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### Progress Toward Global Eradication of Dracunculiasis, January 2005–May 2007

The World Health Assembly first adopted a resolution calling for the eradication of dracunculiasis (Guinea worm disease) in 1986, when an estimated 3.5 million cases were reported in 20 countries, and 120 million persons were at risk for the disease (1,2). **This report describes the continued progress of the dracunculiasis eradication program worldwide during July 2005–May 2007 (3,4).** As of May 2007, dracunculiasis was still endemic in nine\* of the 20 countries cited in 1986; in 2006, approximately 98% of dracunculiasis cases worldwide were reported from Ghana and Sudan, and five other countries reported fewer than 30 cases each (Table 1). The number of dracunculiasis cases increased from 10,674 in 2005 to 25,217 cases in 2006, with nearly all of the increase reported in Sudan, before decreasing from 9,510 during January–May 2006 to 4,460 cases during January–May 2007. Continued intensification of interventions against transmission of dracunculiasis will be necessary to eradicate dracunculiasis in the nine countries where the disease remains endemic.

The number of villages worldwide with endemic dracunculiasis decreased from 23,165 in 1993 to 3,583 in 2006 (Table 2). All of the remaining areas where dracunculiasis is endemic are in Africa. Outside of Sudan and Ghana, where the number of dracunculiasis cases increased 159%, from a total of 9,546 in 2005 to 24,714 in 2006, the number of cases reported from the other seven countries where dracunculiasis remains endemic decreased 56%, from 1,083 in 2005 to 481 in 2006. Worldwide, the number of

dracunculiasis cases exported from one country to another declined from 114 in 2004, to 45 in 2005, to 22 in 2006. However, a 180% increase was reported from Nigeria during January–May 2007, when the number of cases increased to 42 from 15 during the same period in 2006.

#### Country Reports

**Sudan.** In 2006, the Southern Sudan Guinea Worm Eradication Program was created after political settlement of Sudan's civil war in January 2005. The settlement shifted responsibility for dracunculiasis eradication in remaining areas where the disease was endemic to the ministry of health of the new government of Southern Sudan, composed of 10 southern states. The new eradication program, with the aid of 10,745 trained village volunteers and access to Southern Sudan areas that had been inaccessible during the civil war, provided improved surveillance. **The result was a 270% increase in reported cases of dracunculiasis in Sudan, from 5,569 cases in 1,293 villages in 2005 to 20,582 cases in 3,345 villages in 2006, with all but two villages located in Southern Sudan.** The last indigenous case of dracunculiasis in northern Sudan occurred in 2001. Three of the 10 southern states reported 92% of all cases in Sudan in 2006; three other southern states reported no indigenous cases. Two

\*Dracunculiasis remains endemic in Burkina Faso, Côte d'Ivoire, Ethiopia, Ghana, Mali, Niger, Nigeria, Sudan, and Togo. Four of these countries (Burkina Faso, Côte d'Ivoire, Ethiopia, and Togo) reported no indigenous cases during January–May 2007; however, countries must report no indigenous cases for 3 years and meet other requirements to be certified as free from transmission by the International Commission for the Certification of Dracunculiasis Eradication.

#### INSIDE

- 817 Scombroid Fish Poisoning Associated with Tuna Steaks — Louisiana and Tennessee, 2006
- 819 Vaccination Coverage Among Children in Kindergarten — United States, 2006–07 School Year
- 821 West Nile Virus Update — United States, January 1–August 14, 2007
- 823 QuickStats

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cases were imported into Southern Sudan from Ethiopia in 2006, and two in January 2007. During 2006, one case was exported from Southern Sudan to northern Sudan. In addition, Sudan exported two cases of dracunculiasis to Uganda during January–May 2007.

In 2006, a total of 63% of 3,137 Sudanese villages with endemic disease filed monthly surveillance reports, compared with 50% of 1,085 villages in 2005. Of the 20,582 cases reported in 2006, 49% were contained,<sup>†</sup> compared with 4% of 5,565 cases in 2005. The percentage of villages with endemic dracunculiasis receiving health education was 71% in 2006 (compared with 76% in 2005); 47% of the villages had cloth water filters in all households (compared with 30% in 2005), 16% had at least one source of safe drinking water (27% in 2005), and the larvicide Abate<sup>®</sup> (temephos) (BASF, Ludwigshafen, Germany) was used by 6% (2% in 2005) (Table 2).<sup>§</sup> Provisional data from Southern Sudan for January–May 2007 indicated a total of 1,611 reported cases of dracunculiasis, a reduction of 77% from the 7,070 cases reported during the same period in 2006.

**Ghana.** The eradication program in Ghana, which reported an increase of 4% to 4,136 cases (in 606 villages) in 2006 from 3,977 cases in 2005, had a setback resulting from the 2006 breakdown of the municipal water supply in the northern region's capital city of Tamale, which also interrupted the water supply to the nearby city of Savelugu. Commercial vendors in both cities sold contaminated water to residents, who also obtained water from nearby contaminated reservoirs. As a consequence, the number of dracunculiasis cases in Savelugu more than tripled, from 411 cases in 2006 to 1,349 cases during January–May 2007, which accounted for 45% of the cases reported for all of Ghana and resulted in a 17% increase to 2,804 cases nationwide, from 2,400 cases during January–May 2006.

The number of villages with endemic dracunculiasis has decreased in Ghana from 673 in 2004, to 422 in 2005, to 346 in 2006. In 2006, the eradication program retrained village volunteers in patient management, increasing the

<sup>†</sup>A case of dracunculiasis is contained if all of the following conditions are met: 1) the disease is detected before or within 24 hours of worm emergence; 2) the patient has not entered any water source since the worm emerged; 3) a volunteer has managed the patient properly, by cleaning and bandaging the lesion until the worm is fully removed manually and by providing health education to discourage the patient from contaminating any water source (if two or more emerging worms are present, the case is not contained until the last worm is pulled out); and 4) the containment process, including verification of dracunculiasis, is validated by a supervisor within 7 days of emergence of the worm.

<sup>§</sup>Dracunculiasis can be prevented by 1) filtering drinking water through a finely woven cloth, 2) treating contaminated water with Abate, 3) providing clean water from borehole or hand-dug wells, and 4) directing persons to avoid entering water sources when Guinea worms are emerging from their bodies, to prevent contamination of sources of drinking water (5).

**TABLE 1. Number of reported indigenous\* dracunculiasis cases, by country — worldwide, 2005 versus 2006 and January–May 2006 versus January–May 2007†**

| Country       | 2005          | 2006          | % change   | January–May 2006 | January–May 2007 | % change   |
|---------------|---------------|---------------|------------|------------------|------------------|------------|
| Sudan         | 5,569         | 20,580        | 270        | 7,070            | 1,609            | -77        |
| Ghana         | 3,977         | 4,134         | 4          | 2,400            | 2,804            | 17         |
| Mali          | 656           | 323           | -51        | 8                | 1                | -88        |
| Niger         | 175           | 108           | -38        | 9                | 4                | -56        |
| Nigeria       | 120           | 16            | -87        | 15               | 42               | 180        |
| Togo          | 70            | 25            | -64        | 6                | 0                | -100       |
| Ethiopia      | 29            | 1             | -97        | 0                | 0                | 0          |
| Burkina Faso  | 24            | 3             | -88        | 0                | 0                | 0          |
| Côte d'Ivoire | 9             | 5             | -44        | 2                | 0                | -100       |
| <b>Total</b>  | <b>10,629</b> | <b>25,195</b> | <b>137</b> | <b>9,510</b>     | <b>4,460</b>     | <b>-53</b> |

\* Excludes 45 cases exported from one country to another during 2005, 22 cases in 2006, three cases during January–May 2006, and 10 cases during January–May 2007.

† Provisional case counts.

**TABLE 2. Number of reported dracunculiasis cases, by country and local intervention — worldwide, 2006\***

| Country       | No. of reported cases in 2006 |           | % Villages/Localities and interventions <sup>§</sup>             |                                 |  |  |  |                            |  |                             |                     |
|---------------|-------------------------------|-----------|--|---------------------------------|--|--|--|----------------------------|--|-----------------------------|---------------------|
|               |                               |           | % of cases reported that were contained <sup>†</sup> during 2006 | No. reporting one or more cases | No. reporting only cases               |  | % with cloth water filters in all households | % using Abate <sup>®</sup> | % with one or more sources of safe water | % provided health education |                     |
|               |                               |           |  |                                 | No. imported into village <sup>¶</sup> | No. indigenous to village <sup>¶</sup> |  |                            |  |                             | % reporting monthly |
| Indigenous    | Imported                      | 2006      |  |                                 |  |  |  |                            |  |                             |                     |
| Sudan**       | 20,580                        | 2         | 49   | 3,345                           | 208                                    | 3,137                                  | 63   | 47                         | 6  | 16                          | 71                  |
| Ghana         | 4,134                         | 2         | 75   | 606                             | 260                                    | 346                                    | 100  | 95                         | 66                                       | 47                          | 98                  |
| Mali          | 323                           | 6         | 82   | 88                              | 21                                     | 67                                     | 100  | 100                        | 92                                       | 24                          | 100                 |
| Niger         | 108                           | 2         | 83   | 34                              | 16                                     | 18                                     | 100  | 100                        | 100                                      | 11                          | 100                 |
| Togo          | 25                            | 4         | 79   | 10                              | 6                                      | 4                                      | 100  | 100                        | 67                                       | 50                          | 100                 |
| Nigeria       | 16                            | 0         | 69   | 10                              | 3                                      | 7                                      | 100  | 100                        | 49                                       | 69                          | 100                 |
| Côte d'Ivoire | 5                             | 0         | 100  | 1                               | 0                                      | 1                                      | 100  | 100                        | 100                                      | 100                         | 100                 |
| Burkina Faso  | 3                             | 2         | 60   | 4                               | 2                                      | 2                                      | 100  | 100                        | 100                                      | 50                          | 100                 |
| Ethiopia      | 1                             | 2         | 100  | 3                               | 2                                      | 1                                      | 66   | 33                         | 66                                       | 33                          | 100                 |
| <b>Total</b>  | <b>25,195</b>                 | <b>20</b> | <b>54</b>  | <b>4,101</b>                    | <b>518</b>                             | <b>3,583</b>                           | <b>72</b>                                    | <b>59</b>                  | <b>22</b>                                | <b>23</b>                   | <b>77</b>           |

\* Provisional case counts.

† A case of dracunculiasis is contained if all of the following conditions are met: 1) the disease is detected before or within 24 hours of worm emergence; 2) the patient has not entered any water source since the worm emerged; 3) a volunteer has properly managed the patient, by cleaning and bandaging the lesion until the worm is fully removed manually and by providing health education to discourage the patient from contaminating any water source (if two or more emerging worms are present, the case is not contained until the last worm is pulled out); and 4) the containment process, including verification of dracunculiasis, is validated by a supervisor within 7 days of emergence of the worm.

§ Interventions include distribution of filters, use of Abate<sup>®</sup>, provision of one or more sources of safe water, and provision of health education.

¶ Definitions of imported and indigenous cases as they relate to villages/localities are available at [http://www.cartercenter.org/health/guinea\\_worm/program\\_definition.html](http://www.cartercenter.org/health/guinea_worm/program_definition.html).

\*\* Two cases were reported by Uganda as imported from Sudan.

case-containment rate to 90% during January–February 2007, compared with 60% in 2005 and 75% in 2006. Among villages with endemic dracunculiasis, 95% had cloth water filters in all households in 2006 (compared with 89% in 2005), 47% had at least one source of safe drinking water (39% in 2005), and Abate was used in 27% (56% in 2005) (Table 2). In September 2006, the government of Ghana declared dracunculiasis a national emergency in the country's Northern Region, increased funding for the eradication program by approximately 200%, and began an intensive campaign (e.g., via radio, press, television, and billboard messages) to help mobilize villagers to

protect themselves and publicize availability of free medical treatment for all persons with the disease. In 2007, program staff members have increased the frequency of supervisory visits to villages with endemic dracunculiasis and have been conducting daily, house-to-house surveillance for cases.

**Nigeria.** In January 2007, 41 cases of dracunculiasis were caused by infected farmers from a tribal group who had migrated in 2005 from a village where dracunculiasis was known to be endemic to a village where the disease had not been endemic previously. Because the affected community is a remote farming village, the outbreak continued

undetected for months until one patient sought medical attention at a public health clinic. Staff members from the Nigerian Guinea Worm Eradication Program canvassed the community and others in the area for active cases of dracunculiasis, initiated measures to contain transmission from every person with an open infection, educated the community and its leaders regarding preventive measures, distributed cloth water filters to all households, applied Abate to all stagnant sources of drinking water, and targeted the community for provision of a borehole well. The community is being monitored daily for additional cases, which are seasonal and most likely to appear during October 2007–February 2008.

### Certification Update

In March 2007, the International Commission for the Certification of Dracunculiasis Eradication met for the sixth time in Geneva, Switzerland, and recommended certifying 12 countries (Afghanistan, Algeria, Cameroon, Central African Republic, Djibouti, Gabon, Liberia, Mozambique, Sierra Leone, Swaziland, Tanzania, and Zambia) as free from transmission of dracunculiasis, bringing the total number of certified countries and territories to 180. Five countries where dracunculiasis was previously endemic are in the precertification stage, and six other countries are awaiting certification.

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**Editorial Note:** Dracunculiasis is a parasitic infection caused by *Dracunculus medinensis*. Persons become infected by drinking water from stagnant sources (e.g., ponds, open wells, or pools) contaminated by copepods (water fleas) that contain immature forms of the parasite. After 1 year of development within the host's body, adult worms approximately 1 meter (39.4 inches) long emerge through skin lesions, usually on the lower limbs, which frequently develop severe secondary bacterial infections. No effective antiparasitic drug or vaccine for dracunculiasis exists, and infected persons do not become immune to future infections by the parasite. The emergent Guinea worm is removed manually by rolling it on a stick or roll of gauze a few centimeters each day.

Disabilities caused by dracunculiasis during the emergence of the worm are related to the invasion of pyogenic organisms that invade the skin lesion and aggravate the pain, swelling, and cellulitis along the worm tract, including abscess formation (6). The average period of incapacitation is

8.5 weeks. Inflammation of the joints can lead to arthritis, synovitis, and muscle and tendon contraction with resultant ankylosis of the limbs (7). The duration of disability often can be reduced through proper care of the patient's wounds. Keeping patients under supervised care while their Guinea worms are extracted manually can prevent further contamination of drinking water.

Global eradication of dracunculiasis will mark the first worldwide elimination of a parasitic disease and the first time a disease has been eradicated without benefit of a vaccine. The first target year for eradicating dracunculiasis was 1995, set by African ministers of health in 1988 and confirmed by the World Health Assembly in 1991. That target was not met because of slower than expected mobilization of the 20 countries with endemic disease (8). In 2007, however, all nine remaining countries with endemic dracunculiasis are mobilized, and the global program has received support from the Bill & Melinda Gates Foundation and other donors in recent years. In 2004, ministers of health and the World Health Assembly established a new eradication target date of 2009 (9).

The current global eradication strategy, when effectively applied, has demonstrated the ability to stop transmission of dracunculiasis, reducing the number of cases worldwide from an estimated 3.5 million in 1986 (1) to 4,460 in the first 5 months of 2007 (Table 1). The parasite cannot survive more than 2–3 weeks outside a human body (10). When all transmission is interrupted, *D. medinensis* will be eliminated, and no further control measures will be needed. In 2007, the most important factors to ensure global eradication are strong political will, a sense of urgency among political leaders to stop transmission in the remaining countries with endemic dracunculiasis, and continued support from eradication partners.

