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Update: Measles — United States, January–July 2008

Sporadic importations of measles into the United States have occurred since the disease was declared eliminated from the United States in 2000 (*1*). During January–July 2008, 131 measles cases were reported to CDC, compared with an average of 63 cases per year during 2000–2007.* This report updates an earlier report on measles in the United States during 2008 (*2*) and summarizes two recent U.S outbreaks among unvaccinated school-aged children. Among those measles cases reported during the first 7 months of 2008, 76% were in persons aged <20 years, and 91% were in persons who were unvaccinated or of unknown vaccination status. Of the 131 cases, 89% were imported from or associated with importations from other countries, particularly countries in Europe, where several outbreaks are ongoing (*3,4*). The findings demonstrate that measles outbreaks can occur in communities with a high number of unvaccinated persons and that maintaining high overall measles, mumps, and rubella (MMR) vaccination coverage rates in the United States is needed to continue to limit the spread of measles.

Measles cases in the United States are reported by state health departments to CDC using standard case definitions† and case classifications. Cases acquired outside the United States are categorized as importations. Those acquired inside the United States are considered importation associated if they are linked epidemiologically via a chain of transmission to an importation or have virologic evidence of importation.§ Other cases are classified as having an unknown source. In the United States, recommendations for MMR vaccination include a single dose at age 12–15 months and a second dose at the time of school entry (*5*). Vaccination as early as age 6 months is recommended for U.S. children traveling abroad and is sometimes recommended within U.S. communities during outbreaks of measles.

During January 1–July 31, 2008, 131 measles cases were reported to CDC from 15 states and the District of Columbia (DC): Illinois (32 cases), New York (27), Washington (19), Arizona (14), California (14), Wisconsin (seven), Hawaii (five), Michigan (four), Arkansas (two), and DC, Georgia, Louisiana, Missouri, New Mexico, Pennsylvania, and Virginia (one each). Seven measles outbreaks (i.e., three or more cases linked in time or place) accounted for 106 (81%) of the cases. Fifteen of the patients (11%) were hospitalized, including four children aged <15 months. No deaths were reported.

Among the 131 cases, 17 (13%) were importations: three each from Italy and Switzerland; two each from Belgium, India, and Israel; and one each from China, Germany, Pakistan, the Philippines, and Russia. This is the lowest percentage of imported measles cases since 1996 (Figure 1). Nine of the importations were in U.S. residents who had traveled abroad, and eight were in foreign visitors. An additional 99 (76%) of the 131 cases were linked epidemiologically to importations or had virologic evidence of importation. The source of measles acquisition of 15 cases (11%) could not be determined.

* Based on nationally notifiable disease data for 2000–2007.

† CDC/Council of State and Territorial Epidemiologists measles clinical case definition: an illness characterized by a generalized maculopapular rash for ≥3 days, a temperature of ≥101°F (≥38.3°C), and cough, coryza, or conjunctivitis. A case is considered confirmed if it is laboratory confirmed (using serologic or virologic methods) or if it meets the clinical case definition and is epidemiologically linked to a confirmed case.

§ A case is considered to have virologic evidence of importation if it is within a chain of transmission from which a measles virus is identified that is not endemic in the United States.

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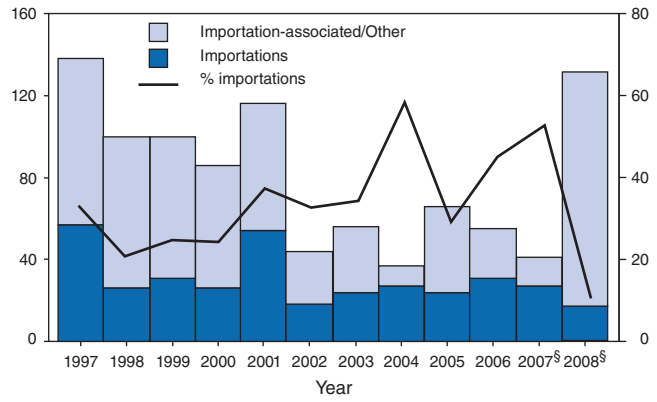
FIGURE 1. Trend in cases of imported measles* as a proportion of all measles cases† — United States, 1997–July 2008



* Measles infection acquired outside of the United States.
† Includes importation, importation-associated (acquired inside the United States but linked epidemiologically to an importation), and other (source unknown) measles cases.
§ Provisional; 2008 data are for January–July only.

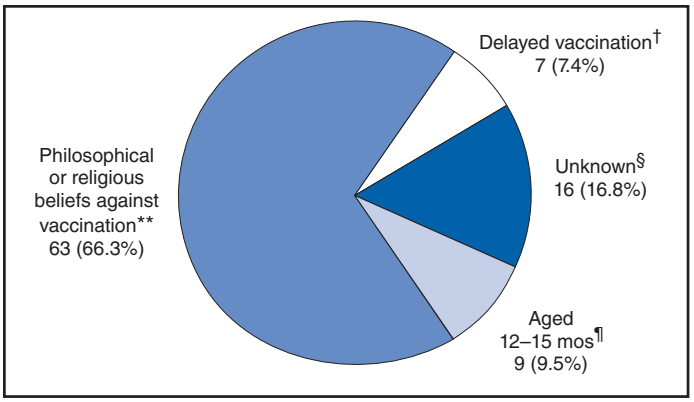
Among the 131 measles patients, 123 were U.S. residents, of whom 99 (80%) were aged <20 years (Table). Five (4%) of the 123 patients had received 1 dose of MMR vaccine, six (5%) had received 2 doses of MMR vaccine, and 112 (91%) were unvaccinated or had unknown vaccination status. Among these 112 patients, 95 (85%) were eligible for vaccination, and 63 (66%) of those were unvaccinated because of philosophical or religious beliefs (Figure 2).

Washington. On April 28, 2008, the Washington State Department of Health received a report of several suspected measles cases in a Grant County household. The index patient had rash onset on April 12. During April 18–21, the other seven children in the household became ill with fever and rash. Three of the children developed pneumonia and were evaluated by a health-care provider who suspected measles; all three tested positive for measles-specific IgM antibody. Rash onset occurred during April 13–May 30 in 11 additional cases identified in Grant County. All of the 19 cases were linked epidemiologically, and all but one occurred in children and adolescents aged 9 months to 18 years. The 19 cases included 16 in school-aged children, among whom 11 were home schooled. Because of their parents' philosophical or religious beliefs, none of the 16 children had received measles-containing vaccine. Specimens from eight patients were submitted for virologic testing, and all contained genotype D5, which had been circulating in Japan and parts of Europe. A possible source of the outbreak was a church conference, held March 25–29 in King County, Washington, that was attended by four of the patients, including the index patient. The conference was attended by approximately 3,000

TABLE. Number and percentage of U.S. residents with measles, by age group and vaccination status — United States, January–July 2008

	Age group											
	<12 mos		12–15 mos		16 mos–4yrs		5–19 yrs		20–49 yrs		≥50 yrs		Total	
Vaccination status	**No.**	**(%)**	**No.**	**(%)**	**No.**	**(%)**	**No.**	**(%)**	**No.**	**(%)**	**No.**	**(%)**	**No.**	**(%)**
Unvaccinated														
Too young (aged <12 mos)	16	(100.0)											**16**	**(13.0)**
Born before 1957											1	(50.0)	**1**	**(0.8)**
Philosophical or religious beliefs against vaccination					9	(50.0)	52	(94.5)	2	(9.1)			**63**	**(51.2)**
Missed opportunity or reason unknown			8	(80.0)	7	(38.9)			1	(4.5)	1	(50.0)	**17**	**(13.8)**
Vaccinated (≥1 dose)			1	(10.0)	2	(11.1)	3	(5.5)	5	(22.7)			**11**	**(8.9)**
Unknown vaccination status			1	(10.0)					14	(63.6)			**15**	**(12.2)**
Total	**16**		**10**		**18**		**55**		**22**		**2**		**123**	

FIGURE 2. U.S. residents with measles who were eligible* for vaccination against measles, by reason for not receiving measles vaccine — United States, January–July 2008



* N = 95. Does not include infants aged <12 months, persons born before 1957, foreign visitors, and persons who were vaccinated.
† Includes children aged 16 months to 4 years who had not been vaccinated.
§ Includes persons who were age eligible for vaccination but whose vaccination status was unknown or who were unvaccinated for unknown reasons.
¶ Includes eight children eligible for vaccination, but not yet vaccinated, and one child whose vaccination status was unknown.
** Includes persons who were unvaccinated because of their own or their parents' beliefs. This category includes 61 persons aged ≤18 years and two persons aged 20–50 years. None of the persons in this category cited medical reasons for not having been vaccinated.

persons, primarily students from junior high through university age from 18 states, DC, and several foreign countries. None of these countries or states has since reported confirmed cases of measles among persons who attended this conference.

Illinois. On May 19, 2008, the Illinois Department of Public Health was notified by the DuPage County Health Department about a suspected case of measles. By May 27, four confirmed cases of measles had been reported to the county, three of which were laboratory confirmed. Among the four cases, rash onsets occurred during May 17–19, suggesting a common exposure. The four patients were unvaccinated girls aged 10–14 years; all had attended an event May 5 and might have attended a home gathering 2 days earlier. Both events were attended by a teenager who had recently returned from Italy and reportedly had developed fever and rash. Although attempts to obtain further information about the traveler were unsuccessful, viral isolation from one of the four patients yielded genotype D4, a strain circulating in Italy. Through July 31, 26 additional measles cases were reported, all with epidemiologic links to the first four cases. Among the 30 cases, 14 were confirmed in DuPage County, 11 in suburban Cook County, and five in Lake County. One case occurred in a person aged 43 years. The remaining 29 cases were in persons aged 8 months–17 years, including 25 (83%) school-aged children, all of whom were home schooled and not subject to school-entry vaccination requirements. Because of their parents' beliefs against vaccination, none of the 25 had received measles-containing vaccine.

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Editorial Note: The number of measles cases reported during January 1–July 31, 2008, is the highest year-to-date since 1996. This increase was not the result of a greater number of imported cases, but was the result of greater viral transmission after importation into the United States, leading to a greater number of importation-associated cases. These importation-associated cases have occurred largely among school-aged children who were eligible for vaccination but whose parents chose not to have them vaccinated. One study has suggested an increasing number of vaccine exemptions

among children who attend school in states that allow philosophical exemptions (*6*). In addition, home-schooled children are not covered by school-entry vaccination requirements in many states. The increase in importation-associated cases this year is a concern and might herald a larger increase in measles morbidity, especially in communities with many unvaccinated residents.

In the United States, measles caused 450 reported deaths and 4,000 cases of encephalitis annually before measles vaccine became available in the mid-1960s (*1*). Through a successful measles vaccination program, the United States eliminated endemic measles transmission (*1*). Sustaining elimination requires maintaining high MMR vaccine coverage rates, particularly among preschool (>90% 1-dose coverage) and school-aged children (>95% 2-dose coverage) (*7*). High coverage levels provide herd immunity, decreasing everyone's risk for measles exposure and affording protection to persons who cannot be vaccinated. However, herd immunity does not provide 100% protection, especially in communities with large numbers of unvaccinated persons. For the foreseeable future, measles importations into the United States will continue to occur because measles is still common in Europe and other regions of the world. Within the United States, the current national MMR vaccine coverage rate is adequate to prevent the sustained spread of measles. However, importations of measles likely will continue to cause outbreaks in communities that have sizeable clusters of unvaccinated persons.

Measles is one of the first diseases to reappear when vaccination coverage rates fall. Ongoing outbreaks are occurring in European countries where rates of vaccination coverage are lower than those in the United States, including Austria, Italy, and Switzerland (*3,4*). In June 2008, the United Kingdom's Health Protection Agency declared that, because of a drop in vaccination coverage levels (to 80%–85% among children aged 2 years), measles was again endemic in the United Kingdom (*3,8*), 14 years after it had been eliminated. Since April 2008, two measles-related deaths have been reported in Europe, both in children ineligible to receive MMR vaccine because of congenital immunologic compromise (*4,8*). Such children depend on herd immunity for protection from the disease, as do children aged <12 months, who normally are too young to receive the vaccine. Otherwise healthy children with measles also are at risk for severe complications, including encephalitis and pneumonia, which can lead to permanent disability or death.

The measles outbreaks in Illinois and Washington demonstrate that measles remains a risk for unvaccinated persons and those who come in contact with them (*9,10*). Each school year, parents should ensure that their children's vaccinations are current, regardless of whether the children are returning to school, attending day care, or being schooled at home. Adults without evidence of measles immunity[¶] should receive at least 1 dose of MMR vaccine. All persons who travel internationally also should be up-to-date on their measles vaccination and other vaccinations recommended for countries they might visit. These recommendations include a single dose of MMR vaccine for infant travelers aged 6–11 months and 2 doses, administered at least 28 days apart, for children aged ≥12 months (*5*).

[¶] Documented receipt of 2 doses of live measles virus vaccine, laboratory evidence of immunity, documentation of physician-diagnosed measles, or birth before 1957.

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Nonfatal, Unintentional, Non–Fire-Related Carbon Monoxide Exposures — United States, 2004–2006

Carbon monoxide (CO) is a colorless, odorless, nonirritating gas that is produced through the incomplete combustion of hydrocarbons. Sources of CO include combustion devices (e.g., boilers and furnaces), motor-vehicle exhaust, generators and other gasoline or diesel-powered engines, gas space heat-

ers, woodstoves, gas stoves, fireplaces, tobacco smoke, and various occupational sources (*1*). CO poisoning is a leading cause of unintentional poisoning deaths in the United States; it was responsible for approximately 450 deaths each year during 1999–2004 and an estimated 15,200 emergency department (ED) visits each year during 2001–2003 (*2,3*). Health effects of CO exposure can range from viral-like symptoms (e.g., fatigue, dizziness, headache, confusion, and nausea) to more severe conditions (e.g., disorientation, unconsciousness, long-term neurologic disabilities, coma, cardiorespiratory failure, and death) (*4,5*). CO poisoning often is misdiagnosed and underdetected because of the nonspecific nature of symptoms (*3*). To update a previously published report (*3*) and provide national estimates of CO-related ED visits during 2004–2006, CDC analyzed data from the National Electronic Injury Surveillance System – All Injury Program (NEISS-AIP) database. During 2004–2006, an estimated average of 20,636 ED visits for nonfatal, unintentional, non–fire-related CO exposures occurred each year. Approximately 73% of these exposures occurred in homes, and 41% occurred during winter months (December–February). Prevention efforts targeting residential and seasonal CO exposures can substantially reduce CO-related morbidity.

The NEISS-AIP database is maintained by the U.S. Consumer Product Safety Commission and includes data on all types and causes of injuries treated in U.S. hospital EDs. NEISS-AIP includes 63 of 100 NEISS hospitals selected as a stratified probability sample to represent hospitals in the United States and its territories (*3,6*). Based on the hospital ED records, NEISS personnel document information on sociodemographic characteristics, diagnosis, and patient disposition in a standardized data collection form. Consumer products that are mentioned in relation to the injury event (e.g., CO detectors) are recorded. Information on source of CO exposure, location of incident, and toxic effects is documented in a narrative section.

This analysis included data for ED visits to the 63 NEISS-AIP sample hospitals by all persons with potential exposure to CO. Cases were included in this analysis if 1) the injury was unintentional or the intent was unknown, 2) the principal diagnosis for the ED visit was anoxia or poisoning, and 3) when a related consumer product was mentioned in the ED record, the product was a CO detector or, when the mentioned product type was unknown, and exposure to CO was indicated in the narrative. Cases with fire-related CO exposures (e.g., those including burns or smoke inhalation) and cases including persons who were dead on arrival or who died in the ED were not included.

Cases were classified as CO poisoning, CO exposure, or possible CO exposure. A case was classified as CO poisoning if 1) CO poisoning was listed as a diagnosis or 2) CO exposure or possible CO poisoning was indicated in the narrative and toxic effects were noted. A case was classified as CO exposure if the narrative confirmed a CO exposure and indicated a CO source but noted no toxic effects. A case was classified as possible CO exposure if the narrative indicated a potential CO exposure but no source or toxic effects were mentioned.* Two CDC epidemiologists independently reviewed the data and narratives recorded during ED visits. Discrepancies between these records were reconciled by mutual agreement. The epidemiologists also classified CO source, location of incident, toxic symptoms, and CO detector presence and activation for each exposure.

This report provides estimates based on 1,072 records included in the analysis. Each case was assigned a sample weight based on the inverse of the selection probability; these weights were summed to provide national estimates of nonfatal, unintentional, non–fire-related CO exposures. Three years of data were used to provide stable rates. Confidence intervals were calculated by using a direct variance estimation procedure that accounted for the sample weights and complex sample design. Rates were calculated using the 2000 U.S. Census Bureau postcensal estimates as denominators for the respective years and categories.† Stratum-specific estimates based on unweighted counts of less than 20, a coefficient of variation of ≥30%, or both, might be statistically unstable and were reported where applicable (*3*).

An estimated 61,907 nonfatal, unintentional, non–fire-related cases of CO exposure occurred in the United States during 2004–2006, for an average of 20,636 exposures each year (Table 1). Of these, 68.5% were classified as CO poisoning, 30.6% as CO exposure, and 0.9% as possible CO exposure (Table 2). Overall, 7.0 CO-related ED visits per 100,000 population occurred each year during 2004–2006. Children aged <5 years had the highest estimated rate of CO-related ED visits (11.6 cases per 100,000 population) among all age groups. Among adults, persons aged 25–34 years had the highest estimated rate of CO-related ED visits (10.4 cases per 100,000 population). For older age groups, the estimated rate declined as age increased. Females had a higher estimated rate of CO-related ED visits (7.2 cases per 100,000 population), compared with males (6.7 cases per 100,000 population). The

* CO exposure and possible CO exposure cases likely included persons who had no toxic effects but who 1) visited EDs because they were involved in events in which they believed they might have been exposed to CO, 2) accompanied CO-exposed household members to EDs, or 3) were complying with recommendations of emergency response personnel (e.g., fire department personnel or emergency medical technicians) when high levels of CO were measured in their homes.

† Bridged-race postcensal population estimates available at http://wonder.cdc.gov/bridged-race-v2004.html, http://wonder.cdc.gov/bridged-race-v2005.html, and http://wonder.cdc.gov/bridged-race-v2006.html.

