



# MMWR™

## Morbidity and Mortality Weekly Report

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### Dengue Hemorrhagic Fever — U.S.-Mexico Border, 2005

Dengue fever is a mosquito-transmitted disease caused by any of four closely related virus serotypes (DEN-1, DEN-2, DEN-3, and DEN-4) of the genus *Flavivirus*. Infection with one of these serotypes provides lifelong immunity to the infecting serotype only. Therefore, persons can acquire a second dengue infection from a different serotype, and second infections place them at greater risk for dengue hemorrhagic fever (DHF), the more severe form of the disease (1). DHF is characterized by bleeding manifestations, thrombocytopenia,\* and increased vascular permeability that can lead to life-threatening shock (2). In south Texas, near the border with Mexico, sporadic, locally acquired outbreaks of dengue fever have been reported previously; however, on the Texas side of the border, these outbreaks have not included recognized cases of locally acquired DHF in persons native to the area. In July 2005, a case of DHF was reported in a resident of Brownsville, Texas (Figure 1). In August 2005, health authorities in the neigh-

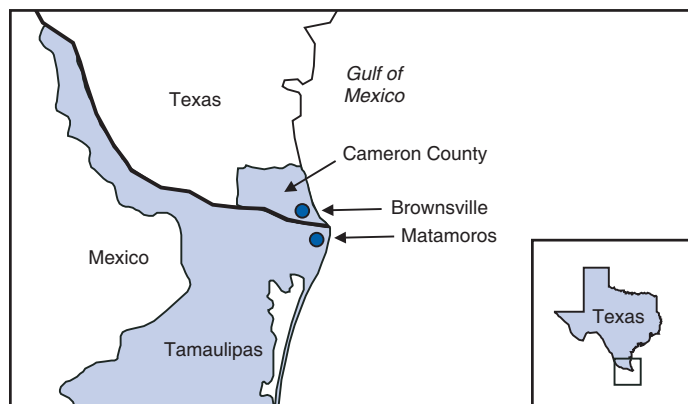
boring state of Tamaulipas, Mexico, reported an ongoing dengue outbreak with 1,251 cases of dengue fever, including 223 cases (17.8%) of DHF. To characterize this dengue outbreak, the Texas Department of State Health Services (TDSHS), Mexican health authorities, and CDC conducted a clinical and epidemiologic investigation. This report summarizes the results of that investigation, which determined that the percentage of DHF cases associated with dengue fever outbreaks at the Texas-Tamaulipas border has increased. Health-care providers along the U.S. border with Mexico should be vigilant for DHF and familiar with its diagnosis and management to reduce the number of severe illnesses and deaths associated with outbreaks of dengue fever.

#### Autochthonous DHF Case Report

On June 24, 2005, a woman from Brownsville, Texas, had acute onset of fever, chills, headache, nausea, vomiting, abdominal pain, arthralgia, and myalgia. As a youth, the patient had resided across the border in the city of Matamoros in Tamaulipas, Mexico; however, she had been a Brownsville resident for 16 years with the exception of 1 year in Houston, Texas. After she became ill, the woman crossed the border into Matamoros for the first time in approximately 2 months, where she visited a clinician and was given antibiotics. On June 28, the woman was hospitalized in Matamoros with a diagnosis of probable dengue fever and urinary tract infection. During her 3-day hospitalization in Mexico, she had thrombocytopenia (62,000 platelets/mm<sup>3</sup>)

\* $\leq 100,000$  platelets/mm<sup>3</sup>.

FIGURE 1. Jurisdictions affected by dengue fever outbreak — Texas–Mexico border, 2005



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but no hemorrhagic manifestations; she was treated with fluids and antibiotics and discharged.

On July 1, the woman reentered the United States and sought treatment for continued fever, chills, vomiting, and abdominal pain. She was admitted to a hospital in Brownsville, Texas, where her blood pressure was 94/70 mm Hg, and laboratory testing indicated proteinuria, hematuria, and a further decrease in platelet count (43,000/mm<sup>3</sup>). She was given antibiotics for suspected partially treated urinary tract infection and fluids for dehydration. During her hospital stay, the patient's platelet count dropped to 39,000/mm<sup>3</sup> and albumin to 2.9 g/100 mL; a fecal occult blood test was positive, and pleural effusion was noted on ultrasound. Upon discharge on July 4, her platelet count had increased to 118,000/mm<sup>3</sup>. The woman was discharged with a diagnosis of possible murine typhus or viral infection and instructions to take a course of doxycycline.

Although the woman's clinical characteristics (i.e., acute fever, platelet count  $\leq$ 100,000/mm<sup>3</sup>, evidence of bleeding [hematuria and fecal occult blood] and plasma leakage) were consistent with World Health Organization (WHO) criteria for DHF (Box) (2), dengue was not diagnosed at the Brownsville hospital. Subsequently, results from a July 3

#### BOX. World Health Organization case definition for dengue hemorrhagic fever

The following must all be present:

- Fever, or history of acute fever, lasting 2–7 days, occasionally biphasic.
- Hemorrhagic tendencies, evidenced by at least one of the following:
  - a positive tourniquet test;
  - petechiae, ecchymoses, or purpura;
  - bleeding from the mucosa, gastrointestinal tract, injection sites, or other locations;
  - hematemesis or melena.
- Thrombocytopenia ( $\leq$ 100,000 platelets/mm<sup>3</sup>).
- Evidence of plasma leakage because of increased vascular permeability, manifested by at least one of the following:
  - an increase in the hematocrit  $\geq$ 20% above average for age, sex, and population;
  - a decrease in the hematocrit following volume-replacement treatment  $\geq$ 20% of baseline;
  - signs of plasma leakage such as pleural effusion, ascites, and hypoproteinemia.

**SOURCE:** World Health Organization. Dengue haemorrhagic fever: diagnosis, treatment, prevention and control. 2nd ed. Geneva, Switzerland: World Health Organization, 1997. Available at <http://www.who.int/csr/resources/publications/dengue/Denguepublication/en>.

serum sample from the woman obtained by the regional Texas Border Infectious Disease Surveillance (BIDS) project tested positive for dengue immunoglobulin M (IgM) by enzyme-linked immunosorbent assay (ELISA) and had an elevated titer of immunoglobulin G (IgG) antibodies to dengue fever (1:655,350); this was interpreted as indicative of a secondary dengue infection (1).

## Outbreak Investigation and Response

**Dengue fever case finding.** On August 27, 2005, Tamaulipas State Health Services reported to TDSHS that an outbreak of dengue fever in the border state had grown to 1,251 cases that met the Mexico case definition (i.e., fever and at least two of the following symptoms: headache, myalgia, arthralgia, and rash). Using WHO criteria for DHF, Tamaulipas health authorities had classified 223 (17.8%) of the cases as DHF, an increase in the percentage classified as DHF from 2000–2004, when 541 dengue fever cases were reported, including 20 cases (3.7%) classified as DHF.<sup>†</sup>

In October, investigators in Texas and Tamaulipas began conducting expanded outbreak case finding, including active surveillance in local hospitals, with laboratory testing encouraged for patients with undifferentiated fever as part of the BIDS project. In Cameron County, Texas, where Brownsville is the county seat, TDSHS identified 24 additional cases of laboratory-confirmed dengue fever<sup>§</sup>, including two additional cases of locally transmitted dengue fever and 22 cases associated with travel to Mexico; the cases had been reported during August–November (Figure 2). The serotype most commonly associated with the outbreak was identified as DEN-2 (i.e., 27 of 28 viral isolates in Tamaulipas). Molecular analysis of isolates at CDC indicated that the circulating strain of DEN-2 was one previously associated with DHF in the Americas region (4,5). Plotting reports of cases by week determined that the border outbreak peaked in October and substantially subsided by December (Figure 2).