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## Scombroid Fish Poisoning Associated with Tuna Steaks — Louisiana and Tennessee, 2006

Scombroid fish poisoning is an acute illness that occurs after eating fish containing high levels of histamine or other biogenic amines. Symptoms typically include facial flushing, sweating, rash, a burning or peppery taste in the mouth, diarrhea, and abdominal cramps and usually resolve within several hours without medical intervention. More severe symptoms (e.g., respiratory distress, swelling of the tongue and throat, and blurred vision) can occur and require medical treatment with antihistamines. In late 2006, two outbreaks of scombroid fish poisoning occurred, one in Louisiana and one in Tennessee. To determine the source of the outbreaks and to implement control measures, CDC and the state health departments in Louisiana and Tennessee conducted epidemiologic investigations, and the Food and Drug Administration (FDA) conducted traceback investigations of the product. This report describes the results of those investigations, which indicated that the outbreaks in Louisiana and Tennessee were associated with tuna steaks from Indonesia and Vietnam, respectively. The majority of seafood eaten in the United States is imported. FDA programs to identify and prevent seafood hazards such as scombroid fish poisoning have made substantial progress but are able to inspect only a small proportion of seafood entering the United States. The only effective method for prevention of scombroid fish poisoning is consistent temperature control of fish at  $\leq 40^{\circ}\text{F}$  ( $\leq 4.4^{\circ}\text{C}$ ) at all times between catching and consumption.

**Louisiana.** On December 14, 2006, six employees of an oil refinery ate at the company cafeteria and became ill with symptoms resembling an allergic reaction within 2 hours of eating tuna steaks. The refinery nurse notified the Louisiana Office of Public Health, and an epidemiologic investigation was initiated to identify the source of the outbreak and implement control measures. Four refinery employees went to the infirmary with facial flushing and pruritic rashes on the face, neck, and trunk and reported heart palpitations and diarrhea after eating tuna

steak in the cafeteria. Median time from eating to onset of symptoms was 1 hour (range: 15 minutes–2 hours). On the basis of clinical symptoms and seafood exposure, scombroid fish poisoning was suspected, and the remaining tuna steaks were immediately removed from the cafeteria line. A facilitywide announcement resulted in identification of two additional cases. Five of the patients were treated with diphenhydramine and loperamide at the refinery infirmary, and one patient was treated with diphenhydramine at a local hospital emergency department.

The epidemiologic investigation indicated that six (26%) of 23 persons served tuna steaks became ill. Symptoms included diarrhea (six persons), facial flushing (five), rapid heartbeat (five), headache (four), rash (three), and shortness of breath (three). Other symptoms included nausea, vomiting, sweating, burning throat, pharyngeal constriction, peppery taste, and abdominal cramps. All symptoms resolved within 24 hours of onset.

Parish sanitarians inspected the cafeteria and found no critical violations. Laboratory testing of tuna steaks from the cafeteria did not detect elevated histamine levels (i.e.,  $>50$  mg/100 g) (1). The fish had been imported from Indonesia through Boston and shipped frozen to the Louisiana distributor. During the traceback investigation by FDA, histamine levels  $>50$  mg/100 g were detected in tuna steaks from a shipment that a local distributor had used to supply the refinery cafeteria. Fish in the implicated shipment had not been distributed to any other facilities, and all remaining product was destroyed voluntarily. FDA's traceback investigation of the tuna shipment did not detect any breaches in temperature control, indicating that any temperature breaches likely occurred between the time the fish was caught and the time it arrived in Boston. Additional preventive measures included a product recall by the distributor in Boston and an FDA import alert regarding the Indonesian firm that supplied the tuna steaks.

**Tennessee.** On November 25, 2006, five persons became ill after eating tuna steaks at one restaurant. Symptoms included skin rash (two persons), headache (two), diarrhea (three), and abdominal cramping (three), with onset occurring 35–150 minutes after tuna consumption. The index patient experienced skin rash and headache 35 minutes after eating tuna. This patient was treated at a local emergency department with antihistamine intravenously, which led to rapid resolution of symptoms. Illness in the other five persons resolved without medical intervention. The physician treating the index patient notified public health officials and the restaurant, and the restaurant immediately stopped serving the implicated fish.

County and state health officials and an FDA investigator inspected the restaurant and determined that appropriate procedures were in place for safe handling of fish. Credit card receipts and reservation histories enabled identification of 14 restaurant patrons who had ordered tuna, including the index patient. Four additional cases of scombroid poisoning were reported among these persons. During an FDA traceback investigation, none of the tuna samples from the restaurant, the restaurant distributor in Tennessee, or the wholesale distributor in Florida contained elevated histamine levels. No additional cases were identified by the managers of the 15 other Tennessee restaurants that received fish with the same lot number from the same regional distributor. The tuna implicated in this outbreak had been part of a 23,448-pound shipment from two processors in Vietnam, but the traceback investigation did not detect any breaches in temperature control for these shipments, and no alerts were issued.

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**Editorial Note:** Scombroid fish poisoning occurs after eating fish with high levels of accumulated histamine or other biogenic amines. Histamine is produced and can accumulate when bacterial enzymes metabolize naturally occurring histidine in fish. This most often occurs when fish is held at ambient or high temperatures (e.g., 70°F–90°F [21.1°C–32.2°C]) for several hours but can occur at more moderate temperatures (e.g.,  $\geq 45^\circ\text{F}$  [ $\geq 7.2^\circ\text{C}$ ]) (2). Rapid chilling of fish immediately after catch is the most effective measure to prevent scombroid fish poisoning. Fish from the family Scombridae (e.g., tuna and mackerel) contain high levels of free histidine in muscle tissue and are the most common sources of scombroid fish poisoning; however, other fish (e.g., mahi mahi, amberjack, bluefish, abalone, and sardines) also have been implicated.

Scombroid fish poisoning accounts for less than 0.5% of foodborne illnesses reported in the United States. During 1998–2002, a total of 118 scombroid fish poisoning outbreaks involving 463 persons were reported to CDC from state health departments (3). More cases likely are unreported because symptoms can be short in duration, mild, and difficult to distinguish from symptoms of other illnesses; additionally, reporting of individual cases is not mandatory under state or federal law. Although elevated histamine levels have been identified in the urine of patients in hospital settings (4), routine diagnosis is based on clinical signs and a history of fish consumption.

The most effective prevention for scombroid fish poisoning is proper refrigeration of fish at  $\leq 40^\circ\text{F}$  ( $\leq 4.4^\circ\text{C}$ ) at all times between catching and consumption. Sensory examination (i.e., by smell and taste) is not sufficient to detect the absence or presence of histamine; chemical testing is required (2). Unlike many bacterial pathogens, histamine is not destroyed when fish are frozen or cooked, making adherence to temperature requirements along all stages of the food supply chain essential. In these two investigations and in previously reported outbreaks (5–8), the precise breach in refrigeration along the fish supply chain was not identified. However, one investigation identified a potential risk for lengthy exposure to high temperatures when using long-line fishing methods in which caught fish might be held in the water for up to 20 hours before being removed from the line (8).

The majority of seafood eaten in the United States is imported. In 1995, FDA established the Seafood Hazard Analysis Critical Control Point (HACCP) program to identify and prevent seafood-processing hazards that can lead to foodborne illness (9). HACCP regulations extend to importers and foreign suppliers, and FDA reports substantial progress in implementing HACCP standards for imported seafood in the United States (9). However, of approximately 8,500 firms importing seafood into the United States during 2002 and 2003, only 5%–7% were inspected by regulators, and FDA reports that firms handling fish that can cause scombroid fish poisoning have particularly low rates of compliance with HACCP regulations (9). Finally, most fishing boats, both foreign and domestic, are not expressly covered by HACCP regulations; instead, processors are expected to ensure that proper procedures for handling of catch are followed onboard fishing vessels.

These two investigations highlight the importance of timely communication among health-care providers, state and local health departments, and FDA in preventing or limiting scombroid fish poisoning outbreaks. In both of these outbreaks, health-care personnel considered scombroid fish poisoning in their initial differential diagnoses on the basis of symptoms and exposure to seafood. The restaurants in which the implicated seafood was served were notified and responded by removing the implicated seafood from the menu to prevent additional exposure and potential illness. FDA testing detected elevated histamine levels in the Louisiana outbreak and facilitated additional food-safety preventive measures in their traceback responses to both outbreaks. These investigations underscore the importance of proper temperature regulation ( $\leq 40^\circ\text{F}$

( $\leq 4.4^{\circ}\text{C}$ ) at all points of the fish supply chain to reduce the incidence of scombroid fish poisoning.

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## Vaccination Coverage Among Children in Kindergarten — United States, 2006–07 School Year

*Healthy People 2010* objectives include increasing vaccination coverage among children in kindergarten and first grade (objective 14-23). For these children, the target is  $\geq 95\%$  vaccination coverage for the following: hepatitis B vaccine; diphtheria and tetanus toxoids and pertussis vaccine, diphtheria and tetanus toxoids and acellular pertussis vaccine, or diphtheria and tetanus toxoids vaccine (DTP/DTaP/DT); poliovirus vaccine; measles, mumps, and rubella (MMR) vaccine; and varicella vaccine (1). To assess progress toward national goals and determine vaccination coverage among children in kindergarten, data were analyzed from reports submitted to CDC by 49 states and the District of Columbia (DC) for the 2006–07 school year (2).<sup>\*</sup> This report summarizes findings from that analysis, which indicated that approximately 75% of states have reached the 2010 objective of at least 95% coverage for all of the vaccines recommended by the Advisory Committee on Immunization Practices (ACIP) for children in kindergarten. These results underscore the effectiveness of school-

entry requirements in increasing vaccination coverage but highlight a need for more standardized vaccination reporting among states.

To determine vaccination coverage, up-to-date status was defined by the vaccines and doses required for school entry in each state rather than by the number of doses recommended by ACIP; the number of doses required to be up to date varies by state depending on timing of vaccinations, state and local area requirements regarding number of doses, and vaccine brands used. National estimates of coverage were calculated by weighting each state's coverage estimate according to the size of its kindergarten enrollment.

For the 2006–07 school year, all states except Nevada submitted reports of vaccination coverage levels for children entering kindergarten. All 49 reporting states and DC assessed vaccination rates in public schools; 44 states also assessed rates in private schools, and six states also assessed rates in home schools. Thirty-five states reported coverage based on  $\geq 95\%$  of children enrolled in kindergarten, and seven states reported coverage based on a random sample of schools and students within schools; the remaining states attempted to gather data on all enrolled kindergarteners but obtained data on  $< 95\%$ . Health departments reviewed vaccination records to assess coverage in seven states, relied on data reported directly from schools in 29 states, and used some other method (e.g., combination of health department and school personnel or registry data) in 14 states.

Among the reporting states, coverage ranged from 32 (74%) states with  $\geq 95\%$  coverage for varicella vaccine to 35 (83%) states with  $\geq 95\%$  coverage for hepatitis B vaccine (Tables 1 and 2). Although four states do not require or monitor mumps vaccination and one state does not

**TABLE 1. Number and percentage of states\* reporting  $\geq 90\%$  and  $\geq 95\%$  vaccination coverage among children enrolled in kindergarten, by vaccine — United States, 2006–07 school year**

| Vaccine                  | No. of states reporting | States reporting $\geq 90\%$ coverage |      | States reporting $\geq 95\%$ <sup>†</sup> coverage |      |
|--------------------------|-------------------------|---------------------------------------|------|--|------|
|                          |                         | No.                                   | (%)  | No.  | (%)  |
| Polio                    | 50                      | 47                                    | (94) | 40   | (80) |
| DTP/DTaP/DT <sup>§</sup> | 50                      | 47                                    | (94) | 38   | (76) |
| MMR <sup>¶</sup>         | 50                      | 46                                    | (92) | 35   | (70) |
| Hepatitis B              | 42                      | 40                                    | (95) | 35   | (83) |
| Varicella                | 43                      | 40                                    | (93) | 32   | (74) |

\* Includes District of Columbia.

<sup>†</sup> *Healthy People 2010* vaccination coverage objective is  $\geq 95\%$  for children in kindergarten.

<sup>§</sup> Diphtheria and tetanus toxoids and pertussis vaccine, diphtheria and tetanus toxoids and acellular pertussis vaccine, or diphtheria and tetanus toxoids vaccine.

<sup>¶</sup> Measles, mumps, and rubella.

<sup>\*</sup> State vaccination reports for kindergarten children are required as part of federal immunization grant funding. Information on survey methods and reporting requirements is available at <http://www.cdc.gov/vaccines/vac-gen/policies/ipom/default.htm>.

**TABLE 2. Estimated vaccination coverage among children enrolled in kindergarten, by vaccine — United States, 2006–07 school year**