TABLE 1. Average annual estimated number,* percentage, and rate† of nonfatal, unintentional, non–fire-related carbon monoxide (CO) exposure cases, by selected characteristics — United States, 2004–2006

Characteristic	No.	(%)	Rate	(95% CI§)
Age group (yrs)¶				
0–4	2,344	(11.4)	11.6	(7.7–15.4)
5–9	1,407	(6.8)	7.2	(3.8–10.5)
10–14	1,577	(7.6)	7.6	(3.3–11.8)
15–24	3,341	(16.2)	7.9	(5.7–10.1)
25–34	4,183	(20.3)	10.4	(6.5–14.3)
35–44	2,775	(13.5)	6.3	(4.2–8.4)
45–54	2,229	(10.8)	5.2	(3.4–7.1)
55–64	1,444	(7.0)	4.8	(2.9–6.6)
≥65	1,328	(6.4)	3.6	(2.3–4.9)
Sex				
Male	9,770	(47.3)	6.7	(5.0–8.4)
Female	10,866	(52.7)	7.2	(5.0–9.4)
Disposition**				
Treated and released	18,646	(90.4)	6.3	(4.6–8.0)
Hospitalized/Transferred	1,695	(8.2)	0.6	(0.3–0.9)
Other/Unknown††	294	(1.4)	—	—
Total	**20,636**	**(100.0)**	**7.0**	**(5.1–8.8)**

* National estimated number of persons with nonfatal, unintentional, non–fire-related carbon monoxide exposures treated in hospital emergency departments, based on 1,072 cases reported by the National Electronic Injury Surveillance System – All Injury Program (NEISS-AIP).
† Rate per 100,000 population calculated using U.S. Census Bureau postcensal population estimates with bridged-race categories.
§ Confidence interval.
¶ Age data were missing for eight cases.
** Numbers do not sum to total because of rounding of weighted data.
†† Estimates might be unstable because of unweighted counts of <20, coefficient of variation ≥30%, or both.

TABLE 2. Average annual estimated number* and percentage of nonfatal, unintentional, non–fire-related carbon monoxide (CO) exposure cases, by exposure status, season, and location of incident — United States, 2004–2006

Characteristic	No.	(%)	(95% CI†)
Total	**20,636**	**(100.0)**	**—**
Exposure status			
CO poisoning	14,127	(68.5)	(48.0–88.9)
CO exposure	6,320	(30.6)	(19.1–42.1)
Possible CO exposure§	189	(0.9)	—
Season¶ **			
Winter	8,538	(41.4)	(30.2–52.5)
Spring	4,175	(20.2)	(12.3–28.2)
Summer	3,474	(16.8)	(9.5–24.2)
Fall	4,448	(21.6)	(14.0–29.2)
Location of incident**			
Residence	15,030	(72.8)	(53.7–91.9)
Workplace	2,769	(13.4)	(6.0–20.8)
Other	1,162	(5.6)	(3.1–8.2)
Unknown/Not stated/Missing	1,674	(8.1)	(4.3–11.9)

* National estimated number of persons with nonfatal, unintentional, non–fire-related carbon monoxide exposures treated in hospital emergency departments, based on 1,072 cases reported by the National Electronic Injury Surveillance System – All Injury Program (NEISS-AIP).
† Confidence interval.
§ Estimates might be unstable because of unweighted counts of <20, coefficient of variation ≥30%, or both.
¶ Winter: December–February; Spring: March–May; Summer: June–August; Fall: September–November.
** Numbers do not sum to total because of rounding of weighted data.

majority (90.4%) of the patients were released from the ED after examination and treatment, but 8.2% were either hospitalized or transferred to other hospitals for specialized care. The highest percentage of CO exposures (41.4%) occurred during the winter months (Table 2) of December (110 per day), January (96 per day), and February (76 per day) (Figure). The lowest percentage of exposures (16.8%) was observed during the summer. The majority (72.8%) of exposures occurred in homes; approximately 13.4% occurred at workplaces (Table 2).

Data regarding CO source, detector presence and activation, and toxic effects of CO exposures were missing for >30% of cases. Based on unweighted counts, the primary source of CO exposure was home heating systems (16.4%), which included furnaces, boilers, and unspecified heaters. Motor vehicles were reported as the second most common source of CO exposure (8.1%). CO detectors were reported present and activated in 17.8% of all exposures. More than half (54.1%) of all persons visited the ED with one or more symptoms indicating toxic effects of CO exposure, and 29.4% reported having two or more such symptoms. Headache (27.4%), nausea (14.6%), and dizziness (11.8%) were the most frequently reported symptoms.

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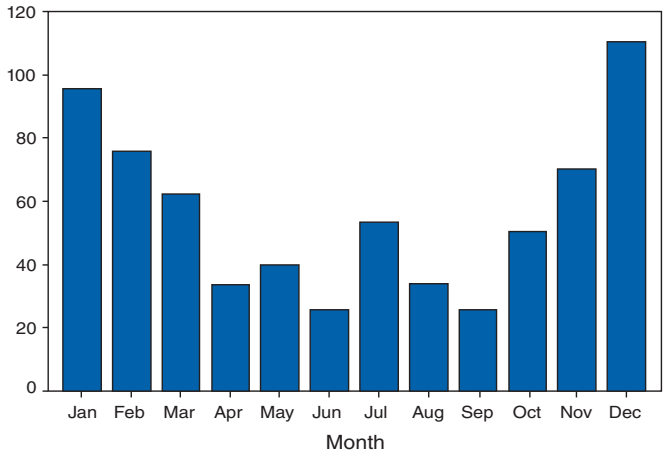
Editorial Note: This report provides the most recent estimates of CO-related ED visits in the United States. During 2004–2006, an average of 20,636 ED visits for nonfatal, unintentional, non–fire-related CO exposures occurred each year. These estimates are higher than the estimated average of 15,200 CO-related ED visits per year reported for 2001–2003 (*3*). Better case ascertainment, increased reporting, or differential in sampling errors might account for this apparent increase; however, the data in this report do not allow drawing of conclusions regarding the cause of the increased visits. During 2004–2006, children aged <5 years had the highest estimated rates of CO-related ED visits and females had higher rates than males. These findings do not correspond to findings on fatal CO exposures, which indicate higher death rates among males and persons aged ≥65 years (*2*). Further research is needed regarding why certain population subgroups are at higher risk for CO exposure.

FIGURE. Average estimated number* of nonfatal, unintentional, non–fire-related carbon monoxide exposure cases per day, by month† — United States, 2004–2006



* National estimated number of persons with nonfatal, unintentional, non–fire-related carbon monoxide exposures treated in hospital emergency departments, based on 1,072 cases reported by the National Electronic Injury Surveillance System – All Injury Program (NEISS-AIP).

† Estimates for May, July, and September might be unstable because the coefficient of variation is ≥30%.

During 2004–2006, approximately 41% of reported cases of CO exposure occurred during the winter. This finding is consistent with previously published data on CO exposure (*3,4,7*). Increased use of home heating systems during winter, exposure to motor-vehicle exhaust by stranded motorists during blizzards, use of gasoline-powered generators during and after winter storms, and indoor use of charcoal grills, portable stoves, and space heaters all have contributed to the increase in CO exposures during winter (*3,4,7*). These findings highlight the importance of initiating and evaluating public health awareness campaigns for reducing CO exposures before and during winter months. The majority (72.8%) of patients were exposed in their homes; accordingly, prevention of residential CO exposures could substantially decrease CO-related morbidities (*2,3*).

The findings in this report are subject to at least three limitations. First, NEISS-AIP data did not include measurements of CO levels at the location of the incident or laboratory data for biologic indicators of CO exposure. ED documentation and narratives were used as a surrogate to assign exposures. Second, toxic effects, CO source, and detector presence and activation were not reported in NEISS-AIP for >30% of cases. Although the estimates for these variables might represent the population sampled, because of missing data, they might not represent national estimates. However, distributions for these factors were similar to those previously reported (*3*). Finally, the NEISS-AIP sample represents patients treated in hospital EDs; patients who sought treatment in other types of facilities (e.g., outpatient settings) or those who did not seek treatment were not included in this report.

Harmful exposures to CO, especially those occurring at home, are preventable. Basic preventive measures, including properly installing and maintaining home heating systems, installing CO detectors, and venting cooking and fuel-burning appliances, can minimize exposures (*2,3*). Additional public health messages geared toward at-risk populations might help reduce the number of CO exposures, especially residential and seasonal exposures. Continued surveillance of CO exposure will aid in developing prevention measures and targeted interventions.

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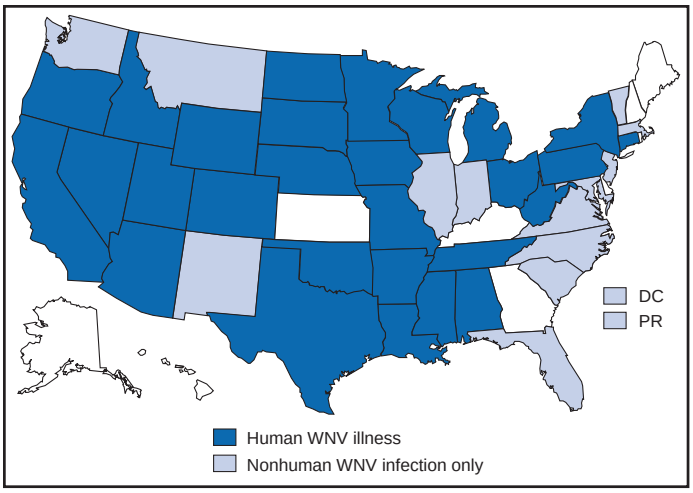
West Nile Virus Update — United States, January 1–August 19, 2008

This report summarizes 2008 West Nile virus (WNV) surveillance data reported to CDC through ArboNET as of 3 a.m. Mountain Daylight Time, August 19, 2008. A total of 28 states have reported 236 cases of human WNV illness to CDC (Figure, Table). A total of 137 (58%) cases for which such data were available occurred in males; median age of patients was 48 years (range: 10 months–86 years). Dates of illness onset ranged from January 17 to August 14; two cases were fatal.

A total of 37 presumptive West Nile viremic blood donors (PVDs) have been reported to ArboNET during 2008. Of these, 20 were reported from California, four from Texas, three each from Louisiana and Minnesota, two from Mississippi, and one each from Arizona, Iowa, Kentucky, Nevada, and

FIGURE. Areas reporting West Nile virus (WNV) activity — United States, 2008*



* As of August 19, 2008.

TABLE. Number of human cases of West Nile virus (WNV) illness, by state — United States, 2008*

State	Neuroinvasive disease†	West Nile fever§	Other clinical/ unspecified¶	Total reported to CDC**	Deaths
Alabama	0	1	0	**1**	0
Arizona	5	0	0	**5**	1
Arkansas	5	0	0	**5**	0
California	46	18	9	**73**	0
Colorado	1	19	0	**20**	0
Connecticut	0	1	0	**1**	0
Idaho	1	7	0	**8**	0
Iowa	1	0	0	**1**	0
Louisiana	1	5	0	**6**	0
Michigan	1	0	0	**1**	0
Minnesota	1	9	0	**10**	0
Mississippi	9	24	0	**33**	1
Missouri	1	2	0	**3**	0
Nebraska	1	1	0	**2**	0
Nevada	1	1	0	**2**	0
New York	2	0	0	**2**	0
North Dakota	2	12	0	**14**	0
Ohio	1	0	0	**1**	0
Oklahoma	2	3	0	**5**	0
Oregon	0	3	0	**3**	0
Pennsylvania	1	0	0	**1**	0
South Dakota	3	11	0	**14**	0
Tennessee	3	3	0	**6**	0
Texas	8	6	0	**14**	0
Utah	0	2	0	**2**	0
West Virginia	1	0	0	**1**	0
Wisconsin	0	0	1	**1**	0
Wyoming	0	1	0	**1**	0
Total	**97**	**129**	**10**	**236**	**2**

* As of August 19, 2008.
† Cases with neurologic manifestations (i.e., West Nile meningitis, West Nile encephalitis, and West Nile myelitis).
§ Cases with no evidence of neuroinvasion.
¶ Illnesses for which sufficient clinical information was not provided.
** Total number of human cases of WNV illness reported to ArboNET by state and local health departments.

Wisconsin. Of the 37 PVDs, one person aged 24 years subsequently had neuroinvasive illness, one person aged 48 years subsequently developed other/unknown illness, and 10 persons (median age: 43 years [range: 29–55 years]) subsequently had West Nile fever.

In addition, 881 dead corvids and 212 other dead birds with WNV infection have been reported in 17 states during 2008. WNV infections have been reported in horses in 14 states and Puerto Rico, in five squirrels in California, and in one unidentified animal species in Puerto Rico. WNV seroconversions have been reported in 88 sentinel chicken flocks in five states (Arizona, California, Florida, Louisiana, and Utah) and Puerto Rico. A total of 3,083 WNV-positive mosquito pools have been reported from 33 states, District of Columbia, and New York City.

Additional information about national WNV activity is available from CDC at http://www.cdc.gov/ncidod/dvbid/westnile/index.htm and at http://westnilemaps.usgs.gov.

Notice to Readers

Clinical Vaccinology Course — November 14–16, 2008

CDC and five other national organizations are collaborating with the National Foundation for Infectious Diseases (NFID), Emory University School of Medicine, and the Emory Vaccine Center to sponsor a Clinical Vaccinology Course to be held November 14–16, 2008, at the Hyatt Regency Bethesda Hotel in Bethesda, Maryland. Through lectures and interactive case presentations, the course will focus on new developments and concerns related to the use of vaccines in pediatric, adolescent, and adult populations. Leading infectious disease experts, including pediatricians, internists, and family physicians will present the latest information on newly available vaccines and vaccines in the pipeline, as well as established vaccines whose continued administration is essential to improving disease prevention efforts.

This course is specifically designed for physicians, nurses, nurse practitioners, physician assistants, pharmacists, vaccine program administrators, and other health-care professionals interested in clinical aspects of vaccinology. The course also might be useful for health-care professionals involved in prevention and control of infectious diseases, including federal, state, and local public health officials.

Continuing education credits will be offered. Information regarding the preliminary program, registration, and hotel accommodations is available at http://www.nfid.org, or by e-mail (idcourse@nfid.org), fax (301-907-0878), telephone (301-656-0003, ext. 19), or mail (NFID, 4733 Bethesda Avenue, Suite 750, Bethesda, MD 20814-5228).

Notice to Readers

International Conference on Rabies in the Americas — September 28–October 3, 2008

The 19th International Conference on Rabies in the Americas (RITA) will be held at CDC's Tom Harkin Global Communications Center in Atlanta, Georgia, September 28–October 3, 2008. September 28 also marks World Rabies Day. The conference attracts international participation from scientists, epidemiologists, laboratorians, and public health professionals with an interest in rabies surveillance, control, and prevention. Presentations will feature the latest findings in rabies research. Scheduled activities include the signing of the North American Rabies Management Plan by U.S., Canadian, and Mexican federal authorities and a World Rabies Day Run/Walk.

The deadline for RITA registration is September 5. Continuing education credits will be offered. Additional information regarding the agenda, registration, the World Rabies Day Run/Walk, and lodging, is available at http://www.rabiesintheamericas.org.

Notice to Readers

Final 2007 Reports of Nationally Notifiable Infectious Diseases

The tables listed in this report on pages 903–913 summarize finalized 2007 data, as of June 30, 2008, from the National Notifiable Diseases Surveillance System (NNDSS). These data will be published in more detail in the *Summary of Notifiable Diseases, United States, 2007* (*1*). Because no cases of diphtheria, neuroinvasive or non-neuroinvasive western equine encephalitis virus disease, paralytic poliomyelitis, nonparalytic poliovirus infection, congenital rubella, severe acute respiratory syndrome-associated coronavirus syndrome, smallpox, or yellow fever were reported in the United States during 2007, these diseases do not appear in these early release tables. Policies for reporting NNDSS data to CDC can vary by disease or reporting jurisdiction, depending on case status classification (i.e., confirmed, probable, or suspected).

The publication criteria used for the 2007 finalized tables are listed in the "Print Criteria" column of the NNDSS event code list, available at http://www.cdc.gov/ncphi/disss/nndss/phs/infdis.htm. The NNDSS website is updated annually to include the latest national surveillance case definitions approved by the Council of State and Territorial Epidemiologists for enumerating data on nationally notifiable infectious diseases.

Population estimates for the states are from the National Center for Health Statistics. Estimates of the July 1, 2000–July 1, 2006, United States resident population are from the Vintage 2006 postcensal series by year, county, age, sex, race, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau, and available at http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm. Population estimates for territories are 2006 estimates from the U.S. Census Bureau (*2*).

References

1. CDC. Summary of notifiable diseases, United States, 2007. MMWR 2007;56(53)(in press).
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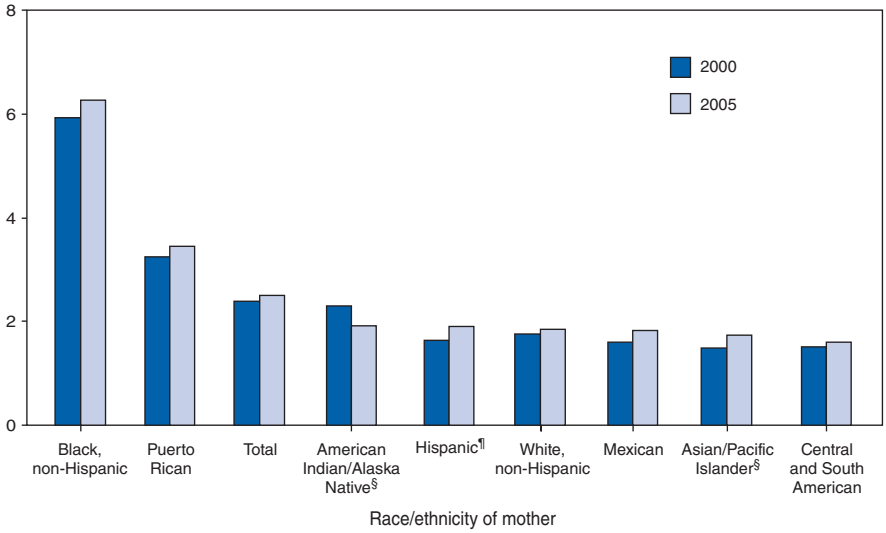
QuickStats

FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

Preterm-Related Infant Mortality* Rates,† by Race/Ethnicity of Mother — United States, 2000 and 2005



* Deaths among infants born at <37 weeks' gestation with cause of death that was a direct cause or consequence of preterm birth. Based on *International Classification of Diseases, Tenth Revision,* codes K550, P000, P010, P011, P015, P020, P021, P027, P070–P073, P102, P220–P229, P250–P279, P280, P281, P360–P369, P520–P523, and P77.

† Per 1,000 live births.

§ Includes persons of Hispanic and non-Hispanic ethnicity.

¶ Includes only three subpopulations: Puerto Rican, Mexican, and Central and South American. A reliable rate could not be computed for Cuban women because of small numbers of preterm-related infant deaths in that subpopulation.

From 2000 to 2005, preterm-related infant mortality rates increased significantly ($p<0.05$) for the total population and for non-Hispanic white, non-Hispanic black, Hispanic, Asian/Pacific Islander, and Mexican women. In 2005, preterm-related infant mortality rates were approximately three times higher for non-Hispanic black women (6.26) and nearly twice as high for Puerto Rican woman (3.44) compared with rates for non-Hispanic white women (1.84). Rates for American Indian/Alaska Native, Mexican, Asian/Pacific Islander, and Central and South American women were similar to the rate for non-Hispanic white women. In 2005, 36.5% of all infant deaths in the United States were attributed to preterm-related causes.

SOURCE: Mathews TJ, MacDorman MF. Infant mortality statistics from the 2005 period linked birth/infant death data set. Natl Vital Stat Rep 2008;57(2). Available at http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_02.pdf.