**DHF case finding.** In December, investigators reviewed medical records of 129 patients who had been hospitalized and reported to public health authorities with both clinical and laboratory evidence of dengue fever, including 25 persons treated at three Cameron County hospitals and 104

treated at three hospitals in Matamoros. Fifty-nine percent of the patients were female. Ages ranged from 30 to 76 years (median 47.5 years) among the Cameron County cases and from 7 to 70 years (median 36.0 years) among the Matamoros cases. In addition to fever, 82% had myalgia, 78% headache, 41% abdominal pain, 23% rash, and 19% had underlying chronic diseases. No fatalities were recorded. A total of 16 (64.0%) of the 25 dengue cases from Cameron County and 34 (32.7%) of the 104 cases from Matamoros met WHO criteria for DHF (Box). Eleven of the 50 DHF cases, including one from Cameron County, were classified as WHO grade III, or dengue shock syndrome, with early or mild evidence of hypotension or shock. The remaining 39 DHF cases were classified as WHO grade II.<sup>‡</sup>

**Serosurveys.** Because many dengue infections are asymptomatic, and most ill persons likely do not seek medical attention, investigators conducted serosurveys to assess the incidence of dengue infection in the populations of Matamoros and Brownsville. Serosurveys also enable estimation of the population susceptible to second dengue infections and DHF. For the serosurveys, a two-stage cluster design was used to obtain a representative sample of households from Brownsville and Matamoros (6). Thirty census tracts were selected systematically from each city after stratifying by income. Four households were selected from each census tract after mapping and selecting a random start point and random direction for sampling.

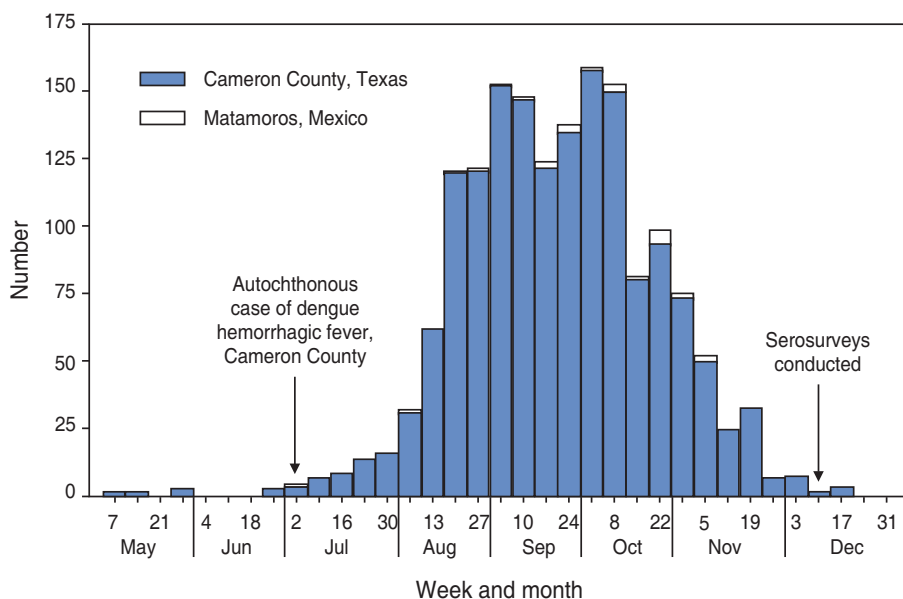
At each participating household, all residents present and aged  $\geq 5$  years were asked to provide a blood sample and demographic information. Serum samples were tested for IgM and IgG antibodies to dengue virus by ELISA. The seroincidence of recent dengue infection was defined by IgM antibodies  $\geq 0.2$  optical density (OD). Seroprevalence was defined as the presence of IgG antibodies  $\geq 1:40$ . Data were weighted to reflect probability of selection, taking into account the population and numbers of households per census tract and size of household.

In Matamoros, 240 households were visited during December 5–10, and 143 (59.6%) had residents at home. Blood samples were obtained from 131 persons in 111 homes. Of these samples, 30 were anti-dengue IgM posi-

<sup>†</sup> Boletín Epidemiología [Spanish] México, D.F. Dirección General de Epidemiología, 2000–2006. Available at <http://www.dgepi.salud.gob.mx/boletin/boletin.htm>.

<sup>§</sup> Defined as the presence of anti-dengue IgM antibody, dengue viral identification by polymerase chain reaction, or virus isolation from a blood sample of a patient with clinically compatible symptoms.

<sup>‡</sup> DHF is classified into four grades of severity; grades III and IV are considered to be dengue shock syndrome. Grade I: Fever accompanied by nonspecific constitutional symptoms; the only hemorrhagic manifestation is a positive tourniquet test and/or easy bruising. Grade II: Spontaneous bleeding in addition to the manifestations of Grade I patients, usually in the forms of skin or other hemorrhages. Grade III: Circulatory failure manifested by a rapid, weak pulse and narrowing of pulse pressure or hypotension, with the presence of cold, clammy skin and restlessness. Grade IV: Profound shock with undetectable blood pressure or pulse (2).

**FIGURE 2. Number of cases of dengue fever, by week of report — City of Matamoros, Mexico,\* and Cameron County, Texas,† 2005**

\* n = 1,596.

† n = 25.

tive (weighted prevalence: 22.8%; 95% confidence interval [CI] = 13.3%–32.3%), and 101 were IgG positive (weighted prevalence: 76.6%; CI = 64.7%–88.5%). In Brownsville, 346 households were visited during December 12–15, and 161 (46.5%) had residents at home. Blood samples were obtained from 141 persons in 118 homes. Of these samples, four were anti-dengue IgM positive (weighted prevalence: 2.5%; CI = 0%–5.4%) and 47 were IgG positive (weighted prevalence: 38.2%; CI = 26.7%–49.8%). Of 24 Brownsville participants with no history of travel outside the United States, six (25%) were seropositive for IgM or IgG antibodies to dengue.

**Reported by:** A Abell, PhD, B Smith, MD, M Fournier, MD, Texas Dept of State Health Svcs, Harlingen, Texas; T Betz, MD, L Gaul, PhD, Texas Dept of State Health Svcs, Austin, Texas; JL Robles-Lopez, MD, CA Carrillo, MD, Jurisdicción Sanitaria No. III de Matamoros, Matamoros, Tamaulipas; A Rodríguez-Trujillo, MD, Servicios de Salud de Tamaulipas, Cd. Victoria, Tamaulipas; C Moya-Rabelly, MD, Mexico Section of the US-Mexico Border Health Commission, Tijuana, Baja California; O Velasquez-Monroy, MD, C Alvarez-Lucas, MD, Centro Nacional de Vigilancia Epidemiológica y Control de Enfermedades, Mexico, DF; P Kuri-Morales, MD, L Anaya-Lopez, MD, Dirección General de Epidemiología, México, DF; M Hayden, PhD, National Center for Atmospheric Research, Boulder, Colorado; E Zielinski-Gutierrez, DrPH, J Muñoz, PhD, M Beatty, MD, I Sosa, Div of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases; S Wenzel, MPH, Career Development Div, Office of Workforce and Career Development; M Escobedo, MD,

S Waterman, MD, Div of Global Migration and Quarantine, National Center for Preparedness, Detection, and Control of Infectious Diseases; M Ramos, MD, BK Kapella, MD, H Mohammed, PhD, R Taylor, PhD, J Brunkard, PhD, EIS officers.

**Editorial Note:** DHF incidence has increased in the Western Hemisphere in Latin America and the Caribbean during the past two decades (3). Over this period, the epidemiology of dengue in Mexico and Texas has changed. Since 1995, when all four dengue serotypes were identified as circulating in Mexico, an increasing percentage of reported dengue cases in Mexico have been DHF (7). In the Mexican border state of Tamaulipas, all four serotypes were first reported in circulation in 1995, and the proportion of reported DHF cases increased from 2.2% in 2000 to 23.4% in 2006. In south Texas, all dengue serotypes have circulated periodically

(3,8), but locally acquired DHF has been reported only recently (9). The first report of locally acquired DHF in Texas, published in 2004, described a fatal case involving a woman originally from Southeast Asia (9). She presumably had acquired her first dengue infection in Asia and her second dengue infection in Val Verde, Texas, near the U.S.-Mexico border. However, the DHF case described in this report is the first in a Texas resident who was native to the U.S.-Mexico border area. Case-finding activities during the dengue outbreak identified 15 additional DHF cases on the Texas side of the border.

