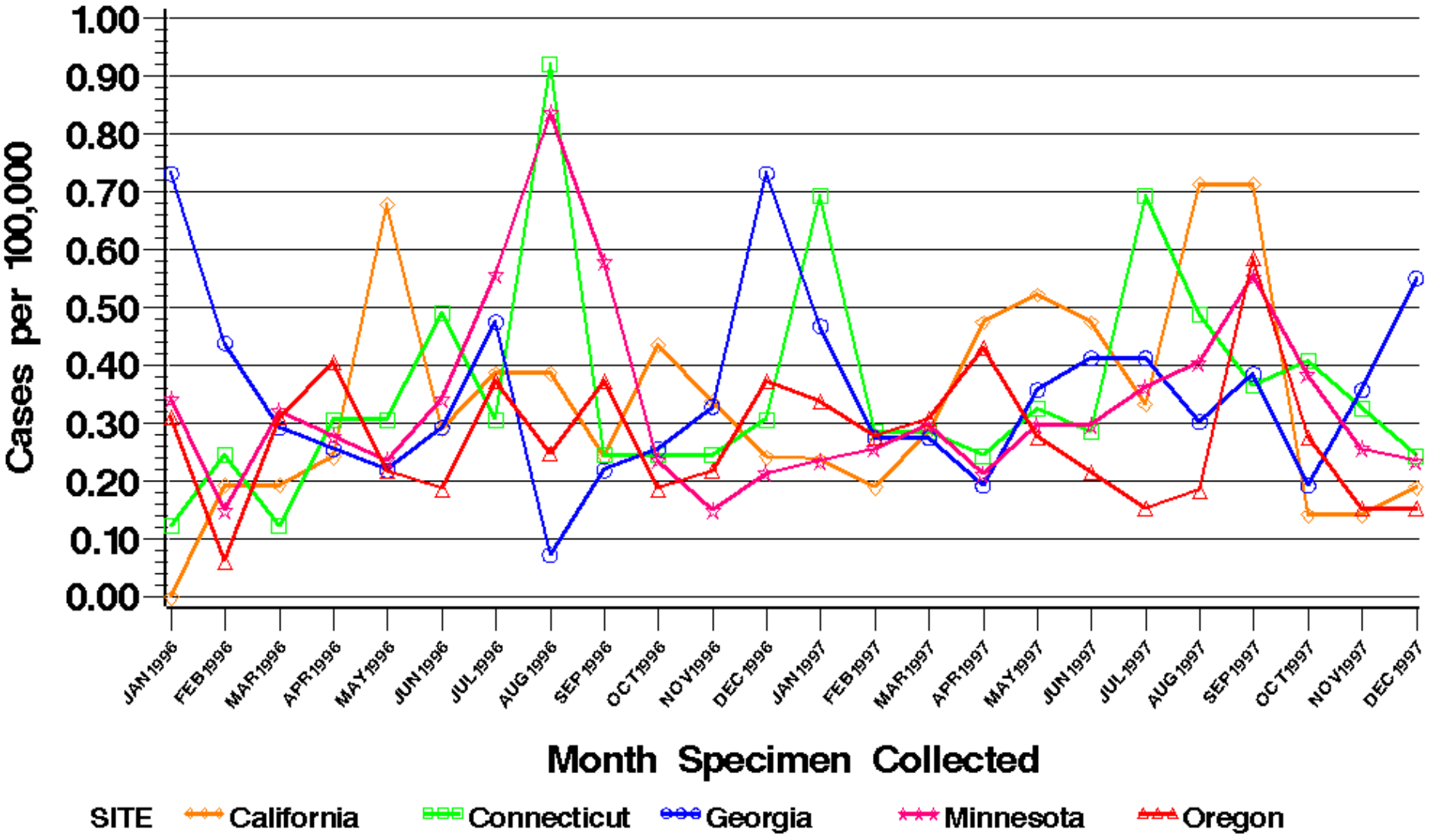
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA Serotype/Species = TYPHIMURIUM



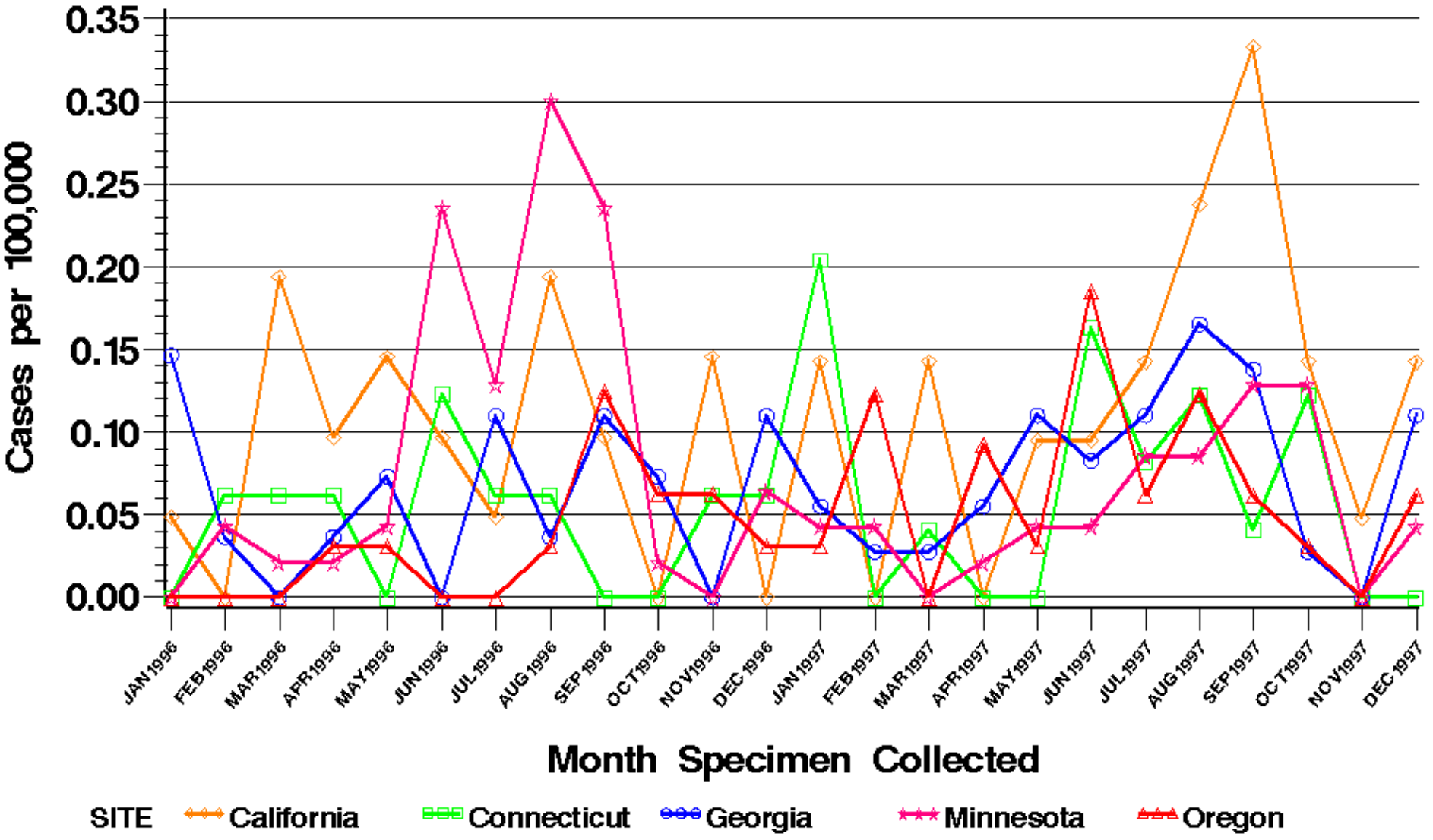
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA Serotype/Species = HEIDELBERG



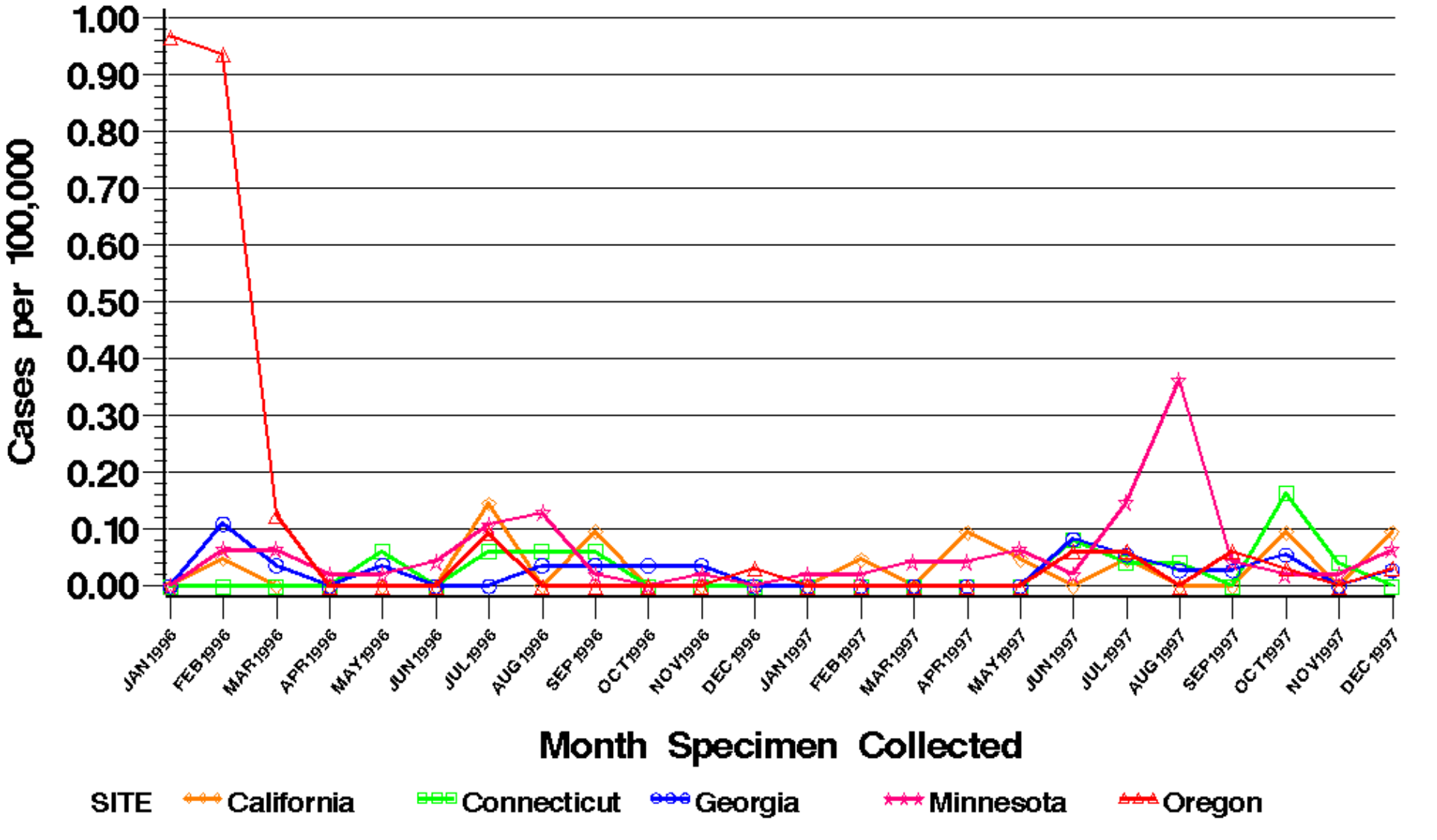
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA Serotype/Species = NEWPORT