TABLE 2. Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Total resident population (in thousands)	AIDS†	Anthrax	Botulism			Brucellosis
				Foodborne	Infant	Other§	
United States	299,398	38,151¶	1	32	85	27	131
New England	14,271	1,323	1	—	1	—	—
Connecticut	3,505	540	1	—	1	—	—
Maine	1,322	45	—	—	—	—	—
Massachusetts	6,437	616	—	—	—	—	—
New Hampshire	1,315	51	—	—	—	—	—
Rhode Island	1,068	65	—	—	—	—	—
Vermont	624	6	—	—	—	—	—
Mid. Atlantic	40,472	7,788	—	2	22	3	4
New Jersey	8,725	1,170	—	1	9	—	2
New York (Upstate)	11,092	1,574	—	—	2	1	—
New York City	8,214	3,269	—	—	—	2	1
Pennsylvania	12,441	1,775	—	1	11	—	1
E.N. Central	46,275	3,262	—	7	2	—	12
Illinois	12,832	1,367	—	—	1	—	6
Indiana	6,313	337	—	3	—	—	—
Michigan	10,096	631	—	—	—	—	5
Ohio	11,478	728	—	3	1	—	—
Wisconsin	5,556	199	—	1	—	—	1
W.N. Central	19,942	1,053	—	—	1	—	12
Iowa	2,982	74	—	—	1	—	—
Kansas	2,764	132	—	—	—	—	—
Minnesota	5,167	194	—	—	—	—	7
Missouri	5,843	548	—	—	—	—	2
Nebraska	1,768	82	—	—	—	—	2
North Dakota	636	8	—	—	—	—	1
South Dakota	782	15	—	—	—	—	—
S. Atlantic	57,142	10,787	—	1	8	2	25
Delaware	853	171	—	—	2	—	—
District of Columbia	581	873	—	—	—	—	—
Florida	18,090	3,987	—	—	1	—	10
Georgia	9,364	1,892	—	—	—	—	4
Maryland	5,616	1,400	—	—	2	—	2
North Carolina	8,856	999	—	—	1	2	6
South Carolina	4,321	752	—	—	1	—	3
Virginia	7,643	636	—	1	—	—	—
West Virginia	1,818	77	—	—	1	—	—
E.S. Central	17,755	1,700	—	1	2	—	4
Alabama	4,599	393	—	—	—	—	1
Kentucky	4,206	296	—	—	1	—	—
Mississippi	2,911	352	—	—	—	—	—
Tennessee	6,039	659	—	1	1	—	3
W.S. Central	34,186	4,330	—	3	6	—	27
Arkansas	2,811	197	—	—	2	—	1
Louisiana	4,288	885	—	—	—	—	—
Oklahoma	3,579	270	—	—	—	—	1
Texas	23,508	2,978	—	3	4	—	25
Mountain	20,845	1,539	—	5	7	—	10
Arizona	6,166	609	—	—	1	—	4
Colorado	4,753	353	—	4	2	—	2
Idaho	1,466	23	—	—	—	—	1
Montana	945	25	—	—	—	—	—
Nevada	2,495	336	—	—	—	N	2
New Mexico	1,955	112	—	1	2	—	1
Utah	2,550	69	—	—	2	—	—
Wyoming	515	12	—	—	—	—	—
Pacific	48,510	6,123	—	13	36	22	37
Alaska	670	29	—	10	—	—	—
California	36,458	5,344	—	1	35	20	33
Hawaii	1,285	77	—	—	—	—	1
Oregon	3,701	242	—	1	—	—	2
Washington	6,396	431	—	1	1	2	1
American Samoa	63	—	—	—	—	—	—
C.N.M.I.	82	—	—	—	—	—	—
Guam	171	5	—	—	—	—	—
Puerto Rico	3,928	853	—	—	—	—	N
U.S. Virgin Islands	109	35	—	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

* No cases of diphtheria; neuroinvasive or non-neuroinvasive western equine encephalitis virus disease, poliomyelitis, paralytic, poliovirus infection, nonparalytic, rubella, congenital syndrome, severe acute respiratory syndrome-associated coronavirus syndrome, smallpox and yellow fever were reported in 2007. Data on chronic hepatitis B and hepatitis C virus infection (past or present) are not included because they are undergoing data quality review. Data on human immunodeficiency virus (HIV) infections are not included because HIV infection reporting has been implemented on different dates and using different methods than for AIDS case reporting.

† Total number of acquired immunodeficiency syndrome (AIDS) cases reported to the Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP), through December 31, 2007.

§ Includes cases reported as wound and unspecified botulism.

¶ Includes 246 cases of AIDS in persons with unknown state or area of residence that were reported in 2007.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Chancroid**	Chlamydia††	Cholera	Coccidioidomycosis	Cryptosporidiosis	Cyclosporiasis
United States	23	1,108,374	7	8,121	11,170	93
New England	1	36,429	—	2	335	3
Connecticut	—	11,454	—	N	42	3
Maine	—	2,541	—	N	56	—
Massachusetts	1	16,145	—	N	132	—
New Hampshire	—	2,055	—	2	47	—
Rhode Island	—	3,177	—	—	11	—
Vermont	—	1,057	—	N	47	N
Mid. Atlantic	5	144,722	1	—	1,365	30
New Jersey	—	21,536	—	N	67	9
New York (Upstate)	4	29,975	—	N	254	9
New York City	1	50,742	1	N	105	12
Pennsylvania	—	42,469	—	N	939	N
E.N. Central	2	180,524	2	36	1,921	7
Illinois	—	55,470	—	N	201	3
Indiana	—	20,712	—	N	149	2
Michigan	—	37,353	1	24	211	1
Ohio	—	47,434	1	12	570	—
Wisconsin	2	19,555	—	N	790	1
W.N. Central	—	63,085	—	86	1,659	1
Iowa	—	8,643	—	N	610	—
Kansas	—	8,180	N	N	144	1
Minnesota	—	13,413	—	77	302	—
Missouri	—	23,308	—	9	182	—
Nebraska	—	5,132	—	N	174	N
North Dakota	—	1,789	—	N	78	N
South Dakota	—	2,620	—	N	169	—
S. Atlantic	5	217,935	—	5	1,287	44
Delaware	—	3,479	—	—	20	—
District of Columbia	—	6,029	—	2	3	2
Florida	3	57,575	—	N	667	31
Georgia	—	42,913	—	N	239	3
Maryland	—	23,150	—	3	36	1
North Carolina	2	30,611	—	N	132	4
South Carolina	—	26,431	—	N	88	1
Virginia	—	24,579	—	N	90	2
West Virginia	—	3,168	—	N	12	—
E.S. Central	—	82,503	1	—	616	2
Alabama	—	25,153	—	N	125	N
Kentucky	—	8,798	1	N	249	N
Mississippi	—	21,686	—	N	102	N
Tennessee	—	26,866	—	N	140	2
W.S. Central	9	127,631	1	3	487	2
Arkansas	—	9,954	—	N	63	—
Louisiana	4	19,362	—	3	64	—
Oklahoma	—	12,529	—	N	127	—
Texas	5	85,786	1	N	233	2
Mountain	—	74,414	1	4,998	2,922	3
Arizona	—	24,866	1	4,832	53	—
Colorado	—	17,186	—	N	211	1
Idaho	—	3,722	—	N	464	N
Montana	—	2,748	—	N	75	N
Nevada	—	9,514	—	72	37	N
New Mexico	—	9,460	—	23	125	2
Utah	—	5,721	—	68	1,901	—
Wyoming	—	1,197	—	3	56	—
Pacific	1	181,131	1	2,991	578	1
Alaska	—	4,911	—	N	4	—
California	1	141,928	1	2,991	303	N
Hawaii	—	5,659	—	N	6	N
Oregon	—	9,849	—	N	126	—
Washington	—	18,784	—	N	139	1
American Samoa	—	—	—	N	N	N
C.N.M.I.	—	—	—	—	—	—
Guam	—	822	—	—	—	—
Puerto Rico	—	7,909	—	N	N	N
U.S. Virgin Islands	—	348	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

** Totals reported to the Division of STD Prevention, NCHHSTP, as of May 9, 2008.

†† Totals reported to the Division of STD Prevention, NCHHSTP, as of May 9, 2008. Chlamydia refers to genital infections caused by *Chlamydia trachomatis*.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

	Domestic arboviral diseases§§									
	California serogroup		Eastern equine		Powassan		St. Louis		West Nile	
Area	Neuro-invasive	Nonneuro-invasive	Neuro-invasive	Nonneuro-invasive	Neuro-invasive	Nonneuro-invasive	Neuro-invasive	Nonneuro-invasive	Neuro-invasive	Nonneuro-invasive
United States	50	5	3	1	7	—	8	1	1,227	2,403
New England	—	—	2	1	—	—	—	—	5	6
Connecticut	—	—	—	—	—	—	—	—	2	2
Maine	—	—	—	—	—	—	—	—	—	—
Massachusetts	—	—	—	—	—	—	—	—	3	3
New Hampshire	—	—	2	1	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—	—	1
Vermont	—	—	—	—	—	—	—	—	—	—
Mid. Atlantic	2	—	—	—	6	—	—	—	22	11
New Jersey	—	—	—	—	—	—	—	—	1	—
New York (Upstate)	2	—	—	—	6	—	—	—	3	1
New York City	—	—	—	—	—	—	—	—	13	5
Pennsylvania	—	—	—	—	—	—	—	—	5	5
E.N. Central	12	2	—	—	1	—	—	—	113	65
Illinois	1	—	—	—	—	—	—	—	63	38
Indiana	—	—	—	—	—	—	—	—	14	10
Michigan	—	—	—	—	—	—	—	—	16	1
Ohio	9	—	—	—	—	—	—	—	13	10
Wisconsin	2	2	—	—	1	—	—	—	7	6
W.N. Central	2	—	—	—	—	—	—	1	249	739
Iowa	1	—	—	—	—	—	—	—	12	18
Kansas	—	—	—	—	—	—	—	—	14	26
Minnesota	1	—	—	—	—	—	—	—	44	57
Missouri	—	—	—	—	—	—	—	1	61	16
Nebraska	—	—	—	—	—	—	—	—	21	142
North Dakota	—	—	—	—	—	—	—	—	49	320
South Dakota	—	—	—	—	—	—	—	—	48	160
S. Atlantic	21	2	—	—	—	—	—	—	43	39
Delaware	—	—	—	—	—	—	—	—	1	—
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida	—	—	—	—	—	—	—	—	3	—
Georgia	1	1	—	—	—	—	—	—	23	27
Maryland	—	—	—	—	—	—	—	—	6	4
North Carolina	9	1	—	—	—	—	—	—	4	4
South Carolina	—	—	—	—	—	—	—	—	3	2
Virginia	—	—	—	—	—	—	—	—	3	2
West Virginia	11	—	—	—	—	—	—	—	—	—
E.S. Central	13	1	1	—	—	—	2	—	76	99
Alabama	—	—	1	—	—	—	—	—	17	7
Kentucky	—	—	—	—	—	—	—	—	4	—
Mississippi	—	—	—	—	—	—	2	—	50	86
Tennessee	13	1	—	—	—	—	—	—	5	6
W.S. Central	—	—	—	—	—	—	5	—	269	158
Arkansas	—	—	—	—	—	—	2	—	13	7
Louisiana	—	—	—	—	—	—	3	—	27	13
Oklahoma	—	—	—	—	—	—	—	—	59	48
Texas	—	—	—	—	—	—	—	—	170	90
Mountain	—	—	—	—	—	—	1	—	289	1,041
Arizona	—	—	—	—	—	—	—	—	50	47
Colorado	—	—	—	—	—	—	—	—	99	477
Idaho	—	—	—	—	—	—	—	—	11	121
Montana	—	—	—	—	—	—	—	—	37	165
Nevada	—	—	—	—	—	—	1	—	2	10
New Mexico	—	—	—	—	—	—	—	—	39	21
Utah	—	—	—	—	—	—	—	—	28	42
Wyoming	—	—	—	—	—	—	—	—	23	158
Pacific	—	—	—	—	—	—	—	—	161	245
Alaska	—	—	—	—	—	—	—	—	—	—
California	—	—	—	—	—	—	—	—	154	226
Hawaii	—	—	—	—	—	—	—	—	—	—
Oregon	—	—	—	—	—	—	—	—	7	19
Washington	—	—	—	—	—	—	—	—	—	—
American Samoa	—	—	—	—	—	—	—	—	—	—
C.N.M.I.	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	—	—	—	—	—	—
U.S. Virgin Islands	—	—	—	—	—	—	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

§§ Totals reported to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (NCZVED) (ArboNET Surveillance), as of June 1, 2008.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Ehrlichiosis: Human granulocytic	Ehrlichiosis: Human monocytic	Ehrlichiosis: Human (other and unspecified)	Giardiasis	Gonorrhea¶¶
United States	834	828	337	19,417	355,991
New England	116	29	1	1,461	5,744
Connecticut	31	—	—	370	2,327
Maine	9	3	—	197	118
Massachusetts	64	15	1	605	2,695
New Hampshire	—	—	—	33	138
Rhode Island	11	11	—	85	402
Vermont	1	—	—	171	64
Mid. Atlantic	271	155	4	3,283	36,479
New Jersey	38	69	1	403	6,076
New York (Upstate)	205	67	—	1,275	7,389
New York City	27	17	—	847	10,308
Pennsylvania	1	2	3	758	12,706
E.N. Central	75	42	236	2,867	72,903
Illinois	6	37	7	866	20,813
Indiana	—	—	1	N	8,790
Michigan	—	—	—	620	15,482
Ohio	2	1	—	826	21,066
Wisconsin	67	4	228	555	6,752
W.N. Central	328	246	16	2,237	19,356
Iowa	N	N	N	301	1,928
Kansas	—	1	—	184	2,282
Minnesota	322	42	—	913	3,459
Missouri	5	201	16	515	9,876
Nebraska	1	2	N	160	1,434
North Dakota	N	N	N	60	116
South Dakota	—	—	—	104	261
S. Atlantic	22	145	26	3,088	85,787
Delaware	1	13	—	41	1,293
District of Columbia	N	N	N	74	2,373
Florida	3	18	—	1,268	23,327
Georgia	1	13	—	681	17,835
Maryland	7	21	11	269	6,768
North Carolina	4	53	3	N	16,666
South Carolina	—	3	2	121	10,326
Virginia	6	23	10	582	6,269
West Virginia	—	1	—	52	930
E.S. Central	10	37	10	576	32,212
Alabama	3	10	2	273	10,885
Kentucky	—	4	—	N	3,449
Mississippi	N	N	N	N	8,314
Tennessee	7	23	8	303	9,564
W.S. Central	9	170	41	469	52,205
Arkansas	3	70	9	158	4,168
Louisiana	—	—	—	139	11,137
Oklahoma	6	100	—	172	4,827
Texas	—	—	32	N	32,073
Mountain	—	—	—	1,887	13,884
Arizona	—	—	—	192	5,062
Colorado	N	N	N	580	3,376
Idaho	N	N	N	223	269
Montana	N	N	N	112	122
Nevada	N	N	N	146	2,357
New Mexico	N	N	N	119	1,796
Utah	—	—	—	466	821
Wyoming	—	—	—	49	81
Pacific	3	4	3	3,549	37,421
Alaska	N	N	N	79	579
California	2	4	3	2,336	31,294
Hawaii	N	N	N	77	659
Oregon	1	—	—	462	1,236
Washington	N	N	N	595	3,653
American Samoa	N	N	N	—	—
C.N.M.I.	—	—	—	—	—
Guam	N	N	N	2	141
Puerto Rico	N	N	N	371	323
U.S. Virgin Islands	—	—	—	—	69