Entomologic, serologic and virologic conditions are now such that locally acquired DHF can occur in south Texas. The principal dengue vector, the *Aedes aegypti* mosquito, is well established in south Texas, as is *Aedes albopictus*, which also is capable of transmitting dengue (7,10; TDSHS, unpublished data, 2007). The finding that 38% of surveyed Brownsville residents have IgG antibodies to dengue indicates that a substantial proportion of the city population has been infected with the dengue virus and might be more susceptible to DHF if they receive a second infection with a heterologous dengue serotype. The presence in Brownsville of multiple dengue serotypes since 1980 might increase the likelihood for secondary dengue infections from a different serotype and increase the risk for DHF.

The findings in this report are subject to at least two limitations. First, more comprehensive laboratory testing

on the U.S. side of the border during the 2005 outbreak likely accounted for the greater percentage of patients meeting DHF criteria among hospitalized dengue patients in Cameron County compared with Matamoros. As such, the results for these two sites are not directly comparable. Second, because anti-dengue IgM antibodies do not always remain elevated 2–3 months after infection, especially after a second infection, the serosurvey conducted during December 5–15 likely underestimated the number of recent dengue infections in Brownsville and Matamoros.

Health authorities along the Texas-Tamaulipas border should consider strengthening surveillance for dengue fever, given the potential for future outbreaks with increased risk for DHF. Maintaining active virologic surveillance for circulating serotypes also is important to provide early warning of possible epidemics. Clinicians in the south Texas area and members of the public should be aware of the potential for DHF in addition to dengue fever in the region. Furthermore, clinicians should be trained to recognize and manage DHF. Early recognition and diagnosis of DHF and careful fluid management can reduce the case fatality rate in cases with shock to less than 1%. Public health officials should continue outreach activities to advise communities of prevention measures, including effective mosquito surveillance and reduction programs.

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#### References

1. Rothman AL. Immunology and immunopathogenesis of dengue infection. *Adv Virus Res* 2003;60:397–419.
2. World Health Organization. Dengue haemorrhagic fever: diagnosis, treatment, prevention and control. 2nd ed. Geneva, Switzerland: World Health Organization, 1997. Available at <http://www.who.int/cst/resources/publications/dengue/Denguepublication/en>.
3. Gubler DJ. Dengue and dengue hemorrhagic fever. In: Guerrant R, Walker D, Weller P, eds. *Tropical infectious diseases*. 2nd ed. Philadelphia, PA: Elsevier; 2006:813–22.
4. Leitmeyer KC, Vaughn DW, Watts DM, et al. Dengue virus structural differences that correlate with pathogenesis. *J Virol* 1999;73:4738–47.
5. Rico-Hesse R. Dengue virus evolution and virulence models. *Clin Infect Dis* 2007;44:11462–6.
6. Turner AG, Magnani RJ, Shuaib M. A not quite as quick but much cleaner alternative to the expanded programme on immunization (EPI) cluster survey design. *Int J Epidemiol* 1996;25:198–203.
7. Diaz FJ, Black WC, Farfan-Ale JA, Loroño-Pino MA, Olson KE, Beaty BJ. Dengue virus circulation and evolution in Mexico: a phylogenetic perspective. *Arch Med Res* 2006;37:760–73.
8. CDC. Dengue fever at the US-Mexico border, 1995–1996. *MMWR* 1996;45:841–4.
9. Setlik RF, Ouellette D, Morgan J, et al. Pulmonary hemorrhage syndrome associated with an autochthonous case of dengue hemorrhagic fever. *South Med J* 2004;97:688–91.
10. Hayes JM, Rigau-Perez JG, Reiter P, et al. Risk factors for infection during a dengue-1 outbreak in Maui, Hawaii, 2001. *Trans R Soc Trop Med Hyg* 2006;100:559–66.

## Update: Influenza Activity — United States and Worldwide, 2006–07 Season, and Composition of the 2007–08 Influenza Vaccine

During the 2006–07 season, influenza activity peaked in mid-February in the United States and was associated with less mortality and lower rates of pediatric hospitalizations than during the previous three seasons. In the United States, influenza A (H1) viruses predominated overall, but influenza A (H3) viruses were isolated more frequently than influenza A (H1) viruses late in the season. Although influenza A (H1), A (H3), and B viruses cocirculated worldwide, influenza A (H3) viruses were the most commonly reported type in Europe and Asia. Sporadic cases of avian influenza A (H5N1) virus infections associated with severe illness or death were reported among humans in Cambodia, China, Egypt, Indonesia, Laos, Nigeria, and Viet Nam. This report summarizes influenza activity in the United States and worldwide during the 2006–07 influenza season (October 1, 2006–May 19, 2007) and describes the composition of the 2007–08 influenza vaccine.

### United States

The national percentage of respiratory specimens testing positive for influenza and the proportion of outpatient visits to sentinel providers for influenza-like illness (ILI)\* peaked in mid-February. Although influenza A (H1) viruses were most commonly isolated overall, influenza A (H3) viruses were more frequently identified than influenza A (H1) viruses from early March through May. A small number of influenza B viruses also were identified.

### Viral Surveillance

During October 1, 2006–May 19, 2007, World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories in the United States tested 179,268 respiratory specimens for influenza viruses; 23,753 (13.2%) were

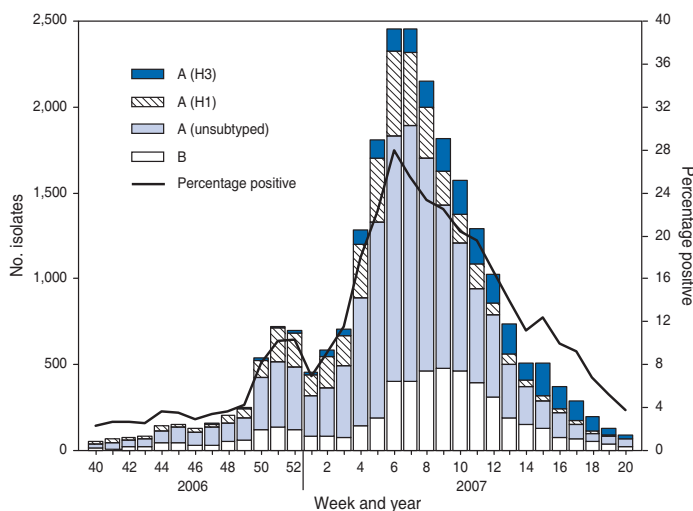
\* Defined as a temperature of  $\geq 100.0^{\circ}\text{F}$  ( $\geq 37.8^{\circ}\text{C}$ ), oral or equivalent, and cough and/or sore throat, in the absence of a known cause other than influenza.

positive (Figure 1). Of these, 18,817 (79.2%) were influenza A viruses and 4,936 (20.8%) were influenza B viruses. Among the influenza A viruses, 6,280 (33.4%) were subtyped; 3,912 (62.3%) were influenza A (H1) viruses and 2,368 (37.7%) were influenza A (H3) viruses. The proportion of specimens testing positive for influenza first exceeded 10% during the week ending December 23, 2006 (week 51), peaked at 28.0% during the week ending February 10, 2007 (week 6), and declined to less than 10% during the week ending April 28, 2007 (week 17). The proportion was above 10% positive for 14 consecutive weeks. The peak percentage of specimens testing positive for influenza during the previous three seasons ranged from 22.6% to 34.7%, and the peak occurred during early December to early March (*1*; CDC, unpublished data, 2007). During the previous three influenza seasons, the number of consecutive weeks during which more than 10% of specimens tested positive for influenza ranged from 13 to 17 weeks (*1*; CDC, unpublished data, 2007).

### Composition of the Influenza Vaccine for the 2007–08 Season

The Food and Drug Administration's Vaccines and Related Biological Products Advisory Committee recommended that the 2007–08 trivalent influenza vaccine for

**FIGURE 1. Number\* and percentage of respiratory specimens testing positive for influenza reported by World Health Organization and National Respiratory and Enteric Virus Surveillance System collaborating laboratories, by week and year — United States, 2006–07 influenza season†**



\* N = 179,268.