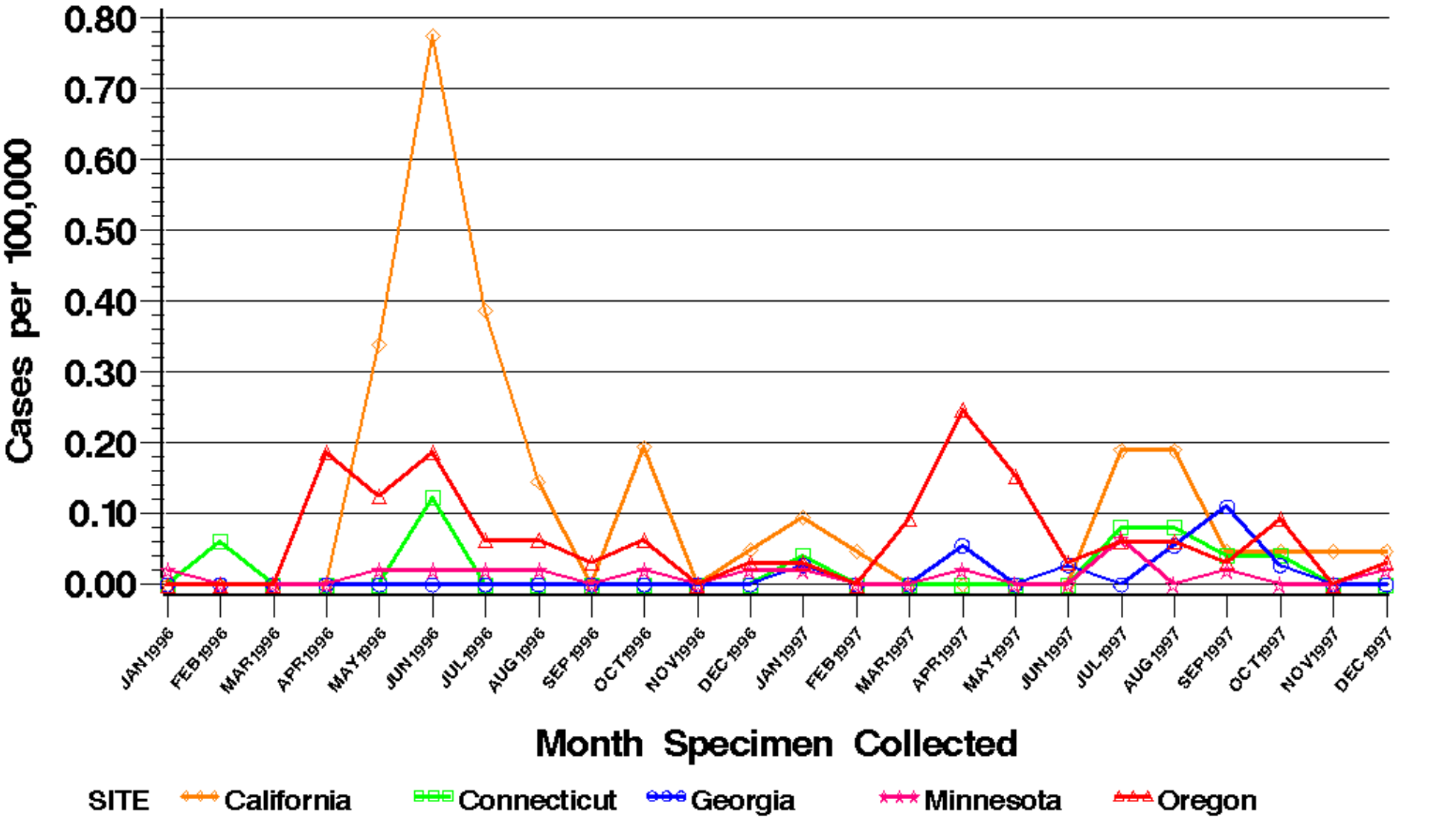
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA Serotype/Species = MONTEVIDEO



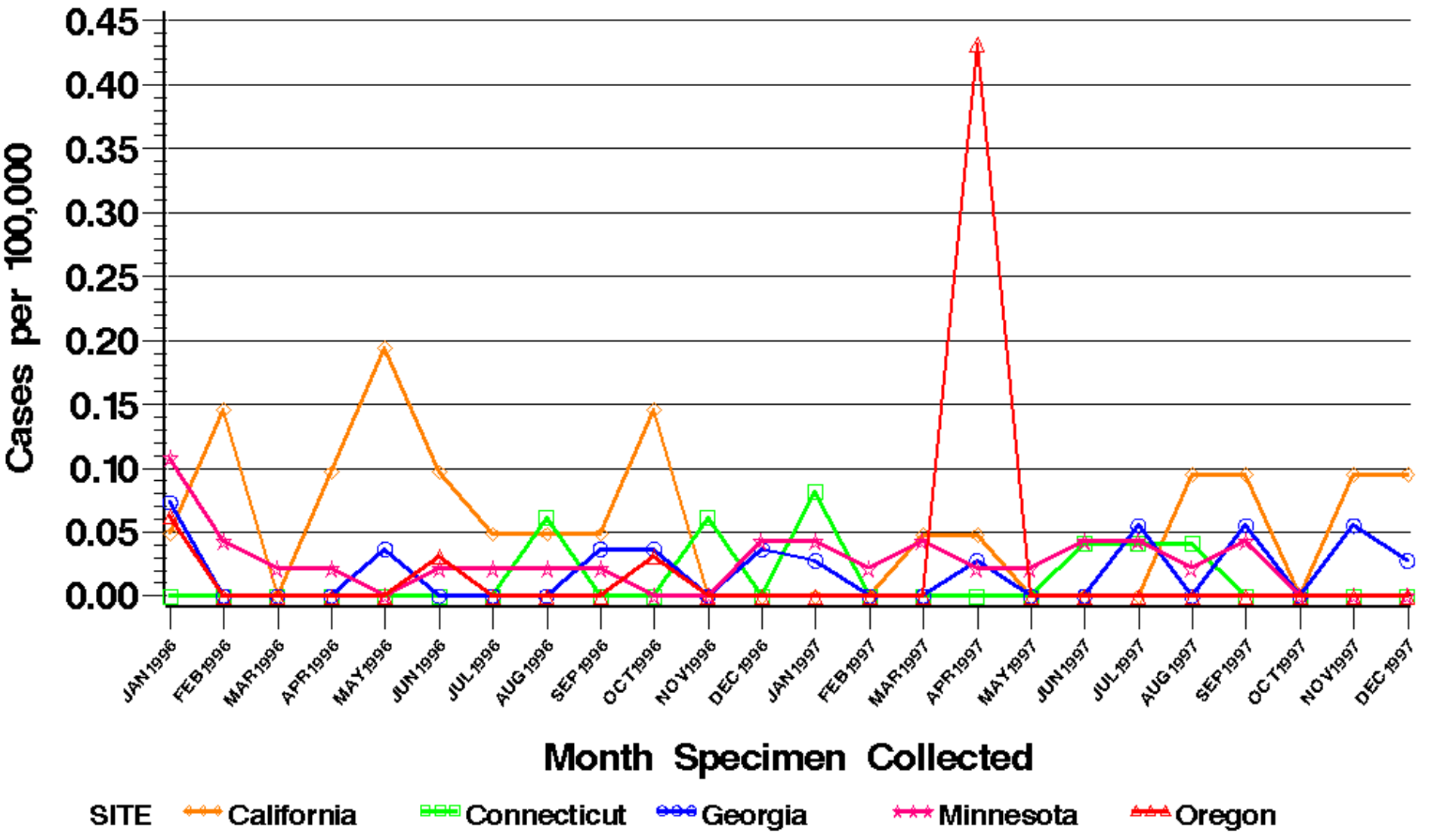
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SALMONELLA Serotype/Species = AGONA