| State/Area           | No. surveyed | % surveyed* | Polio (%)   | DTP/DTaP/DT† (%) | MMR§ (%)    | Hepatitis B (%) | Varicella (%) |
|----------------------|--------------|-------------|-------------|------------------|-------------|-----------------|---------------|
| <b>United States</b> | —            | —           | <b>96.3</b> | <b>96.0</b>      | <b>95.6</b> | <b>96.8</b>     | <b>96.5</b>   |
| Alabama              | 74,620       | 100.0       | 94.9        | 94.9             | 94.9        | —¶              | 96.1          |
| Alaska               | 8,931        | 94.5        | 99.3        | 98.7             | 98.6        | 99.2            | —             |
| Arizona              | 89,915       | 99.1        | 97.6        | 96.2             | 93.6        | 96.2            | 97.1          |
| Arkansas             | 36,790       | 100.0       | 96.3        | 95.9             | 95.9        | 98.0            | 97.8          |
| California           | 503,160      | 100.0       | 96.6        | 96.3             | 96.5        | 98.4            | 98.8          |
| Colorado             | 956          | 1.5         | 88.3        | 93.0             | 83.2        | 92.8            | 91.7          |
| Connecticut          | 44,382       | 100.0       | 98.8        | 98.8             | 98.9        | 98.9            | 99.0          |
| Delaware             | 10,312       | 100.0       | 99.1        | 98.8             | 97.4        | 98.7            | 98.9          |
| District of Columbia | 6,396        | 100.0       | 97.5        | 96.9             | 95.1        | 97.1            | 97.5          |
| Florida              | 226,536      | 100.0       | 94.6        | 94.6             | 94.6        | 94.6            | 94.6          |
| Georgia              | 132,191      | 100.0       | 93.7        | 93.7             | 93.7        | 93.7            | 93.7          |
| Hawaii               | 16,905       | 100.0       | 99.8        | 99.6             | 100.0       | 99.8            | 99.6          |
| Idaho                | 21,663       | 100.0       | 94.0        | 88.1             | 88.5        | 94.2            | —             |
| Illinois             | 167,123      | 100.0       | 96.8        | 96.7             | 96.7        | —               | 94.8          |
| Indiana              | 97,073       | 100.0       | 97.7        | 97.3             | 97.4        | 98.9            | 99.2          |
| Iowa                 | 38,203       | 93.8        | 86.4        | 78.2             | 80.9        | 86.4            | —             |
| Kansas               | 9,804        | 30.0        | 98.9        | 95.8             | 99.4        | 95.5            | 81.2          |
| Kentucky             | 50,815       | 100.0       | 95.7        | 96.2             | 95.5        | 94.9            | 95.6          |
| Louisiana            | 148,538      | 100.0       | 95.4        | 95.3             | 95.2        | 96.7            | 90.0          |
| Maine                | 13,826       | 93.7        | 93.6        | 94.5             | 93.2        | —               | 90.5          |
| Maryland             | 21,491       | 31.0        | 99.7        | 99.5             | 99.1        | 99.4            | 99.8          |
| Massachusetts        | 78,503       | 99.0        | 95.7        | 95.1             | 95.7        | 98.5            | 98.6          |
| Michigan             | 134,898      | 100.0       | 97.6        | 96.9             | 96.6        | 97.8            | 97.6          |
| Minnesota            | 67,337       | 100.0       | 97.5        | 97.1             | 97.4        | 98.4            | 98.8          |
| Mississippi          | 43,416       | 99.7        | 99.7        | 99.7             | 99.7        | 99.7            | 99.7          |
| Missouri             | 2,655        | 3.5         | 97.9        | 97.0             | 96.6        | 96.6            | 97.6          |
| Montana              | 11,420       | 99.0        | 98.5        | 98.5             | 98.4        | —               | —             |
| Nebraska             | 25,249       | 99.7        | 98.6        | 98.7             | 96.8        | 97.7            | 98.3          |
| Nevada               | —            | —           | —           | —                | —           | —               | —             |
| New Hampshire        | 127          | 1.1         | 95.3        | 98.4             | 96.9        | 97.6            | 98.4          |
| New Jersey           | 119,956      | 100.0       | 97.7        | 97.7             | 97.7        | 97.7            | 97.7          |
| New Mexico           | 27,845       | 99.2        | 98.9        | 98.7             | 98.5        | —               | 99.6          |
| New York State       | 225,873      | 100.0       | 97.9        | 97.7             | 94.9        | 97.6            | 97.7          |
| North Carolina       | 120,517      | 93.9        | 98.5        | 98.3             | 98.4        | 99.0            | 99.4          |
| North Dakota         | 7,092        | 92.8        | 94.3        | 93.7             | 93.2        | 97.3            | 94.4          |
| Ohio                 | 150,212      | 98.6        | 97.2        | 96.7             | 96.9        | 98.7            | 99.1          |
| Oklahoma             | 48,220       | 97.7        | 95.5        | 95.1             | 95.3        | 98.2            | 98.3          |
| Oregon               | 45,612       | 100.0       | 95.4        | 94.9             | 95.4        | 95.9            | 96.3          |
| Pennsylvania         | 148,405      | 98.9        | 87.6        | 87.6             | 87.6        | 87.6            | 87.6          |
| Rhode Island         | 1,345        | 11.4        | 99.3        | 98.5             | 93.0        | 97.7            | 98.7          |
| South Carolina       | 6,032        | 10.6        | 99.8        | 99.5             | 98.3        | 99.7            | 89.1          |
| South Dakota         | 10,541       | 99.8        | 99.3        | 99.3             | 98.6        | —               | 99.5          |
| Tennessee            | 82,578       | 100.0       | 97.2        | 97.2             | 97.2        | 97.2            | 97.2          |
| Texas                | 344,176      | 97.5        | 98.2        | 97.7             | 97.9        | 98.2            | 98.6          |
| Utah                 | 46,062       | 97.0        | 97.8        | 97.1             | 97.5        | 98.0            | 98.9          |
| Vermont              | 6,838        | 100.0       | 95.6        | 96.7             | 92.7        | —               | —             |
| Virginia             | 82,196       | 91.8        | 95.6        | 95.6             | 95.6        | 95.6            | 95.6          |
| Washington           | 75,288       | 97.5        | 93.6        | 93.7             | 94.9        | 95.5            | 92.8          |
| West Virginia        | 17,682       | 78.0        | 96.3        | 94.3             | 96.0        | —               | —             |
| Wisconsin            | 1,560        | 2.2         | 97.6        | 97.6             | 93.1        | 96.7            | 96.1          |
| Wyoming              | 501          | 7.9         | 98.8        | 97.8             | 98.6        | 98.4            | —             |

\* The proportion of eligible children for whom vaccination data were collected.

† Diphtheria and tetanus toxoids and pertussis vaccine, diphtheria and tetanus toxoids and acellular pertussis vaccine, or diphtheria and tetanus toxoids vaccine.

§ Measles, mumps, and rubella.

¶ Did not report coverage to CDC during 2006–07 school year.



require or monitor rubella vaccination, MMR usually is the vaccine of choice for protection against measles; therefore, children who receive this vaccine are protected against all three diseases. Thirty-five (70%) states reported  $\geq 95\%$  coverage for MMR. Thirteen of the reporting states did not meet the 95% coverage target for one or more of the vaccines.

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**Editorial Note:** State laws requiring proof of vaccination at early school entry are key to the U.S. vaccination program and help ensure that no child is unvaccinated (3,4). The effectiveness of these laws depends on school nurses, teachers, health department staff members, and others identifying children whose vaccinations are not up to date. The findings from this analysis indicate that approximately 75% of states have reached the 2010 objective of at least 95% coverage for all vaccines recommended for children in kindergarten. The high nationwide coverage indicated in this analysis and other surveys in recent years underscore the success of school-entry requirements in boosting vaccination coverage. Childhood vaccination coverage also is measured nationally among children aged 19–35 months (5). Higher percentages of children are up to date at kindergarten entry than at younger ages, suggesting that early school-entry laws help maintain high coverage and ensure completion of the vaccine doses recommended for children by ages 4–6 years (5).

The findings in this report are subject to at least four limitations. First, the vaccinations required and the methods for surveying kindergarten children vary substantially among states, which limits comparability of data. Second, results from states that assessed a small, random sample of students might be less precise than results from states that assessed all students; however, state sampling methods were reviewed and approved by CDC to increase the accuracy of estimates. Third, private schools and home schools were not surveyed by all states. Finally, incomplete reporting by certain states limits interpretation of these data.

CDC is continuing to work with state immunization programs to improve certain state survey methods and standardize reporting of data. For example, CDC provided a standardized, online reporting system during the 2002–03 school year (2). CDC also has encouraged greater standardization of reporting by requesting that all states report coverage based on ACIP vaccination recommendations (6). In addition, CDC has reviewed state survey methods and developed preliminary recommendations for standardizing data collection and reporting. These preliminary

recommendations will be revised as needed after consultation with state immunization programs. Additional information regarding assessing and reporting vaccination coverage among children entering school is available at <http://www.cdc.gov/vaccines/stats-surv/schoolsurv/default.htm> (2).

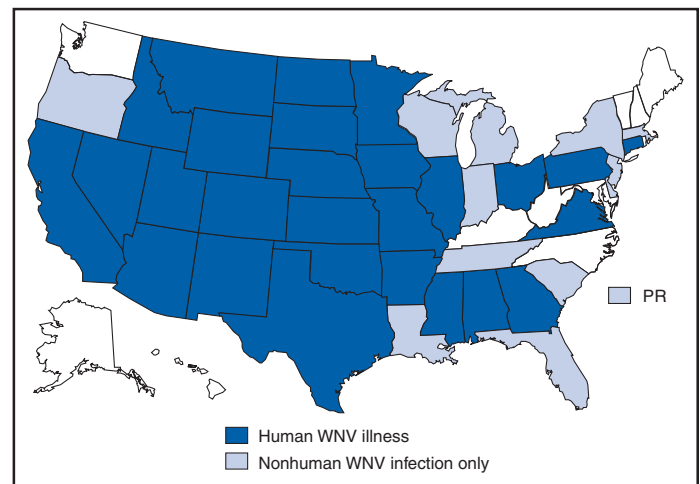
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## West Nile Virus Update — United States, January 1–August 14, 2007

This report summarizes 2007 West Nile virus (WNV) surveillance data reported to CDC through ArboNET as of 3 a.m. Mountain Daylight Time, August 14, 2007. A total of 27 states have reported 444 cases of human WNV illness to CDC (Figure, Table). A total of 241 (54%) cases for which such data were available occurred in males; median age of patients was 48 years (range: 2–96 years).

**FIGURE. Areas reporting West Nile virus (WNV) activity — United States, 2007\***



\* As of August 14, 2007.

**TABLE. Number of human cases of West Nile virus (WNV) illness, by state — United States, 2007\***

| State        | Neuroinvasive disease† | West Nile fever‡ | Other clinical/ unspecified¶ | Total reported to CDC** | Deaths    |
|--------------|------------------------|------------------|------------------------------|-------------------------|-----------|
| Alabama      | 5                      | 2                | 0                            | 7                       | 1         |
| Arizona      | 10                     | 4                | 2                            | 16                      | 0         |
| Arkansas     | 3                      | 0                | 0                            | 3                       | 1         |
| California   | 32                     | 51               | 3                            | 86                      | 5         |
| Colorado     | 10                     | 62               | 0                            | 72                      | 1         |
| Connecticut  | 2                      | 0                | 0                            | 2                       | 0         |
| Georgia      | 1                      | 1                | 1                            | 3                       | 0         |
| Idaho        | 1                      | 12               | 0                            | 13                      | 0         |
| Illinois     | 6                      | 1                | 1                            | 8                       | 1         |
| Iowa         | 1                      | 1                | 0                            | 2                       | 0         |
| Kansas       | 2                      | 3                | 0                            | 5                       | 0         |
| Minnesota    | 8                      | 7                | 0                            | 15                      | 0         |
| Mississippi  | 6                      | 8                | 0                            | 14                      | 1         |
| Missouri     | 1                      | 3                | 0                            | 4                       | 0         |
| Montana      | 1                      | 5                | 0                            | 6                       | 0         |
| Nebraska     | 0                      | 16               | 0                            | 16                      | 0         |
| Nevada       | 0                      | 2                | 0                            | 2                       | 0         |
| New Mexico   | 5                      | 3                | 0                            | 8                       | 0         |
| North Dakota | 8                      | 44               | 0                            | 52                      | 1         |
| Ohio         | 1                      | 0                | 0                            | 1                       | 0         |
| Oklahoma     | 2                      | 0                | 0                            | 2                       | 1         |
| Pennsylvania | 1                      | 0                | 0                            | 1                       | 0         |
| South Dakota | 19                     | 43               | 0                            | 62                      | 2         |
| Texas        | 4                      | 3                | 0                            | 7                       | 0         |
| Utah         | 1                      | 1                | 0                            | 2                       | 0         |
| Virginia     | 1                      | 0                | 0                            | 1                       | 0         |
| Wyoming      | 5                      | 27               | 2                            | 34                      | 1         |
| <b>Total</b> | <b>136</b>             | <b>299</b>       | <b>9</b>                     | <b>444</b>              | <b>15</b> |

\* As of August 14, 2007.

† 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.

Dates of illness onset ranged from March 25 to August 5; 15 cases were fatal.

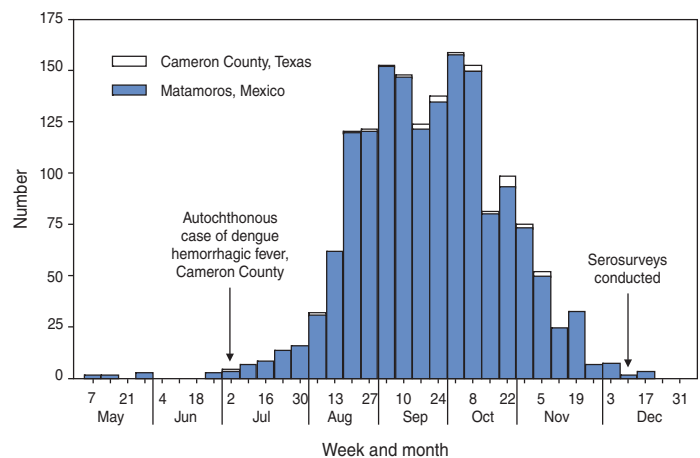
A total of 49 presumptive West Nile viremic blood donors (PVDs) have been reported to ArboNET during 2007. Of these, 19 were reported from California; seven from Texas; five each from Colorado and North Dakota; three each from Kentucky and South Dakota; two from

Minnesota; and one each from Arizona, Iowa, New Mexico, North Carolina, and South Carolina. Of the 49 PVDs, 15 persons (median age: 49 years [range: 18–79 years]) subsequently had West Nile fever.

In addition, 539 dead corvids and 165 other dead birds with WNV infection have been reported in 24 states during 2007. WNV infections have been reported in horses in 17 states, in seven squirrels in California, and in two unidentified animal species in Idaho and Montana. WNV seroconversions have been reported in 189 sentinel chicken flocks in six states (Arizona, California, Florida, Iowa, North Dakota, and Utah) and Puerto Rico. A total of 1,845 WNV-positive mosquito pools have been reported from 31 states. 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>.

### Erratum: Vol. 56, No. 31

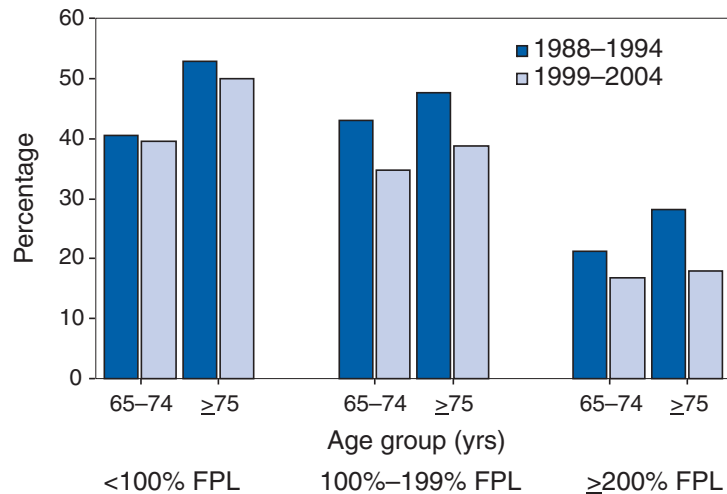
In the report, “Dengue Hemorrhagic Fever — U.S.-Mexico Border, 2005,” on page 788, in Figure 2, the legend was incorrect. The corrected figure is as follows:



## QuickStats

FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

### Prevalence of Complete Tooth Loss Among Older Adults,\* By Age Group and Federal Poverty Level (FPL)<sup>†</sup> — National Health and Nutrition Examination Survey, 1988–1994 and 1999–2004



\* As determined by the dental component of the standardized physical examination of the National Health and Nutrition Examination Survey.

<sup>†</sup> Based on family size and income.

The prevalence of complete tooth loss (edentulism) was significantly lower ( $p < 0.05$ , by  $t$  test) for adults with a family income of  $\geq 200\%$  FPL compared with those in lower income groups. The prevalence of edentulism decreased between 1988–1994 and 1999–2004 for those in the 100%–199% and  $\geq 200\%$  FPL groups but not for those in the  $< 100\%$  FPL group.

**SOURCE:** National Health and Nutrition Examination Survey, 1988–1994 and 1999–2004. Available at <http://www.cdc.gov/nchs/nhanes.htm>.

**TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending August 11, 2007 (32nd Week)\***

| Disease  | Current week | Cum 2007 | 5-year weekly average† | Total cases reported for previous years |      |      |       |       | States reporting cases during current week (No.)                       |
|--|--------------|----------|------------------------|---|------|------|-------|-------|--|
|  |              |          |                        | 2006                                    | 2005 | 2004 | 2003  | 2002  |  |
| Anthrax  | —            | —        | —                      | 1                                       | —    | —    | —     | 2     |  |
| Botulism:  |              |          |                        |   |      |      |       |       |  |
| foodborne  | —            | 3        | 1                      | 20                                      | 19   | 16   | 20    | 28    |  |
| infant   | —            | 52       | 2                      | 97                                      | 85   | 87   | 76    | 69    |  |
| other (wound & unspecified)                              | 2            | 14       | 1                      | 48                                      | 31   | 30   | 33    | 21    | CA (2)   |
| Brucellosis  | 4            | 73       | 3                      | 121                                     | 120  | 114  | 104   | 125   | MI (1), TN (1), AZ (1), NV (1)   |
| Chancroid  | —            | 18       | 1                      | 33                                      | 17   | 30   | 54    | 67    |  |
| Cholera  | —            | 1        | 0                      | 9                                       | 8    | 5    | 2     | 2     |  |
| Cyclosporiasis§  | 2            | 62       | 5                      | 136                                     | 543  | 171  | 75    | 156   | NC (1), FL (1)   |
| Diphtheria   | —            | —        | —                      | —                                       | —    | —    | 1     | 1     |  |
| Domestic arboviral diseases¶:                            |              |          |                        |   |      |      |       |       |  |
| California serogroup                                     | —            | 6        | 6                      | 67                                      | 80   | 112  | 108   | 164   |  |
| eastern equine   | —            | —        | 1                      | 8                                       | 21   | 6    | 14    | 10    |  |
| Powassan   | —            | —        | 0                      | 1                                       | 1    | 1    | —     | 1     |  |
| St. Louis  | —            | 2        | 2                      | 10                                      | 13   | 12   | 41    | 28    |  |
| western equine   | —            | —        | —                      | —                                       | —    | —    | —     | —     |  |
| Ehrlichiosis§:   |              |          |                        |   |      |      |       |       |  |
| human granulocytic                                       | 29           | 177      | 18                     | 646                                     | 786  | 537  | 362   | 511   | ME (1), NY (13), MN (14), MO (1)                                       |
| human monocytic  | 18           | 226      | 15                     | 578                                     | 506  | 338  | 321   | 216   | NY (3), MN (3), MO (2), NE (1), MD (1), NC (2), FL (1), AR (4), OK (1) |
| human (other & unspecified)                              | 1            | 67       | 3                      | 231                                     | 112  | 59   | 44    | 23    | AR (1)   |
| <i>Haemophilus influenzae</i> ,**                        |              |          |                        |   |      |      |       |       |  |
| invasive disease (age <5 yrs):                           |              |          |                        |   |      |      |       |       |  |
| serotype b   | —            | 8        | 1                      | 29                                      | 9    | 19   | 32    | 34    |  |
| nonserotype b  | 1            | 55       | 2                      | 175                                     | 135  | 135  | 117   | 144   | UT (1)   |
| unknown serotype   | 1            | 165      | 3                      | 179                                     | 217  | 177  | 227   | 153   | AZ (1)   |
| Hansen disease§  | —            | 31       | 2                      | 66                                      | 87   | 105  | 95    | 96    |  |
| Hantavirus pulmonary syndrome§                           | —            | 17       | 0                      | 40                                      | 26   | 24   | 26    | 19    |  |
| Hemolytic uremic syndrome, postdiarrheal§                | 5            | 104      | 7                      | 288                                     | 221  | 200  | 178   | 216   | CT (2), OH (2), FL (1)   |
| Hepatitis C viral, acute                                 | 6            | 392      | 21                     | 802                                     | 652  | 713  | 1,102 | 1,835 | MO (1), OK (3), TX (2)   |
| HIV infection, pediatric (age <13 yrs)††                 | —            | —        | 5                      | 52                                      | 380  | 436  | 504   | 420   |  |
| Influenza-associated pediatric mortality§§               | —            | 71       | 0                      | 43                                      | 45   | —    | N     | N     |  |
| Listeriosis  | 7            | 345      | 22                     | 875                                     | 896  | 753  | 696   | 665   | PA (1), OH (1), FL (3), TX (1), CA (1)                                 |
| Measles¶¶  | —            | 21       | 1                      | 55                                      | 66   | 37   | 56    | 44    |  |
| Meningococcal disease, invasive***:                      |              |          |                        |   |      |      |       |       |  |
| A, C, Y, & W-135   | 2            | 170      | 4                      | 311                                     | 297  | —    | —     | —     | MN (1), TX (1)   |
| serogroup B  | 3            | 81       | 2                      | 190                                     | 156  | —    | —     | —     | IN (2), TX (1)   |
| other serogroup  | —            | 13       | 1                      | 31                                      | 27   | —    | —     | —     |  |
| unknown serogroup  | 9            | 409      | 8                      | 648                                     | 765  | —    | —     | —     | PA (2), OH (1), FL (2), TX (1), CA (3)                                 |
| Mumps  | 4            | 526      | 12                     | 6,584                                   | 314  | 258  | 231   | 270   | NY (1), MI (1), MD (1), FL (1)   |
| Novel influenza A virus infections                       | —            | —        | —                      | N                                       | N    | N    | N     | N     |  |
| Plague   | —            | 4        | 0                      | 17                                      | 8    | 3    | 1     | 2     |  |
| Poliomyelitis, paralytic                                 | —            | —        | —                      | —                                       | 1    | —    | —     | —     |  |
| Poliovirus infection, nonparalytic§                      | —            | —        | —                      | N                                       | N    | N    | N     | N     |  |
| Psittacosis§   | 1            | 4        | 0                      | 21                                      | 16   | 12   | 12    | 18    | NY (1)   |
| Q fever§   | 2            | 107      | 2                      | 169                                     | 136  | 70   | 71    | 61    | MO (1), CA (1)   |
| Rabies, human  | —            | —        | 0                      | 3                                       | 2    | 7    | 2     | 3     |  |
| Rubella†††   | —            | 9        | 0                      | 11                                      | 11   | 10   | 7     | 18    |  |
| Rubella, congenital syndrome                             | —            | —        | —                      | 1                                       | 1    | —    | 1     | 1     |  |
| SARS-CoV§§§  | —            | —        | —                      | —                                       | —    | —    | 8     | N     |  |
| Smallpox§  | —            | —        | —                      | —                                       | —    | —    | —     | —     |  |
| Streptococcal toxic-shock syndrome§                      | 1            | 70       | 1                      | 125                                     | 129  | 132  | 161   | 118   | OH (1)   |
| Syphilis, congenital (age <1 yr)                         | 1            | 211      | 7                      | 380                                     | 329  | 353  | 413   | 412   | NY (1)   |
| Tetanus  | —            | 7        | 1                      | 41                                      | 27   | 34   | 20    | 25    |  |
| Toxic-shock syndrome (staphylococcal)§                   | —            | 46       | 2                      | 101                                     | 90   | 95   | 133   | 109   |  |
| Trichinellosis   | —            | 5        | 0                      | 15                                      | 16   | 5    | 6     | 14    |  |
| Tularemia  | 1            | 66       | 4                      | 95                                      | 154  | 134  | 129   | 90    | MO (1)   |
| Typhoid fever  | 1            | 162      | 8                      | 353                                     | 324  | 322  | 356   | 321   | MD (1)   |
| Vancomycin-intermediate <i>Staphylococcus aureus</i> §   | —            | 6        | 0                      | 6                                       | 2    | —    | N     | N     |  |
| Vancomycin-resistant <i>Staphylococcus aureus</i> §      | —            | —        | —                      | 1                                       | 3    | 1    | N     | N     |  |
| Vibriosis (noncholera <i>Vibrio</i> species infections)§ | 13           | 144      | 7                      | N                                       | N    | N    | N     | N     | NY (2), MD (2), GA (1), FL (2), AL (1), CA (5)                         |
| Yellow fever   | —            | —        | —                      | —                                       | —    | —    | —     | 1     |  |

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

\* Incidence data for reporting years 2006 and 2007 are provisional, whereas data for 2002, 2003, 2004, and 2005 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 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.

\*\* 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. A total of 68 cases were reported for the 2006–07 flu season.

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

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

††† 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.







**TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 11, 2007, and August 12, 2006 (32nd Week)\***

| Reporting area       | Lyme disease |                   |     |          |          | Malaria      |                   |     |          |          | Meningococcal disease, invasive†<br>All serogroups |                   |     |          |          |
|----------------------|--------------|-------------------|-----|----------|----------|--------------|-------------------|-----|----------|----------|--|-------------------|-----|----------|----------|
|                      | Current week | Previous 52 weeks |     | Cum 2007 | Cum 2006 | Current week | Previous 52 weeks |     | Cum 2007 | Cum 2006 | Current week                                       | Previous 52 weeks |     | Cum 2007 | Cum 2006 |
|                      |              | Med               | Max |          |          |              | Med               | Max |          |          |  | Med               | Max |          |          |
| <b>United States</b> | 381          | 228               | 981 | 8,907    | 11,927   | 13           | 23                | 105 | 589      | 839      | 15   | 19                | 87  | 673      | 762      |
| <b>New England</b>   | 101          | 39                | 266 | 1,620    | 2,849    | —            | 1                 | 5   | 28       | 39       | —  | 1                 | 3   | 32       | 27       |
| Connecticut          | 91           | 12                | 214 | 1,030    | 1,104    | —            | 0                 | 3   | 1        | 10       | —  | 0                 | 1   | 6        | 9        |
| Maine‡               | —            | 3                 | 38  | 107      | 55       | —            | 0                 | 1   | 4        | 3        | —  | 0                 | 3   | 5        | 3        |
| Massachusetts        | —            | 1                 | 52  | 21       | 1,160    | —            | 0                 | 3   | 16       | 18       | —  | 0                 | 2   | 17       | 12       |
| New Hampshire        | 7            | 6                 | 43  | 386      | 484      | —            | 0                 | 4   | 6        | 7        | —  | 0                 | 1   | —        | 1        |
| Rhode Island§        | —            | 0                 | 93  | 3        | 1        | —            | 0                 | 1   | —        | —        | —  | 0                 | 1   | 1        | —        |
| Vermont‡             | 3            | 1                 | 16  | 73       | 45       | —            | 0                 | 1   | 1        | 1        | —  | 0                 | 1   | 3        | 2        |
| <b>Mid. Atlantic</b> | 197          | 127               | 470 | 4,684    | 5,951    | 1            | 5                 | 18  | 130      | 206      | 2  | 2                 | 8   | 95       | 125      |
| New Jersey           | 4            | 26                | 60  | 807      | 1,855    | —            | 0                 | 5   | —        | 64       | —  | 0                 | 2   | 10       | 13       |
| New York (Upstate)   | 162          | 50                | 426 | 1,650    | 1,803    | 1            | 1                 | 7   | 35       | 19       | —  | 1                 | 3   | 25       | 28       |
| New York City        | —            | 1                 | 20  | 37       | 201      | —            | 3                 | 8   | 77       | 99       | —  | 0                 | 4   | 24       | 48       |
| Pennsylvania         | 31           | 44                | 220 | 2,190    | 2,092    | —            | 1                 | 4   | 18       | 24       | 2  | 1                 | 5   | 36       | 36       |
| <b>E.N. Central</b>  | 5            | 6                 | 50  | 160      | 1,410    | —            | 2                 | 10  | 61       | 91       | 3  | 3                 | 9   | 90       | 110      |
| Illinois             | —            | 0                 | 6   | 33       | 91       | —            | 1                 | 6   | 25       | 44       | —  | 0                 | 3   | 24       | 30       |
| Indiana              | 2            | 0                 | 4   | 20       | 15       | —            | 0                 | 2   | 5        | 8        | 2  | 0                 | 4   | 17       | 14       |
| Michigan             | 3            | 1                 | 6   | 29       | 31       | —            | 0                 | 2   | 9        | 13       | —  | 0                 | 3   | 17       | 19       |
| Ohio                 | —            | 0                 | 3   | 8        | 32       | —            | 0                 | 2   | 14       | 19       | 1  | 1                 | 3   | 24       | 31       |
| Wisconsin            | —            | 3                 | 40  | 70       | 1,241    | —            | 0                 | 3   | 8        | 7        | —  | 0                 | 3   | 8        | 16       |
| <b>W.N. Central</b>  | 34           | 4                 | 195 | 255      | 317      | —            | 0                 | 12  | 22       | 29       | 2  | 1                 | 5   | 40       | 45       |
| Iowa                 | —            | 1                 | 9   | 48       | 80       | —            | 0                 | 1   | 2        | 1        | —  | 0                 | 3   | 10       | 11       |
| Kansas               | —            | 0                 | 2   | 10       | 3        | —            | 0                 | 1   | 2        | 5        | 1  | 0                 | 1   | 1        | 2        |
| Minnesota            | 32           | 1                 | 188 | 177      | 224      | —            | 0                 | 12  | 11       | 14       | 1  | 0                 | 3   | 12       | 10       |
| Missouri             | —            | 0                 | 4   | 14       | 2        | —            | 0                 | 1   | 2        | 5        | —  | 0                 | 3   | 10       | 13       |
| Nebraska‡            | —            | 0                 | 2   | 4        | 7        | —            | 0                 | 1   | 4        | 2        | —  | 0                 | 1   | 2        | 6        |
| North Dakota         | 2            | 0                 | 7   | 2        | —        | —            | 0                 | 1   | —        | 1        | —  | 0                 | 3   | 2        | 1        |
| South Dakota         | —            | 0                 | 0   | —        | 1        | —            | 0                 | 1   | 1        | 1        | —  | 0                 | 1   | 3        | 2        |
| <b>S. Atlantic</b>   | 38           | 48                | 144 | 2,019    | 1,309    | 5            | 5                 | 14  | 141      | 222      | 2  | 3                 | 11  | 106      | 131      |
| Delaware             | 11           | 9                 | 33  | 445      | 341      | —            | 0                 | 1   | 3        | 5        | —  | 0                 | 1   | 1        | 4        |
| District of Columbia | —            | 0                 | 7   | 13       | 24       | —            | 0                 | 2   | 3        | 3        | —  | 0                 | 1   | —        | —        |
| Florida              | 2            | 1                 | 5   | 33       | 12       | —            | 1                 | 8   | 32       | 33       | 2  | 1                 | 7   | 40       | 50       |
| Georgia              | —            | 0                 | 1   | 1        | 7        | 5            | 0                 | 5   | 19       | 67       | —  | 0                 | 3   | 10       | 10       |
| Maryland‡            | 19           | 26                | 108 | 1,048    | 764      | —            | 1                 | 4   | 32       | 51       | —  | 0                 | 2   | 18       | 9        |
| North Carolina       | 4            | 0                 | 6   | 30       | 18       | —            | 0                 | 4   | 16       | 16       | —  | 0                 | 6   | 14       | 23       |
| South Carolina‡      | 1            | 0                 | 2   | 14       | 9        | —            | 0                 | 1   | 5        | 8        | —  | 0                 | 2   | 10       | 16       |
| Virginia‡            | 1            | 10                | 60  | 405      | 129      | —            | 1                 | 3   | 29       | 37       | —  | 0                 | 2   | 12       | 14       |
| West Virginia        | —            | 0                 | 14  | 30       | 5        | —            | 0                 | 1   | 2        | 2        | —  | 0                 | 2   | 1        | 5        |
| <b>E.S. Central</b>  | 1            | 1                 | 4   | 32       | 18       | —            | 0                 | 3   | 22       | 17       | —  | 1                 | 4   | 34       | 28       |
| Alabama‡             | —            | 0                 | 3   | 8        | 6        | —            | 0                 | 2   | 4        | 8        | —  | 0                 | 2   | 6        | 4        |
| Kentucky             | —            | 0                 | 2   | 3        | 2        | —            | 0                 | 1   | 4        | 3        | —  | 0                 | 2   | 7        | 7        |
| Mississippi          | —            | 0                 | 0   | —        | 3        | —            | 0                 | 1   | 1        | 3        | —  | 0                 | 4   | 9        | 2        |
| Tennessee‡           | 1            | 0                 | 3   | 21       | 7        | —            | 0                 | 2   | 13       | 3        | —  | 0                 | 2   | 12       | 15       |
| <b>W.S. Central</b>  | —            | 1                 | 5   | 37       | 12       | 3            | 2                 | 29  | 59       | 57       | 3  | 2                 | 15  | 74       | 74       |
| Arkansas‡            | —            | 0                 | 0   | —        | —        | —            | 0                 | 2   | —        | 2        | —  | 0                 | 2   | 8        | 8        |
| Louisiana            | —            | 0                 | 1   | 2        | —        | —            | 0                 | 2   | 13       | 4        | —  | 0                 | 4   | 24       | 29       |
| Oklahoma             | —            | 0                 | 0   | —        | —        | —            | 0                 | 3   | 5        | 6        | —  | 0                 | 4   | 14       | 8        |
| Texas‡               | —            | 1                 | 5   | 35       | 12       | 3            | 1                 | 25  | 41       | 45       | 3  | 0                 | 11  | 28       | 29       |
| <b>Mountain</b>      | 1            | 1                 | 3   | 20       | 12       | —            | 1                 | 6   | 33       | 42       | —  | 1                 | 4   | 43       | 48       |
| Arizona              | —            | 0                 | 1   | —        | 4        | —            | 0                 | 3   | 5        | 14       | —  | 0                 | 2   | 8        | 13       |
| Colorado             | —            | 0                 | 1   | 1        | —        | —            | 0                 | 2   | 11       | 12       | —  | 0                 | 2   | 16       | 15       |
| Idaho‡               | —            | 0                 | 2   | 7        | 1        | —            | 0                 | 2   | 2        | —        | —  | 0                 | 1   | 3        | 1        |
| Montana‡             | —            | 0                 | 1   | 1        | —        | —            | 0                 | 1   | 3        | 1        | —  | 0                 | 1   | 1        | 3        |
| Nevada‡              | 1            | 0                 | 2   | 6        | 1        | —            | 0                 | 1   | 2        | 2        | —  | 0                 | 1   | 3        | 4        |
| New Mexico‡          | —            | 0                 | 0   | —        | 3        | —            | 0                 | 1   | 1        | 4        | —  | 0                 | 1   | 2        | 2        |
| Utah                 | —            | 0                 | 2   | 3        | 2        | —            | 0                 | 3   | 9        | 9        | —  | 0                 | 2   | 8        | 6        |
| Wyoming‡             | —            | 0                 | 1   | 2        | 1        | —            | 0                 | 0   | —        | —        | —  | 0                 | 1   | 2        | 4        |
| <b>Pacific</b>       | 4            | 2                 | 16  | 80       | 49       | 4            | 3                 | 45  | 93       | 136      | 3  | 4                 | 48  | 159      | 174      |
| Alaska               | —            | 0                 | 1   | 3        | 2        | —            | 0                 | 1   | 2        | 21       | —  | 0                 | 1   | 1        | 3        |
| California           | 4            | 2                 | 10  | 76       | 43       | 2            | 2                 | 6   | 61       | 100      | 3  | 3                 | 10  | 115      | 137      |
| Hawaii               | N            | 0                 | 0   | N        | N        | —            | 0                 | 1   | 2        | 8        | —  | 0                 | 1   | 3        | 5        |
| Oregon‡              | —            | 0                 | 1   | 1        | 4        | —            | 0                 | 3   | 12       | 7        | —  | 0                 | 3   | 24       | 29       |
| Washington           | —            | 0                 | 8   | —        | —        | 2            | 0                 | 43  | 16       | —        | —  | 0                 | 43  | 16       | —        |
| American Samoa       | U            | 0                 | 0   | U        | U        | U            | 0                 | 0   | U        | U        | U  | 0                 | 0   | —        | —        |
| C.N.M.I.             | U            | —                 | —   | U        | U        | U            | —                 | —   | U        | U        | U  | —                 | —   | —        | —        |
| Guam                 | —            | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —  | 0                 | 0   | —        | —        |
| Puerto Rico          | N            | 0                 | 0   | N        | N        | —            | 0                 | 1   | 1        | —        | —  | 0                 | 1   | 6        | 4        |
| U.S. Virgin Islands  | U            | 0                 | 0   | U        | U        | U            | 0                 | 0   | U        | U        | U  | 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 2006 and 2007 are provisional.