† As of August 6, 2007.

the United States contain A/Solomon Islands/3/2006-like (H1N1), A/Wisconsin/67/2005-like (H3N2), and B/Malaysia/2506/2004-like viruses. This represents a change only in the influenza A (H1N1) component. A/Solomon Islands/3/2006 is a recent antigenic variant of the 2006–07 vaccine strain A/New Caledonia/20/99. The influenza A (H3N2) and influenza B components remain the same. These recommendations were based on antigenic analyses of recently isolated influenza viruses, epidemiologic data, postvaccination serologic studies in humans, and the availability of candidate vaccine strains and reagents.

### Antigenic Characterization

Since October 1, 2006, CDC has antigenically characterized 1,107 influenza viruses collected by U.S. laboratories: 486 influenza A (H1) viruses, 289 influenza A (H3) viruses, and 332 influenza B viruses. Of the 486 influenza A (H1) viruses, 439 (90%) were characterized as similar to A/New Caledonia/20/99, the influenza A (H1N1) component recommended for the 2006–07 influenza vaccine. Forty-five (9%) viruses showed reduced titers with antisera produced against A/New Caledonia/20/99 and are similar to A/Solomon Islands/3/2006, which is a recent antigenic variant of A/New Caledonia/20/99 and is the influenza A (H1N1) component recommended for the 2007–08 influenza vaccine. Two influenza A (H1) viruses showed reduced titers with antisera produced against both A/New Caledonia/20/99 and A/Solomon Islands/3/2006. Of the 289 influenza A (H3) viruses, 69 (24%) were characterized as similar to A/Wisconsin/67/2005, the H3N2 component recommended for the 2007–08 vaccine, and 220 (76%) of the 289 viruses showed reduced titers with antisera produced against A/Wisconsin/67/2005. Influenza B viruses currently circulating can be divided into two antigenically distinct lineages represented by B/Yamagata/16/88 and B/Victoria/02/87 viruses. A total of 254 (77%) of the 332 influenza B viruses that have been characterized belong to the B/Victoria lineage: 128 (50%) were similar to B/Ohio/01/2005, and 126 (50%) showed reduced titers with antisera produced against B/Ohio/01/2005. B/Ohio/01/2005 is antigenically equivalent to B/Malaysia/2506/2004, the recommended influenza B component for the 2007–08 influenza vaccine. Seventy-eight (23%) of the 332 influenza B viruses were identified as belonging to the B/Yamagata lineage.

## Influenza-Like Illness (ILI) Surveillance

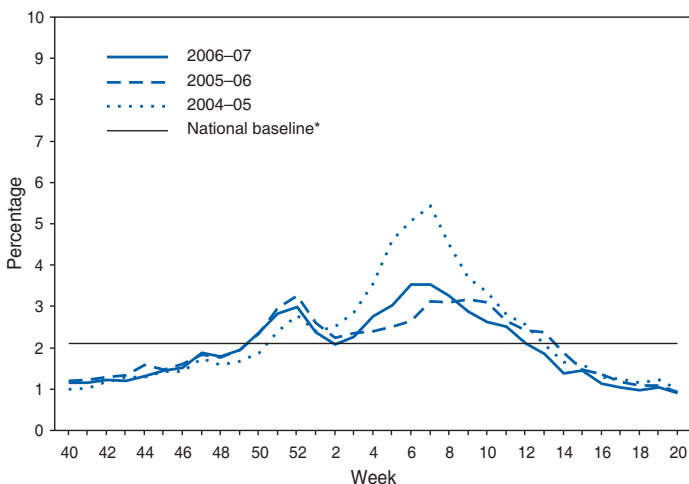
The weekly percentage of patient visits to U.S. sentinel providers for ILI exceeded or was at baseline levels (2.1%)<sup>†</sup> during the weeks ending December 16, 2006–March 24, 2007 (weeks 50–12) and peaked twice, once at 3.0% for the week ending December 30, 2006 (week 52), and again at 3.5% for the week ending February 17, 2007 (week 7) (Figure 2). The increase in the percentage of patient visits for ILI during the week ending December 30, 2006 (week 52) might have been influenced by a reduction in routine health-care visits during the holiday season, as has occurred in previous seasons. During the previous three influenza seasons, the peak percentage of patient visits for ILI has ranged from 3.3% to 7.6% and the peak occurred during late December to mid-February (*I*; CDC, unpublished data, 2007).

### State-Specific Activity Levels

State and territorial epidemiologists report the geographic distribution of influenza in their state through a weekly influenza activity code. The geographic distribution of

<sup>†</sup>The national baseline is the mean percentage of visits for ILI during noninfluenza weeks for the previous three seasons plus two standard deviations. Noninfluenza weeks are those in which less than 10% of laboratory specimens are positive for influenza. National percentages of patient visits for ILI are weighted on the basis of state population.

**FIGURE 2. Percentage of visits for influenza-like illness (ILI) reported by the Sentinel Provider Surveillance Network, by week — United States, 2004–05, 2005–06, and 2006–07 influenza seasons**



\*The national baseline was calculated as the mean percentage of visits for ILI during noninfluenza weeks for the preceding three seasons plus two standard deviations. Noninfluenza weeks are those in which less than 10% of laboratory specimens are positive for influenza. National percentages of patient visits for ILI are weighted on the basis of state population.

influenza activity peaked during the week ending February 24, 2007 (week 8), when 25 states reported widespread activity and 19 states reported regional activity.<sup>§</sup> Forty-one states reported widespread influenza activity at least once during the 2006–07 season. No states reported widespread influenza activity during the weeks ending April 21–May 19, 2007 (weeks 16–20). The peak number of states reporting widespread or regional activity during the previous three seasons ranged from 41 to 50 states (*I*; CDC, unpublished data, 2007).

### Influenza-Associated Pediatric Hospitalization

Pediatric hospitalizations associated with laboratory-confirmed influenza infections are monitored in two population-based surveillance networks: the Emerging Infections Program (EIP) and the New Vaccine Surveillance Network (NVSN). During October 1, 2006–April 28, 2007, the preliminary influenza-associated hospitalization rate reported by EIP for children aged 0–17 years was 0.81 per 10,000. For children aged 0–4 years and 5–17 years, the rates were 1.62 per 10,000 and 0.23 per 10,000, respectively. During November 5, 2006–May 26, 2007, the preliminary laboratory-confirmed influenza-associated hospitalization rate for children aged 0–4 years in NVSN was 3.46 per 10,000. EIP hospitalization data collection ended on April 28, 2007, whereas NVSN hospitalization data collection ended on May 26, 2007. Rate estimates are preliminary and might continue to change as data are finalized.

In years 2000–2006, the end-of-season hospitalization rate for NVSN ranged from 3.7 (2002–03) to 12 (2003–04) per 10,000 children aged 0–4 years. During the 2004–05 influenza season, the end-of-season hospitalization rate for EIP was 3.3 per 10,000 children aged 0–4 years and 0.6 per 10,000 children aged 5–17 years; during the 2005–06 season, the rates were 2.8 and 0.4, respectively. Differences in rate estimates between the NVSN and the EIP

<sup>§</sup>Levels of activity are 1) *no activity*; 2) *sporadic*: isolated laboratory-confirmed influenza cases or a laboratory-confirmed outbreak in one institution, with no increase in ILI activity; 3) *local*: increased ILI, or at least two institutional outbreaks (ILI or laboratory-confirmed influenza) in one region with recent laboratory evidence of influenza in that region; virus activity no greater than sporadic in other regions; 4) *regional*: increased ILI activity or institutional outbreaks (ILI or laboratory-confirmed influenza) in at least two but less than half of the regions in the state with recent laboratory evidence of influenza in those regions; and 5) *widespread*: increased ILI activity or institutional outbreaks (ILI or laboratory-confirmed influenza) in at least half the regions in the state with recent laboratory evidence of influenza in the state.