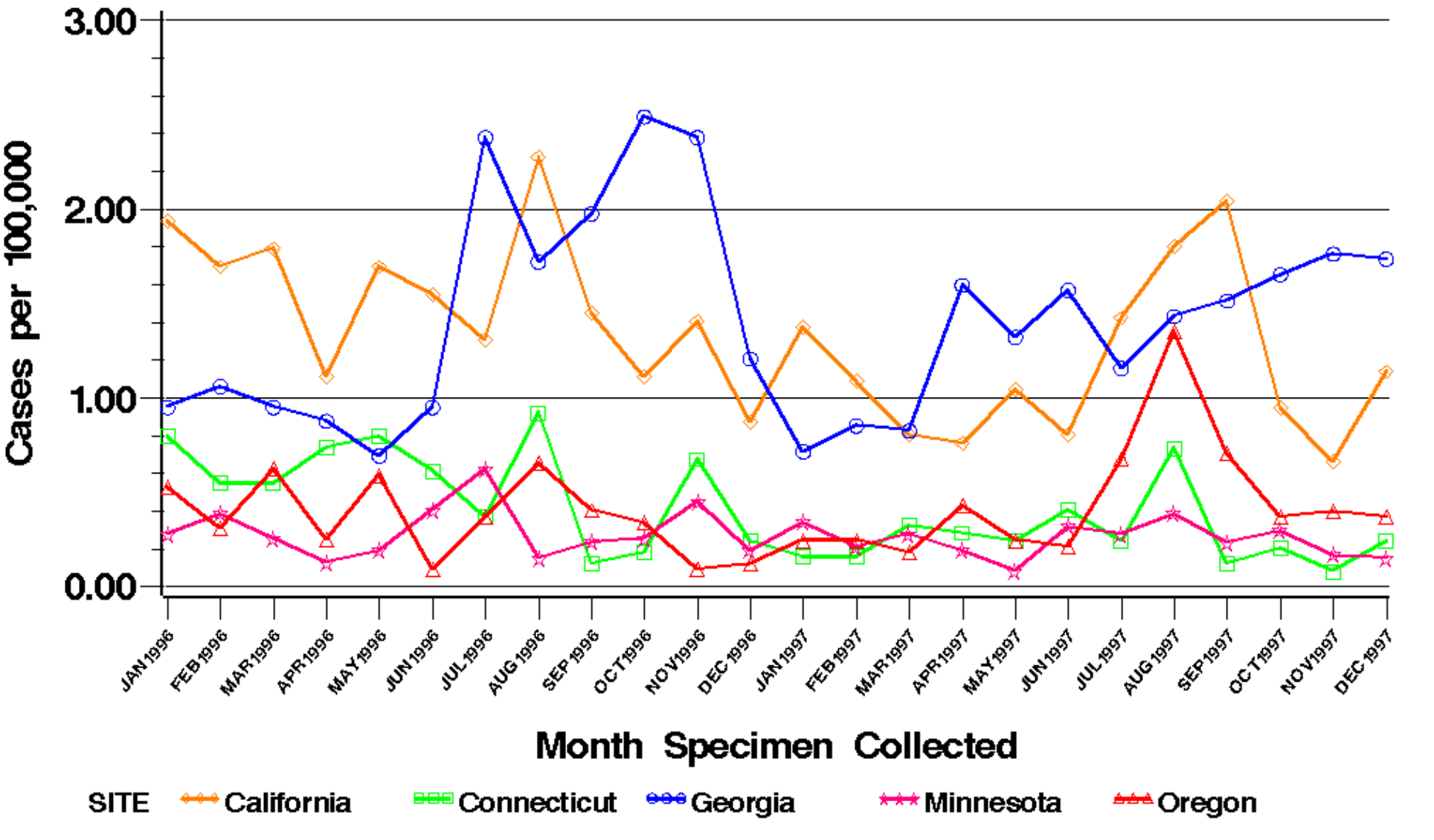
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SHIGELLA



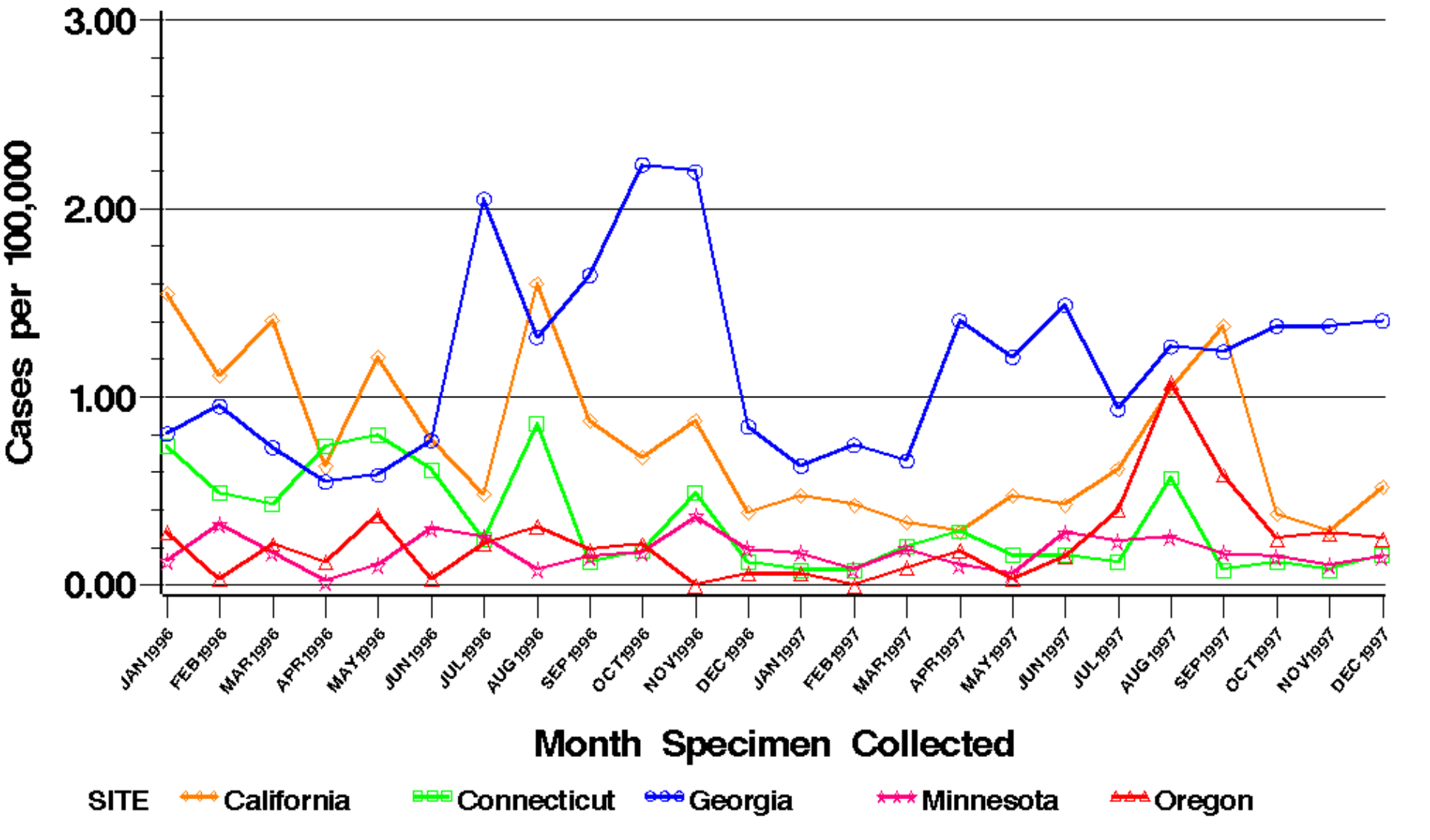
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SHIGELLA Serotype/Species = SONNEI



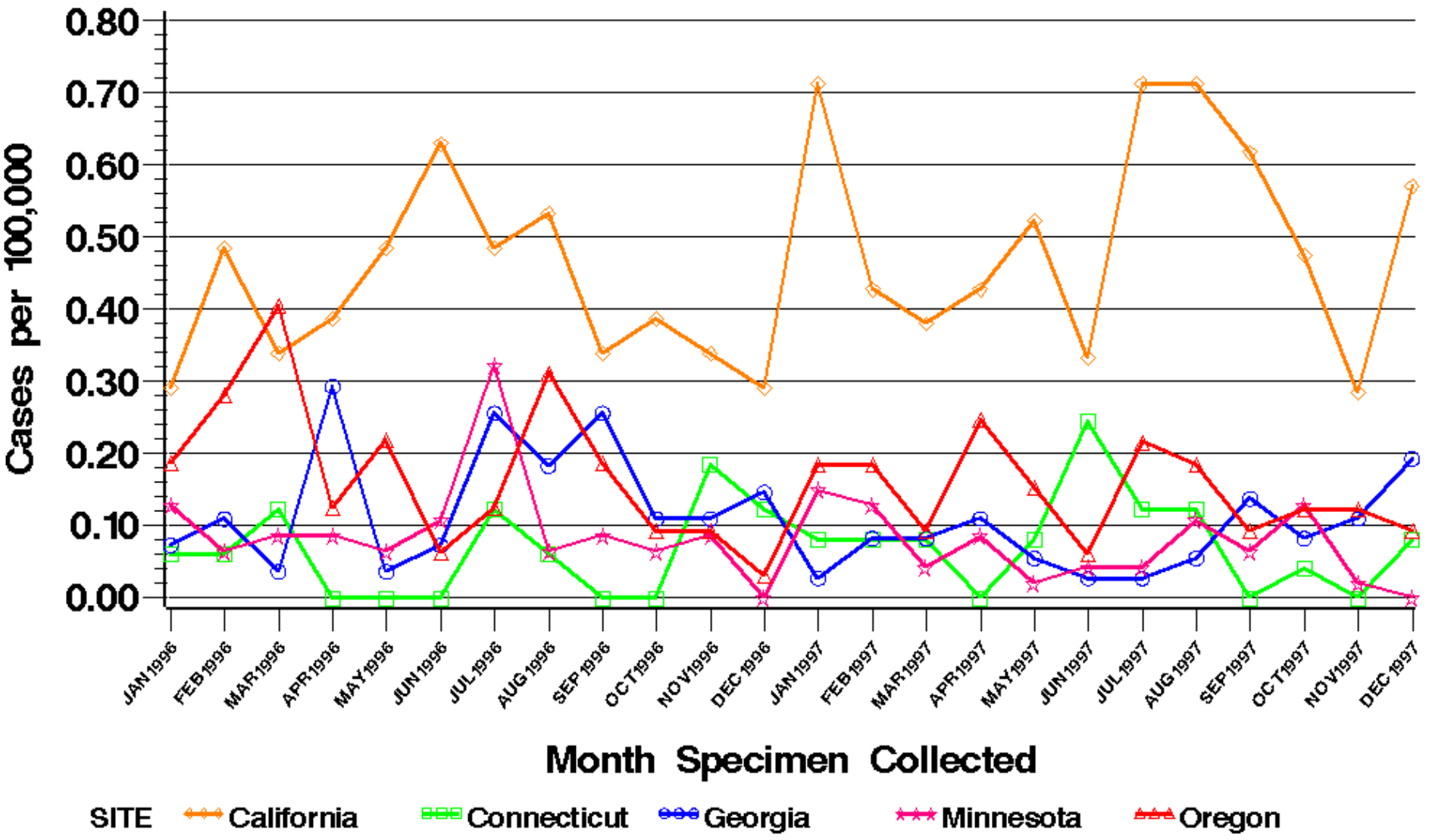
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SHIGELLA Serotype/Species = FLEXNERI