† Data for meningococcal disease, invasive caused by serogroups A, C, Y, &amp; 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 11, 2007, and August 12, 2006 (32nd Week)\*

| Reporting area       | Pertussis    |                   |       |          |          | Rabies, animal |                   |     |          |          | Rocky Mountain spotted fever |                   |     |          |          |
|----------------------|--------------|-------------------|-------|----------|----------|----------------|-------------------|-----|----------|----------|------------------------------|-------------------|-----|----------|----------|
|                      | Current week | Previous 52 weeks |       | Cum 2007 | Cum 2006 | Current week   | Previous 52 weeks |     | Cum 2007 | Cum 2006 | Current week                 | Previous 52 weeks |     | Cum 2007 | Cum 2006 |
|                      |              | Med               | Max   |          |          |                | Med               | Max |          |          |                              | Med               | Max |          |          |
| <b>United States</b> | 66           | 183               | 1,479 | 4,984    | 8,451    | 90             | 91                | 171 | 2,750    | 3,245    | 38                           | 31                | 211 | 924      | 1,138    |
| <b>New England</b>   | 4            | 33                | 77    | 743      | 958      | 10             | 12                | 22  | 353      | 238      | —                            | 0                 | 10  | —        | 9        |
| Connecticut          | —            | 1                 | 6     | 26       | 60       | 9              | 5                 | 11  | 141      | 103      | —                            | 0                 | 0   | —        | —        |
| Maine†               | —            | 2                 | 15    | 38       | 49       | —              | 2                 | 8   | 46       | 59       | —                            | 0                 | 0   | —        | —        |
| Massachusetts        | 4            | 22                | 46    | 613      | 603      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 1   | —        | 8        |
| New Hampshire        | —            | 2                 | 9     | 36       | 139      | —              | 1                 | 4   | 31       | 22       | —                            | 0                 | 0   | —        | 1        |
| Rhode Island†        | —            | 0                 | 31    | 4        | 25       | —              | 0                 | 3   | 25       | 17       | —                            | 0                 | 9   | —        | —        |
| Vermont†             | —            | 1                 | 9     | 26       | 82       | 1              | 2                 | 13  | 110      | 37       | —                            | 0                 | 0   | —        | —        |
| <b>Mid. Atlantic</b> | 18           | 28                | 155   | 697      | 1,045    | —              | 13                | 44  | 420      | 295      | 1                            | 1                 | 6   | 32       | 57       |
| New Jersey           | —            | 2                 | 16    | 66       | 190      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 3   | 1        | 28       |
| New York (Upstate)   | 15           | 16                | 146   | 374      | 425      | —              | —                 | —   | —        | —        | 1                            | 0                 | 1   | 3        | —        |
| New York City        | —            | 2                 | 6     | 68       | 62       | —              | 1                 | 5   | 28       | 13       | —                            | 0                 | 3   | 14       | 15       |
| Pennsylvania         | 3            | 8                 | 20    | 189      | 368      | —              | 12                | 44  | 392      | 282      | —                            | 0                 | 3   | 14       | 14       |
| <b>E.N. Central</b>  | 16           | 36                | 80    | 936      | 1,235    | 16             | 2                 | 19  | 154      | 86       | —                            | 1                 | 9   | 26       | 39       |
| Illinois             | —            | 4                 | 23    | 88       | 302      | 3              | 1                 | 7   | 45       | 21       | —                            | 0                 | 3   | 16       | 20       |
| Indiana              | —            | 1                 | 45    | 39       | 138      | 1              | 0                 | 1   | 7        | 7        | —                            | 0                 | 1   | 3        | 3        |
| Michigan             | 4            | 8                 | 39    | 159      | 280      | 10             | 1                 | 11  | 55       | 34       | —                            | 0                 | 1   | 3        | 1        |
| Ohio                 | 12           | 15                | 54    | 451      | 369      | 2              | 0                 | 12  | 47       | 24       | —                            | 0                 | 4   | 4        | 14       |
| Wisconsin            | —            | 5                 | 24    | 199      | 146      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 0   | —        | 1        |
| <b>W.N. Central</b>  | 1            | 14                | 151   | 363      | 791      | 4              | 6                 | 17  | 170      | 193      | 2                            | 3                 | 12  | 115      | 118      |
| Iowa                 | —            | 4                 | 16    | 95       | 204      | —              | 0                 | 7   | 21       | 36       | —                            | 0                 | 1   | 6        | 4        |
| Kansas               | 1            | 3                 | 14    | 92       | 162      | 2              | 2                 | 8   | 87       | 51       | —                            | 0                 | 1   | 2        | —        |
| Minnesota            | —            | 0                 | 119   | 59       | 111      | —              | 0                 | 5   | 17       | 28       | —                            | 0                 | 2   | 1        | 1        |
| Missouri             | —            | 3                 | 10    | 45       | 203      | 2              | 0                 | 6   | 23       | 36       | 2                            | 2                 | 12  | 96       | 95       |
| Nebraska†            | —            | 1                 | 4     | 28       | 74       | —              | 0                 | 0   | —        | —        | —                            | 0                 | 2   | 7        | 18       |
| North Dakota         | —            | 0                 | 18    | 4        | 20       | —              | 0                 | 6   | 12       | 14       | —                            | 0                 | 0   | —        | —        |
| South Dakota         | —            | 0                 | 6     | 40       | 17       | —              | 0                 | 2   | 10       | 28       | —                            | 0                 | 1   | 3        | —        |
| <b>S. Atlantic</b>   | 10           | 19                | 163   | 571      | 685      | 49             | 40                | 65  | 1,252    | 1,472    | 22                           | 12                | 67  | 505      | 650      |
| Delaware             | —            | 0                 | 2     | 7        | 3        | —              | 0                 | 0   | —        | —        | —                            | 0                 | 2   | 7        | 17       |
| District of Columbia | —            | 0                 | 2     | 2        | 3        | —              | 0                 | 0   | —        | —        | —                            | 0                 | 1   | 1        | 1        |
| Florida              | 8            | 4                 | 18    | 149      | 133      | —              | 0                 | 28  | 79       | 176      | —                            | 0                 | 4   | 12       | 8        |
| Georgia              | 1            | 1                 | 5     | 21       | 61       | 19             | 4                 | 23  | 141      | 167      | —                            | 0                 | 5   | 14       | 32       |
| Maryland†            | —            | 2                 | 8     | 68       | 96       | 9              | 6                 | 12  | 182      | 268      | 2                            | 1                 | 7   | 38       | 49       |
| North Carolina       | —            | 2                 | 112   | 200      | 131      | 8              | 9                 | 19  | 311      | 310      | 19                           | 6                 | 61  | 335      | 469      |
| South Carolina†      | 1            | 2                 | 11    | 52       | 106      | —              | 2                 | 11  | 46       | 97       | 1                            | 1                 | 7   | 35       | 23       |
| Virginia†            | —            | 2                 | 17    | 60       | 129      | 13             | 13                | 31  | 451      | 387      | —                            | 2                 | 12  | 61       | 48       |
| West Virginia        | —            | 0                 | 19    | 12       | 23       | —              | 1                 | 8   | 42       | 67       | —                            | 0                 | 2   | 2        | 3        |
| <b>E.S. Central</b>  | —            | 5                 | 24    | 147      | 206      | 1              | 4                 | 11  | 99       | 157      | 3                            | 5                 | 27  | 149      | 194      |
| Alabama†             | —            | 1                 | 18    | 40       | 40       | —              | 0                 | 8   | —        | 49       | 2                            | 1                 | 9   | 40       | 47       |
| Kentucky             | —            | 0                 | 3     | 5        | 44       | 1              | 0                 | 3   | 14       | 14       | —                            | 0                 | 2   | 4        | 1        |
| Mississippi          | —            | 0                 | 10    | 40       | 20       | —              | 0                 | 0   | —        | 4        | —                            | 0                 | 1   | 2        | 2        |
| Tennessee†           | —            | 2                 | 7     | 62       | 102      | —              | 2                 | 7   | 85       | 90       | 1                            | 3                 | 22  | 103      | 144      |
| <b>W.S. Central</b>  | 2            | 20                | 226   | 551      | 481      | 2              | 2                 | 35  | 68       | 568      | 10                           | 1                 | 168 | 75       | 44       |
| Arkansas†            | —            | 2                 | 17    | 103      | 51       | 2              | 0                 | 5   | 23       | 24       | 10                           | 0                 | 53  | 27       | 29       |
| Louisiana            | —            | 0                 | 2     | 11       | 19       | —              | 0                 | 1   | —        | 3        | —                            | 0                 | 1   | 1        | —        |
| Oklahoma             | 1            | 0                 | 36    | 4        | 18       | —              | 0                 | 22  | 45       | 48       | —                            | 0                 | 108 | 34       | 7        |
| Texas†               | 1            | 17                | 174   | 433      | 393      | —              | 0                 | 34  | —        | 493      | —                            | 0                 | 7   | 13       | 8        |
| <b>Mountain</b>      | 7            | 25                | 61    | 669      | 1,815    | 5              | 3                 | 28  | 105      | 104      | —                            | 0                 | 4   | 20       | 25       |
| Arizona              | 2            | 6                 | 13    | 147      | 371      | 4              | 2                 | 10  | 73       | 80       | —                            | 0                 | 2   | 1        | 7        |
| Colorado             | —            | 6                 | 17    | 183      | 574      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 1   | 1        | 4        |
| Idaho†               | 1            | 1                 | 6     | 28       | 54       | —              | 0                 | 24  | —        | —        | —                            | 0                 | 3   | 3        | 2        |
| Montana†             | —            | 1                 | 7     | 31       | 84       | —              | 0                 | 2   | 9        | 9        | —                            | 0                 | 1   | 1        | 2        |
| Nevada†              | 2            | 0                 | 5     | 5        | 56       | —              | 0                 | 2   | 2        | 2        | —                            | 0                 | 0   | —        | —        |
| New Mexico†          | —            | 2                 | 8     | 34       | 62       | —              | 0                 | 2   | 7        | 6        | —                            | 0                 | 1   | 4        | 5        |
| Utah                 | 2            | 8                 | 47    | 226      | 560      | —              | 0                 | 1   | 6        | 5        | —                            | 0                 | 0   | —        | —        |
| Wyoming†             | —            | 1                 | 5     | 15       | 54       | 1              | 0                 | 2   | 8        | 2        | —                            | 0                 | 2   | 10       | 5        |
| <b>Pacific</b>       | 8            | 14                | 547   | 307      | 1,235    | 3              | 4                 | 13  | 129      | 132      | —                            | 0                 | 1   | 2        | 2        |
| Alaska               | 1            | 1                 | 8     | 33       | 50       | —              | 0                 | 6   | 34       | 14       | N                            | 0                 | 0   | N        | N        |
| California           | —            | 7                 | 225   | 99       | 1,028    | 3              | 3                 | 12  | 89       | 108      | —                            | 0                 | 0   | —        | —        |
| Hawaii               | —            | 0                 | 2     | 13       | 77       | N              | 0                 | 0   | N        | N        | N                            | 0                 | 0   | N        | N        |
| Oregon†              | —            | 1                 | 11    | 62       | 80       | —              | 0                 | 3   | 6        | 10       | —                            | 0                 | 1   | 2        | 2        |
| Washington           | 7            | 1                 | 377   | 100      | —        | —              | 0                 | 0   | —        | —        | N                            | 0                 | 0   | N        | N        |
| American Samoa       | U            | 0                 | 0     | U        | U        | U              | 0                 | 0   | U        | U        | U                            | 0                 | 0   | U        | U        |
| C.N.M.I.             | U            | —                 | —     | U        | U        | U              | —                 | —   | U        | U        | U                            | —                 | —   | U        | U        |
| Guam                 | —            | 0                 | 7     | —        | 36       | —              | 0                 | 0   | —        | —        | N                            | 0                 | 0   | N        | N        |
| Puerto Rico          | —            | 0                 | 1     | —        | 1        | —              | 1                 | 5   | 34       | 57       | N                            | 0                 | 0   | N        | N        |
| U.S. Virgin Islands  | U            | 0                 | 0     | U        | U        | U              | 0                 | 0   | U        | U        | U                            | 0                 | 0   | U        | U        |