systems likely result from different case-finding methods, the diagnostic tests used, and the populations monitored.<sup>‡</sup>

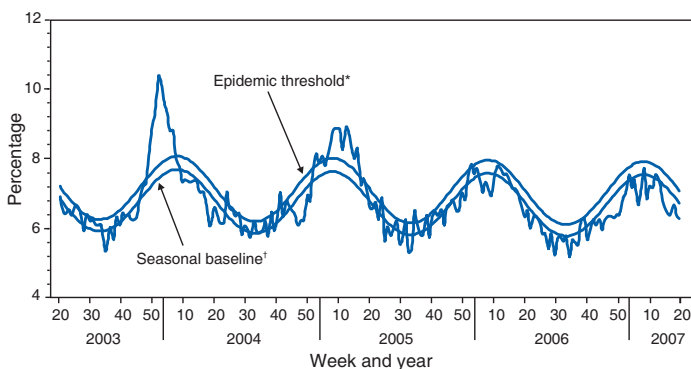
## Pneumonia- and Influenza-Related Mortality

During the 2006–07 influenza season, the percentage of deaths attributed to pneumonia and influenza (P&I) did not exceed the epidemic threshold\*\* in the 122 Cities Mortality Reporting System (Figure 3). The percentage of P&I deaths peaked three times, once at 7.5% during the week ending January 20, 2007 (week 3), once at 7.7% during the week ending February 24, 2007 (week 8), and again at 7.5% during the week ending March 24, 2007 (week 12). During the previous three influenza seasons, the peak percentage of P&I deaths ranged from 7.8% to 10.4%, and the total number of weeks above the epidemic threshold ranged from one to 16 (*I*; CDC, unpublished data, 2007).

<sup>‡</sup> NVSN provides population-based estimates of laboratory-confirmed influenza hospitalization rates in children aged <5 years admitted to NVSN hospitals with fever or respiratory symptoms. Children are prospectively enrolled, and respiratory samples are collected and tested by viral culture and reverse transcription–polymerase chain reaction (RT-PCR). EIP conducts surveillance for laboratory-confirmed, influenza-related hospitalizations in persons aged <18 years. Hospital laboratory and admission databases and infection-control logs are reviewed to identify children with a positive influenza test (i.e., viral culture, direct fluorescent antibody assays, RT-PCR, or a commercial rapid antigen test) from testing conducted as a part of their routine care.

\*\* The expected seasonal baseline proportion of P&I deaths reported by the 122 Cities Mortality Reporting System is projected using a robust regression procedure in which a periodic regression model is applied to the observed percentage of deaths from P&I during the preceding 5 years. The epidemic threshold is 1.645 standard deviations above the seasonal baseline.

**FIGURE 3. Percentage of deaths attributed to pneumonia and influenza (P&I) reported by the 122 Cities Mortality Reporting System, by week and year — United States, 2003–2007**



\* The epidemic threshold is 1.645 standard deviations above the seasonal baseline.

† The seasonal baseline is projected using a robust regression procedure that applies a periodic regression model to the observed percentage of deaths from P&I during the preceding 5 years.

## Influenza-Associated Pediatric Mortality

As of August 6, 2007, among persons aged <18 years, a total of 68 deaths associated with influenza infection occurring during October 1, 2006–May 19, 2007, were reported to CDC. These deaths were reported from 26 states (Alabama, Alaska, Arizona, California, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Kansas, Louisiana, Minnesota, North Carolina, Nebraska, Nevada, New Mexico, New York, Ohio, Oklahoma, South Dakota, Tennessee, Texas, Virginia, Washington, and Wisconsin). All patients had laboratory-confirmed influenza virus infection. Age-specific information was available for all 68 persons; 10 were aged <6 months, 10 were aged 6–23 months, nine were aged 2–4 years, and 39 were aged 5–17 years. Of the 63 patients for whom influenza virus type was known, 47 had influenza A and 16 had influenza B viruses. Of the 53 patients aged ≥6 months for whom vaccination status was known, 50 (94%) had not been vaccinated against influenza. These data are provisional.

## Worldwide

During the 2006–07 influenza season, influenza A (H1), A (H3), and B viruses cocirculated worldwide. In Africa, small numbers of influenza A and B viruses were reported. In Europe and Asia, influenza A (H3) viruses were identified most frequently, but influenza A (H1) viruses circulated at low levels. Influenza B viruses circulated at lower levels overall in Asia and Europe but predominated in some countries.

## Human Infections with Avian Influenza A (H5N1) Viruses

From December 1, 2003, through July 25, 2007, a total of 319 human cases of avian influenza A (H5N1) infection were reported to WHO (2). Of these, 192 (60%) were fatal (Table). All cases were reported from Asia (Azerbaijan, Cambodia, China, Indonesia, Iraq, Laos, Thailand, Turkey, and Viet Nam) and Africa (Djibouti, Egypt, and Nigeria). To date, no human case of avian influenza A (H5N1) virus infection has been identified in the United States.

**Reported by:** WHO Collaborating Center for Surveillance, Epidemiology, and Control of Influenza. L Blanton, MPH, L Brammer, MPH, A Budd, MPH, T Wallis, MS, D Shay, MD, J Bresee, MD, A Klimov, PhD, N Cox, PhD, Influenza Div, National Center for Immunization and Respiratory Diseases, CDC.

**Editorial Note:** During the 2006–07 influenza season, influenza activity in the United States peaked in mid-February, and the percentage of deaths resulting from pneumonia and influenza remained below baseline levels for the



**TABLE. Number of laboratory-confirmed human cases and deaths from avian influenza A (H5N1) infection reported to the World Health Organization, by country — worldwide, December 1, 2003–July 25, 2007**

| Country      | 2003         |          | 2004         |           | 2005         |           | 2006         |           | 2007         |           | Total        |            |
|--------------|--------------|----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|------------|
|              | No. of cases | Deaths   | No. of cases | Deaths    | No. of cases | Deaths    | No. of cases | Deaths    | No. of cases | Deaths    | No. of cases | Deaths     |
| Azerbaijan   | 0            | 0        | 0            | 0         | 0            | 0         | 8            | 5         | 0            | 0         | 8            | 5          |
| Cambodia     | 0            | 0        | 0            | 0         | 4            | 4         | 2            | 2         | 1            | 1         | 7            | 7          |
| China        | 1            | 1        | 0            | 0         | 8            | 5         | 13           | 8         | 3            | 2         | 25           | 16         |
| Djibouti     | 0            | 0        | 0            | 0         | 0            | 0         | 1            | 0         | 0            | 0         | 1            | 0          |
| Egypt        | 0            | 0        | 0            | 0         | 0            | 0         | 18           | 10        | 20           | 5         | 38           | 15         |
| Indonesia    | 0            | 0        | 0            | 0         | 20           | 13        | 55           | 45        | 27           | 23        | 102          | 81         |
| Iraq         | 0            | 0        | 0            | 0         | 0            | 0         | 3            | 2         | 0            | 0         | 3            | 2          |
| Laos         | 0            | 0        | 0            | 0         | 0            | 0         | 0            | 0         | 2            | 2         | 2            | 2          |
| Nigeria      | 0            | 0        | 0            | 0         | 0            | 0         | 0            | 0         | 1            | 1         | 1            | 1          |
| Thailand     | 0            | 0        | 17           | 12        | 5            | 2         | 3            | 3         | 0            | 0         | 25           | 17         |
| Turkey       | 0            | 0        | 0            | 0         | 0            | 0         | 12           | 4         | 0            | 0         | 12           | 4          |
| Vietnam      | 3            | 3        | 29           | 20        | 61           | 19        | 0            | 0         | 2            | 0         | 95           | 42         |
| <b>Total</b> | <b>4</b>     | <b>4</b> | <b>46</b>    | <b>32</b> | <b>98</b>    | <b>43</b> | <b>115</b>   | <b>79</b> | <b>56</b>    | <b>34</b> | <b>319</b>   | <b>192</b> |

entire influenza season. In the United States, influenza A (H1) viruses predominated during most of the season, but influenza A (H3) viruses were more frequently identified than influenza A (H1) viruses since early March. Worldwide, influenza A (H3) viruses predominated in many European and Asian countries.