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

¶¶ Totals reported to the Division of STD Prevention, NCHHSTP, as of May 9, 2008.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	*Haemophilus influenzae*, invasive disease				Hansen disease (leprosy)	Hantavirus pulmonary syndrome	Hemolytic uremic syndrome, postdiarrheal
	All ages, serotypes	Age <5 years					
		Serotype b	Nonserotype b	Unknown serotype			
United States	2,541	22	199	180	101	32	292
New England	188	2	13	3	5	—	18
Connecticut	54	—	5	—	2	N	11
Maine	13	—	1	—	N	—	1
Massachusetts	89	2	6	1	2	—	2
New Hampshire	18	—	—	2	1	—	1
Rhode Island	10	—	—	—	—	—	—
Vermont	4	—	1	—	N	—	3
Mid. Atlantic	491	—	10	40	10	2	18
New Jersey	70	—	—	8	3	—	3
New York (Upstate)	153	—	8	4	N	—	13
New York City	103	—	—	13	7	—	2
Pennsylvania	165	—	2	15	—	2	N
E.N. Central	401	3	23	30	5	—	47
Illinois	124	—	—	12	1	—	5
Indiana	78	1	4	1	1	—	16
Michigan	31	1	5	6	2	—	6
Ohio	108	—	6	9	1	—	14
Wisconsin	60	1	8	2	—	—	6
W.N. Central	161	2	14	8	3	2	44
Iowa	1	—	—	—	—	—	10
Kansas	11	—	—	2	—	—	—
Minnesota	82	1	11	—	1	—	18
Missouri	42	—	—	5	2	—	9
Nebraska	19	1	3	—	—	1	4
North Dakota	6	—	—	1	N	—	2
South Dakota	—	—	—	—	—	1	1
S. Atlantic	620	1	53	40	12	—	34
Delaware	8	—	—	2	—	—	—
District of Columbia	3	—	—	—	—	—	—
Florida	168	—	18	8	10	—	6
Georgia	127	—	14	11	N	—	14
Maryland	88	—	11	—	—	—	—
North Carolina	59	—	7	1	—	—	12
South Carolina	57	1	2	6	1	—	1
Virginia	80	—	—	11	1	—	1
West Virginia	30	—	1	1	N	—	—
E.S. Central	140	—	2	17	4	—	29
Alabama	29	—	—	2	1	N	7
Kentucky	10	—	—	2	—	—	N
Mississippi	10	—	—	3	2	N	—
Tennessee	91	—	2	10	1	—	22
W.S. Central	131	3	11	4	28	5	22
Arkansas	12	—	2	1	5	—	1
Louisiana	14	—	1	3	—	2	1
Oklahoma	91	—	8	—	—	—	9
Texas	14	3	—	—	23	3	11
Mountain	261	6	47	18	5	18	24
Arizona	91	3	16	5	—	6	8
Colorado	58	1	9	—	1	6	4
Idaho	8	—	3	—	—	1	4
Montana	2	—	—	—	—	2	—
Nevada	12	—	2	3	3	—	N
New Mexico	43	1	6	8	1	3	—
Utah	41	1	11	1	—	—	8
Wyoming	6	—	—	1	—	—	—
Pacific	148	5	26	20	29	5	56
Alaska	15	—	—	4	1	N	N
California	48	2	24	3	13	3	44
Hawaii	12	—	—	1	15	—	—
Oregon	67	—	—	11	N	—	10
Washington	6	3	2	1	—	2	2
American Samoa	—	—	—	—	—	N	N
C.N.M.I.	—	—	—	—	—	—	—
Guam	1	—	—	—	7	N	—
Puerto Rico	2	—	—	1	—	N	N
U.S. Virgin Islands	N	—	—	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Hepatitis, viral, acute A	Hepatitis, viral, acute B	Hepatitis, viral, acute C	Influenza-associated pediatric mortality***	Legionellosis	Listeriosis	Lyme disease	Malaria
United States	2,979	4,519	845	77	2,716	808	27,699	1,408
New England	131	125	48	1	165	51	7,789	94
Connecticut	26	38	20	1	44	13	3,058	30
Maine	5	19	1	—	9	5	529	8
Massachusetts	66	42	10	—	50	25	2,988	34
New Hampshire	12	5	N	—	8	4	899	9
Rhode Island	14	16	8	—	45	3	177	8
Vermont	8	5	9	—	9	1	138	5
Mid. Atlantic	455	561	174	10	842	167	11,293	403
New Jersey	124	162	95	—	116	33	3,134	72
New York (Upstate)	79	89	45	5	234	34	3,748	78
New York City	156	122	—	5	184	39	417	209
Pennsylvania	96	188	34	—	308	61	3,994	44
E.N. Central	343	457	140	6	608	120	2,124	139
Illinois	118	129	16	2	111	34	149	63
Indiana	28	64	14	1	71	18	55	11
Michigan	97	120	89	—	172	23	71	20
Ohio	68	124	20	2	215	33	33	28
Wisconsin	32	20	1	1	39	12	1,816	17
W.N. Central	201	121	32	9	118	32	1,567	57
Iowa	48	26	—	—	11	8	124	3
Kansas	11	9	—	1	10	4	173	4
Minnesota	93	25	28	6	30	6	1,239	29
Missouri	22	39	3	—	46	6	10	8
Nebraska	19	13	1	1	15	6	9	7
North Dakota	2	2	—	—	2	—	12	5
South Dakota	6	7	—	1	4	2	—	1
S. Atlantic	485	1,039	92	12	464	148	4,575	273
Delaware	9	15	—	—	12	3	715	4
District of Columbia	U	U	U	—	17	3	116	3
Florida	152	337	16	2	153	34	30	56
Georgia	67	155	18	5	43	31	11	39
Maryland	73	113	15	—	89	15	2,576	76
North Carolina	66	128	17	1	51	33	53	22
South Carolina	18	65	—	—	17	10	31	7
Virginia	89	144	8	4	61	16	959	65
West Virginia	11	82	18	—	21	3	84	1
E.S. Central	109	385	89	3	102	29	79	39
Alabama	24	128	10	1	12	8	21	7
Kentucky	20	76	29	—	50	2	6	9
Mississippi	8	37	13	—	—	3	2	2
Tennessee	57	144	37	2	40	16	50	21
W.S. Central	319	1,065	120	18	153	76	98	156
Arkansas	14	72	—	—	17	4	8	2
Louisiana	28	100	4	3	6	6	2	14
Oklahoma	13	152	49	1	9	2	1	10
Texas	264	741	67	14	121	64	87	130
Mountain	231	214	44	8	112	41	54	65
Arizona	152	81	—	2	40	12	3	12
Colorado	26	35	20	1	21	11	—	23
Idaho	8	15	4	—	6	1	13	6
Montana	9	1	1	—	3	1	7	3
Nevada	12	49	9	1	9	8	15	3
New Mexico	12	13	5	2	10	4	5	5
Utah	9	15	5	2	20	3	7	13
Wyoming	3	5	—	—	3	1	4	—
Pacific	705	552	106	10	152	144	120	182
Alaska	5	9	—	2	—	2	10	2
California	603	402	72	5	112	102	75	130
Hawaii	7	17	—	—	2	7	N	2
Oregon	31	59	16	—	14	8	23	18
Washington	59	65	18	3	24	25	12	30
American Samoa	—	14	1	—	N	N	N	—
C.N.M.I.	—	—	—	—	—	—	—	—
Guam	—	3	1	—	—	N	—	1
Puerto Rico	64	93	—	—	4	1	N	3
U.S. Virgin Islands	—	—	—	—	—	—	N	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.
*** Totals reported to the Division of Influenza, National Center for Immunization and Respiratory Diseases (NCIRD), as of June 30, 2008.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Measles		Meningococcal disease				
	Indigenous	Imported†††	All serogroups	Serogroup A, C, Y, & W-135	Serogroup B	Other serogroup	Serogroup unknown
United States	14	29	1,077	325	167	35	550
New England	—	1	45	24	11	3	7
Connecticut	—	—	6	4	—	2	—
Maine	—	—	8	4	3	1	—
Massachusetts	—	1	20	13	4	—	3
New Hampshire	—	—	3	1	1	—	1
Rhode Island	—	—	3	1	2	—	—
Vermont	—	—	5	1	1	—	3
Mid. Atlantic	—	11	128	32	8	1	87
New Jersey	—	1	18	—	—	—	18
New York (Upstate)	—	2	38	24	7	1	6
New York City	—	5	22	—	—	—	22
Pennsylvania	—	3	50	8	1	—	41
E.N. Central	3	1	167	53	32	3	79
Illinois	—	1	61	—	—	—	61
Indiana	—	—	31	18	13	—	—
Michigan	3	—	28	13	5	3	7
Ohio	—	—	35	19	6	—	10
Wisconsin	—	—	12	3	8	—	1
W.N. Central	—	1	73	35	14	5	19
Iowa	—	—	15	9	4	—	2
Kansas	—	—	5	—	—	—	5
Minnesota	—	1	26	20	5	1	—
Missouri	—	—	17	1	3	4	9
Nebraska	—	—	5	3	1	—	1
North Dakota	—	—	2	—	—	—	2
South Dakota	—	—	3	2	1	—	—
S. Atlantic	5	3	177	85	43	13	36
Delaware	—	—	1	—	—	—	1
District of Columbia	—	—	—	—	—	—	—
Florida	4	1	67	32	18	7	10
Georgia	—	—	24	13	5	—	6
Maryland	—	—	21	14	5	2	—
North Carolina	1	2	22	11	6	1	4
South Carolina	—	—	16	7	3	1	5
Virginia	—	—	23	7	5	2	9
West Virginia	—	—	3	1	1	—	1
E.S. Central	—	—	54	3	3	—	48
Alabama	—	—	9	2	1	—	6
Kentucky	—	—	13	—	—	—	13
Mississippi	—	—	12	—	—	—	12
Tennessee	—	—	20	1	2	—	17
W.S. Central	5	2	115	46	29	7	33
Arkansas	—	—	9	5	1	—	3
Louisiana	—	—	29	3	3	—	23
Oklahoma	—	—	22	7	10	5	—
Texas	5	2	55	31	15	2	7
Mountain	—	1	69	33	13	3	20
Arizona	—	—	13	2	1	1	9
Colorado	—	—	22	14	7	1	—
Idaho	—	—	8	1	—	—	7
Montana	—	—	3	1	—	—	2
Nevada	—	—	6	3	2	—	1
New Mexico	—	1	3	3	—	—	—
Utah	—	—	12	9	2	1	—
Wyoming	—	—	2	—	1	—	1
Pacific	1	9	249	14	14	—	221
Alaska	—	—	3	—	—	—	3
California	1	3	177	—	—	—	177
Hawaii	—	2	10	—	2	—	8
Oregon	—	1	31	—	—	—	31
Washington	—	3	28	14	12	—	2
American Samoa	—	—	—	—	—	—	—
C.N.M.I.	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—
Puerto Rico	—	—	8	—	—	—	8
U.S. Virgin Islands	—	—	—	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.
††† Imported cases include only those directly related to importation from other countries.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Mumps	Novel influenza A virus infections	Pertussis	Plague	Psittacosis	Q Fever	Rabies		Rocky Mountain spotted fever
							Animal	Human	
United States	800	4	10,454	7	12	171	5,862	1	2,221
New England	43	—	1,552	—	—	8	522	—	10
Connecticut	2	—	89	—	N	—	219	—	—
Maine	24	—	83	—	—	7	86	—	N
Massachusetts	14	—	1,178	—	—	1	N	—	9
New Hampshire	2	—	80	—	—	N	53	—	1
Rhode Island	1	—	59	—	—	—	N	—	—
Vermont	—	—	63	—	—	N	164	—	—
Mid. Atlantic	68	—	1,314	—	2	5	997	—	85
New Jersey	2	—	229	—	1	4	—	—	32
New York (Upstate)	26	—	549	—	1	—	514	—	7
New York City	17	—	150	—	—	—	44	—	28
Pennsylvania	23	—	386	—	—	1	439	—	18
E.N. Central	272	4	1,495	—	4	24	301	—	60
Illinois	170	1	199	—	—	14	—	—	39
Indiana	3	—	68	—	—	—	13	—	6
Michigan	28	1	292	—	2	4	202	—	4
Ohio	20	2	609	—	—	2	86	—	10
Wisconsin	51	—	327	—	2	4	N	—	1
W.N. Central	112	—	909	—	—	26	276	1	369
Iowa	27	—	150	—	—	N	31	—	17
Kansas	28	—	104	—	—	4	110	—	12
Minnesota	28	—	393	—	—	5	40	1	6
Missouri	12	—	118	—	—	12	38	—	315
Nebraska	8	—	70	—	—	4	—	—	14
North Dakota	3	—	14	—	—	—	30	—	—
South Dakota	6	—	60	—	—	1	27	—	5
S. Atlantic	102	—	978	—	—	19	2,184	—	1,020
Delaware	1	—	11	—	—	—	—	—	17
District of Columbia	1	—	9	—	—	—	—	—	3
Florida	21	—	211	—	—	2	128	—	19
Georgia	—	—	37	—	—	3	300	—	60
Maryland	19	—	118	—	—	4	431	—	63
North Carolina	28	—	330	—	—	4	472	—	665
South Carolina	2	—	102	—	—	1	46	—	64
Virginia	27	—	128	—	—	4	730	—	123
West Virginia	3	—	32	—	—	1	77	—	6
E.S. Central	20	—	463	—	2	10	156	—	276
Alabama	14	—	91	N	1	—	—	—	96
Kentucky	—	—	33	—	—	3	21	—	5
Mississippi	2	—	255	—	—	—	3	—	20
Tennessee	4	—	84	—	1	7	132	—	155
W.S. Central	34	—	1,303	—	—	16	1,086	—	361
Arkansas	4	—	173	—	—	1	33	—	122
Louisiana	1	—	21	—	—	4	6	—	4
Oklahoma	8	—	58	—	—	N	78	—	186
Texas	21	—	1,051	—	N	11	969	—	49
Mountain	49	—	1,137	7	2	41	97	—	37
Arizona	10	—	210	2	—	2	N	—	10
Colorado	17	—	307	—	2	19	—	—	3
Idaho	7	—	45	—	—	—	12	—	4
Montana	1	—	53	—	—	—	21	—	1
Nevada	12	—	37	—	—	8	13	—	—
New Mexico	—	—	74	5	—	12	15	—	6
Utah	1	—	387	—	—	—	16	—	—
Wyoming	1	—	24	—	—	—	20	—	13
Pacific	100	—	1,303	—	2	22	243	—	3
Alaska	2	—	89	—	—	—	45	—	N
California	42	—	590	—	1	20	186	—	1
Hawaii	2	—	19	—	—	—	—	—	N
Oregon	1	—	123	—	1	1	12	—	2
Washington	53	—	482	—	—	1	—	—	N
American Samoa	1	—	—	—	N	N	N	N	N
C.N.M.I.	—	—	—	—	—	—	—	—	—
Guam	6	—	—	—	N	N	—	—	N
Puerto Rico	6	—	—	—	N	N	48	—	N
U.S. Virgin Islands	—	—	—	—	—	—	N	—	N

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Rubella	Salmonellosis	Shiga toxin-producing *E. Coli* (STEC)§§§	Shigellosis	Streptococcal disease, invasive, group A	Streptococcal toxic-shock syndrome
United States	12	47,995	4,847	19,758	5,294	132
New England	1	2,239	315	250	409	38
Connecticut	—	431	71	44	132	36
Maine	—	138	41	14	28	N
Massachusetts	1	1,305	145	155	190	—
New Hampshire	—	171	35	7	27	—
Rhode Island	—	111	8	25	14	—
Vermont	—	83	15	5	18	2
Mid. Atlantic	5	5,946	531	939	946	4
New Jersey	4	1,226	118	184	173	1
New York (Upstate)	—	1,476	208	185	295	—
New York City	1	1,296	50	283	226	—
Pennsylvania	—	1,948	155	287	252	3
E.N. Central	4	5,923	746	3,186	987	56
Illinois	1	1,966	131	781	293	33
Indiana	—	675	105	296	128	10
Michigan	3	966	128	83	201	2
Ohio	—	1,322	155	1,257	239	11
Wisconsin	—	994	227	769	126	—
W.N. Central	—	2,877	780	1,819	351	5
Iowa	—	477	175	109	—	—
Kansas	—	405	52	26	32	—
Minnesota	—	701	232	237	173	3
Missouri	—	764	152	1,276	85	1
Nebraska	—	275	93	28	25	1
North Dakota	—	81	29	21	24	—
South Dakota	—	174	47	122	12	—
S. Atlantic	1	12,650	710	4,772	1,264	14
Delaware	—	140	16	11	10	1
District of Columbia	—	64	—	18	17	—
Florida	—	5,022	164	2,288	309	N
Georgia	—	2,031	94	1,641	259	—
Maryland	1	903	85	117	212	—
North Carolina	—	1,844	153	105	167	7
South Carolina	—	1,166	14	220	101	—
Virginia	—	1,249	165	200	162	1
West Virginia	—	231	19	172	27	5
E.S. Central	—	3,482	319	3,037	213	4
Alabama	—	980	67	741	N	N
Kentucky	—	574	123	504	41	4
Mississippi	—	1,048	8	1,420	N	N
Tennessee	—	880	121	372	172	—
W.S. Central	—	6,065	300	3,117	401	—
Arkansas	—	847	45	105	19	—
Louisiana	—	978	12	493	16	—
Oklahoma	—	706	33	161	85	N
Texas	—	3,534	210	2,358	281	N
Mountain	—	2,752	589	983	574	10
Arizona	—	1,001	106	557	208	—
Colorado	—	563	154	123	145	1
Idaho	—	155	133	14	18	—
Montana	—	121	—	27	N	N
Nevada	—	263	31	79	2	4
New Mexico	—	290	42	108	107	1
Utah	—	286	100	42	89	4
Wyoming	—	73	23	33	5	—
Pacific	1	6,061	557	1,655	149	1
Alaska	—	87	5	8	25	1
California	1	4,571	293	1,331	—	—
Hawaii	—	313	39	71	124	—
Oregon	—	330	79	86	N	N
Washington	—	760	141	159	N	N
American Samoa	—	—	—	5	4	N
C.N.M.I.	—	—	—	—	—	—
Guam	—	20	—	19	14	—
Puerto Rico	1	949	1	24	N	N
U.S. Virgin Islands	—	—	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

§§§ Includes *E-coli* O157:H7; shiga toxin-positive, serogroup non-O157; and shiga toxin-positive, not serogrouped.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	*Streptococcus pneumoniae*, invasive disease, drug-resistant		*Streptococcus pneumoniae*, invasive disease, nondrug-resistant	Syphilis¶¶¶			Tetanus	Toxic-shock syndrome	Trichinellosis
	All ages	Age <5 yrs	age <5 yrs	All stages****	Congenital (age <1 yr)	Primary and secondary			
United States	3,329	563	2,032	40,920	430	11,466	28	92	5
New England	156	21	141	707	2	279	1	1	—
Connecticut	99	11	24	148	2	39	—	N	—
Maine	13	3	4	21	—	9	—	N	—
Massachusetts	2	2	89	399	—	155	—	—	—
New Hampshire	—	—	13	52	—	30	1	1	—
Rhode Island	24	3	9	76	—	36	—	—	—
Vermont	18	2	2	11	—	10	—	—	—
Mid. Atlantic	168	31	350	6,769	35	1,558	3	18	4
New Jersey	—	—	75	926	11	227	—	5	1
New York (Upstate)	58	12	123	798	8	155	2	5	2
New York City	—	—	152	4,201	8	913	1	—	1
Pennsylvania	110	19	N	844	8	263	—	8	—
E.N. Central	847	139	334	2,628	29	901	2	23	—
Illinois	225	49	84	1,220	10	464	2	9	—
Indiana	203	36	37	217	3	54	—	2	—
Michigan	3	2	84	472	14	123	—	8	—
Ohio	416	52	69	549	1	194	—	2	—
Wisconsin	—	—	60	170	1	66	—	2	—
W.N. Central	360	53	116	876	2	359	5	17	—
Iowa	—	—	—	65	1	21	—	—	—
Kansas	90	10	3	97	—	28	1	—	—
Minnesota	186	35	66	186	—	59	1	9	—
Missouri	65	3	27	484	1	239	3	3	—
Nebraska	2	—	18	30	—	4	—	5	—
North Dakota	—	—	1	2	—	1	—	—	—
South Dakota	17	5	1	12	—	7	—	—	—
S. Atlantic	1,349	249	349	10,088	63	2,784	9	9	—
Delaware	11	2	—	63	—	18	—	—	—
District of Columbia	21	1	3	416	1	178	1	—	—
Florida	726	134	71	3,918	20	913	5	N	—
Georgia	510	103	85	2,254	9	680	2	1	N
Maryland	1	—	72	1,170	23	345	1	N	—
North Carolina	N	—	N	1,093	7	323	—	7	—
South Carolina	—	—	58	411	1	91	—	—	—
Virginia	N	—	52	736	1	230	—	1	—
West Virginia	80	9	8	27	1	6	—	—	—
E.S. Central	282	38	119	3,078	13	936	2	9	—
Alabama	N	—	N	1,006	9	380	1	3	—
Kentucky	28	3	N	153	—	56	—	6	N
Mississippi	61	—	13	707	—	133	—	N	—
Tennessee	193	35	106	1,212	4	367	1	—	—
W.S. Central	96	14	350	7,900	150	1,880	—	1	—
Arkansas	6	2	19	371	12	122	—	—	N
Louisiana	90	12	39	1,807	36	533	—	1	—
Oklahoma	N	—	65	216	3	65	—	N	—
Texas	—	—	227	5,506	99	1,160	—	N	—
Mountain	68	15	259	2,051	45	543	2	12	—
Arizona	—	—	128	1,245	30	296	—	5	—
Colorado	—	—	52	157	2	57	—	4	—
Idaho	N	—	2	14	—	1	—	1	—
Montana	—	—	1	8	—	8	1	N	—
Nevada	N	—	N	396	7	111	—	—	—
New Mexico	—	—	44	180	6	46	1	—	—
Utah	51	12	32	45	—	20	—	2	—
Wyoming	17	3	—	6	—	4	—	—	—
Pacific	3	3	14	6,823	91	2,226	4	2	1
Alaska	N	—	N	16	—	7	—	N	—
California	N	—	N	6,323	87	2,038	4	2	1
Hawaii	3	3	14	58	—	9	—	N	—
Oregon	N	—	N	59	2	18	—	N	—
Washington	N	—	N	367	2	154	—	N	—
American Samoa	N	N	N	—	—	—	—	N	N
C.N.M.I.	—	—	—	—	—	—	—	—	—
Guam	—	—	—	37	2	8	—	—	—
Puerto Rico	—	—	N	1,267	8	169	3	N	N
U.S. Virgin Islands	—	—	N	5	—	—	—	—	—

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

¶¶¶ Totals reported to the Division of STD Prevention, NCHHSTP, as of May 9, 2008.