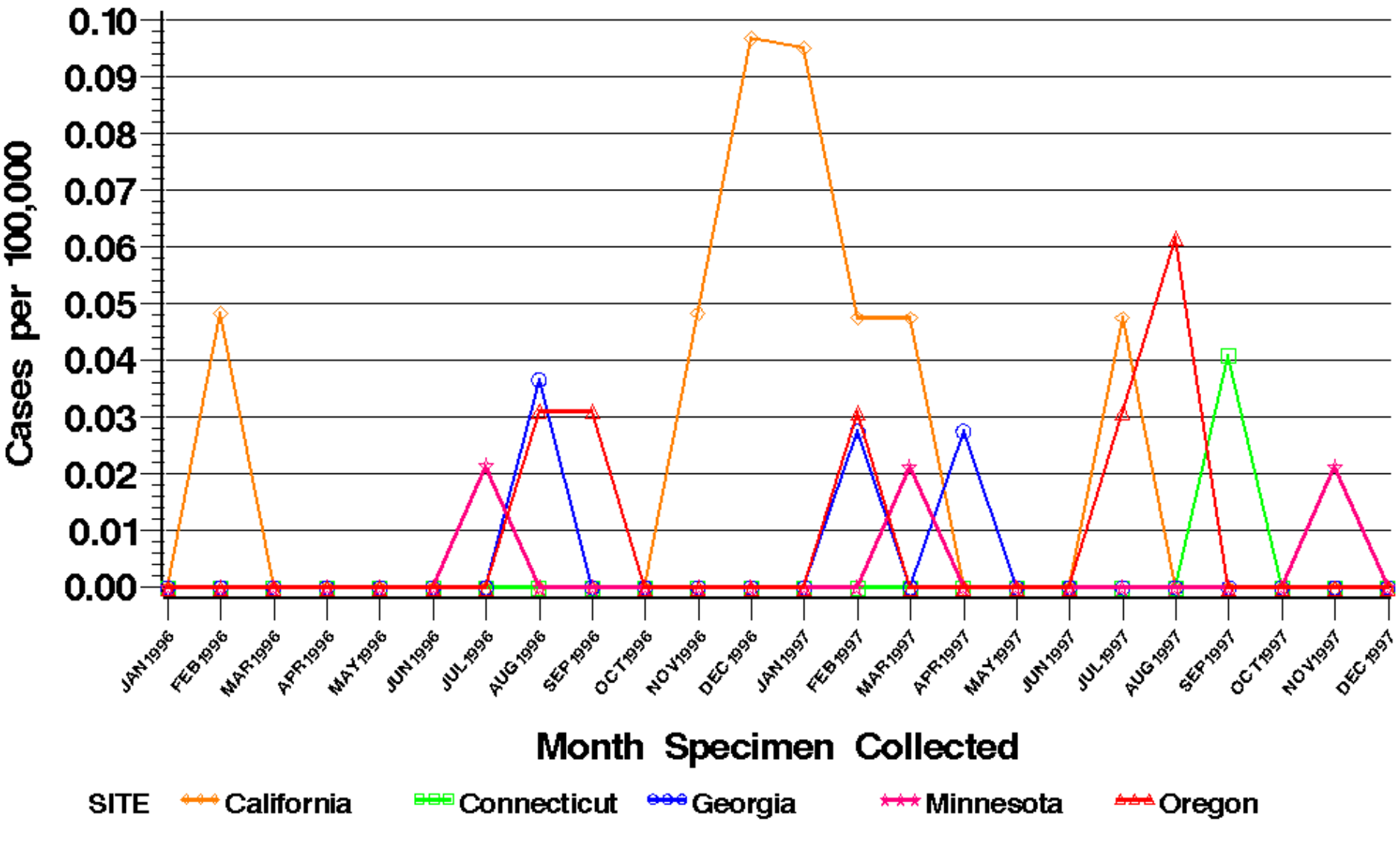
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = SHIGELLA Serotype/Species = DYSENTERIA



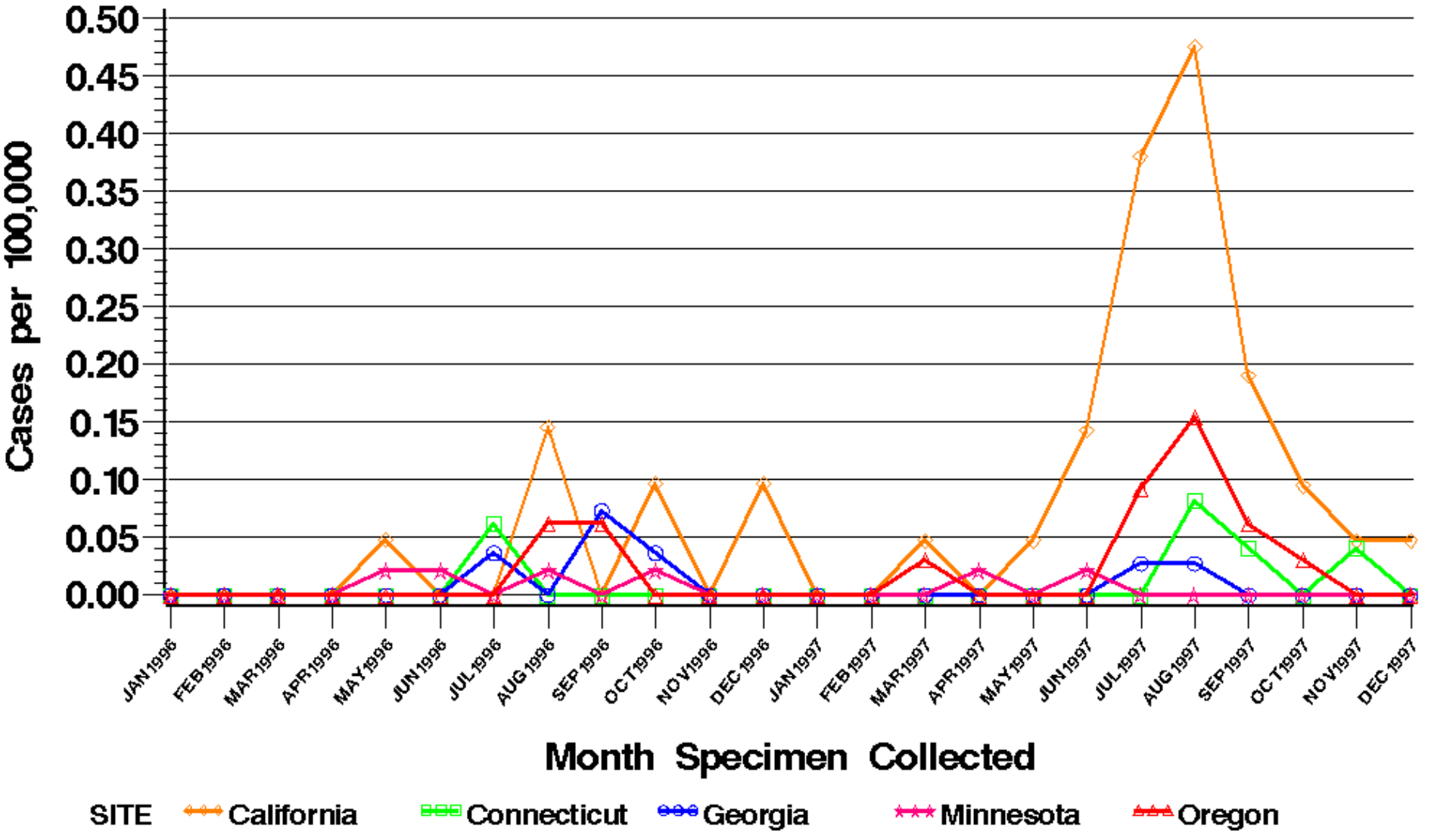
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = VIBRIO