In the United States, the majority of influenza A (H1) viruses were characterized as A/New Caledonia/20/99, the recommended influenza A (H1N1) component of the 2006–07 influenza vaccine. Fifty percent of the influenza B viruses characterized as belonging to the B/Victoria lineage were further characterized as B/Ohio/01/2005, the antigenic equivalent of B/Malaysia/2506/2004, the recommended influenza B component for the 2006–07 influenza vaccine. In the early months of the season, the majority of influenza A (H3) isolates matched the A/Wisconsin/67/2005 strain, the recommended influenza A (H3N2) component for the 2006–07 vaccine. Beginning in late February 2007, the majority of the influenza A (H3) isolates indicated reduced titers with antisera produced against A/Wisconsin/67/2005. States are requested to submit a subset of their summer influenza isolates and any samples that cannot be subtyped by standard methods or are unusual to CDC for further antigenic characterization.

In May 2007, a Health Alert Network advisory was issued by CDC regarding an increase in the number of influenza-associated pediatric deaths and coinfections with *Staphylococcus aureus* during the 2006–07 season (3). Only one pediatric death with influenza and *S. aureus* coinfection had been reported during 2004–05, and three had been reported during the 2005–06 season (3). Of the 68 reported deaths among children associated with influenza infections during October 1, 2006–May 19, 2007, a total

of 21 had coinfections with influenza and either methicillin-resistant or sensitive *S. aureus*. State health departments have been asked to ensure that all influenza-associated pediatric deaths from the 2006–07 influenza season are reported to CDC.

At the June 2007 Annual Meeting of the Council of State and Territorial Epidemiologists (CSTE), members voted to ratify a position statement adopted by the CSTE Executive Committee in January 2007 that adds human infections with novel influenza A viruses to the list of nationally notifiable diseases and conditions reportable to the National Notifiable Disease Surveillance System. Novel influenza A viruses are defined as those isolated from a human but subtyped as nonhuman, or those that cannot be subtyped by standard methods. Human infections with novel influenza A viruses that can be transmitted from person-to-person might signal the beginning of an influenza pandemic. Rapid reporting of human infections with novel influenza A viruses will facilitate prompt detection and characterization of influenza A viruses with pandemic potential and accelerate implementation of effective public health responses. In addition, influenza-associated pediatric deaths were maintained as a nationally notifiable disease reportable to the National Notifiable Disease Surveillance System.

In May 2007, health authorities in the United Kingdom identified four persons, two in Wales and two in northwest England, who were infected with a low pathogenic avian influenza A (H7N2) virus (4). All four persons had been exposed to infected poultry at a farm in Wales; limited evidence of human-to-human transmission has been associated with low pathogenic avian influenza viruses such as influenza A (H7N2) virus (4). The United Kingdom inci-

dent underscores the importance of submission and identification of unusual influenza isolates.

In collaboration with local and state health departments, CDC continues to recommend enhanced surveillance for possible avian influenza A (H5N1) infection among travelers who have severe unexplained respiratory illness and are returning from influenza A (H5N1)-affected countries. Additional information regarding influenza, including avian influenza, is available at <http://www.cdc.gov/flu>. Updates on the worldwide avian influenza situation are available from WHO at [http://www.who.int/csr/disease/avian\\_influenza/en](http://www.who.int/csr/disease/avian_influenza/en).

#### Acknowledgments

This report is based, in part, on data contributed by participating state and territorial health departments and state public health laboratories, WHO collaborating laboratories, National Respiratory and Enteric Virus Surveillance System collaborating laboratories, the U.S. Influenza Sentinel Provider Surveillance System, the New Vaccine Surveillance Network, the Emerging Infections Program, and the 122 Cities Mortality Reporting System; WHO National Influenza Centers, WHO Global Influenza Programme, Geneva, Switzerland; I Gust, MD, A Hampson, WHO Collaborating Center for Reference and Research on Influenza, Parkville, Australia; A Hay, PhD, WHO Collaborating Center for Reference and Research on Influenza, National Institute of Medical Research, London, England; M Tashiro, MD, WHO Collaborating Center for Reference and Research on Influenza, National Institute of Infectious Diseases, Tokyo, Japan.

#### References

1. CDC. Update: Influenza activity—United States, October 1, 2006–February 3, 2007. *MMWR* 2007;56:118–21.
2. World Health Organization. Confirmed human cases of avian influenza A (H5N1). Geneva, Switzerland: World Health Organization; 2007. Available at [http://www.who.int/csr/disease/avian\\_influenza/en](http://www.who.int/csr/disease/avian_influenza/en).
3. CDC. Influenza-associated pediatric mortality and the increase of *Staphylococcus aureus* co-infection. Atlanta, GA: CDC; 2007. Available at <http://www2a.cdc.gov/HAN/ArchiveSys/ViewMsgV.asp?AlertNum=00259>.
4. World Health Organization Regional Office for Europe. Human cases of avian influenza A/H7N2 in the United Kingdom. Geneva, Switzerland: World Health Organization; 2007. Available at [http://www.euro.who.int/flu/situation/20070601\\_1](http://www.euro.who.int/flu/situation/20070601_1).

#### Notice to Readers

### Revised Recommendations of the Advisory Committee on Immunization Practices to Vaccinate All Persons Aged 11–18 Years with Meningococcal Conjugate Vaccine

In January 2005, a quadrivalent meningococcal polysaccharide-protein conjugate vaccine (MCV4) (Menactra™, Sanofi Pasteur, Inc., Swiftwater, Pennsylvania) was licensed for use among persons aged 11–55 years. In May 2005,

the Advisory Committee on Immunization Practices (ACIP) recommended routine vaccination with 1 dose of MCV4 for persons aged 11–12 years, persons entering high school (i.e., at approximately age 15 years) if not previously vaccinated with MCV4, and other persons at increased risk for meningococcal disease, including college freshmen living in dormitories (1). Background information regarding meningococcal disease and the vaccine, including a discussion of duration of protection and use of the vaccine for outbreak control, has been published previously (1).

In June 2007, ACIP revised its recommendation to include routine vaccination of all persons aged 11–18 years with 1 dose of MCV4 at the earliest opportunity. Persons aged 11–12 years should be routinely vaccinated at the 11–12 years health-care visit as recommended by ACIP (2). ACIP continues to recommend routine vaccination for persons aged 19–55 years who are at increased risk for meningococcal disease: college freshmen living in dormitories, microbiologists routinely exposed to isolates of *Neisseria meningitidis*, military recruits, travelers to or residents of countries in which *N. meningitidis* meningitis is hyperendemic or epidemic, persons with terminal complement component deficiencies, and persons with anatomic or functional asplenia.

The ACIP goal is routine vaccination of all adolescents with MCV4 beginning at age 11 years. ACIP and partner organizations, including the American Academy of Pediatrics, American Academy of Family Physicians, American Medical Association, and Society for Adolescent Medicine, recommend a health-care visit for children aged 11–12 years to receive recommended vaccinations and indicated preventive services. This visit is the optimal time for adolescents to receive MCV4. In addition, because the incidence of meningococcal disease increases during adolescence, health-care providers should vaccinate previously unvaccinated persons aged 11–18 years with MCV4 at the earliest possible health-care visit. College freshmen living in dormitories are at increased risk for meningococcal disease and should be vaccinated with MCV4 before college entry if they have not been vaccinated previously. Because of difficulties in targeting freshmen in dormitories, colleges may elect to target their vaccination campaigns to all matriculating freshmen (1).

The ACIP meningococcal vaccine workgroup reviewed updated data on MCV4 use and supply projections and data presented previously on the epidemiology of meningococcal disease, safety, and the cost-effectiveness of MCV4 vaccination strategies. On the basis of these data, expert opinion of the workgroup members, and feedback from

partner organizations, the workgroup revised the MCV4 recommendations, which were approved by ACIP at the June 2007 meeting.