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 2006 and 2007 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 11, 2007, and August 12, 2006 (32nd Week)\*

| Reporting area              | Salmonellosis |                   |       |          |          | Shiga toxin-producing <i>E. coli</i> (STEC) <sup>†</sup> |                   |     |          |          | Shigellosis  |                   |       |          |          |
|-----------------------------|---------------|-------------------|-------|----------|----------|--|-------------------|-----|----------|----------|--------------|-------------------|-------|----------|----------|
|                             | Current week  | Previous 52 weeks |       | Cum 2007 | Cum 2006 | Current week   | Previous 52 weeks |     | Cum 2007 | Cum 2006 | Current week | Previous 52 weeks |       | Cum 2007 | Cum 2006 |
|                             |               | Med               | Max   |          |          |  | Med               | Max |          |          |              | Med               | Max   |          |          |
| <b>United States</b>        | 679           | 834               | 2,338 | 22,246   | 23,291   | 85   | 77                | 336 | 2,061    | 1,980    | 203          | 338               | 1,287 | 8,564    | 6,903    |
| <b>New England</b>          | 8             | 39                | 253   | 1,282    | 1,467    | 1  | 3                 | 35  | 138      | 189      | —            | 4                 | 22    | 133      | 184      |
| Connecticut                 | —             | 0                 | 238   | 238      | 503      | —  | 0                 | 30  | 30       | 75       | —            | 0                 | 19    | 19       | 67       |
| Maine <sup>§</sup>          | —             | 2                 | 14    | 63       | 70       | —  | 0                 | 8   | 17       | 18       | —            | 0                 | 5     | 13       | 3        |
| Massachusetts               | 5             | 24                | 60    | 775      | 693      | —  | 1                 | 10  | 74       | 65       | —            | 3                 | 11    | 91       | 102      |
| New Hampshire               | —             | 3                 | 15    | 98       | 119      | —  | 0                 | 3   | 8        | 18       | —            | 0                 | 2     | 4        | 4        |
| Rhode Island <sup>§</sup>   | 3             | 2                 | 20    | 58       | 46       | 1  | 0                 | 2   | 3        | 2        | —            | 0                 | 3     | 4        | 5        |
| Vermont <sup>§</sup>        | —             | 2                 | 6     | 50       | 36       | —  | 0                 | 4   | 6        | 11       | —            | 0                 | 2     | 2        | 3        |
| <b>Mid. Atlantic</b>        | 69            | 96                | 187   | 2,831    | 2,982    | 9  | 8                 | 63  | 202      | 263      | 5            | 12                | 47    | 369      | 592      |
| New Jersey                  | —             | 12                | 41    | 219      | 662      | —  | 1                 | 20  | 11       | 81       | —            | 1                 | 5     | 31       | 241      |
| New York (Upstate)          | 41            | 29                | 112   | 810      | 638      | 8  | 3                 | 15  | 91       | 87       | 4            | 3                 | 42    | 76       | 143      |
| New York City               | 1             | 24                | 45    | 724      | 739      | —  | 0                 | 4   | 22       | 31       | —            | 5                 | 12    | 143      | 157      |
| Pennsylvania                | 27            | 33                | 63    | 1,078    | 943      | 1  | 3                 | 47  | 78       | 64       | 1            | 2                 | 21    | 119      | 51       |
| <b>E.N. Central</b>         | 88            | 105               | 180   | 3,169    | 3,276    | 13   | 9                 | 63  | 249      | 301      | 71           | 32                | 83    | 1,107    | 713      |
| Illinois                    | —             | 30                | 92    | 949      | 977      | —  | 1                 | 8   | 27       | 59       | —            | 12                | 53    | 267      | 286      |
| Indiana                     | 36            | 15                | 55    | 431      | 437      | 3  | 1                 | 8   | 35       | 38       | 9            | 2                 | 17    | 49       | 84       |
| Michigan                    | 11            | 18                | 35    | 502      | 601      | 3  | 1                 | 6   | 44       | 50       | 2            | 1                 | 4     | 33       | 109      |
| Ohio                        | 40            | 25                | 67    | 813      | 702      | 7  | 3                 | 18  | 78       | 79       | 59           | 6                 | 68    | 620      | 94       |
| Wisconsin                   | 1             | 16                | 49    | 474      | 559      | —  | 2                 | 41  | 65       | 75       | 1            | 4                 | 14    | 138      | 140      |
| <b>W.N. Central</b>         | 41            | 49                | 103   | 1,496    | 1,490    | 21   | 11                | 45  | 348      | 359      | 19           | 44                | 156   | 1,208    | 919      |
| Iowa                        | —             | 9                 | 26    | 248      | 248      | —  | 2                 | 38  | 68       | 84       | —            | 2                 | 14    | 43       | 58       |
| Kansas                      | 10            | 7                 | 20    | 238      | 210      | 1  | 0                 | 4   | 31       | 18       | —            | 1                 | 10    | 18       | 73       |
| Minnesota                   | 16            | 13                | 44    | 398      | 380      | 16   | 4                 | 26  | 131      | 91       | 4            | 5                 | 24    | 151      | 64       |
| Missouri                    | 12            | 14                | 35    | 372      | 433      | 3  | 2                 | 9   | 57       | 109      | 15           | 18                | 72    | 892      | 461      |
| Nebraska <sup>§</sup>       | 3             | 4                 | 11    | 126      | 116      | 1  | 1                 | 11  | 42       | 34       | —            | 1                 | 14    | 12       | 64       |
| North Dakota                | —             | 0                 | 23    | 19       | 14       | —  | 0                 | 12  | 1        | 2        | —            | 0                 | 127   | 4        | 21       |
| South Dakota                | —             | 3                 | 11    | 95       | 89       | —  | 0                 | 5   | 18       | 21       | —            | 3                 | 30    | 88       | 178      |
| <b>S. Atlantic</b>          | 270           | 213               | 401   | 5,717    | 5,696    | 20   | 15                | 38  | 389      | 296      | 61           | 85                | 173   | 2,887    | 1,620    |
| Delaware                    | 1             | 3                 | 10    | 81       | 78       | —  | 0                 | 3   | 10       | 5        | —            | 0                 | 1     | 7        | 6        |
| District of Columbia        | —             | 0                 | 4     | 16       | 36       | —  | 0                 | 1   | 1        | 1        | —            | 0                 | 5     | 4        | 6        |
| Florida                     | 138           | 85                | 176   | 2,295    | 2,402    | 6  | 2                 | 8   | 93       | 51       | 44           | 46                | 76    | 1,551    | 753      |
| Georgia                     | 27            | 32                | 73    | 965      | 922      | 6  | 2                 | 5   | 48       | 51       | 14           | 34                | 92    | 1,074    | 574      |
| Maryland <sup>§</sup>       | 31            | 15                | 31    | 477      | 396      | 4  | 2                 | 10  | 60       | 48       | —            | 2                 | 9     | 58       | 73       |
| North Carolina              | 63            | 29                | 130   | 770      | 763      | 4  | 2                 | 24  | 79       | 50       | —            | 1                 | 14    | 49       | 98       |
| South Carolina <sup>§</sup> | 10            | 18                | 51    | 491      | 530      | —  | 0                 | 2   | 9        | 8        | 3            | 1                 | 6     | 67       | 70       |
| Virginia <sup>§</sup>       | —             | 20                | 58    | 518      | 512      | —  | 3                 | 11  | 80       | 78       | —            | 2                 | 9     | 70       | 38       |
| West Virginia               | —             | 1                 | 31    | 104      | 57       | —  | 0                 | 5   | 9        | 4        | —            | 0                 | 6     | 7        | 2        |
| <b>E.S. Central</b>         | 48            | 54                | 136   | 1,496    | 1,488    | 7  | 4                 | 25  | 148      | 165      | 14           | 19                | 89    | 850      | 387      |
| Alabama <sup>§</sup>        | 10            | 14                | 78    | 416      | 439      | 1  | 0                 | 18  | 44       | 14       | 8            | 7                 | 67    | 337      | 113      |
| Kentucky                    | 8             | 9                 | 23    | 310      | 252      | 2  | 1                 | 8   | 46       | 48       | —            | 3                 | 32    | 190      | 155      |
| Mississippi                 | —             | 12                | 101   | 293      | 390      | —  | 0                 | 3   | 2        | 3        | —            | 3                 | 76    | 206      | 43       |
| Tennessee <sup>§</sup>      | 30            | 18                | 31    | 477      | 407      | 4  | 2                 | 8   | 56       | 100      | 6            | 3                 | 14    | 117      | 76       |
| <b>W.S. Central</b>         | 77            | 84                | 595   | 1,994    | 2,490    | 1  | 4                 | 73  | 106      | 105      | 11           | 39                | 655   | 898      | 1,010    |
| Arkansas <sup>§</sup>       | 1             | 15                | 45    | 340      | 447      | —  | 1                 | 7   | 19       | 18       | 1            | 2                 | 10    | 63       | 54       |
| Louisiana                   | —             | 18                | 48    | 353      | 558      | —  | 0                 | 2   | 4        | 11       | —            | 8                 | 25    | 262      | 92       |
| Oklahoma                    | 21            | 8                 | 103   | 250      | 244      | —  | 0                 | 17  | 14       | 9        | 4            | 2                 | 63    | 67       | 67       |
| Texas <sup>§</sup>          | 55            | 44                | 470   | 1,051    | 1,241    | 1  | 2                 | 68  | 69       | 67       | 6            | 22                | 580   | 506      | 797      |
| <b>Mountain</b>             | 11            | 46                | 90    | 1,284    | 1,549    | 7  | 9                 | 34  | 265      | 248      | 6            | 18                | 84    | 456      | 604      |
| Arizona                     | 8             | 13                | 44    | 356      | 451      | 2  | 2                 | 9   | 68       | 46       | 4            | 10                | 37    | 242      | 323      |
| Colorado                    | —             | 10                | 21    | 324      | 414      | —  | 1                 | 7   | 43       | 64       | —            | 3                 | 15    | 66       | 98       |
| Idaho <sup>§</sup>          | —             | 3                 | 8     | 78       | 107      | 5  | 2                 | 16  | 75       | 46       | —            | 0                 | 2     | 8        | 10       |
| Montana <sup>§</sup>        | —             | 2                 | 6     | 53       | 86       | —  | 0                 | 0   | —        | —        | —            | 0                 | 13    | 14       | 5        |
| Nevada <sup>§</sup>         | 2             | 4                 | 10    | 122      | 131      | —  | 0                 | 5   | 16       | 17       | 2            | 1                 | 20    | 22       | 60       |
| New Mexico <sup>§</sup>     | —             | 4                 | 15    | 131      | 151      | —  | 1                 | 4   | 21       | 25       | —            | 3                 | 15    | 61       | 74       |
| Utah                        | 1             | 4                 | 14    | 174      | 174      | —  | 1                 | 14  | 42       | 43       | —            | 1                 | 4     | 16       | 31       |
| Wyoming <sup>§</sup>        | —             | 1                 | 4     | 46       | 35       | —  | 0                 | 3   | —        | 7        | —            | 1                 | 19    | 27       | 3        |
| <b>Pacific</b>              | 67            | 109               | 890   | 2,977    | 2,853    | 6  | 5                 | 164 | 216      | 54       | 16           | 27                | 256   | 656      | 874      |
| Alaska                      | 3             | 1                 | 5     | 50       | 45       | N  | 0                 | 0   | N        | N        | —            | 0                 | 2     | 7        | 5        |
| California                  | 40            | 88                | 260   | 2,217    | 2,425    | 2  | 1                 | 15  | 124      | N        | 12           | 22                | 84    | 523      | 759      |
| Hawaii                      | —             | 5                 | 16    | 140      | 133      | —  | 0                 | 3   | 12       | 9        | —            | 0                 | 3     | 16       | 27       |
| Oregon <sup>§</sup>         | —             | 7                 | 17    | 191      | 248      | —  | 1                 | 9   | 32       | 45       | —            | 1                 | 6     | 43       | 83       |
| Washington                  | 24            | 2                 | 625   | 379      | 2        | 4  | 0                 | 162 | 48       | —        | 4            | 1                 | 170   | 67       | —        |
| American Samoa              | U             | 0                 | 0     | U        | U        | U  | 0                 | 0   | U        | U        | U            | 0                 | 0     | U        | U        |
| C.N.M.I.                    | U             | —                 | —     | U        | U        | U  | —                 | —   | U        | U        | U            | —                 | —     | U        | U        |
| Guam                        | —             | 0                 | 0     | —        | —        | N  | 0                 | 0   | N        | N        | —            | 0                 | 0     | —        | —        |
| Puerto Rico                 | 1             | 14                | 66    | 367      | 290      | —  | 0                 | 0   | —        | —        | —            | 0                 | 4     | 17       | 27       |
| U.S. Virgin Islands         | U             | 0                 | 0     | U        | U        | U  | 0                 | 0   | U        | U        | U            | 0                 | 0     | U        | U        |