**** Includes the following categories: primary, secondary, latent (including neurosyphilis, early latent, late latent, late with clinical manifestations other than neurosyphilis, and unknown latent), and congenital syphilis.

TABLE 2. (*Continued*) Reported cases of notifiable diseases,* by geographic division and area — United States, 2007

Area	Tuberculosis††††	Tularemia	Typhoid fever	Vancomycin-intermediate *Staphylococcus aureus*	Vancomycin-resistant *Staphylococcus aureus*	Varicella (morbidity)	Varicella (mortality)	Vibriosis
United States	13,299	137	434	37	2	40,146	6	549
New England	410	8	26	2	—	2,551	2	38
Connecticut	108	—	8	1	—	1,440	2	16
Maine	19	—	—	N	—	357	—	—
Massachusetts	224	7	15	1	—	—	N	20
New Hampshire	11	1	1	N	—	374	—	1
Rhode Island	45	—	2	—	—	—	—	—
Vermont	3	—	—	—	—	380	—	1
Mid. Atlantic	1,918	2	131	17	—	4,680	1	20
New Jersey	467	1	35	N	N	N	N	17
New York (Upstate)	261	—	16	2	—	N	N	N
New York City	914	1	70	13	—	N	1	3
Pennsylvania	276	—	10	2	—	4,680	—	N
E.N. Central	1,197	2	47	4	2	11,309	—	9
Illinois	521	1	24	—	—	1,091	N	N
Indiana	128	1	2	N	—	444	—	3
Michigan	226	—	7	—	2	4,187	—	N
Ohio	252	—	11	4	—	4,536	—	6
Wisconsin	70	—	3	N	N	1,051	N	N
W.N. Central	504	57	13	3	—	1,733	—	—
Iowa	43	—	1	—	—	N	N	N
Kansas	59	4	1	N	N	586	N	N
Minnesota	238	1	8	—	—	—	—	—
Missouri	119	35	3	3	—	923	—	N
Nebraska	25	10	—	—	—	N	N	N
North Dakota	7	—	—	—	—	140	N	N
South Dakota	13	7	—	—	—	84	—	N
S. Atlantic	2,708	5	83	5	—	5,296	—	216
Delaware	19	—	2	—	—	49	N	7
District of Columbia	60	—	1	N	N	32	—	3
Florida	989	—	15	1	—	1,321	—	97
Georgia	474	—	17	1	—	N	N	23
Maryland	270	1	17	N	N	N	—	25
North Carolina	345	1	8	—	—	N	N	20
South Carolina	218	—	1	2	—	1,103	—	8
Virginia	309	3	21	1	—	1,582	—	33
West Virginia	24	—	1	—	—	1,209	—	N
E.S. Central	666	3	4	—	—	701	—	23
Alabama	175	—	3	N	N	699	N	10
Kentucky	120	1	—	N	N	N	N	—
Mississippi	137	—	—	N	N	2	N	9
Tennessee	234	2	1	—	—	N	—	4
W.S. Central	1,983	34	25	4	—	10,992	—	62
Arkansas	106	15	—	—	—	808	—	N
Louisiana	218	—	—	—	—	123	N	—
Oklahoma	149	18	3	1	—	N	N	2
Texas	1,510	1	22	3	—	10,061	N	60
Mountain	629	20	17	2	—	2,798	—	17
Arizona	304	3	7	1	—	—	—	11
Colorado	111	3	6	N	—	1,089	N	6
Idaho	9	—	—	N	N	N	N	N
Montana	11	—	—	N	N	424	—	N
Nevada	102	—	—	—	—	N	N	N
New Mexico	51	1	1	N	N	422	N	—
Utah	39	9	3	1	—	828	—	—
Wyoming	2	4	—	—	—	35	—	—
Pacific	3,284	6	88	—	—	86	3	164
Alaska	51	1	—	N	N	43	N	2
California	2,726	1	71	N	N	—	2	104
Hawaii	122	—	6	N	N	43	N	25
Oregon	94	3	4	N	N	N	N	8
Washington	291	1	7	N	N	N	1	25
American Samoa	3	—	—	N	N	N	N	N
C.N.M.I.	41	—	—	—	—	—	—	—
Guam	92	—	—	N	—	239	—	1
Puerto Rico	98	N	—	—	—	727	N	N
U.S. Virgin Islands	—	—	—	N	—	—	N	N

N: Not notifiable. U: Unavailable. —: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

†††† Totals reported to the Division of Tuberculosis Elimination, NCHHSTP, as of May 16, 2008.

TABLE 1. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending August 16, 2008 (33rd week)*

Disease	Current week	Cum 2008	5-year weekly average†	Total cases reported for previous years 2007	2006	2005	2004	2003	States reporting cases during current week (No.)
Anthrax	—	—	0	1	1	—	—	—	
Botulism:									
foodborne	—	6	1	32	20	19	16	20	
infant	—	54	2	85	97	85	87	76	
other (wound & unspecified)	—	9	1	27	48	31	30	33	
Brucellosis	—	46	3	131	121	120	114	104	
Chancroid	—	23	0	23	33	17	30	54	
Cholera	—	—	0	7	9	8	6	2	
Cyclosporiasis§	1	90	3	92	137	543	160	75	MN (1)
Diphtheria	—	—	—	—	—	—	—	1	
Domestic arboviral diseases§,¶:									
California serogroup	—	13	6	55	67	80	112	108	
eastern equine	—	1	1	4	8	21	6	14	
Powassan	—	—	0	7	1	1	1	—	
St. Louis	—	5	2	9	10	13	12	41	
western equine	—	—	—	—	—	—	—	—	
Ehrlichiosis/Anaplasmosis§,**:									
Ehrlichia chaffeensis	34	393	18	828	578	506	338	321	MN (3), MO (4), MD (3), VA (3), SC (1), TN (9), OK (11)
Ehrlichia ewingii	1	4	—	—	—	—	—	—	MO (1)
Anaplasma phagocytophilum	16	155	19	834	646	786	537	362	MN (16)
undetermined	5	39	4	337	231	112	59	44	TN (5)
Haemophilus influenzae,†† invasive disease (age <5 yrs):									
serotype b	—	16	0	22	29	9	19	32	
nonserotype b	1	106	2	199	175	135	135	117	CT (1)
unknown serotype	—	137	4	180	179	217	177	227	
Hansen disease§	—	41	1	101	66	87	105	95	
Hantavirus pulmonary syndrome§	—	7	0	32	40	26	24	26	
Hemolytic uremic syndrome, postdiarrheal§	2	93	8	292	288	221	200	178	ME (1), FL (1)
Hepatitis C viral, acute	10	498	15	849	766	652	720	1,102	NY (1), OH (1), MI (2), FL (2), TN (1), OK (1), NV (1), WA (1)
HIV infection, pediatric (age <13 years)§§	—	—	2	—	—	380	436	504	
Influenza-associated pediatric mortality§,¶¶	—	87	0	77	43	45	—	N	
Listeriosis	14	344	22	808	884	896	753	696	PA (1), OH (1), MI (1), WI (1), NE (1), FL (2), TN (1), CO (1), CA (5)
Measles***	—	124	1	43	55	66	37	56	
Meningococcal disease, invasive†††:									
A, C, Y, & W-135	—	185	4	325	318	297	—	—	
serogroup B	—	110	2	167	193	156	—	—	
other serogroup	—	22	0	35	32	27	—	—	
unknown serogroup	3	421	8	550	651	765	—	—	NY (1), NYC (1), AZ (1)
Mumps	4	265	13	800	6,584	314	258	231	TX (2), CO (2)
Novel influenza A virus infections	—	—	0	1	N	N	N	N	
Plague	—	1	0	7	17	8	3	1	
Poliomyelitis, paralytic	—	—	—	—	—	1	—	—	
Polio virus infection, nonparalytic§	—	—	—	—	N	N	N	N	
Psittacosis§	—	6	0	12	21	16	12	12	
Qfever§,§§§ total:	1	68	3	171	169	136	70	71	
acute	1	63	—	—	—	—	—	—	CA (1)
chronic	—	5	—	—	—	—	—	—	
Rabies, human	—	—	0	1	3	2	7	2	
Rubella¶¶¶	—	9	0	12	11	11	10	7	
Rubella, congenital syndrome	—	—	—	—	1	1	—	1	
SARS-CoV§,****	—	—	—	—	—	—	—	8	
Smallpox§	—	—	—	—	—	—	—	—	
Streptococcal toxic-shock syndrome§	1	96	1	132	125	129	132	161	CT (1)
Syphilis, congenital (age <1 yr)	—	117	8	430	349	329	353	413	
Tetanus	1	7	1	28	41	27	34	20	MN (1)
Toxic-shock syndrome (staphylococcal)§	—	40	2	92	101	90	95	133	
Trichinellosis	—	5	0	5	15	16	5	6	
Tularemia	4	59	4	137	95	154	134	129	MO (1), OK (3)
Typhoid fever	7	220	10	434	353	324	322	356	PA (1), MN (1), VA (1), OK (1), CA (3)
Vancomycin-intermediate *Staphylococcus aureus*§	—	6	0	28	6	2	—	N	
Vancomycin-resistant *Staphylococcus aureus*§	—	—	—	2	1	3	1	N	
Vibriosis (noncholera *Vibrio* species infections)§	7	186	11	447	N	N	N	N	MD (1), TN (1), OK (3), WA (2)
Yellow fever	—	—	—	—	—	—	—	—	

See footnotes on next page.

TABLE 1. (*Continued*) Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending August 16, 2008 (33rd week)*

—: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts.

* Incidence data for reporting years 2007 and 2008 are provisional, whereas data for 2003, 2004, 2005, and 2006 are finalized.

† Calculated by summing the incidence counts for the current week, the 2 weeks preceding the current week, and the 2 weeks following the current week, for a total of 5 preceding years. Additional information is available at http://www.cdc.gov/epo/dphsi/phs/files/5yearweeklyaverage.pdf.

§ Not notifiable in all states. Data from states where the condition is not notifiable are excluded from this table, except in 2007 and 2008 for the domestic arboviral diseases and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/epo/dphsi/phs/infdis.htm.

¶ Includes both neuroinvasive and nonneuroinvasive. Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for West Nile virus are available in Table II.

** The names of the reporting categories changed in 2008 as a result of revisions to the case definitions. Cases reported prior to 2008 were reported in the categories: Ehrlichiosis, human monocytic (analogous to *E. chaffeensis*); Ehrlichiosis, human granulocytic (analogous to *Anaplasma phagocytophilum*), and Ehrlichiosis, unspecified, or other agent (which included cases unable to be clearly placed in other categories, as well as possible cases of *E. ewingii*).

†† Data for *H. influenzae* (all ages, all serotypes) are available in Table II.

§§ Updated monthly from reports to the Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. Implementation of HIV reporting influences the number of cases reported. Updates of pediatric HIV data have been temporarily suspended until upgrading of the national HIV/AIDS surveillance data management system is completed. Data for HIV/AIDS, when available, are displayed in Table IV, which appears quarterly.

¶¶ Updated weekly from reports to the Influenza Division, National Center for Immunization and Respiratory Diseases. Eighty five cases occurring during the 2007-08 influenza season have been reported.

*** No measles cases were reported for the current week.

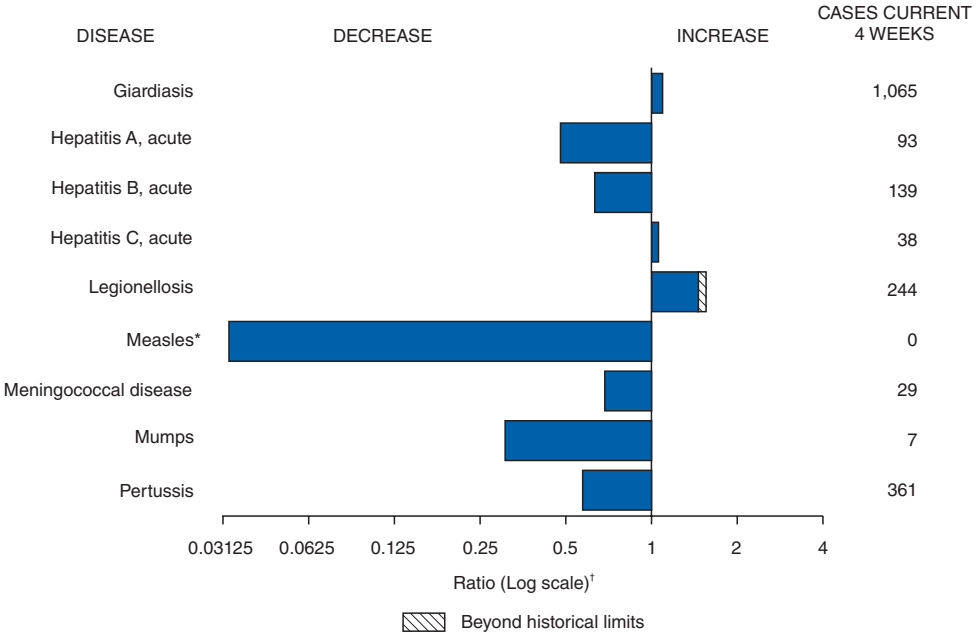
††† Data for meningococcal disease (all serogroups) are available in Table II.

§§§ In 2008, Q fever acute and chronic reporting categories were recognized as a result of revisions to the Q fever case definition. Prior to that time, case counts were not differentiated with respect to acute and chronic Q fever cases.

¶¶¶ No rubella cases were reported for the current week.

**** Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases.

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals August 16, 2008, with historical data



* No measles cases were reported for the current 4-week period yielding a ratio for week 33 of zero (0)

† Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

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TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Chlamydia†					Coccidiodomycosis					Cryptosporidiosis				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	12,545	21,090	28,892	661,920	686,925	104	126	341	4,114	4,862	145	94	975	2,724	3,538
New England	894	676	1,516	22,696	22,185	—	0	1	1	2	4	5	21	159	181
Connecticut	227	205	1,093	6,563	6,631	N	0	0	N	N	—	0	19	19	42
Maine§	53	49	73	1,591	1,609	N	0	0	N	N	2	0	5	19	28
Massachusetts	510	320	660	11,107	10,021	N	0	0	N	N	—	2	11	48	58
New Hampshire	34	39	73	1,285	1,295	—	0	1	1	2	—	1	4	37	30
Rhode Island§	56	56	98	1,755	1,981	—	0	0	—	—	—	0	3	4	5
Vermont§	14	17	44	395	648	N	0	0	N	N	2	1	4	32	18
Mid. Atlantic	2,818	2,773	5,071	92,655	89,169	—	0	0	—	—	10	13	120	376	617
New Jersey	197	408	523	11,987	13,524	N	0	0	N	N	—	0	8	10	26
New York (Upstate)	646	564	2,177	17,258	16,015	N	0	0	N	N	5	5	20	126	95
New York City	1,558	1,013	3,133	36,764	32,340	N	0	0	N	N	—	2	8	52	51
Pennsylvania	417	803	1,048	26,646	27,290	N	0	0	N	N	5	6	95	188	445
E.N. Central	1,111	3,551	4,460	109,117	112,437	—	1	3	33	22	70	23	134	760	744
Illinois	2	1,031	1,711	30,495	32,708	N	0	0	N	N	—	2	13	55	88
Indiana	317	382	656	12,791	13,251	N	0	0	N	N	11	3	41	110	38
Michigan	674	775	1,225	27,963	23,853	—	0	3	25	17	5	5	11	140	107
Ohio	33	868	1,530	26,919	30,211	—	0	1	8	5	53	6	60	234	162
Wisconsin	85	368	615	10,949	12,414	N	0	0	N	N	1	8	60	221	349
W.N. Central	642	1,233	1,700	39,945	39,512	—	0	77	1	6	17	18	125	459	612
Iowa	—	159	238	5,057	5,481	N	0	0	N	N	2	4	61	112	239
Kansas	187	164	529	5,873	5,065	N	0	0	N	N	1	1	15	34	45
Minnesota	2	260	373	7,734	8,463	—	0	77	—	—	11	5	34	119	94
Missouri	303	470	572	15,269	14,522	—	0	1	1	6	2	3	14	97	72
Nebraska§	99	94	251	3,194	3,350	N	0	0	N	N	1	2	24	62	53
North Dakota	51	34	65	1,128	1,059	N	0	0	N	N	—	0	51	3	7
South Dakota	—	54	81	1,690	1,572	N	0	0	N	N	—	1	16	32	102
S. Atlantic	3,539	3,880	7,609	117,114	134,902	—	0	1	2	3	25	17	65	465	553
Delaware	107	65	150	2,351	2,232	—	0	1	1	—	—	0	4	9	7
District of Columbia	21	131	216	4,481	3,772	—	0	1	—	1	—	0	2	3	1
Florida	1,213	1,311	1,555	43,599	34,818	N	0	0	N	N	17	8	35	223	257
Georgia	1	555	1,338	8,138	26,891	N	0	0	N	N	3	4	14	128	125
Maryland§	509	462	667	14,226	13,396	—	0	1	1	2	1	0	4	9	18
North Carolina	—	171	4,783	5,901	18,244	N	0	0	N	N	—	0	18	16	51
South Carolina§	978	449	3,056	16,985	17,679	N	0	0	N	N	1	1	15	25	47
Virginia§	685	528	1,062	19,498	15,886	N	0	0	N	N	3	1	6	40	42
West Virginia	25	59	96	1,935	1,984	N	0	0	N	N	—	0	5	12	5
E.S. Central	1,448	1,554	2,394	51,294	52,167	—	0	0	—	—	1	4	64	82	191
Alabama§	45	476	605	14,630	16,133	N	0	0	N	N	1	2	14	37	43
Kentucky	256	231	361	7,141	4,695	N	0	0	N	N	—	1	40	17	79
Mississippi	558	369	1,048	12,372	14,028	N	0	0	N	N	—	0	11	7	35
Tennessee§	589	515	784	17,151	17,311	N	0	0	N	N	—	1	18	21	34
W.S. Central	496	2,728	4,426	89,514	76,929	—	0	1	2	2	8	5	37	124	166
Arkansas§	277	261	455	9,006	5,724	N	0	0	N	N	—	1	8	15	18
Louisiana	162	387	729	12,605	12,544	—	0	1	2	2	—	1	5	24	36
Oklahoma	57	219	416	6,404	8,299	N	0	0	N	N	8	1	9	36	49
Texas§	—	1,853	3,923	61,499	50,362	N	0	0	N	N	—	2	28	49	63
Mountain	306	1,346	1,811	37,623	46,640	80	89	170	2,776	3,019	10	10	567	254	393
Arizona	39	477	650	14,584	15,570	78	85	168	2,714	2,925	4	1	8	46	26
Colorado	30	273	488	5,480	11,074	N	0	0	N	N	6	2	26	58	65
Idaho§	—	59	259	2,263	2,313	N	0	0	N	N	—	2	71	37	19
Montana§	—	48	363	1,854	1,741	N	0	0	N	N	—	1	7	32	34
Nevada§	150	183	416	5,793	6,093	2	1	7	40	38	—	0	6	8	8
New Mexico§	—	141	561	3,967	5,762	—	0	3	16	17	—	2	7	46	73
Utah	87	120	209	3,671	3,320	—	0	7	4	36	—	1	484	19	140
Wyoming§	—	0	34	11	767	—	0	1	2	3	—	0	7	8	28
Pacific	1,291	3,318	4,676	101,962	112,984	24	31	217	1,299	1,808	—	1	11	45	81
Alaska	61	94	129	2,910	3,116	N	0	0	N	N	—	0	1	2	3
California	1,230	2,820	4,115	90,057	88,224	24	31	217	1,299	1,808	—	0	0	—	—
Hawaii	—	108	151	3,337	3,620	N	0	0	N	N	—	0	1	1	4
Oregon§	—	180	402	5,545	6,012	N	0	0	N	N	—	1	11	42	74
Washington	—	0	498	113	12,012	N	0	0	N	N	—	0	0	—	—
American Samoa	—	0	22	73	73	N	0	0	N	N	N	0	0	N	N
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	9	26	103	535	—	0	0	—	—	—	0	0	—	—
Puerto Rico	209	129	612	4,694	4,883	N	0	0	N	N	N	0	0	N	N
U.S. Virgin Islands	—	20	42	678	121	—	0	0	—	—	—	0	0	—	—