The 2005 ACIP MCV4 recommendation was influenced by concern that implementation of MCV4 recommendations might be hindered by reduced vaccine supply during the first few years of production. In 2005 and 2006, peaks in demand were observed during the months when children were returning to school after summer vacation, leading to limited vaccine availability (3,4). However, as of June 2007, ACIP expects supply of MCV4 to be sufficient to meet increased vaccine demand resulting from the revised recommendations. ACIP anticipates that recommending vaccination of all persons aged 11–18 years will improve MCV4 vaccination coverage in this age group and simplify provider decisions to vaccinate.

ACIP encourages health-care providers to vaccinate with MCV4 throughout the year to minimize seasonal increases in demand during July and August when students prepare to return to school from summer vacation. Vaccine providers should administer MCV4 and Tdap (tetanus toxoid, reduced diphtheria toxoid and acellular pertussis) vaccine to persons aged 11–18 years during the same visit if both vaccines are indicated and available. If simultaneous vaccination is not feasible (e.g., a vaccine is not available), MCV4 and Tdap can be administered using any order of administration (5). When making decisions about timing of vaccination, providers should consider that eligibility for the Vaccines for Children Program ends at age 19 years.

Guillain-Barré syndrome (GBS) has been associated with receipt of MCV4 (6). Persons with a history of GBS might be at increased risk for postvaccination GBS; therefore, a history of GBS is a relative contraindication to receiving MCV4. Persons recommended to receive meningococcal vaccination who have a history of GBS (or their parents) should discuss the decision to be vaccinated with their health-care provider (6). Meningococcal polysaccharide vaccine (MPSV4) is an acceptable alternative for short-term protection against meningococcal disease (3–5 years). Providers who have questions about ordering MCV4 or MPSV4 may contact Sanofi Pasteur by telephone at 1-800-VACCINE or online at <http://www.vaccineshoppe.com>.

## References

1. CDC. Prevention and control of meningococcal disease: recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR 2005;54(No. RR-7).
2. CDC. Immunization of adolescents: recommendations of the Advisory Committee on Immunization Practices, the American Academy of Pediatrics, the American Academy of Family Physicians, and the American Medical Association. MMWR 1996;45(RR-13):1–16.
3. CDC. Limited supply of meningococcal conjugate vaccine, recommendation to defer vaccination of persons aged 11–12 years. MMWR 2006;55:567–8.
4. CDC. Improved supply of meningococcal conjugate vaccine, recommendation to resume vaccination of children aged 11–12 years. MMWR 2006;55:1177.
5. CDC. Preventing tetanus, diphtheria, and pertussis among adolescents: use of tetanus toxoid, reduced diphtheria toxoid and acellular pertussis vaccines: recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR 2006;55 (RR-3):1–34
6. CDC. Update: Guillain-Barré syndrome among recipients of Menactra<sup>®</sup> meningococcal conjugate vaccine—United States, June 2005–September 2006. MMWR 2006;55:1120–4.

## Notice to Readers

### Satellite Broadcast and Webcast: Current Challenges and Successes in HIV Prevention with Hispanics/Latinos

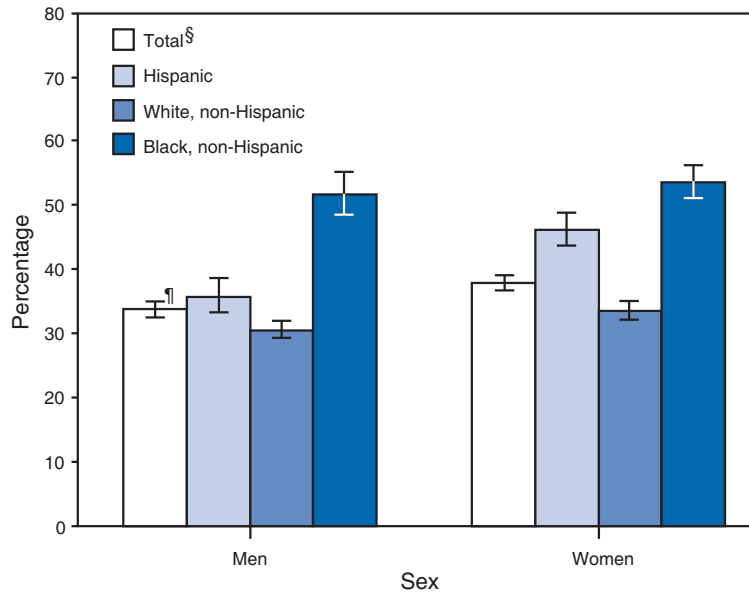
CDC and the Public Health Training Network will present the satellite broadcast and live webcast, Current Challenges and Successes in HIV Prevention with Hispanics/Latinos, on November 15, 2007, at 1:00 p.m. EST. The 2-hour broadcast will highlight relevant research and examples of effective HIV-prevention programs in the United States. A panel will answer viewer questions, which can be sent by fax during the broadcast or by e-mail during and after the broadcast.

Organizations are responsible for setting up their own viewing locations and are encouraged to register their locations as soon as possible so that potential viewers can access information online. Additional information regarding the broadcast and directions for establishing and registering a viewing location are available at <http://www.cdc.npin-broadcast.org>. The broadcast will be available for 3 years after its initial airing at <http://www2a.cdc.gov/phtn>. DVDs can be ordered by telephone, 800-458-5231.

# QuickStats

FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

## Percentage of Adults Aged $\geq 18$ Years Who Reported Ever Being Tested for Human Immunodeficiency Virus (HIV),\* by Sex and Race/Ethnicity — National Health Interview Survey, United States, 2006<sup>†</sup>



\* Based on responses to the following question: "Except for tests you may have had as part of blood donations, have you ever been tested for HIV?"

<sup>†</sup> Estimates are based on household interviews of a sample of the civilian, noninstitutionalized U.S. population.

<sup>§</sup> Total includes non-Hispanics of other races or multiple races.

<sup>¶</sup> 95% confidence interval.

Among both men and women, non-Hispanic blacks (51.6% of men and 53.5% of women) were more likely to report ever being tested for HIV than Hispanics (35.7% of men and 46.1% of women) and non-Hispanic whites (30.5% of men and 33.5% of women). Overall, women (37.8%) were more likely than men (33.7%) to report ever being tested for HIV.