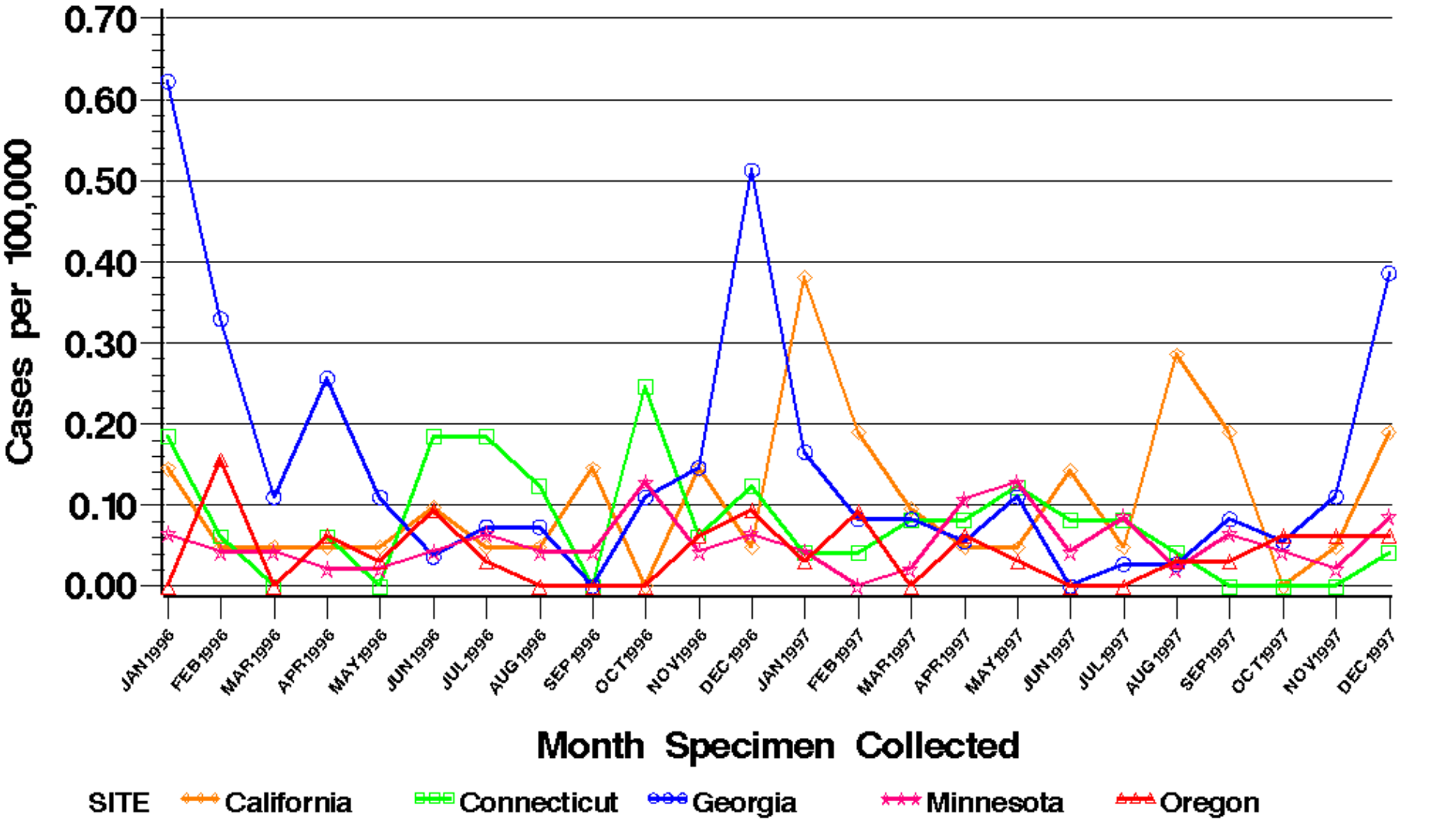
GRAPH1

CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Rate per 100,000 per Month Postcensal Population Estimates

Pathogen = YERSINIA



GRAPH1

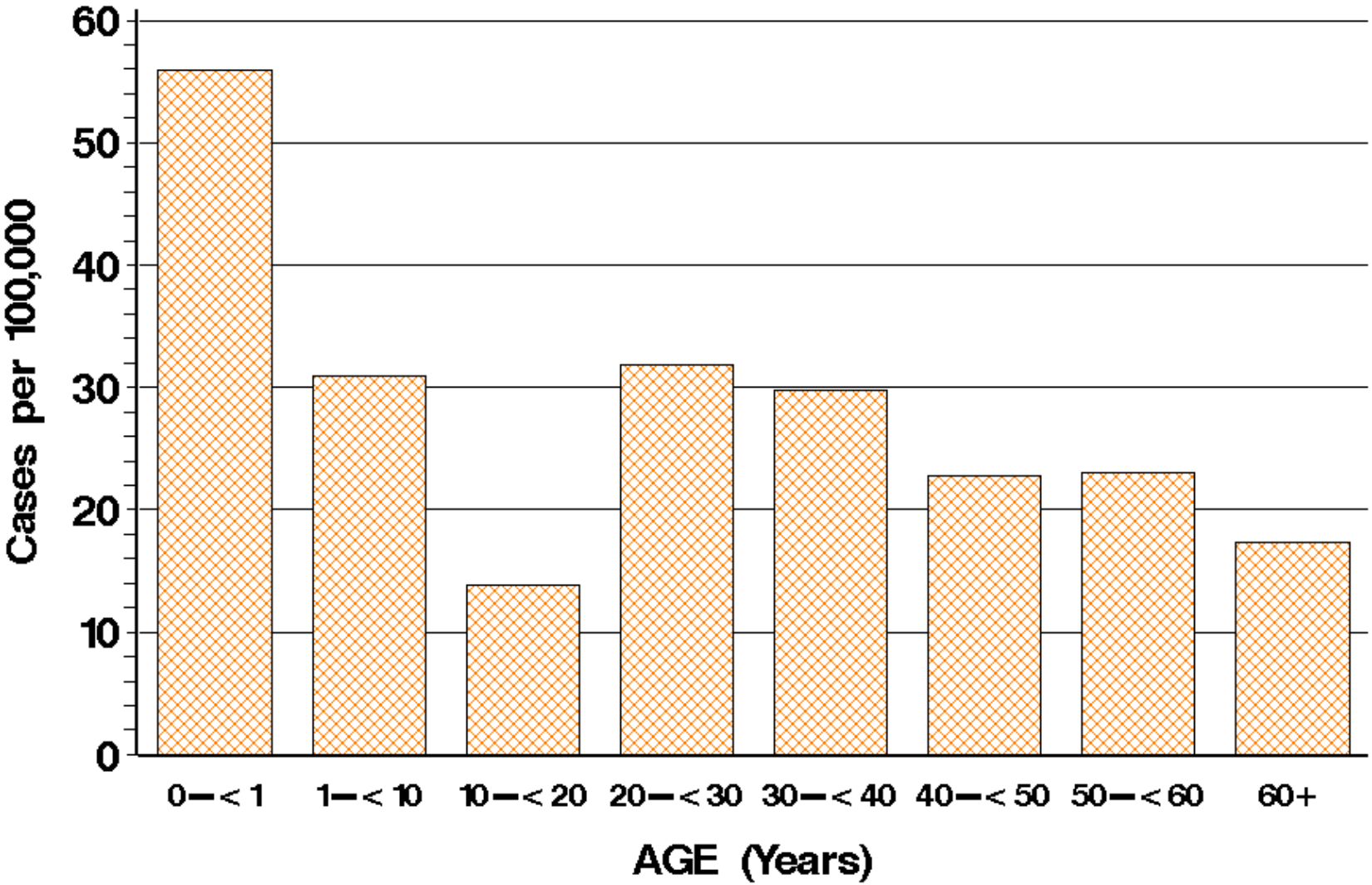
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = CAMPYLOBACTER



GRAPH2

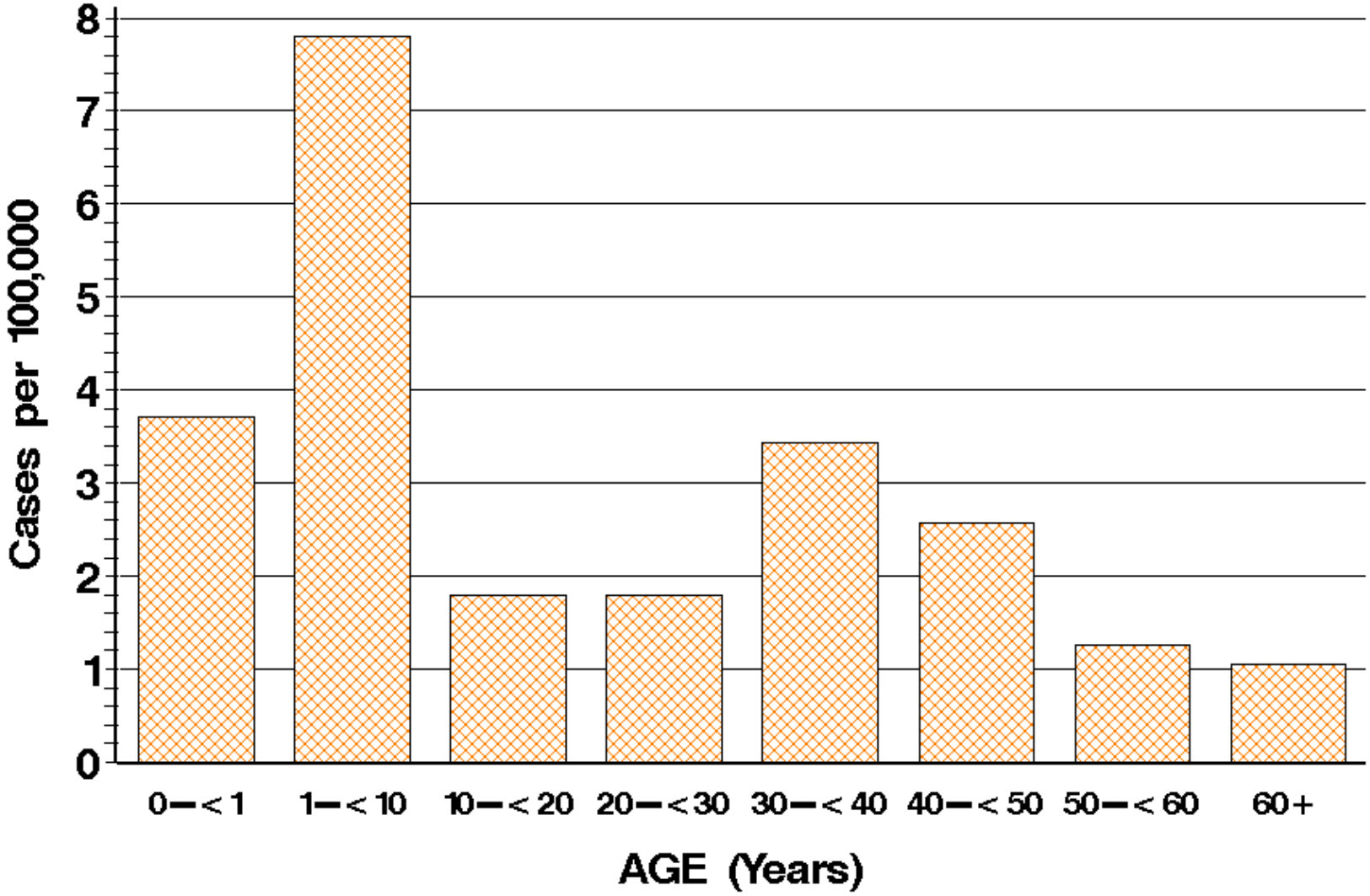
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = CRYPTOSPORIDIUM