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional. Data for HIV/AIDS, AIDS, and TB, when available, are displayed in Table IV, which appears quarterly.
† Chlamydia refers to genital infections caused by *Chlamydia trachomatis*.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Giardiasis					Gonorrhea					*Haemophilus influenzae*, invasive All ages, all serotypes†				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	253	303	1,158	9,367	10,081	3,530	6,176	8,913	185,729	220,461	26	48	173	1,683	1,643
New England	3	24	58	704	797	125	100	227	3,213	3,534	3	3	12	108	122
Connecticut	—	6	18	178	198	50	49	199	1,469	1,334	3	0	9	26	29
Maine§	2	4	10	89	101	5	2	7	60	84	—	0	3	9	8
Massachusetts	—	9	23	254	359	65	41	127	1,383	1,716	—	2	5	49	62
New Hampshire	—	2	4	63	15	1	2	6	70	98	—	0	1	8	14
Rhode Island§	—	1	15	46	31	3	7	13	212	262	—	0	2	9	7
Vermont§	1	2	9	74	93	1	1	5	19	40	—	0	3	7	2
Mid. Atlantic	32	60	131	1,689	1,758	658	628	1,028	20,824	22,935	3	10	31	339	319
New Jersey	—	6	15	132	244	68	111	174	3,286	3,811	—	1	7	50	49
New York (Upstate)	17	23	111	648	602	152	127	545	3,886	3,857	1	3	22	96	90
New York City	5	16	29	475	518	303	169	522	6,479	6,967	—	2	6	61	63
Pennsylvania	10	15	29	434	394	135	230	394	7,173	8,300	2	4	9	132	117
E.N. Central	36	46	96	1,466	1,638	423	1,297	1,626	38,288	45,763	2	8	28	260	251
Illinois	—	12	32	322	534	—	354	589	10,043	12,157	—	2	7	75	81
Indiana	N	0	0	N	N	99	154	296	5,158	5,589	1	1	20	53	37
Michigan	6	11	21	321	376	304	299	657	10,405	9,851	—	0	3	14	22
Ohio	17	16	36	516	447	6	321	685	9,662	13,913	1	2	6	97	70
Wisconsin	13	10	46	307	281	14	114	214	3,020	4,253	—	1	4	21	41
W.N. Central	22	29	621	1,097	664	158	325	435	10,233	12,574	1	3	24	128	92
Iowa	1	6	24	177	146	—	30	53	841	1,244	—	0	1	2	1
Kansas	2	3	11	78	83	30	41	130	1,424	1,449	—	0	4	14	10
Minnesota	—	0	575	343	6	—	61	92	1,782	2,156	1	0	21	35	35
Missouri	15	9	23	303	284	93	162	216	5,051	6,536	—	1	6	51	31
Nebraska§	4	4	8	121	79	33	26	47	889	959	—	0	3	18	13
North Dakota	—	0	36	14	10	2	2	7	66	70	—	0	2	8	2
South Dakota	—	2	8	61	56	—	5	11	180	160	—	0	0	—	—
S. Atlantic	84	53	102	1,480	1,741	1,112	1,319	3,072	39,792	50,866	10	11	29	386	416
Delaware	—	1	6	25	24	21	20	44	716	880	—	0	2	6	5
District of Columbia	1	1	5	25	40	5	48	104	1,657	1,501	—	0	1	5	2
Florida	45	24	47	744	752	370	470	549	14,711	14,398	6	3	10	126	113
Georgia	22	11	29	350	377	—	214	561	3,039	10,907	4	3	8	100	78
Maryland§	3	1	18	32	151	102	121	188	3,826	4,102	—	0	3	7	63
North Carolina	N	0	0	N	N	—	98	1,949	2,638	7,994	—	1	9	49	43
South Carolina§	1	3	7	69	59	350	186	833	6,214	6,707	—	1	7	36	36
Virginia§	12	8	39	207	318	260	150	486	6,532	3,784	—	1	6	41	59
West Virginia	—	0	8	28	20	4	15	34	459	593	—	0	3	16	17
E.S. Central	—	9	23	257	316	559	566	945	18,624	20,159	3	2	8	88	97
Alabama§	—	5	11	146	158	30	189	287	5,784	6,976	—	0	2	15	22
Kentucky	N	0	0	N	N	109	89	161	2,807	1,753	—	0	1	2	6
Mississippi	N	0	0	N	N	202	131	401	4,552	5,258	—	0	2	11	7
Tennessee§	—	4	16	111	158	218	166	295	5,481	6,172	3	2	6	60	62
W.S. Central	9	7	41	211	228	154	1,007	1,355	30,756	31,919	—	2	29	80	70
Arkansas§	8	3	11	81	77	80	86	167	2,940	2,616	—	0	3	6	7
Louisiana	—	2	14	64	74	38	185	297	5,548	7,292	—	0	2	7	4
Oklahoma	1	3	35	66	77	36	84	171	2,434	3,161	—	1	21	61	53
Texas§	N	0	0	N	N	—	646	1,102	19,834	18,850	—	0	3	6	6
Mountain	13	31	68	790	938	68	230	332	6,505	8,749	2	5	14	207	176
Arizona	—	3	11	69	112	5	76	115	2,111	3,240	1	2	11	93	67
Colorado	5	11	26	310	296	16	58	91	1,763	2,174	—	1	4	38	44
Idaho§	5	3	19	101	96	—	4	18	99	163	—	0	4	12	4
Montana§	2	2	9	50	56	—	1	48	61	51	—	0	1	2	—
Nevada§	1	3	6	67	92	33	43	130	1,431	1,496	1	0	1	12	9
New Mexico§	—	2	5	47	75	—	25	104	725	1,075	—	0	4	23	29
Utah	—	6	32	132	185	14	11	36	315	504	—	0	6	27	20
Wyoming§	—	1	3	14	26	—	0	4	—	46	—	0	1	—	3
Pacific	54	56	185	1,673	2,001	273	597	809	17,494	23,962	2	2	7	87	100
Alaska	1	2	5	49	39	9	11	24	321	335	1	0	4	14	8
California	39	36	91	1,114	1,388	264	542	683	16,108	20,125	—	0	3	20	38
Hawaii	—	1	5	22	50	—	11	22	356	417	—	0	2	13	7
Oregon§	5	9	19	274	266	—	23	63	692	708	1	1	4	37	45
Washington	9	9	87	214	258	—	0	97	17	2,377	—	0	3	3	2
American Samoa	—	0	0	—	—	—	0	1	3	3	—	0	0	—	—
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	0	0	—	2	—	1	12	45	81	—	0	1	—	—
Puerto Rico	—	2	31	60	196	1	5	24	184	211	—	0	0	—	2
U.S. Virgin Islands	—	0	0	—	—	—	4	12	128	28	N	0	0	N	N

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Data for *H. influenzae* (age <5 yrs for serotype b, nonserotype b, and unknown serotype) are available in Table I.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Hepatitis (viral, acute), by type†										Legionellosis				
	A					B									
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	27	52	171	1,572	1,762	31	72	259	2,094	2,691	53	56	117	1,525	1,373
New England	2	2	7	68	78	—	1	7	39	77	6	3	7	74	88
Connecticut	2	0	3	18	9	—	0	7	14	26	5	1	4	23	20
Maine§	—	0	1	4	2	—	0	2	9	3	1	0	2	4	3
Massachusetts	—	1	5	27	42	—	0	3	8	32	—	0	3	11	26
New Hampshire	—	0	2	6	10	—	0	1	4	4	—	0	3	13	4
Rhode Island§	—	0	2	11	9	—	0	2	3	11	—	0	5	18	29
Vermont§	—	0	1	2	6	—	0	1	1	1	—	0	1	5	6
Mid. Atlantic	1	6	18	172	278	1	10	18	289	341	21	15	46	481	421
New Jersey	—	1	6	34	81	—	3	7	91	99	—	1	13	37	56
New York (Upstate)	—	1	6	39	44	—	2	7	43	49	19	4	17	164	111
New York City	—	2	7	58	98	—	2	6	54	75	—	2	10	44	94
Pennsylvania	1	1	6	41	55	1	3	7	101	118	2	6	31	236	160
E.N. Central	2	6	16	204	207	6	7	18	226	297	5	12	35	360	302
Illinois	—	2	10	62	82	—	1	6	50	95	—	1	16	23	62
Indiana	1	0	4	13	6	—	0	8	23	29	—	1	7	27	32
Michigan	1	2	7	81	52	—	2	6	75	74	2	4	13	100	94
Ohio	—	1	4	27	44	6	2	7	72	82	3	5	18	181	102
Wisconsin	—	0	3	21	23	—	0	1	6	17	—	1	7	29	12
W.N. Central	1	5	29	196	111	2	2	9	63	81	2	2	8	70	66
Iowa	—	1	7	86	30	—	0	2	8	16	—	0	2	8	9
Kansas	—	0	3	10	4	—	0	2	5	6	—	0	1	1	6
Minnesota	—	0	23	26	49	1	0	5	5	14	—	0	4	8	14
Missouri	1	1	3	33	14	1	1	4	39	30	2	1	5	36	28
Nebraska§	—	1	5	39	9	—	0	1	5	10	—	0	4	16	6
North Dakota	—	0	2	—	—	—	0	1	1	—	—	0	2	—	—
South Dakota	—	0	1	2	5	—	0	1	—	5	—	0	1	1	3
S. Atlantic	8	8	15	210	304	8	16	60	495	650	9	8	28	228	236
Delaware	—	0	1	6	3	—	0	3	7	11	—	0	2	6	6
District of Columbia	U	0	0	U	U	U	0	0	U	U	—	0	1	6	8
Florida	5	3	8	91	90	4	6	12	206	224	5	3	10	93	84
Georgia	1	1	3	27	48	2	3	8	82	94	—	1	3	15	25
Maryland§	—	0	3	8	51	1	0	6	11	71	2	1	9	43	43
North Carolina	1	0	9	43	37	—	0	17	52	79	—	0	7	14	29
South Carolina§	—	0	2	7	13	—	1	6	39	44	—	0	2	7	11
Virginia§	1	1	5	25	57	1	2	16	67	96	2	1	6	33	26
West Virginia	—	0	2	3	5	—	1	30	31	31	—	0	3	11	4
E.S. Central	1	1	9	50	66	4	7	13	215	229	2	2	10	79	63
Alabama§	—	0	4	8	15	—	2	5	58	79	—	0	2	10	7
Kentucky	1	0	3	18	11	2	2	5	60	42	—	1	4	39	31
Mississippi	—	0	2	4	7	—	0	3	21	23	—	0	1	1	—
Tennessee§	—	1	6	20	33	2	2	8	76	85	2	1	5	29	25
W.S. Central	—	6	55	157	132	2	16	131	418	556	—	2	23	40	67
Arkansas§	—	0	1	4	8	—	1	3	23	50	—	0	2	7	6
Louisiana	—	0	3	9	19	—	2	4	51	68	—	0	1	5	4
Oklahoma	—	0	7	7	3	2	2	37	65	28	—	0	3	3	4
Texas§	—	5	53	137	102	—	10	107	279	410	—	1	18	25	53
Mountain	4	4	9	134	155	1	3	10	123	143	3	2	5	49	59
Arizona	3	2	8	70	107	—	1	4	35	62	1	1	5	17	17
Colorado	—	0	3	24	20	—	0	3	19	22	—	0	2	3	13
Idaho§	1	0	3	16	2	—	0	2	5	8	1	0	1	3	4
Montana§	—	0	1	—	6	—	0	1	—	—	—	0	1	3	3
Nevada§	—	0	2	5	9	1	1	3	30	33	1	0	2	7	6
New Mexico§	—	0	3	14	5	—	0	2	8	9	—	0	1	3	8
Utah	—	0	2	2	4	—	0	5	23	5	—	0	3	13	5
Wyoming§	—	0	1	3	2	—	0	1	3	4	—	0	0	—	3
Pacific	8	11	51	381	431	7	9	30	226	317	5	4	18	144	71
Alaska	—	0	1	2	3	—	0	2	7	4	—	0	1	1	—
California	6	9	42	312	376	5	6	19	155	233	5	3	14	113	54
Hawaii	—	0	1	6	5	—	0	2	4	10	—	0	1	4	1
Oregon§	—	1	3	24	18	—	1	3	29	38	—	0	2	11	6
Washington	2	1	7	37	29	2	1	9	31	32	—	0	3	15	10
American Samoa	—	0	0	—	—	—	0	0	—	14	N	0	0	N	N
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	0	0	—	—	—	0	1	—	2	—	0	0	—	—
Puerto Rico	—	0	4	13	49	—	1	5	24	48	—	0	1	1	4
U.S. Virgin Islands	—	0	0	—	—	—	0	0	—	—	—	0	0	—	—

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Data for acute hepatitis C, viral are available in Table I.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Lyme Disease					Malaria					Meningococcal disease, invasive† All serotypes				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	541	362	1,375	12,201	17,962	13	22	136	535	759	3	19	53	738	741
New England	—	55	226	1,454	5,903	—	1	35	31	38	—	0	3	18	35
Connecticut	—	0	68	—	2,508	—	0	27	10	1	—	0	1	1	6
Maine§	—	4	67	199	150	—	0	2	—	6	—	0	1	4	5
Massachusetts	—	15	90	486	2,439	—	0	2	14	22	—	0	3	13	17
New Hampshire	—	10	79	626	710	—	0	1	3	7	—	0	0	—	3
Rhode Island§	—	0	77	—	2	—	0	8	—	—	—	0	1	—	1
Vermont§	—	2	26	143	94	—	0	1	4	2	—	0	1	—	3
Mid. Atlantic	401	170	843	8,310	7,075	—	5	18	119	214	2	2	6	86	89
New Jersey	1	39	137	1,485	2,332	—	0	7	—	41	—	0	2	10	12
New York (Upstate)	319	61	453	2,879	1,727	—	1	8	18	37	1	0	3	24	25
New York City	—	1	17	15	279	—	3	9	79	113	1	0	2	20	19
Pennsylvania	81	56	419	3,931	2,737	—	1	4	22	23	—	1	5	32	33
E.N. Central	4	8	68	236	1,716	1	2	7	81	89	—	3	10	127	112
Illinois	—	0	8	31	130	—	1	6	35	44	—	1	4	37	46
Indiana	—	0	7	15	32	1	0	2	5	7	—	0	4	21	17
Michigan	3	1	10	50	36	—	0	2	10	11	—	0	2	20	17
Ohio	1	0	4	22	20	—	0	3	21	16	—	1	4	32	25
Wisconsin	—	5	49	118	1,498	—	0	3	10	11	—	0	4	17	7
W.N. Central	45	3	740	492	299	3	1	9	39	23	—	2	8	68	45
Iowa	—	1	4	24	101	—	0	1	2	2	—	0	3	13	10
Kansas	—	0	1	1	8	—	0	1	4	2	—	0	1	2	3
Minnesota	44	0	731	443	175	1	0	8	19	11	—	0	7	19	12
Missouri	—	0	3	15	8	1	0	4	7	3	—	0	3	23	13
Nebraska§	1	0	1	6	5	1	0	2	7	4	—	0	2	9	2
North Dakota	—	0	9	1	2	—	0	2	—	—	—	0	1	1	2
South Dakota	—	0	1	2	—	—	0	0	—	1	—	0	1	1	3
S. Atlantic	82	54	172	1,445	2,810	4	4	13	118	169	—	3	8	107	119
Delaware	6	12	37	529	500	—	0	1	1	4	—	0	1	1	1
District of Columbia	2	2	7	98	84	—	0	1	1	2	—	0	0	—	—
Florida	9	1	5	46	11	2	1	5	30	36	—	1	3	40	43
Georgia	1	0	4	11	8	1	0	3	28	31	—	0	3	14	16
Maryland§	19	19	136	334	1,605	—	0	4	9	42	—	0	3	5	18
North Carolina	—	0	8	7	31	—	0	7	18	16	—	0	4	11	14
South Carolina§	2	0	4	14	16	—	0	1	6	5	—	0	3	17	11
Virginia§	43	12	68	384	516	1	1	7	25	32	—	0	2	16	14
West Virginia	—	0	9	22	39	—	0	0	—	1	—	0	1	3	2
E.S. Central	—	1	5	29	36	—	0	3	11	22	—	1	6	37	37
Alabama§	—	0	3	9	9	—	0	1	3	3	—	0	2	5	7
Kentucky	—	0	1	2	3	—	0	1	3	5	—	0	2	7	7
Mississippi	—	0	1	1	—	—	0	1	1	1	—	0	2	9	10
Tennessee§	—	0	3	17	24	—	0	2	4	13	—	0	3	16	13
W.S. Central	1	1	11	47	47	—	1	64	29	61	—	2	13	71	77
Arkansas§	—	0	1	1	—	—	0	1	—	—	—	0	1	6	8
Louisiana	—	0	1	1	2	—	0	1	2	14	—	0	3	18	23
Oklahoma	—	0	1	—	—	—	0	4	2	5	—	0	5	10	14
Texas§	1	1	10	45	45	—	1	60	25	42	—	1	7	37	32
Mountain	2	0	3	26	28	—	1	5	16	41	1	1	4	39	50
Arizona	—	0	1	2	1	—	0	1	6	8	1	0	2	6	11
Colorado	—	0	1	3	—	—	0	2	3	15	—	0	1	9	18
Idaho§	1	0	2	7	7	—	0	1	—	2	—	0	2	3	4
Montana§	1	0	2	4	1	—	0	0	—	3	—	0	1	4	1
Nevada§	—	0	2	5	8	—	0	3	4	2	—	0	2	6	4
New Mexico§	—	0	2	3	5	—	0	1	1	2	—	0	1	6	2
Utah	—	0	1	—	3	—	0	1	2	9	—	0	2	3	8
Wyoming§	—	0	1	2	3	—	0	0	—	—	—	0	1	2	2
Pacific	6	4	9	162	48	5	3	10	91	102	—	4	17	185	177
Alaska	2	0	2	5	5	—	0	2	3	2	—	0	2	3	1
California	3	3	7	130	39	3	2	8	67	70	—	3	17	132	129
Hawaii	N	0	0	N	N	—	0	1	2	2	—	0	2	4	6
Oregon§	—	0	4	22	4	—	0	2	4	12	—	1	3	25	24
Washington	1	0	7	5	—	2	0	3	15	16	—	0	5	21	17
American Samoa	N	0	0	N	N	—	0	0	—	—	—	0	0	—	—
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	0	0	—	—	—	0	1	1	1	—	0	0	—	—
Puerto Rico	N	0	0	N	N	—	0	1	1	3	—	0	1	2	6
U.S. Virgin Islands	N	0	0	N	N	—	0	0	—	—	—	0	0	—	—