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 2006 and 2007 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 11, 2007, and August 12, 2006 (32nd Week)\*

| Reporting area              | Streptococcal disease, invasive, group A |                   |     |          |          | <i>Streptococcus pneumoniae</i> , invasive disease, nondrug resistant†<br>Age <5 years |                   |     |          |          |
|-----------------------------|--|-------------------|-----|----------|----------|--|-------------------|-----|----------|----------|
|                             | Current week                             | Previous 52 weeks |     | Cum 2007 | Cum 2006 | Current week   | Previous 52 weeks |     | Cum 2007 | Cum 2006 |
|                             |  | Med               | Max |          |          |  | Med               | Max |          |          |
| <b>United States</b>        | 36                                       | 93                | 261 | 3,411    | 3,740    | 9  | 29                | 108 | 980      | 848      |
| <b>New England</b>          | —  | 6                 | 27  | 284      | 246      | —  | 3                 | 11  | 76       | 72       |
| Connecticut                 | —  | 0                 | 23  | 91       | 66       | —  | 0                 | 6   | —        | 23       |
| Maine <sup>§</sup>          | —  | 0                 | 3   | 20       | 15       | —  | 0                 | 1   | 1        | —        |
| Massachusetts               | —  | 3                 | 12  | 131      | 125      | —  | 2                 | 6   | 58       | 42       |
| New Hampshire               | —  | 0                 | 4   | 27       | 27       | —  | 0                 | 2   | 7        | 6        |
| Rhode Island <sup>§</sup>   | —  | 0                 | 12  | —        | 4        | —  | 0                 | 3   | 8        | 1        |
| Vermont <sup>§</sup>        | —  | 0                 | 2   | 15       | 9        | —  | 0                 | 1   | 2        | —        |
| <b>Mid. Atlantic</b>        | 6  | 16                | 41  | 657      | 700      | 1  | 4                 | 20  | 118      | 124      |
| New Jersey                  | —  | 2                 | 9   | 88       | 119      | —  | 1                 | 4   | 19       | 46       |
| New York (Upstate)          | 5  | 5                 | 27  | 222      | 225      | 1  | 2                 | 15  | 76       | 65       |
| New York City               | —  | 4                 | 12  | 154      | 127      | —  | 1                 | 3   | 23       | 13       |
| Pennsylvania                | 1  | 5                 | 11  | 193      | 229      | N  | 0                 | 0   | N        | N        |
| <b>E.N. Central</b>         | 2  | 16                | 32  | 594      | 742      | 2  | 5                 | 14  | 159      | 222      |
| Illinois                    | —  | 4                 | 13  | 148      | 226      | —  | 1                 | 6   | 38       | 61       |
| Indiana                     | 1  | 2                 | 17  | 95       | 88       | —  | 0                 | 10  | 14       | 32       |
| Michigan                    | 1  | 4                 | 10  | 151      | 156      | —  | 1                 | 4   | 55       | 53       |
| Ohio                        | —  | 3                 | 14  | 174      | 188      | 2  | 1                 | 7   | 44       | 46       |
| Wisconsin                   | —  | 1                 | 6   | 26       | 84       | —  | 0                 | 2   | 8        | 30       |
| <b>W.N. Central</b>         | 3  | 5                 | 32  | 232      | 241      | —  | 2                 | 8   | 72       | 68       |
| Iowa                        | —  | 0                 | 0   | —        | —        | —  | 0                 | 0   | —        | —        |
| Kansas                      | —  | 0                 | 3   | 28       | 45       | —  | 0                 | 1   | 1        | 11       |
| Minnesota                   | —  | 0                 | 29  | 116      | 111      | —  | 1                 | 6   | 51       | 38       |
| Missouri                    | 2  | 2                 | 6   | 53       | 47       | —  | 0                 | 2   | 13       | 11       |
| Nebraska <sup>§</sup>       | 1  | 0                 | 3   | 18       | 22       | —  | 0                 | 2   | 6        | 5        |
| North Dakota                | —  | 0                 | 2   | 10       | 8        | —  | 0                 | 2   | 1        | 3        |
| South Dakota                | —  | 0                 | 2   | 7        | 8        | —  | 0                 | 0   | —        | —        |
| <b>S. Atlantic</b>          | 15                                       | 21                | 52  | 847      | 823      | 2  | 3                 | 14  | 190      | 55       |
| Delaware                    | —  | 0                 | 2   | 7        | 7        | —  | 0                 | 0   | —        | —        |
| District of Columbia        | —  | 0                 | 3   | 8        | 9        | —  | 0                 | 1   | —        | —        |
| Florida                     | 4  | 6                 | 16  | 201      | 187      | 1  | 0                 | 5   | 42       | —        |
| Georgia                     | 4  | 5                 | 12  | 160      | 173      | —  | 0                 | 5   | 44       | —        |
| Maryland <sup>§</sup>       | 3  | 4                 | 10  | 154      | 157      | —  | 1                 | 6   | 46       | 46       |
| North Carolina              | 1  | 0                 | 22  | 120      | 125      | —  | 0                 | 0   | —        | —        |
| South Carolina <sup>§</sup> | 2  | 1                 | 7   | 74       | 53       | —  | 0                 | 3   | 25       | —        |
| Virginia <sup>§</sup>       | 1  | 2                 | 11  | 103      | 92       | —  | 0                 | 3   | 27       | —        |
| West Virginia               | —  | 0                 | 3   | 20       | 20       | 1  | 0                 | 4   | 6        | 9        |
| <b>E.S. Central</b>         | 4  | 4                 | 13  | 153      | 154      | —  | 1                 | 6   | 60       | 15       |
| Alabama <sup>§</sup>        | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Kentucky                    | —  | 1                 | 3   | 31       | 36       | —  | 0                 | 0   | —        | —        |
| Mississippi                 | N  | 0                 | 0   | N        | N        | —  | 0                 | 2   | 3        | 15       |
| Tennessee <sup>§</sup>      | 4  | 3                 | 13  | 122      | 118      | —  | 0                 | 6   | 57       | —        |
| <b>W.S. Central</b>         | 4  | 6                 | 90  | 218      | 274      | 2  | 4                 | 43  | 148      | 141      |
| Arkansas <sup>§</sup>       | 1  | 0                 | 2   | 17       | 21       | —  | 0                 | 2   | 7        | 17       |
| Louisiana                   | —  | 0                 | 4   | 16       | 13       | —  | 0                 | 4   | 23       | 16       |
| Oklahoma                    | —  | 2                 | 23  | 53       | 73       | —  | 1                 | 13  | 36       | 28       |
| Texas <sup>§</sup>          | 3  | 3                 | 64  | 132      | 167      | 2  | 1                 | 27  | 82       | 80       |
| <b>Mountain</b>             | 1  | 10                | 20  | 338      | 493      | —  | 4                 | 12  | 132      | 136      |
| Arizona                     | —  | 4                 | 11  | 102      | 255      | —  | 2                 | 7   | 76       | 77       |
| Colorado                    | —  | 3                 | 9   | 115      | 86       | —  | 1                 | 4   | 32       | 34       |
| Idaho <sup>§</sup>          | —  | 0                 | 2   | 9        | 7        | —  | 0                 | 1   | 2        | 1        |
| Montana <sup>§</sup>        | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Nevada <sup>§</sup>         | —  | 0                 | 1   | 2        | —        | —  | 0                 | 1   | 1        | 2        |
| New Mexico <sup>§</sup>     | —  | 1                 | 5   | 36       | 94       | —  | 0                 | 4   | 17       | 22       |
| Utah                        | 1  | 2                 | 7   | 69       | 48       | —  | 0                 | 2   | 4        | —        |
| Wyoming <sup>§</sup>        | —  | 0                 | 1   | 5        | 3        | —  | 0                 | 0   | —        | —        |
| <b>Pacific</b>              | 1  | 3                 | 9   | 88       | 67       | 2  | 1                 | 4   | 25       | 15       |
| Alaska                      | 1  | 0                 | 3   | 23       | N        | 2  | 0                 | 2   | 23       | —        |
| California                  | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Hawaii                      | —  | 2                 | 9   | 65       | 67       | —  | 0                 | 2   | 2        | 15       |
| Oregon <sup>§</sup>         | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Washington                  | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| American Samoa              | U  | 0                 | 0   | U        | U        | U  | 0                 | 0   | U        | U        |
| C.N.M.I.                    | U  | —                 | —   | U        | U        | U  | —                 | —   | U        | U        |
| Guam                        | —  | 0                 | 0   | —        | —        | N  | 0                 | 0   | N        | N        |
| Puerto Rico                 | —  | 0                 | 0   | —        | —        | N  | 0                 | 0   | N        | N        |
| U.S. Virgin Islands         | U  | 0                 | 0   | U        | U        | U  | 0                 | 0   | U        | U        |

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 2006 and 2007 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 (NNDS 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 11, 2007, and August 12, 2006 (32nd Week)\*

| Reporting area       | Streptococcus pneumoniae, invasive disease, drug resistant† |                   |     |          |              |              |                   |     |          |          | Syphilis, primary and secondary |                   |     |          |          |
|----------------------|---|-------------------|-----|----------|--------------|--------------|-------------------|-----|----------|----------|---------------------------------|-------------------|-----|----------|----------|
|                      | All ages  |                   |     |          | Age <5 years |              |                   |     |          |          |                                 |                   |     |          |          |
|                      | Current week  | Previous 52 weeks |     | Cum 2007 | Cum 2006     | Current week | Previous 52 weeks |     | Cum 2007 | Cum 2006 | Current week                    | Previous 52 weeks |     | Cum 2007 | Cum 2006 |
|                      |   | Med               | Max |          |              |              | Med               | Max |          |          |                                 | Med               | Max |          |          |
| <b>United States</b> | 18  | 47                | 256 | 1,536    | 1,652        | 2            | 8                 | 35  | 272      | 254      | 114                             | 200               | 310 | 6,025    | 5,674    |
| <b>New England</b>   | —   | 1                 | 12  | 34       | 93           | —            | 0                 | 3   | 6        | 2        | 1                               | 4                 | 13  | 143      | 135      |
| Connecticut          | —   | 0                 | 5   | —        | 70           | —            | 0                 | 0   | —        | —        | 1                               | 0                 | 10  | 21       | 28       |
| Maine§               | —   | 0                 | 2   | 9        | 6            | —            | 0                 | 2   | 1        | 1        | —                               | 0                 | 1   | 3        | 7        |
| Massachusetts        | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 2                 | 8   | 86       | 82       |
| New Hampshire        | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 3   | 19       | 9        |
| Rhode Island§        | —   | 0                 | 4   | 14       | 8            | —            | 0                 | 1   | 3        | —        | —                               | 0                 | 5   | 13       | 7        |
| Vermont§             | —   | 0                 | 2   | 11       | 9            | —            | 0                 | 1   | 2        | 1        | —                               | 0                 | 1   | 1        | 2        |
| <b>Mid. Atlantic</b> | 1   | 2                 | 9   | 89       | 104          | —            | 0                 | 5   | 22       | 14       | 16                              | 27                | 45  | 967      | 698      |
| New Jersey           | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | 6                               | 3                 | 8   | 109      | 102      |
| New York (Upstate)   | 1   | 1                 | 5   | 30       | 33           | —            | 0                 | 4   | 8        | 7        | 1                               | 3                 | 14  | 82       | 90       |
| New York City        | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | 7                               | 16                | 35  | 611      | 336      |
| Pennsylvania         | —   | 2                 | 6   | 59       | 71           | —            | 0                 | 2   | 14       | 7        | 2                               | 5                 | 10  | 165      | 170      |
| <b>E.N. Central</b>  | 3   | 9                 | 40  | 381      | 362          | 1            | 1                 | 7   | 49       | 56       | 22                              | 15                | 27  | 481      | 551      |
| Illinois             | —   | 0                 | 4   | 13       | 19           | —            | 0                 | 1   | 2        | 5        | 10                              | 7                 | 13  | 223      | 278      |
| Indiana              | 1   | 2                 | 31  | 98       | 95           | 1            | 0                 | 5   | 13       | 15       | 1                               | 1                 | 6   | 34       | 49       |
| Michigan             | —   | 0                 | 1   | 2        | 15           | —            | 0                 | 1   | 1        | 2        | 3                               | 2                 | 8   | 74       | 69       |
| Ohio                 | 2   | 6                 | 38  | 268      | 233          | —            | 1                 | 5   | 33       | 34       | 5                               | 3                 | 9   | 111      | 118      |
| Wisconsin            | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | 3                               | 1                 | 4   | 39       | 37       |
| <b>W.N. Central</b>  | —   | 2                 | 124 | 107      | 30           | —            | 0                 | 15  | 7        | 1        | 7                               | 6                 | 14  | 205      | 179      |
| Iowa                 | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 3   | 8        | 13       |
| Kansas               | —   | 0                 | 10  | 59       | —            | —            | 0                 | 2   | 3        | —        | 2                               | 0                 | 3   | 12       | 13       |
| Minnesota            | —   | 0                 | 123 | —        | —            | —            | 0                 | 15  | —        | —        | —                               | 1                 | 5   | 50       | 34       |
| Missouri             | —   | 1                 | 5   | 40       | 29           | —            | 0                 | 1   | —        | 1        | 5                               | 3                 | 12  | 129      | 111      |
| Nebraska§            | —   | 0                 | 1   | 2        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 2   | 2        | 2        |
| North Dakota         | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 0   | —        | 1        |
| South Dakota         | —   | 0                 | 3   | 6        | 1            | —            | 0                 | 1   | 4        | —        | —                               | 0                 | 3   | 4        | 5        |
| <b>S. Atlantic</b>   | 13  | 21                | 59  | 692      | 792          | 1            | 4                 | 15  | 138      | 121      | 37                              | 46                | 180 | 1,384    | 1,249    |
| Delaware             | —   | 0                 | 1   | 5        | —            | —            | 0                 | 1   | 2        | —        | —                               | 0                 | 3   | 7        | 15       |
| District of Columbia | —   | 0                 | 2   | 5        | 19           | —            | 0                 | 0   | —        | 2        | 1                               | 2                 | 12  | 105      | 69       |
| Florida              | 13  | 11                | 29  | 403      | 415          | 1            | 2                 | 8   | 79       | 79       | 23                              | 15                | 25  | 491      | 457      |
| Georgia              | —   | 7                 | 17  | 231      | 269          | —            | 1                 | 10  | 49       | 40       | —                               | 7                 | 153 | 200      | 196      |
| Maryland§            | —   | 0                 | 1   | 1        | —            | —            | 0                 | 0   | —        | —        | 2                               | 6                 | 15  | 185      | 186      |
| North Carolina       | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | 5                               | 5                 | 23  | 206      | 189      |
| South Carolina§      | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | 1                               | 1                 | 10  | 60       | 43       |
| Virginia§            | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | 5                               | 4                 | 17  | 125      | 91       |
| West Virginia        | —   | 1                 | 17  | 47       | 89           | —            | 0                 | 1   | 8        | —        | —                               | 0                 | 2   | 5        | 3        |
| <b>E.S. Central</b>  | 1   | 3                 | 9   | 104      | 138          | —            | 0                 | 3   | 21       | 24       | 11                              | 16                | 29  | 495      | 399      |
| Alabama§             | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | —                               | 7                 | 15  | 188      | 173      |
| Kentucky             | —   | 0                 | 2   | 17       | 26           | —            | 0                 | 1   | 2        | 6        | 1                               | 1                 | 7   | 40       | 39       |
| Mississippi          | —   | 0                 | 2   | —        | 17           | —            | 0                 | 0   | —        | —        | —                               | 1                 | 9   | 58       | 38       |
| Tennessee§           | 1   | 2                 | 8   | 87       | 95           | —            | 0                 | 3   | 19       | 18       | 10                              | 6                 | 14  | 209      | 149      |
| <b>W.S. Central</b>  | —   | 1                 | 10  | 90       | 63           | —            | 0                 | 3   | 15       | 6        | 15                              | 32                | 55  | 1,037    | 893      |
| Arkansas§            | —   | 0                 | 1   | 1        | 9            | —            | 0                 | 0   | —        | 2        | 2                               | 1                 | 8   | 70       | 40       |
| Louisiana            | —   | 1                 | 3   | 45       | 54           | —            | 0                 | 2   | 6        | 4        | 4                               | 7                 | 29  | 246      | 150      |
| Oklahoma             | —   | 0                 | 8   | 44       | —            | —            | 0                 | 2   | 9        | —        | —                               | 1                 | 5   | 42       | 41       |
| Texas§               | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | 9                               | 21                | 38  | 679      | 662      |
| <b>Mountain</b>      | —   | 1                 | 5   | 39       | 70           | —            | 0                 | 3   | 14       | 30       | 1                               | 7                 | 27  | 191      | 307      |
| Arizona              | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 2                 | 16  | 73       | 123      |
| Colorado             | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 1                 | 5   | 19       | 49       |
| Idaho§               | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 1   | 1        | 2        |
| Montana§             | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 1   | 1        | 1        |
| Nevada§              | —   | 0                 | 3   | 16       | 15           | —            | 0                 | 2   | 5        | 1        | 1                               | 2                 | 12  | 61       | 79       |
| New Mexico§          | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 1                 | 7   | 31       | 43       |
| Utah                 | —   | 0                 | 5   | 13       | 28           | —            | 0                 | 3   | 8        | 21       | —                               | 0                 | 2   | 4        | 10       |
| Wyoming§             | —   | 0                 | 2   | 10       | 27           | —            | 0                 | 1   | 1        | 8        | —                               | 0                 | 1   | 1        | —        |
| <b>Pacific</b>       | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | 4                               | 38                | 57  | 1,122    | 1,263    |
| Alaska               | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 1   | 4        | 6        |
| California           | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | 2                               | 36                | 54  | 1,027    | 1,111    |
| Hawaii               | —   | 0                 | 0   | —        | —            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 1   | 5        | 14       |
| Oregon§              | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | 2                               | 0                 | 6   | 11       | 11       |
| Washington           | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | —                               | 2                 | 11  | 75       | 121      |
| American Samoa       | U   | 0                 | 0   | U        | U            | U            | 0                 | 1   | U        | U        | U                               | 0                 | 0   | U        | U        |
| C.N.M.I.             | U   | —                 | —   | U        | U            | U            | —                 | —   | U        | U        | U                               | —                 | —   | U        | U        |
| Guam                 | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | —                               | 0                 | 1   | 3        | —        |
| Puerto Rico          | N   | 0                 | 0   | N        | N            | —            | 0                 | 0   | —        | —        | —                               | 2                 | 11  | 85       | 86       |
| U.S. Virgin Islands  | U   | 0                 | 0   | U        | U            | U            | 0                 | 0   | U        | U        | U                               | 0                 | 0   | U        | U        |