GRAPH2

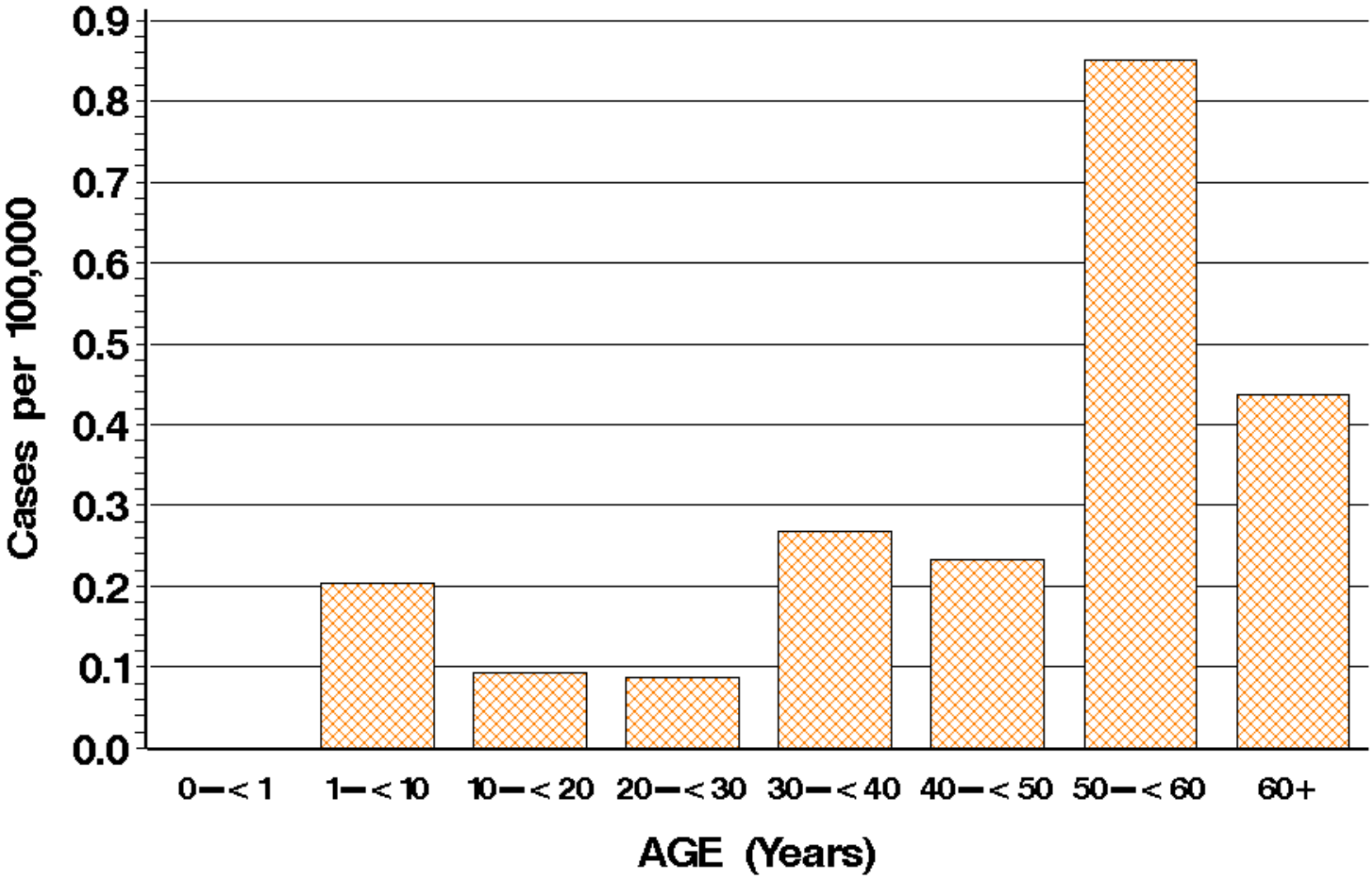
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = CYCLOSPORA



GRAPH2

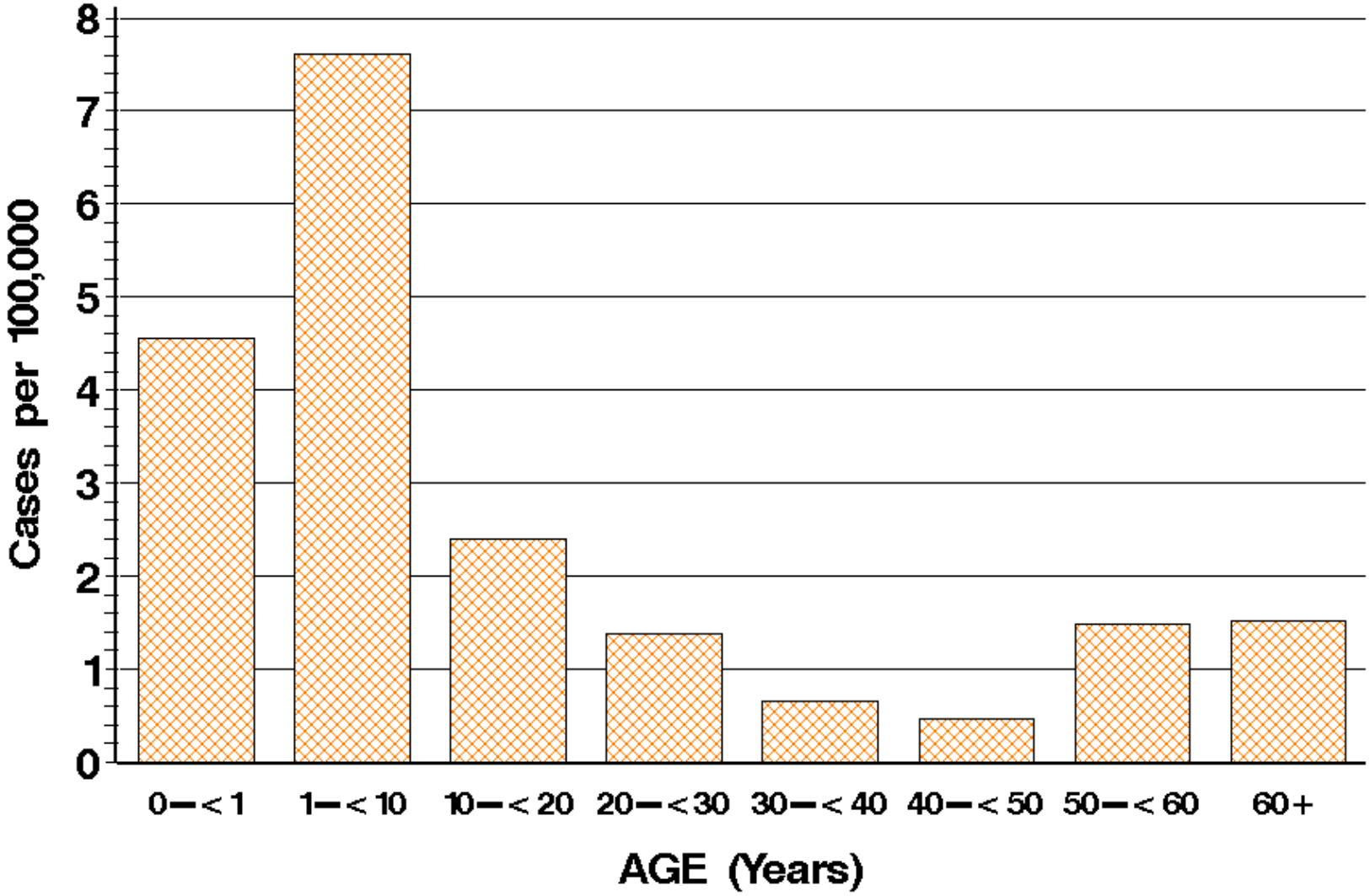
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = E. COLI O157