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Data for meningococcal disease, invasive caused by serogroups A, C, Y, & W-135; serogroup B; other serogroup; and unknown serogroup are available in Table I.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Pertussis					Rabies, animal					Rocky Mountain spotted fever				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	111	146	849	4,498	6,103	61	79	187	2,427	3,841	70	29	195	1,075	1,251
New England	—	19	49	383	948	9	7	20	220	348	—	0	1	2	7
Connecticut	—	0	4	—	59	7	3	17	118	145	—	0	0	—	—
Maine†	—	0	5	18	48	—	1	5	31	54	N	0	0	N	N
Massachusetts	—	16	33	315	760	N	0	0	N	N	—	0	1	1	7
New Hampshire	—	1	5	22	48	—	1	3	24	35	—	0	1	1	—
Rhode Island†	—	0	25	21	6	N	0	0	N	N	—	0	0	—	—
Vermont†	—	0	6	7	27	2	2	6	47	114	—	0	0	—	—
Mid. Atlantic	20	20	43	523	798	14	19	32	625	649	1	1	5	39	54
New Jersey	—	0	9	4	138	—	0	0	—	—	—	0	2	2	19
New York (Upstate)	16	6	24	240	391	14	9	20	311	327	1	0	3	14	6
New York City	—	2	7	44	82	—	0	2	11	32	—	0	2	12	20
Pennsylvania	4	8	23	235	187	—	9	23	303	290	—	0	2	11	9
E.N. Central	14	19	190	785	1,070	9	5	53	127	213	1	1	8	60	39
Illinois	—	3	8	94	118	4	1	15	49	66	—	0	7	39	25
Indiana	1	0	12	29	42	1	0	1	4	8	—	0	1	3	4
Michigan	3	4	16	118	184	1	1	32	46	103	—	0	1	2	3
Ohio	10	6	176	498	461	3	1	11	28	36	1	0	4	16	6
Wisconsin	—	2	9	46	265	N	0	0	N	N	—	0	0	—	1
W.N. Central	16	12	142	409	424	8	4	12	105	186	7	4	32	281	250
Iowa	—	1	5	35	117	—	0	3	14	20	—	0	2	1	13
Kansas	—	1	5	29	71	—	0	7	—	89	—	0	2	—	9
Minnesota	12	1	131	142	90	—	0	7	34	18	—	0	4	—	1
Missouri	3	3	18	141	58	8	0	5	33	30	6	3	31	265	214
Nebraska†	1	1	12	53	31	—	0	0	—	—	1	0	3	12	9
North Dakota	—	0	5	1	3	—	0	8	17	13	—	0	0	—	—
South Dakota	—	0	2	8	54	—	0	2	7	16	—	0	1	3	4
S. Atlantic	18	14	50	435	628	14	33	94	1,043	1,448	42	8	109	348	575
Delaware	—	0	2	7	7	—	0	0	—	—	—	0	3	18	10
District of Columbia	—	0	1	3	8	—	0	0	—	—	—	0	2	6	2
Florida	7	3	17	153	155	—	0	77	88	128	1	0	4	12	7
Georgia	1	0	4	28	29	—	6	37	214	180	1	0	6	32	50
Maryland†	2	1	6	22	72	7	0	18	52	267	2	0	6	25	38
North Carolina	2	0	38	79	213	6	9	16	306	319	32	0	96	159	357
South Carolina†	5	2	22	69	53	—	0	0	—	46	3	0	4	20	41
Virginia†	1	2	8	70	79	—	11	27	321	462	3	1	10	73	68
West Virginia	—	0	12	4	12	1	1	11	62	46	—	0	3	3	2
E.S. Central	7	6	25	171	290	—	2	7	78	108	3	4	21	164	182
Alabama†	—	1	6	21	57	—	0	0	—	—	1	1	10	44	54
Kentucky	6	1	8	48	14	—	0	4	28	15	—	0	1	1	4
Mississippi	—	2	22	61	155	—	0	1	2	—	—	0	3	4	12
Tennessee†	1	1	4	41	64	—	1	6	48	93	2	2	17	115	112
W.S. Central	21	19	198	662	702	4	4	40	72	690	16	2	153	158	114
Arkansas†	—	1	11	40	137	1	1	6	43	23	—	0	15	30	41
Louisiana	—	0	4	29	14	—	0	2	—	4	—	0	1	3	4
Oklahoma	9	0	26	28	4	3	0	32	28	45	16	0	132	103	45
Texas†	12	16	179	565	547	—	0	34	1	618	—	1	8	22	24
Mountain	3	19	37	518	718	1	1	8	42	46	—	0	2	19	27
Arizona	—	3	10	128	163	N	0	0	N	N	—	0	2	7	6
Colorado	2	4	13	97	198	—	0	0	—	—	—	0	2	1	1
Idaho†	—	0	4	20	34	—	0	4	—	—	—	0	1	1	4
Montana†	—	1	11	64	34	—	0	2	5	13	—	0	1	3	1
Nevada†	1	0	7	22	32	—	0	2	3	9	—	0	0	—	—
New Mexico†	—	1	5	28	55	—	0	3	21	8	—	0	1	2	4
Utah	—	6	27	150	183	—	0	2	2	8	—	0	0	—	—
Wyoming†	—	0	2	9	19	1	0	4	11	8	—	0	2	5	11
Pacific	12	22	303	612	525	2	4	12	115	153	—	0	1	4	3
Alaska	10	1	29	87	40	—	0	4	12	37	N	0	0	N	N
California	—	8	129	233	293	2	3	12	98	110	—	0	1	2	1
Hawaii	—	0	2	5	17	—	0	0	—	—	N	0	0	N	N
Oregon†	—	3	14	102	59	—	0	1	5	6	—	0	1	2	2
Washington	2	5	169	185	116	—	0	0	—	—	N	0	0	N	N
American Samoa	—	0	0	—	—	N	0	0	N	N	N	0	0	N	N
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	0	0	—	—	—	0	0	—	—	N	0	0	N	N
Puerto Rico	—	0	0	—	—	2	1	5	42	35	N	0	0	N	N
U.S. Virgin Islands	—	0	0	—	—	N	0	0	N	N	N	0	0	N	N

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U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Salmonellosis					Shiga toxin-producing *E. coli* (STEC)†					Shigellosis				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	831	870	2,110	24,378	26,192	81	84	248	2,670	2,675	247	417	1,227	11,373	10,009
New England	7	22	327	1,072	1,659	1	3	42	129	206	6	3	25	113	177
Connecticut	—	0	298	298	431	—	0	39	39	71	—	0	23	23	44
Maine§	4	2	14	98	76	1	0	4	9	21	6	0	4	18	13
Massachusetts	—	14	44	494	924	—	2	7	46	89	—	2	7	61	108
New Hampshire	—	3	7	74	114	—	0	5	19	13	—	0	1	1	4
Rhode Island§	—	1	13	52	60	—	0	3	7	5	—	0	9	8	6
Vermont§	3	1	7	56	54	—	0	3	9	7	—	0	1	2	2
Mid. Atlantic	56	96	212	2,885	3,649	5	8	192	455	299	12	29	84	1,367	463
New Jersey	—	15	48	403	804	—	1	6	15	74	—	6	34	386	96
New York (Upstate)	31	25	73	796	850	1	4	188	323	102	8	7	35	416	84
New York City	1	23	48	723	811	—	1	5	33	31	1	9	35	467	154
Pennsylvania	24	31	83	963	1,184	4	2	9	84	92	3	2	65	98	129
E.N. Central	57	89	172	2,770	3,843	7	11	38	387	368	80	74	146	2,344	1,566
Illinois	—	23	62	658	1,381	—	1	11	39	71	1	20	37	519	361
Indiana	14	8	52	356	397	—	1	12	38	44	9	11	83	475	58
Michigan	18	17	43	554	597	1	2	15	96	54	—	2	7	60	49
Ohio	25	26	65	817	837	4	2	17	112	85	56	21	104	840	663
Wisconsin	—	14	37	385	631	2	3	16	102	114	14	13	47	450	435
W.N. Central	39	50	137	1,664	1,698	16	13	53	490	423	14	21	39	564	1,321
Iowa	1	8	15	248	308	—	2	16	116	96	—	3	11	91	55
Kansas	5	7	32	254	246	—	0	3	23	33	—	0	3	14	18
Minnesota	18	13	73	481	422	5	2	22	120	135	13	4	25	190	160
Missouri	13	14	29	422	448	8	3	12	107	79	1	7	33	157	960
Nebraska§	2	5	13	150	145	3	2	26	93	52	—	0	3	2	15
North Dakota	—	1	35	28	21	—	0	20	2	6	—	0	15	34	3
South Dakota	—	2	11	81	108	—	1	5	29	22	—	1	9	76	110
S. Atlantic	375	263	442	6,095	6,208	32	12	32	440	408	38	70	149	1,979	2,928
Delaware	1	3	9	89	93	—	0	2	8	12	—	0	2	8	7
District of Columbia	—	1	4	31	35	—	0	1	8	—	1	0	3	9	11
Florida	152	109	181	2,762	2,403	13	2	18	116	89	14	21	75	587	1,585
Georgia	54	37	91	1,094	1,025	1	1	7	50	58	7	26	49	753	1,029
Maryland§	21	11	44	353	510	7	1	9	54	51	2	1	6	37	66
North Carolina	106	18	228	631	791	—	1	14	47	81	7	1	12	71	49
South Carolina§	18	21	52	525	553	1	0	3	23	8	3	8	32	398	73
Virginia§	22	19	49	510	688	10	3	11	113	99	3	4	14	106	101
West Virginia	1	4	25	100	110	—	0	3	21	10	1	0	61	10	7
E.S. Central	53	63	144	1,748	1,859	2	6	21	163	167	21	47	178	1,259	1,063
Alabama§	15	16	50	467	520	—	1	17	42	53	2	11	43	291	389
Kentucky	7	10	21	273	336	—	1	12	47	51	1	7	35	205	230
Mississippi	3	18	57	558	501	—	0	2	5	5	1	13	112	258	321
Tennessee§	28	16	34	450	502	2	2	12	69	58	17	14	32	505	123
W.S. Central	58	121	894	3,217	2,363	—	4	25	116	167	22	60	748	2,389	1,192
Arkansas§	18	13	50	429	371	—	1	4	26	27	14	5	27	346	59
Louisiana	—	17	44	450	493	—	0	1	2	8	—	9	21	363	342
Oklahoma	21	14	72	419	266	—	0	14	18	14	8	3	32	78	69
Texas§	19	64	794	1,919	1,233	—	3	11	70	118	—	43	702	1,602	722
Mountain	67	59	109	1,905	1,590	9	8	34	267	364	27	18	40	522	504
Arizona	35	20	42	615	534	1	1	8	45	71	23	9	30	259	266
Colorado	14	11	43	468	355	3	2	12	80	100	2	2	6	66	71
Idaho§	8	3	14	110	82	5	2	8	57	82	—	0	1	7	9
Montana§	2	2	10	64	60	—	0	3	22	—	—	0	1	4	15
Nevada§	8	4	14	146	162	—	0	3	16	18	2	3	13	133	26
New Mexico§	—	6	31	328	176	—	1	6	26	29	—	1	6	38	72
Utah	—	4	17	152	171	—	1	9	17	52	—	1	5	12	16
Wyoming§	—	1	5	22	50	—	0	2	4	12	—	0	2	3	29
Pacific	119	109	399	3,022	3,323	9	9	40	223	273	27	30	72	836	795
Alaska	4	1	5	35	60	1	0	1	6	1	—	0	0	—	8
California	84	76	286	2,196	2,488	1	5	34	120	161	23	27	61	722	610
Hawaii	—	5	15	162	174	—	0	5	10	24	—	1	3	26	61
Oregon§	5	6	17	255	214	—	1	11	26	37	1	1	6	40	46
Washington	26	12	103	374	387	7	2	13	61	50	3	2	20	48	70
American Samoa	1	0	1	2	—	—	0	0	—	—	—	0	1	1	4
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	0	2	8	11	—	0	0	—	—	—	0	3	14	10
Puerto Rico	4	10	44	237	545	—	0	1	2	—	—	0	3	11	19
U.S. Virgin Islands	—	0	0	—	—	—	0	0	—	—	—	0	0	—	—

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Includes *E. coli* O157:H7; Shiga toxin-positive, serogroup non-O157; and Shiga toxin-positive, not serogrouped.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Streptococcal diseases, invasive, group A					*Streptococcal pneumoniae*, invasive disease, nondrug resistant† Age <5 years				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	39	91	259	3,686	3,808	11	36	166	1,037	1,162
New England	2	6	31	272	295	—	1	14	48	92
Connecticut	2	0	26	84	90	—	0	11	—	12
Maine§	—	0	3	20	21	—	0	1	1	1
Massachusetts	—	3	8	125	144	—	1	5	37	61
New Hampshire	—	0	2	18	23	—	0	1	7	8
Rhode Island§	—	0	8	14	2	—	0	1	2	8
Vermont§	—	0	2	11	15	—	0	1	1	2
Mid. Atlantic	8	18	43	772	727	—	4	19	135	210
New Jersey	—	3	11	128	133	—	1	6	27	42
New York (Upstate)	3	6	17	257	221	—	2	14	68	75
New York City	—	3	10	135	180	—	1	12	40	93
Pennsylvania	5	5	16	252	193	N	0	0	N	N
E.N. Central	4	19	63	795	763	2	6	23	219	207
Illinois	—	5	16	199	233	—	1	6	46	50
Indiana	—	2	11	102	89	1	0	14	26	13
Michigan	—	3	10	124	159	—	1	5	51	56
Ohio	3	5	14	210	178	1	1	5	37	44
Wisconsin	1	2	42	160	104	—	1	9	59	44
W.N. Central	3	5	39	290	246	1	2	16	89	59
Iowa	—	0	0	—	—	—	0	0	—	—
Kansas	—	0	6	39	26	—	0	3	14	—
Minnesota	—	0	35	130	116	1	0	13	34	35
Missouri	2	2	10	67	65	—	1	2	26	15
Nebraska§	1	0	3	28	20	—	0	3	6	8
North Dakota	—	0	5	10	12	—	0	2	4	1
South Dakota	—	0	2	16	7	—	0	1	5	—
S. Atlantic	15	19	34	642	895	4	5	13	135	200
Delaware	—	0	2	6	8	—	0	0	—	—
District of Columbia	—	0	2	15	16	—	0	1	1	2
Florida	5	6	11	182	205	3	1	4	43	40
Georgia	5	5	12	165	176	—	1	5	23	45
Maryland§	3	0	6	16	154	1	0	4	3	48
North Carolina	—	2	10	98	125	N	0	0	N	N
South Carolina§	2	1	5	44	80	—	1	4	36	26
Virginia§	—	3	12	93	111	—	0	6	24	32
West Virginia	—	0	3	23	20	—	0	1	5	7
E.S. Central	—	4	9	124	159	1	2	11	66	64
Alabama§	N	0	0	N	N	N	0	0	N	N
Kentucky	—	1	3	28	32	N	0	0	N	N
Mississippi	N	0	0	N	N	—	0	3	16	5
Tennessee§	—	3	7	96	127	1	2	9	50	59
W.S. Central	2	8	85	311	222	2	5	66	168	160
Arkansas§	—	0	2	4	17	—	0	2	4	9
Louisiana	—	0	2	11	14	—	0	2	6	28
Oklahoma	1	2	19	78	51	1	1	7	49	35
Texas§	1	5	65	218	140	1	3	58	109	88
Mountain	4	10	22	378	405	1	5	12	167	159
Arizona	1	3	9	143	151	1	2	8	84	78
Colorado	2	2	8	105	103	—	1	4	46	31
Idaho§	—	0	2	11	10	—	0	1	3	2
Montana§	N	0	0	N	N	—	0	1	4	1
Nevada§	1	0	2	8	2	N	0	0	N	N
New Mexico§	—	2	7	66	68	—	0	3	14	27
Utah	—	1	5	39	66	—	0	3	15	20
Wyoming§	—	0	2	6	5	—	0	1	1	—
Pacific	1	3	10	102	96	—	0	2	10	11
Alaska	—	0	4	27	20	N	0	0	N	N
California	—	0	0	—	—	N	0	0	N	N
Hawaii	1	2	10	75	76	—	0	2	10	11
Oregon§	N	0	0	N	N	N	0	0	N	N
Washington	N	0	0	N	N	N	0	0	N	N
American Samoa	—	0	12	30	4	N	0	0	N	N
C.N.M.I.	—	—	—	—	—	—	—	—	—	—
Guam	—	0	3	—	10	—	0	0	—	—
Puerto Rico	N	0	0	N	N	N	0	0	N	N
U.S. Virgin Islands	—	0	0	—	—	N	0	0	N	N