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 2006 and 2007 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 11, 2007, and August 12, 2006 (32nd Week)\*

| Reporting area       | Varicella (chickenpox) |                   |       |          |          | West Nile virus disease† |                   |          |          |              |                   |          |          |     |       |
|----------------------|------------------------|-------------------|-------|----------|----------|--------------------------|-------------------|----------|----------|--------------|-------------------|----------|----------|-----|-------|
|                      | Current week           | Previous 52 weeks |       | Cum 2007 | Cum 2006 | Neuroinvasive            |                   |          |          |              | Nonneuroinvasive§ |          |          |     |       |
|                      |                        | Med               | Max   |          |          | Current week             | Previous 52 weeks | Cum 2007 | Cum 2006 | Current week | Previous 52 weeks | Cum 2007 | Cum 2006 |     |       |
| <b>United States</b> | 77                     | 795               | 2,813 | 24,611   | 31,283   | 1                        | 1                 | 178      | 136      | 672          | —                 | 2        | 383      | 308 | 1,266 |
| <b>New England</b>   | —                      | 20                | 124   | 473      | 3,139    | —                        | 0                 | 3        | 2        | 1            | —                 | 0        | 2        | —   | 1     |
| Connecticut          | —                      | 0                 | 76    | 1        | 1,100    | —                        | 0                 | 3        | 2        | 1            | —                 | 0        | 1        | —   | 1     |
| Maine¶               | —                      | 0                 | 7     | —        | 170      | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| Massachusetts        | —                      | 0                 | 9     | —        | 1,138    | —                        | 0                 | 1        | —        | —            | —                 | 0        | 1        | —   | —     |
| New Hampshire        | —                      | 7                 | 17    | 207      | 240      | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| Rhode Island¶        | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| Vermont¶             | —                      | 9                 | 66    | 265      | 491      | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| <b>Mid. Atlantic</b> | 12                     | 110               | 195   | 3,041    | 3,317    | —                        | 0                 | 11       | 1        | 7            | —                 | 0        | 2        | —   | 5     |
| New Jersey           | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 2        | —        | —            | —                 | 0        | 1        | —   | 1     |
| New York (Upstate)   | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 5        | —        | 1            | —                 | 0        | 1        | —   | 1     |
| New York City        | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 4        | —        | 2            | —                 | 0        | 1        | —   | 2     |
| Pennsylvania         | 12                     | 110               | 195   | 3,041    | 3,317    | —                        | 0                 | 2        | 1        | 4            | —                 | 0        | 0        | —   | 1     |
| <b>E.N. Central</b>  | 19                     | 229               | 568   | 7,049    | 10,314   | —                        | 0                 | 42       | 7        | 49           | —                 | 0        | 33       | 2   | 36    |
| Illinois             | —                      | 2                 | 11    | 93       | 89       | —                        | 0                 | 24       | 6        | 33           | —                 | 0        | 22       | 2   | 23    |
| Indiana              | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 5        | —        | 6            | —                 | 0        | 12       | —   | 5     |
| Michigan             | 11                     | 97                | 258   | 2,861    | 3,060    | —                        | 0                 | 10       | —        | 3            | —                 | 0        | 4        | —   | 2     |
| Ohio                 | 8                      | 107               | 449   | 3,310    | 6,418    | —                        | 0                 | 11       | 1        | 3            | —                 | 0        | 3        | —   | 2     |
| Wisconsin            | —                      | 19                | 80    | 785      | 747      | —                        | 0                 | 2        | —        | 4            | —                 | 0        | 2        | —   | 4     |
| <b>W.N. Central</b>  | 4                      | 32                | 136   | 1,209    | 1,245    | —                        | 0                 | 37       | 39       | 110          | —                 | 0        | 78       | 117 | 245   |
| Iowa                 | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 3        | 1        | 8            | —                 | 0        | 4        | 1   | 7     |
| Kansas               | 3                      | 9                 | 52    | 430      | 236      | —                        | 0                 | 3        | 2        | 12           | —                 | 0        | 2        | 3   | 7     |
| Minnesota            | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 7        | 8        | 17           | —                 | 0        | 5        | 7   | 21    |
| Missouri             | 1                      | 16                | 78    | 635      | 944      | —                        | 0                 | 14       | 1        | 21           | —                 | 0        | 2        | 3   | 2     |
| Nebraska¶            | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 9        | —        | 22           | —                 | 0        | 38       | 16  | 83    |
| North Dakota         | —                      | 0                 | 60    | 84       | 31       | —                        | 0                 | 5        | 8        | 9            | —                 | 0        | 24       | 44  | 74    |
| South Dakota         | —                      | 2                 | 15    | 60       | 34       | —                        | 0                 | 8        | 19       | 21           | —                 | 0        | 22       | 43  | 51    |
| <b>S. Atlantic</b>   | 13                     | 96                | 239   | 3,233    | 3,054    | —                        | 0                 | 2        | 2        | 8            | —                 | 0        | 7        | 2   | 1     |
| Delaware             | —                      | 1                 | 6     | 23       | 45       | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| District of Columbia | —                      | 0                 | 8     | 14       | 24       | —                        | 0                 | 0        | —        | —            | —                 | 0        | 1        | —   | 1     |
| Florida              | 6                      | 16                | 81    | 807      | N        | —                        | 0                 | 0        | —        | 3            | —                 | 0        | 0        | —   | —     |
| Georgia              | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 1        | 1        | 2            | —                 | 0        | 4        | 2   | —     |
| Maryland¶            | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 2        | —        | 2            | —                 | 0        | 1        | —   | —     |
| North Carolina       | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 1        | —        | —            | —                 | 0        | 0        | —   | —     |
| South Carolina¶      | 1                      | 18                | 72    | 694      | 804      | —                        | 0                 | 1        | —        | —            | —                 | 0        | 0        | —   | —     |
| Virginia¶            | —                      | 26                | 190   | 959      | 1,153    | —                        | 0                 | 1        | 1        | —            | —                 | 0        | 2        | —   | —     |
| West Virginia        | 6                      | 23                | 50    | 736      | 1,028    | —                        | 0                 | 0        | —        | 1            | —                 | 0        | 0        | —   | —     |
| <b>E.S. Central</b>  | 2                      | 3                 | 571   | 333      | 27       | —                        | 0                 | 15       | 11       | 52           | —                 | 0        | 17       | 10  | 38    |
| Alabama¶             | 2                      | 3                 | 571   | 331      | 26       | —                        | 0                 | 2        | 5        | 5            | —                 | 0        | 1        | 2   | —     |
| Kentucky             | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 2        | —        | —            | —                 | 0        | 1        | —   | —     |
| Mississippi          | —                      | 0                 | 2     | 2        | 1        | —                        | 0                 | 10       | 6        | 44           | —                 | 0        | 16       | 8   | 38    |
| Tennessee¶           | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 5        | —        | 3            | —                 | 0        | 2        | —   | —     |
| <b>W.S. Central</b>  | 26                     | 181               | 1,640 | 7,415    | 8,324    | —                        | 0                 | 36       | 9        | 223          | —                 | 0        | 26       | 3   | 102   |
| Arkansas¶            | —                      | 13                | 105   | 480      | 593      | —                        | 0                 | 5        | 3        | 13           | —                 | 0        | 2        | —   | 4     |
| Louisiana            | —                      | 1                 | 11    | 90       | 181      | —                        | 0                 | 12       | —        | 41           | —                 | 0        | 10       | —   | 34    |
| Oklahoma             | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 3        | 2        | 15           | —                 | 0        | 4        | —   | 5     |
| Texas¶               | 26                     | 163               | 1,534 | 6,845    | 7,550    | —                        | 0                 | 20       | 4        | 154          | —                 | 0        | 16       | 3   | 59    |
| <b>Mountain</b>      | 1                      | 56                | 131   | 1,833    | 1,863    | 1                        | 0                 | 63       | 33       | 180          | —                 | 1        | 220      | 120 | 696   |
| Arizona              | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 10       | 10       | 6            | —                 | 0        | 14       | 6   | 5     |
| Colorado             | —                      | 22                | 62    | 699      | 981      | —                        | 0                 | 11       | 10       | 22           | —                 | 0        | 51       | 62  | 109   |
| Idaho¶               | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 32       | 1        | 91           | —                 | 0        | 144      | 12  | 469   |
| Montana¶             | —                      | 5                 | 40    | 285      | N        | —                        | 0                 | 2        | 1        | 5            | —                 | 0        | 8        | 5   | 8     |
| Nevada¶              | —                      | 0                 | 1     | 1        | 9        | —                        | 0                 | 5        | —        | 25           | —                 | 0        | 17       | 2   | 50    |
| New Mexico¶          | —                      | 6                 | 37    | 287      | 301      | —                        | 0                 | 3        | 5        | 1            | —                 | 0        | 2        | 3   | 1     |
| Utah                 | 1                      | 15                | 73    | 543      | 539      | —                        | 0                 | 8        | 1        | 26           | —                 | 0        | 17       | 1   | 40    |
| Wyoming¶             | —                      | 0                 | 11    | 18       | 33       | 1                        | 0                 | 7        | 5        | 4            | —                 | 0        | 11       | 29  | 14    |
| <b>Pacific</b>       | —                      | 0                 | 9     | 25       | —        | —                        | 0                 | 12       | 32       | 42           | —                 | 0        | 32       | 54  | 142   |
| Alaska               | —                      | 0                 | 9     | 25       | N        | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| California           | —                      | 0                 | 0     | —        | N        | —                        | 0                 | 12       | 32       | 41           | —                 | 0        | 22       | 54  | 107   |
| Hawaii               | —                      | 0                 | 0     | —        | —        | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| Oregon¶              | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 2        | —        | 1            | —                 | 0        | 10       | —   | 33    |
| Washington           | N                      | 0                 | 0     | N        | N        | —                        | 0                 | 0        | —        | —            | —                 | 0        | 1        | —   | 2     |
| American Samoa       | U                      | 0                 | 0     | U        | U        | U                        | 0                 | 0        | U        | U            | U                 | 0        | 0        | U   | U     |
| C.N.M.I.             | U                      | —                 | —     | U        | U        | U                        | —                 | —        | U        | U            | U                 | —        | —        | U   | U     |
| Guam                 | 3                      | 6                 | 30    | 130      | 157      | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| Puerto Rico          | 2                      | 13                | 31    | 458      | 371      | —                        | 0                 | 0        | —        | —            | —                 | 0        | 0        | —   | —     |
| U.S. Virgin Islands  | U                      | 0                 | 0     | U        | U        | U                        | 0                 | 0        | U        | U            | U                 | 0        | 0        | U   | U     |

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 2006 and 2007 are provisional.

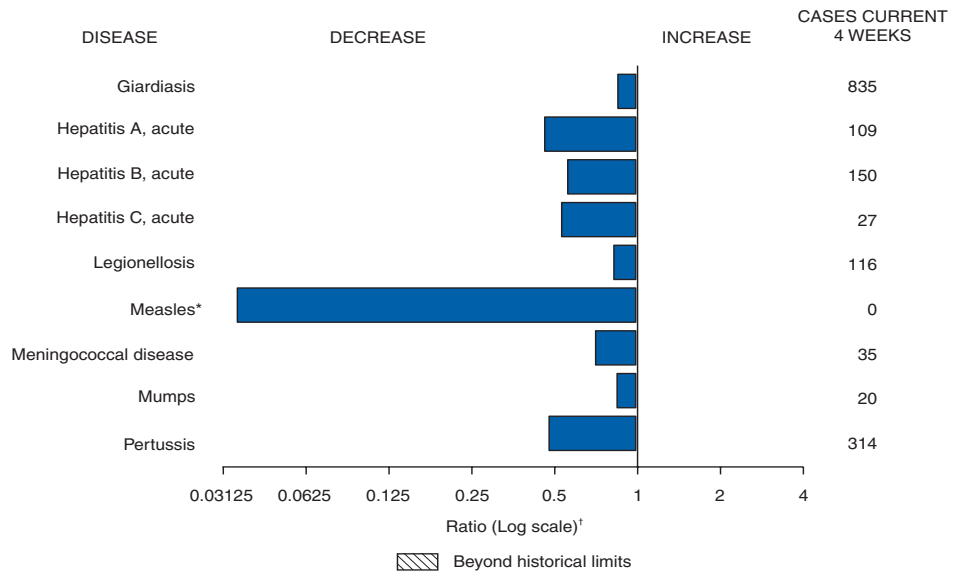
¶ Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for California serogroup, eastern equine, Powassan, St. Louis, and western equine diseases are available in Table I.

§ 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).



**FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals August 11, 2007, with historical data**



\* No measles cases were reported for the current 4-week period yielding a ratio for week 32 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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