GRAPH2

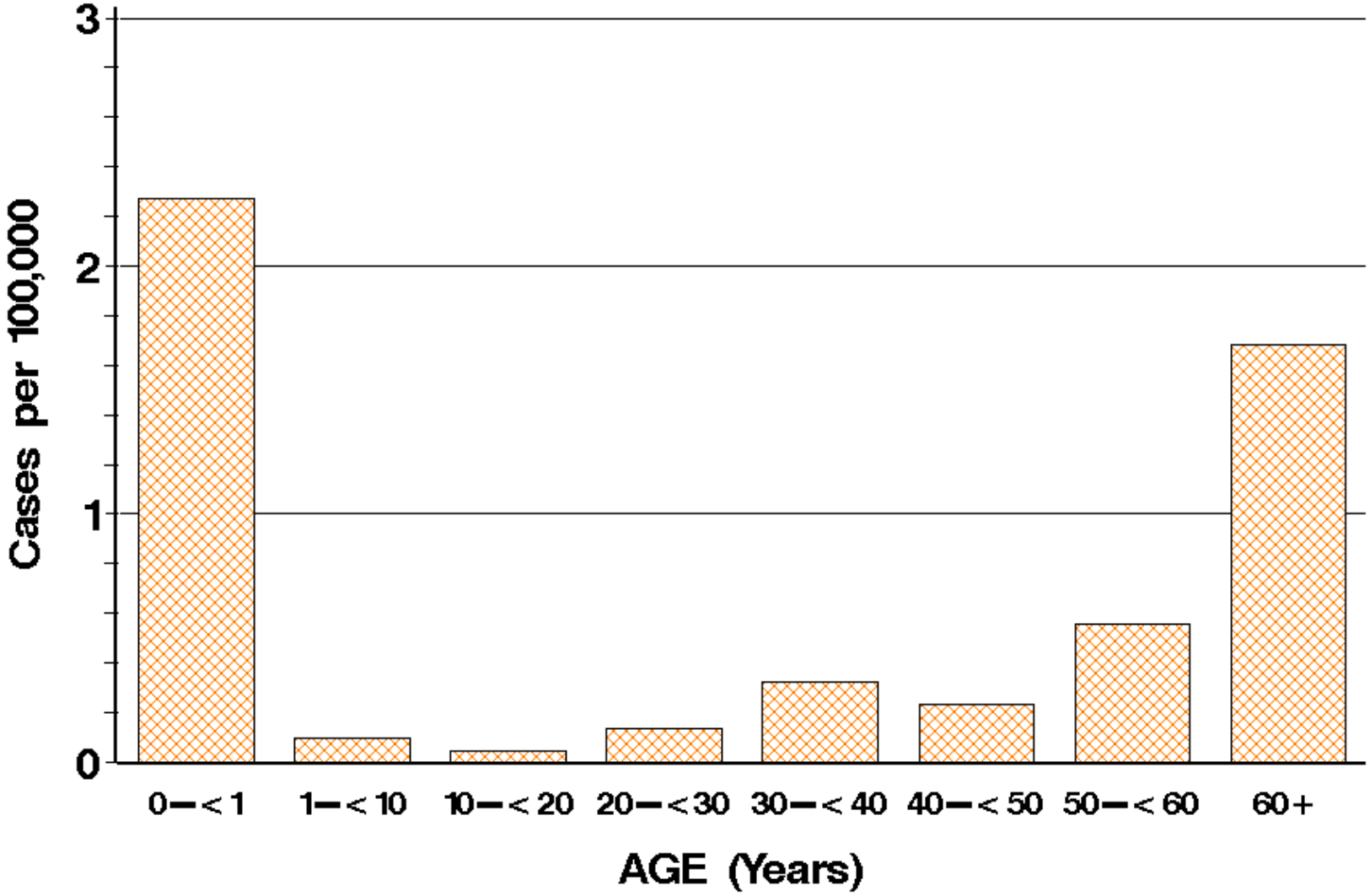
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = LISTERIA



GRAPH2

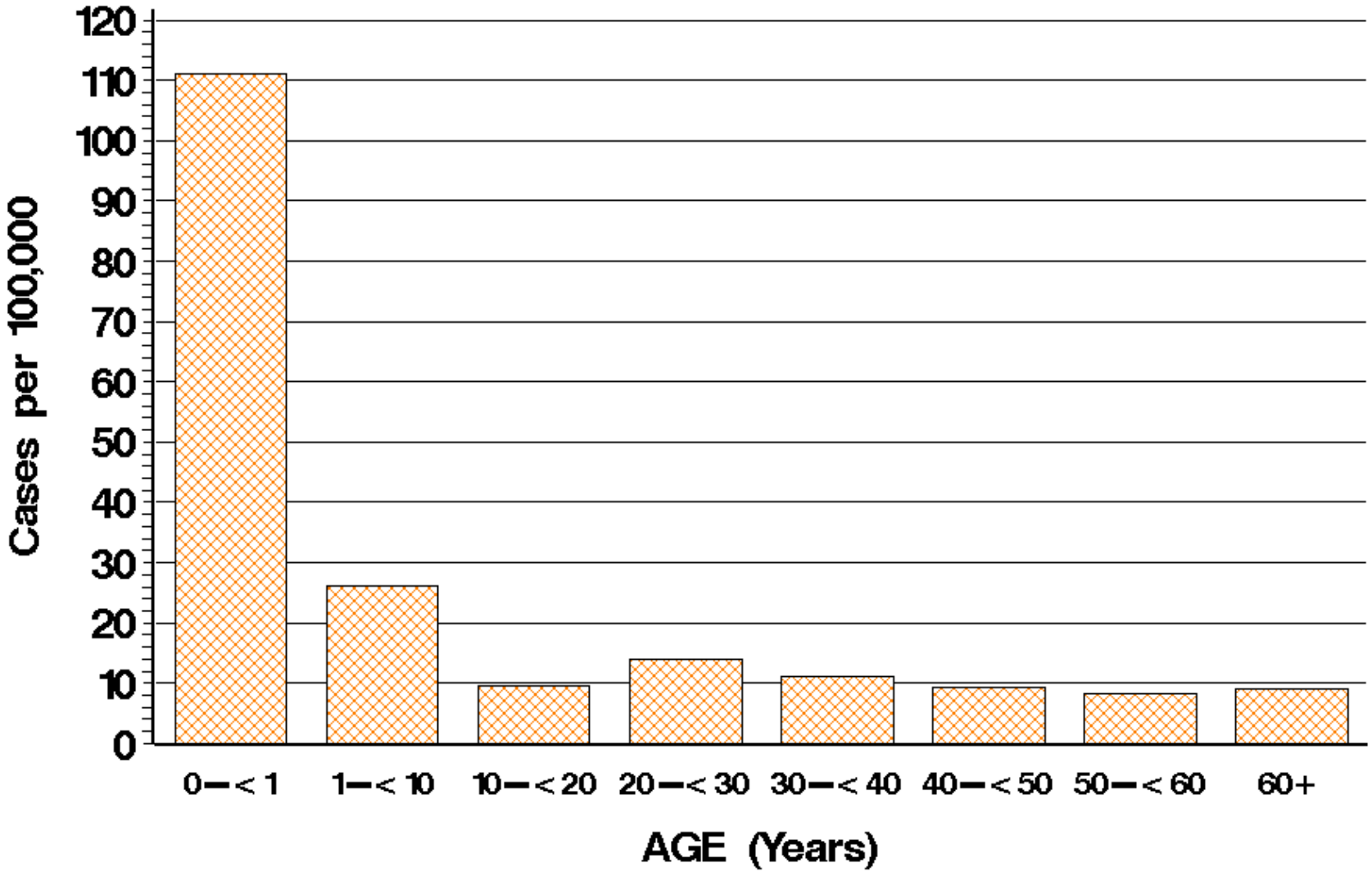
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = SALMONELLA



GRAPH2

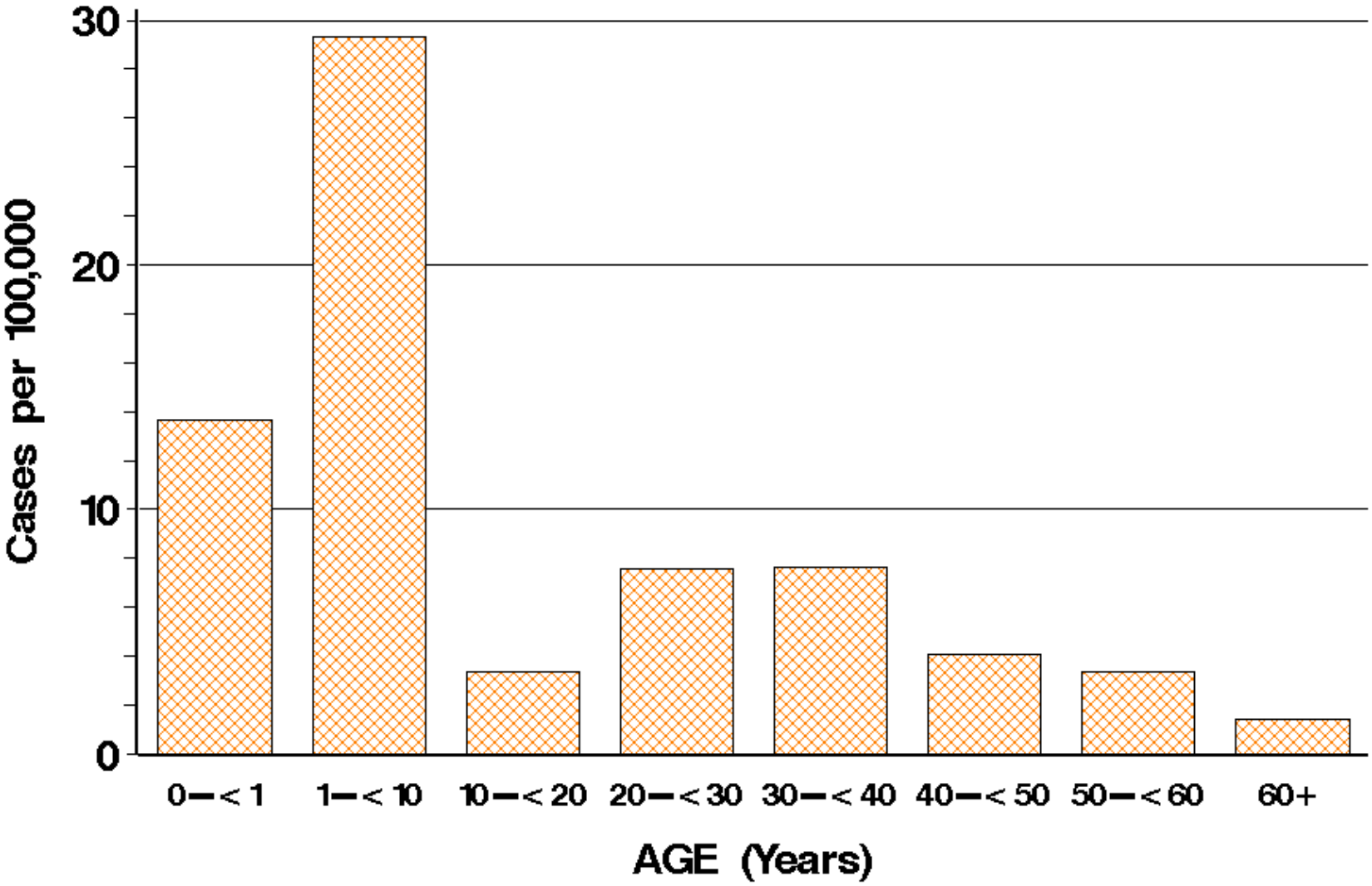
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = SHIGELLA