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Includes cases of invasive pneumococcal disease, in children aged <5 years, caused by *S. pneumoniae*, which is susceptible or for which susceptibility testing is not available (NNDSS event code 11717).
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	*Streptococcus pneumoniae*, invasive disease, drug resistant†										Syphilis, primary and secondary				
	All ages					Age <5 years									
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	20	52	264	1,691	1,722	7	10	43	290	335	122	234	351	7,195	6,691
New England	—	1	41	30	86	—	0	8	5	12	5	6	14	195	163
Connecticut	—	0	37	—	51	—	0	7	—	4	—	0	6	17	22
Maine§	—	0	2	13	9	—	0	1	1	1	—	0	2	8	5
Massachusetts	—	0	0	—	—	—	0	0	—	2	5	4	11	144	91
New Hampshire	—	0	0	—	—	—	0	0	—	—	—	0	2	11	21
Rhode Island§	—	0	3	7	15	—	0	1	2	3	—	0	5	13	22
Vermont§	—	0	2	10	11	—	0	1	2	2	—	0	5	2	2
Mid. Atlantic	3	3	11	157	98	—	0	2	17	22	45	32	45	1,083	988
New Jersey	—	0	0	—	—	—	0	0	—	—	2	5	10	133	128
New York (Upstate)	—	1	4	41	33	—	0	2	6	8	4	3	13	92	89
New York City	—	0	5	49	—	—	0	0	—	—	37	17	30	682	601
Pennsylvania	3	1	9	67	65	—	0	2	11	14	2	5	12	176	170
E.N. Central	2	13	50	452	456	1	2	14	75	76	12	18	32	602	545
Illinois	—	2	15	57	88	—	0	6	14	26	—	7	19	173	289
Indiana	—	3	28	140	100	1	0	11	18	15	1	2	6	82	29
Michigan	—	0	2	10	1	—	0	1	2	1	5	2	17	136	72
Ohio	2	7	15	245	267	—	1	4	41	34	6	5	13	179	112
Wisconsin	—	0	0	—	—	—	0	0	—	—	—	1	4	32	43
W.N. Central	1	3	106	114	116	—	0	9	8	25	2	8	15	237	211
Iowa	—	0	0	—	—	—	0	0	—	—	—	0	2	11	12
Kansas	—	1	5	51	62	—	0	1	3	4	1	0	5	21	14
Minnesota	—	0	105	—	1	—	0	9	—	17	—	1	5	58	42
Missouri	1	1	8	63	44	—	0	1	2	—	1	5	10	140	136
Nebraska§	—	0	0	—	2	—	0	0	—	—	—	0	2	7	4
North Dakota	—	0	0	—	—	—	0	0	—	—	—	0	1	—	—
South Dakota	—	0	2	—	7	—	0	1	3	4	—	0	3	—	3
S. Atlantic	13	20	41	703	738	6	4	10	135	159	24	51	215	1,513	1,463
Delaware	—	0	1	3	5	—	0	0	—	2	—	0	4	10	8
District of Columbia	—	0	3	12	12	—	0	0	—	1	—	2	11	73	118
Florida	10	11	26	396	411	5	2	6	87	83	10	19	34	573	475
Georgia	3	7	19	226	262	1	1	6	42	65	—	10	175	261	254
Maryland§	—	0	0	—	1	—	0	0	—	—	5	6	14	204	193
North Carolina	N	0	0	N	N	N	0	0	N	N	6	5	18	169	211
South Carolina§	—	0	0	—	—	—	0	0	—	—	2	2	5	56	61
Virginia§	N	0	0	N	N	N	0	0	N	N	1	5	17	166	137
West Virginia	—	1	7	66	47	—	0	2	6	8	—	0	1	1	6
E.S. Central	1	5	14	167	141	—	1	4	33	22	21	20	31	673	537
Alabama§	N	0	0	N	N	N	0	0	N	N	4	8	15	272	230
Kentucky	—	1	4	47	17	—	0	2	9	2	5	1	7	55	37
Mississippi	—	0	5	1	36	—	0	0	—	—	3	3	15	98	70
Tennessee§	1	3	12	119	88	—	1	3	24	20	9	8	14	248	200
W.S. Central	—	1	5	48	55	—	0	2	12	7	9	42	61	1,299	1,097
Arkansas§	—	0	2	9	1	—	0	1	3	2	8	2	19	105	70
Louisiana	—	1	5	39	54	—	0	2	9	5	1	11	22	301	294
Oklahoma	N	0	0	N	N	N	0	0	N	N	—	1	5	47	40
Texas§	—	0	0	—	—	—	0	0	—	—	—	26	48	846	693
Mountain	—	1	6	20	32	—	0	2	4	9	2	11	29	296	281
Arizona	—	0	0	—	—	—	0	0	—	—	—	6	21	145	146
Colorado	—	0	0	—	—	—	0	0	—	—	—	2	7	72	29
Idaho§	N	0	0	N	N	N	0	0	N	N	—	0	1	2	1
Montana§	—	0	0	—	—	—	0	0	—	—	—	0	3	—	1
Nevada§	N	0	0	N	N	N	0	0	N	N	2	2	6	54	65
New Mexico§	—	0	1	1	—	—	0	0	—	—	—	1	3	23	28
Utah	—	0	6	18	20	—	0	2	4	8	—	0	2	—	9
Wyoming§	—	0	1	1	12	—	0	1	—	1	—	0	1	—	2
Pacific	—	0	0	—	—	—	0	1	1	3	2	41	70	1,297	1,406
Alaska	N	0	0	N	N	N	0	0	N	N	—	0	1	1	6
California	N	0	0	N	N	N	0	0	N	N	2	38	59	1,163	1,303
Hawaii	—	0	0	—	—	—	0	1	1	3	—	0	2	11	5
Oregon§	N	0	0	N	N	N	0	0	N	N	—	0	2	9	12
Washington	N	0	0	N	N	N	0	0	N	N	—	3	13	113	80
American Samoa	N	0	0	N	N	N	0	0	N	N	—	0	0	—	4
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	0	0	—	—	—	0	0	—	—	—	0	0	—	—
Puerto Rico	—	0	0	—	—	—	0	0	—	—	5	2	10	98	96
U.S. Virgin Islands	—	0	0	—	—	—	0	0	—	—	—	0	0	—	—

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Includes cases of invasive pneumococcal disease caused by drug-resistant *S. pneumoniae* (DRSP) (NNDSS event code 11720).
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending August 16, 2008, and August 18, 2007 (33rd Week)*

Reporting area	Varicella (chickenpox)					West Nile virus disease†									
						Neuroinvasive					Nonneuroinvasive§				
	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007	Current week	Previous 52 weeks Med	Previous 52 weeks Max	Cum 2008	Cum 2007
United States	131	655	1,660	18,255	26,980	1	1	143	97	520	2	3	307	139	1,346
New England	—	14	68	334	1,690	—	0	2	—	1	—	0	2	1	4
Connecticut	—	0	38	—	969	—	0	1	—	1	—	0	1	1	2
Maine¶	—	0	26	—	218	—	0	0	—	—	—	0	0	—	—
Massachusetts	—	0	0	—	—	—	0	2	—	—	—	0	2	—	2
New Hampshire	—	6	18	150	236	—	0	0	—	—	—	0	0	—	—
Rhode Island¶	—	0	0	—	—	—	0	0	—	—	—	0	1	—	—
Vermont¶	—	6	17	184	267	—	0	0	—	—	—	0	0	—	—
Mid. Atlantic	34	58	117	1,548	3,322	—	0	3	3	6	—	0	3	—	3
New Jersey	N	0	0	N	N	—	0	1	—	—	—	0	0	—	—
New York (Upstate)	N	0	0	N	N	—	0	2	—	3	—	0	1	—	—
New York City	N	0	0	N	N	—	0	3	2	2	—	0	3	—	1
Pennsylvania	34	58	117	1,548	3,322	—	0	1	1	1	—	0	1	—	2
E.N. Central	12	164	378	4,370	7,677	—	0	19	2	26	—	0	12	1	15
Illinois	1	13	124	660	683	—	0	14	—	15	—	0	8	—	6
Indiana	—	0	222	—	—	—	0	4	—	3	—	0	2	—	5
Michigan	4	62	154	1,886	2,889	—	0	5	1	4	—	0	1	—	—
Ohio	7	55	128	1,577	3,308	—	0	4	1	1	—	0	3	—	2
Wisconsin	—	7	32	247	797	—	0	2	—	3	—	0	2	1	2
W.N. Central	1	23	145	769	1,134	—	0	41	9	140	—	0	118	35	477
Iowa	N	0	0	N	N	—	0	2	1	8	—	0	2	—	7
Kansas	—	6	36	257	411	—	0	3	—	8	—	0	7	—	14
Minnesota	—	0	0	—	—	—	0	9	1	27	—	0	12	9	38
Missouri	1	11	47	444	659	—	0	8	1	21	—	0	3	2	5
Nebraska¶	N	0	0	N	N	—	0	5	1	10	—	0	16	1	79
North Dakota	—	0	140	48	—	—	0	11	2	32	—	0	49	12	220
South Dakota	—	0	5	20	64	—	0	7	3	34	—	0	32	11	114
S. Atlantic	24	92	166	3,015	3,488	—	0	12	1	14	—	0	6	—	14
Delaware	3	1	6	38	30	—	0	1	—	—	—	0	0	—	—
District of Columbia	—	0	3	18	23	—	0	0	—	—	—	0	0	—	—
Florida	11	29	87	1,165	800	—	0	0	—	3	—	0	0	—	—
Georgia	N	0	0	N	N	—	0	8	—	7	—	0	5	—	7
Maryland¶	N	0	0	N	N	—	0	2	—	1	—	0	2	—	1
North Carolina	N	0	0	N	N	—	0	1	—	1	—	0	1	—	2
South Carolina¶	—	16	66	557	703	—	0	2	—	—	—	0	0	—	2
Virginia¶	—	21	80	747	1,162	—	0	1	—	2	—	0	0	—	2
West Virginia	10	15	66	490	770	—	0	1	1	—	—	0	0	—	—
E.S. Central	1	18	101	832	343	—	0	11	12	32	—	0	14	28	31
Alabama¶	1	18	101	822	341	—	0	2	—	9	—	0	1	1	1
Kentucky	N	0	0	N	N	—	0	1	—	1	—	0	0	—	—
Mississippi	—	0	2	10	2	—	0	7	9	20	—	0	12	24	29
Tennessee¶	N	0	0	N	N	—	0	1	3	2	—	0	2	3	1
W.S. Central	51	182	886	6,015	7,430	—	0	36	16	87	—	0	19	14	55
Arkansas¶	—	10	39	403	574	—	0	5	5	5	—	0	1	—	3
Louisiana	—	1	10	53	96	—	0	5	1	6	—	0	3	5	2
Oklahoma	N	0	0	N	N	—	0	11	2	19	—	0	7	3	18
Texas¶	51	166	852	5,559	6,760	—	0	19	8	57	—	0	11	6	32
Mountain	8	40	105	1,319	1,849	—	0	36	8	131	—	0	148	30	601
Arizona	—	0	0	—	—	—	0	8	5	16	—	0	10	—	8
Colorado	7	17	43	588	717	—	0	17	1	50	—	0	67	19	290
Idaho¶	N	0	0	N	N	—	0	3	1	5	—	0	12	7	84
Montana¶	1	5	27	213	284	—	0	8	—	22	—	0	30	—	69
Nevada¶	N	0	0	N	N	—	0	1	1	1	—	0	3	1	7
New Mexico¶	—	4	22	142	295	—	0	8	—	16	—	0	6	—	8
Utah	—	9	55	369	534	—	0	8	—	4	—	0	9	2	13
Wyoming¶	—	0	9	7	19	—	0	3	—	17	—	0	34	1	122
Pacific	—	1	7	53	47	1	0	23	46	83	2	0	20	30	146
Alaska	—	1	5	43	25	—	0	0	—	—	—	0	0	—	—
California	—	0	0	—	—	1	0	23	46	80	2	0	20	27	131
Hawaii	—	0	6	10	22	—	0	0	—	—	—	0	0	—	—
Oregon¶	N	0	0	N	N	—	0	3	—	3	—	0	3	3	15
Washington	N	0	0	N	N	—	0	0	—	—	—	0	0	—	—
American Samoa	N	0	0	N	N	—	0	0	—	—	—	0	0	—	—
C.N.M.I.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	2	17	55	196	—	0	0	—	—	—	0	0	—	—
Puerto Rico	5	9	20	292	512	—	0	0	—	—	—	0	0	—	—
U.S. Virgin Islands	—	0	0	—	—	—	0	0	—	—	—	0	0	—	—

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2007 and 2008 are provisional.
† Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for California serogroup, eastern equine, Powassan, St. Louis, and western equine diseases are available in Table I.
§ Not notifiable in all states. Data from states where the condition is not notifiable are excluded from this table, except in 2007 for the domestic arboviral diseases and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/epo/dphsi/phs/infdis.htm.
¶ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE III. Deaths in 122 U.S. cities,* week ending August 16, 2008 (33rd week)

Reporting area	All causes, by age (years)						P&I†
	All Ages	≥65	45–64	25–44	1–24	<1	Total
New England	467	330	95	27	6	9	35
Boston, MA	147	97	32	13	1	4	14
Bridgeport, CT	22	18	2	1	1	—	—
Cambridge, MA	11	10	1	—	—	—	—
Fall River, MA	17	14	3	—	—	—	—
Hartford, CT	54	32	17	3	2	—	3
Lowell, MA	18	13	4	1	—	—	1
Lynn, MA	1	—	1	—	—	—	—
New Bedford, MA	20	15	2	3	—	—	3
New Haven, CT	U	U	U	U	U	U	U
Providence, RI	59	43	11	2	1	2	3
Somerville, MA	1	—	1	—	—	—	—
Springfield, MA	39	30	3	2	1	3	4
Waterbury, CT	21	15	6	—	—	—	2
Worcester, MA	57	43	12	2	—	—	5
Mid. Atlantic	1,906	1,296	438	108	34	30	101
Albany, NY	52	42	9	1	—	—	2
Allentown, PA	23	19	2	2	—	—	—
Buffalo, NY	63	44	14	2	3	—	2
Camden, NJ	36	16	10	4	2	4	4
Elizabeth, NJ	9	7	1	1	—	—	1
Erie, PA	57	46	10	1	—	—	3
Jersey City, NJ	18	8	7	3	—	—	—
New York City, NY	983	674	223	60	17	9	44
Newark, NJ	35	15	13	3	1	3	1
Paterson, NJ	15	8	7	—	—	—	1
Philadelphia, PA	253	138	87	17	7	4	10
Pittsburgh, PA§	50	31	10	4	—	5	5
Reading, PA	39	37	1	—	—	1	2
Rochester, NY	130	98	25	3	2	2	15
Schenectady, NY	21	15	5	—	—	1	—
Scranton, PA	17	13	2	2	—	—	3
Syracuse, NY	49	39	4	3	2	1	4
Trenton, NJ	22	15	6	1	—	—	2
Utica, NY	12	11	1	—	—	—	1
Yonkers, NY	22	20	1	1	—	—	1
E.N. Central	1,808	1,206	382	132	44	44	83
Akron, OH	42	25	13	2	1	1	—
Canton, OH	31	23	7	1	—	—	1
Chicago, IL	218	126	60	19	8	5	10
Cincinnati, OH	89	52	22	6	5	4	7
Cleveland, OH	229	156	52	16	2	3	—
Columbus, OH	181	121	42	10	4	4	5
Dayton, OH	122	84	23	10	1	4	8
Detroit, MI	108	74	5	16	6	7	13
Evansville, IN	38	25	10	3	—	—	3
Fort Wayne, IN	69	50	14	2	1	2	2
Gary, IN	21	11	8	2	—	—	—
Grand Rapids, MI	52	29	15	3	4	1	3
Indianapolis, IN	176	124	32	11	4	5	10
Lansing, MI	51	38	9	3	1	—	—
Milwaukee, WI	98	67	15	9	2	5	5
Peoria, IL	57	35	18	2	2	—	6
Rockford, IL	51	35	7	6	2	1	—
South Bend, IN	40	32	7	1	—	—	2
Toledo, OH	83	57	15	9	1	1	4
Youngstown, OH	52	42	8	1	—	1	4
W.N. Central	496	303	127	32	15	18	32
Des Moines, IA	U	U	U	U	U	U	U
Duluth, MN	33	26	7	—	—	—	2
Kansas City, KS	23	15	5	2	1	—	2
Kansas City, MO	81	50	22	6	1	2	2
Lincoln, NE	30	20	7	3	—	—	2
Minneapolis, MN	58	34	11	4	4	5	4
Omaha, NE	84	59	22	2	—	1	10
St. Louis, MO	79	35	25	9	4	5	4
St. Paul, MN	41	21	12	1	3	4	3
Wichita, KS	67	43	16	5	2	1	3
S. Atlantic	1,146	690	315	93	22	26	60
Atlanta, GA	152	91	42	15	2	2	7
Baltimore, MD	172	89	58	14	5	6	13
Charlotte, NC	121	73	38	8	—	2	10
Jacksonville, FL	146	83	40	15	3	5	1
Miami, FL	102	63	23	14	1	1	6
Norfolk, VA	53	38	10	2	3	—	2
Richmond, VA	60	27	22	8	2	1	2
Savannah, GA	54	39	11	2	1	1	5
St. Petersburg, FL	48	35	7	2	2	2	1
Tampa, FL	199	137	48	6	3	5	13
Washington, D.C.	34	14	13	6	—	1	—
Wilmington, DE	5	1	3	1	—	—	—
E.S. Central	857	550	201	61	23	22	60
Birmingham, AL	173	106	36	17	8	6	7
Chattanooga, TN	89	59	25	2	—	3	5
Knoxville, TN	115	81	20	7	6	1	10
Lexington, KY	62	41	13	5	—	3	4
Memphis, TN	126	79	34	7	4	2	14
Mobile, AL	92	56	24	6	2	4	4
Montgomery, AL	46	32	9	4	—	1	4
Nashville, TN	154	96	40	13	3	2	12
W.S. Central	1,486	927	377	105	44	33	59
Austin, TX	92	62	21	3	4	2	1
Baton Rouge, LA	63	39	13	9	2	—	—
Corpus Christi, TX	59	36	15	6	1	1	4
Dallas, TX	204	115	52	17	9	11	7
El Paso, TX	67	43	15	7	1	1	3
Fort Worth, TX	126	81	39	4	2	—	5
Houston, TX	367	198	117	32	10	10	15
Little Rock, AR	74	44	19	5	3	3	—
New Orleans, LA¶	U	U	U	U	U	U	U
San Antonio, TX	208	143	42	11	10	2	15
Shreveport, LA	80	62	12	5	—	1	2
Tulsa, OK	146	104	32	6	2	2	7
Mountain	1,041	679	253	67	21	21	53
Albuquerque, NM	94	63	18	10	2	1	4
Boise, ID	50	40	7	2	1	—	1
Colorado Springs, CO	50	34	10	3	—	3	1
Denver, CO	83	44	29	6	1	3	7
Las Vegas, NV	244	167	61	10	3	3	14
Ogden, UT	21	14	5	2	—	—	—
Phoenix, AZ	208	118	58	21	6	5	16
Pueblo, CO	21	16	5	—	—	—	1
Salt Lake City, UT	110	71	29	4	5	1	3
Tucson, AZ	160	112	31	9	3	5	6
Pacific	1,524	1,027	360	80	27	30	123
Berkeley, CA	6	6	—	—	—	—	—
Fresno, CA	116	80	27	4	4	1	12
Glendale, CA	35	23	10	2	—	—	9
Honolulu, HI	37	25	7	3	2	—	3
Long Beach, CA	55	38	12	3	1	1	9
Los Angeles, CA	246	151	59	19	5	12	26
Pasadena, CA	22	11	8	2	1	—	—
Portland, OR	105	71	25	4	3	2	4
Sacramento, CA	165	108	46	9	—	2	8
San Diego, CA	131	92	28	6	—	5	8
San Francisco, CA	116	80	27	7	1	1	15
San Jose, CA	204	154	37	6	5	2	17
Santa Cruz, CA	23	20	2	1	—	—	3
Seattle, WA	100	64	25	5	3	3	2
Spokane, WA	66	44	21	—	—	1	5
Tacoma, WA	97	60	26	9	2	—	2
Total**	**10,731**	**7,008**	**2,548**	**705**	**236**	**233**	**606**

U: Unavailable. —:No reported cases.

* Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of >100,000. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

† Pneumonia and influenza.

§ Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

¶ Because of Hurricane Katrina, weekly reporting of deaths has been temporarily disrupted.

** Total includes unknown ages.

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