GRAPH2

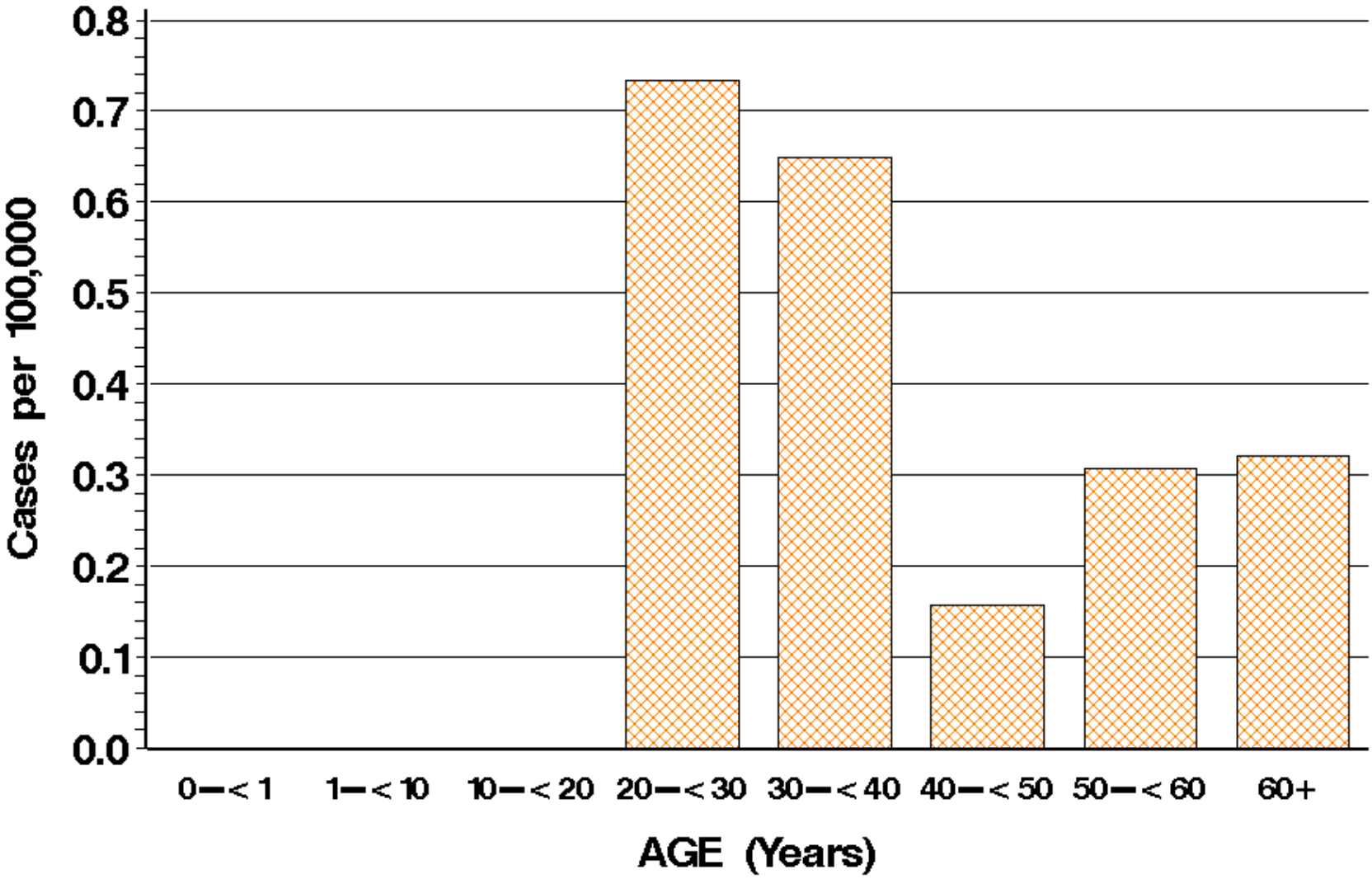
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = VIBRIO



GRAPH2

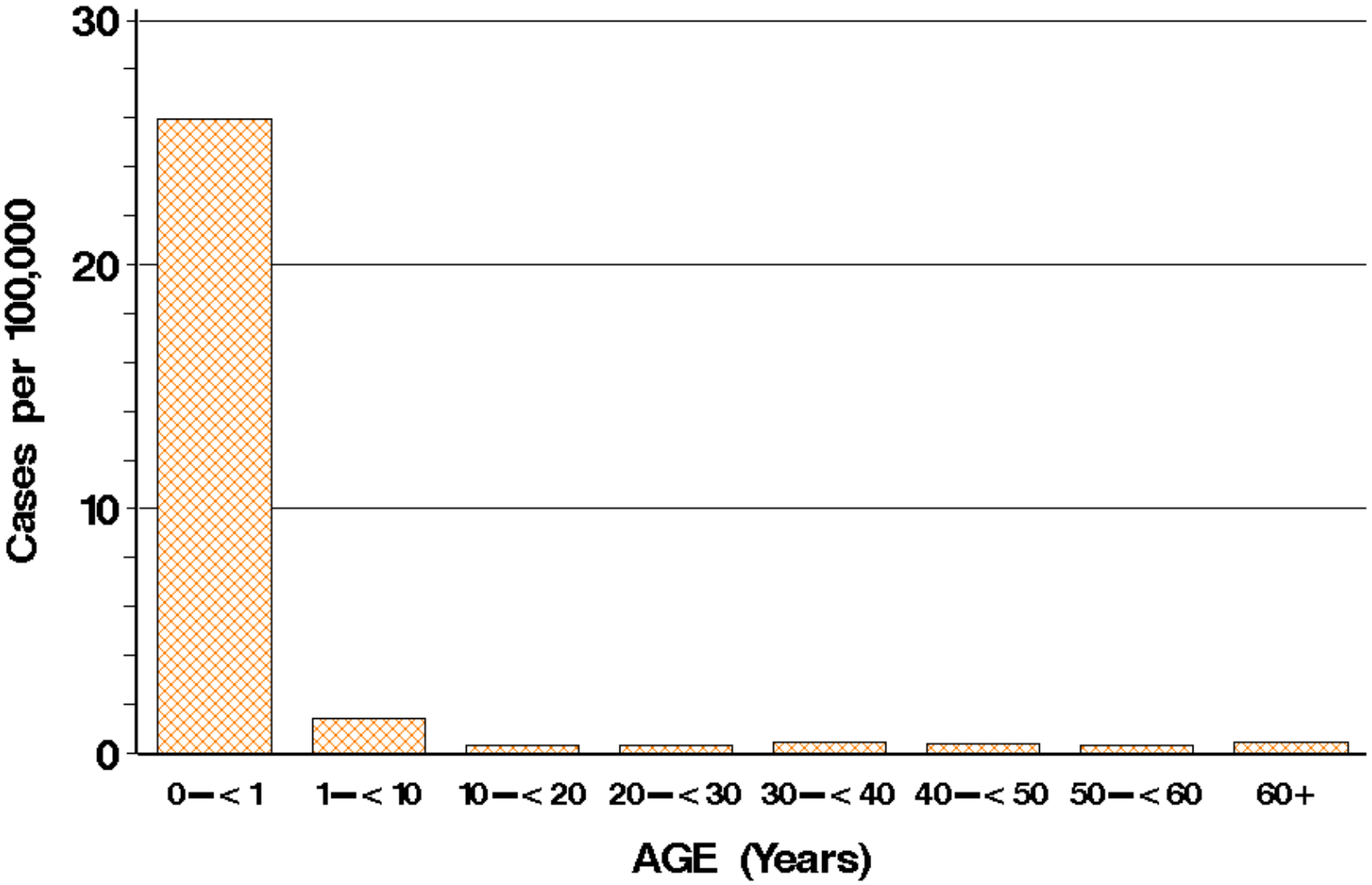
CDC's Emerging Infections Program

CDC/USDA/FDA Foodborne Diseases Active Surveillance Network (FoodNet)

Cases per 100,000 Postcensal Population Estimates Age Distribution by Pathogen for All Sites

FoodNet 1997 Final Report

Pathogen = YERSINIA



GRAPH2