**SOURCE:** National Health Interview Survey, 2006. Available at <http://www.cdc.gov/nchs/nhis.htm>.

**TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending August 4, 2007 (31st 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        | 0                      | 20                                      | 19   | 16   | 20    | 28    |  |
| infant   | —            | 47       | 1                      | 97                                      | 85   | 87   | 76    | 69    |  |
| other (wound & unspecified)                              | —            | 12       | 1                      | 48                                      | 31   | 30   | 33    | 21    |  |
| Brucellosis  | 5            | 66       | 3                      | 121                                     | 120  | 114  | 104   | 125   | MN (4), CA (1)                                   |
| Chancroid  | —            | 15       | 1                      | 33                                      | 17   | 30   | 54    | 67    |  |
| Cholera  | —            | —        | 0                      | 9                                       | 8    | 5    | 2     | 2     |  |
| Cyclosporiasis§  | 3            | 60       | 6                      | 136                                     | 543  | 171  | 75    | 156   | PA (1), IN (1), FL (1)                           |
| Diphtheria   | —            | —        | —                      | —                                       | —    | —    | 1     | 1     |  |
| Domestic arboviral diseases§¶:                           |              |          |                        |   |      |      |       |       |  |
| California serogroup                                     | —            | 4        | 6                      | 67                                      | 80   | 112  | 108   | 164   |  |
| eastern equine   | —            | —        | 1                      | 8                                       | 21   | 6    | 14    | 10    |  |
| Powassan   | —            | —        | 0                      | 1                                       | 1    | 1    | —     | 1     |  |
| St. Louis  | —            | 2        | 1                      | 10                                      | 13   | 12   | 41    | 28    |  |
| western equine   | —            | —        | —                      | —                                       | —    | —    | —     | —     |  |
| Ehrlichiosis§:   |              |          |                        |   |      |      |       |       |  |
| human granulocytic                                       | 9            | 139      | 21                     | 646                                     | 786  | 537  | 362   | 511   | NY (3), MN (6)                                   |
| human monocytic  | 7            | 187      | 15                     | 578                                     | 506  | 338  | 321   | 216   | NC (2), GA (2), FL (2), AR (1)                   |
| human (other & unspecified)                              | 1            | 62       | 4                      | 231                                     | 112  | 59   | 44    | 23    | NC (1)   |
| <i>Haemophilus influenzae</i> **,                        |              |          |                        |   |      |      |       |       |  |
| invasive disease (age <5 yrs):                           |              |          |                        |   |      |      |       |       |  |
| serotype b   | 1            | 8        | 0                      | 29                                      | 9    | 19   | 32    | 34    | WA (1)   |
| nonserotype b  | 1            | 54       | 2                      | 175                                     | 135  | 135  | 117   | 144   | NV (1)   |
| unknown serotype   | 3            | 161      | 3                      | 179                                     | 217  | 177  | 227   | 153   | NY (1), PA (1), FL (1)                           |
| Hansen disease§  | —            | 31       | 2                      | 66                                      | 87   | 105  | 95    | 96    |  |
| Hantavirus pulmonary syndrome§                           | 1            | 16       | 1                      | 40                                      | 26   | 24   | 26    | 19    | AZ (1)   |
| Hemolytic uremic syndrome, postdiarrheal§                | 6            | 96       | 6                      | 288                                     | 221  | 200  | 178   | 216   | MI (1), TN (1), UT (2), CA (2)                   |
| Hepatitis C viral, acute                                 | 7            | 376      | 21                     | 802                                     | 652  | 713  | 1,102 | 1,835 | MI (1), NC (1), GA (1), OK (3), WA (1)           |
| HIV infection, pediatric (age <13 yrs)††                 | —            | —        | 4                      | 52                                      | 380  | 436  | 504   | 420   |  |
| Influenza-associated pediatric mortality§,§§             | 3            | 71       | 0                      | 41                                      | 45   | —    | N     | N     | NYC (2), VA (1)                                  |
| Listeriosis  | 7            | 326      | 21                     | 875                                     | 896  | 753  | 696   | 665   | NY (2), NYC (1), OH (1), MN (1), TN (1), OR (1)  |
| Measles¶¶  | —            | 21       | 1                      | 55                                      | 66   | 37   | 56    | 44    |  |
| Meningococcal disease, invasive***:                      |              |          |                        |   |      |      |       |       |  |
| A, C, Y, & W-135   | 2            | 167      | 4                      | 311                                     | 297  | —    | —     | —     | TX (1), WA (1)                                   |
| serogroup B  | —            | 75       | 2                      | 190                                     | 156  | —    | —     | —     |  |
| other serogroup  | —            | 13       | 1                      | 31                                      | 27   | —    | —     | —     |  |
| unknown serogroup  | 3            | 387      | 9                      | 648                                     | 765  | —    | —     | —     | MA (1), NYC (1), WV (1)                          |
| Mumps  | 6            | 518      | 12                     | 6,584                                   | 314  | 258  | 231   | 270   | OH (1), SC (1), ID (1), WA (3)                   |
| 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§   | —            | 2        | 0                      | 21                                      | 16   | 12   | 12    | 18    |  |
| Q fever§   | 2            | 106      | 2                      | 169                                     | 136  | 70   | 71    | 61    | MI (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§                      | —            | 67       | 1                      | 125                                     | 129  | 132  | 161   | 118   |  |
| Syphilis, congenital (age <1 yr)                         | 1            | 204      | 7                      | 380                                     | 329  | 353  | 413   | 412   | NC (1)   |
| Tetanus  | —            | 7        | 1                      | 41                                      | 27   | 34   | 20    | 25    |  |
| Toxic-shock syndrome (staphylococcal)§                   | 2            | 46       | 1                      | 101                                     | 90   | 95   | 133   | 109   | MI (1), CO (1)                                   |
| Trichinellosis   | —            | 4        | 0                      | 15                                      | 16   | 5    | 6     | 14    |  |
| Tularemia  | 1            | 60       | 4                      | 95                                      | 154  | 134  | 129   | 90    | NE (1)   |
| Typhoid fever  | 3            | 158      | 8                      | 353                                     | 324  | 322  | 356   | 321   | NY (1), TX (1), CO (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)§ | 6            | 126      | 6                      | N                                       | N    | N    | N     | N     | GA (1), FL (3), TN (1), CA (1)                   |
| 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. Provisional cases of selected notifiable diseases, United States, weeks ending August 4, 2007, and August 5, 2006 (31st Week)\***

| Reporting area       | Chlamydia†   |                   |        |          |          | Coccidioidomycosis |                   |     |          |          | Cryptosporidiosis |                   |     |          |          |
|----------------------|--------------|-------------------|--------|----------|----------|--------------------|-------------------|-----|----------|----------|-------------------|-------------------|-----|----------|----------|
|                      | 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> | 10,680       | 20,604            | 25,327 | 593,150  | 596,503  | 72                 | 126               | 658 | 3,819    | 5,151    | 164               | 73                | 319 | 2,053    | 1,925    |
| <b>New England</b>   | 609          | 691               | 1,357  | 20,241   | 18,810   | —                  | 0                 | 1   | 1        | —        | 1                 | 4                 | 27  | 105      | 153      |
| Connecticut          | 214          | 206               | 829    | 5,939    | 5,579    | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 14  | 14       | 38       |
| Maine§               | —            | 50                | 74     | 1,422    | 1,299    | —                  | 0                 | 0   | —        | —        | 1                 | 1                 | 6   | 17       | 18       |
| Massachusetts        | 323          | 310               | 600    | 9,404    | 8,153    | —                  | 0                 | 0   | —        | —        | —                 | 1                 | 19  | 33       | 56       |
| New Hampshire        | 4            | 38                | 70     | 1,145    | 1,099    | —                  | 0                 | 1   | 1        | —        | —                 | 1                 | 4   | 22       | 18       |
| Rhode Island§        | 67           | 63                | 108    | 1,863    | 1,961    | —                  | 0                 | 0   | —        | —        | —                 | 0                 | 5   | 6        | 3        |
| Vermont§             | 1            | 19                | 45     | 468      | 719      | N                  | 0                 | 0   | N        | N        | —                 | 1                 | 4   | 13       | 20       |
| <b>Mid. Atlantic</b> | 1,398        | 2,690             | 4,284  | 83,557   | 72,904   | —                  | 0                 | 0   | —        | —        | 30                | 10                | 46  | 303      | 297      |
| New Jersey           | —            | 412               | 541    | 11,347   | 11,514   | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 5   | 9        | 20       |
| New York (Upstate)   | 415          | 505               | 2,758  | 15,087   | 13,958   | N                  | 0                 | 0   | N        | N        | 10                | 3                 | 14  | 78       | 66       |
| New York City        | 540          | 869               | 1,687  | 26,931   | 24,095   | N                  | 0                 | 0   | N        | N        | —                 | 1                 | 10  | 37       | 78       |
| Pennsylvania         | 443          | 822               | 1,797  | 30,192   | 23,337   | N                  | 0                 | 0   | N        | N        | 20                | 4                 | 42  | 179      | 133      |
| <b>E.N. Central</b>  | 1,789        | 3,142             | 6,301  | 98,505   | 100,034  | —                  | 1                 | 3   | 17       | 29       | 19                | 16                | 110 | 419      | 458      |
| Illinois             | 692          | 1,013             | 1,327  | 28,128   | 31,905   | —                  | 0                 | 0   | —        | —        | —                 | 2                 | 22  | 38       | 71       |
| Indiana              | 448          | 385               | 644    | 12,180   | 11,982   | —                  | 0                 | 0   | —        | —        | 6                 | 1                 | 18  | 40       | 34       |
| Michigan             | 320          | 732               | 1,225  | 21,196   | 19,343   | —                  | 0                 | 3   | 12       | 25       | —                 | 3                 | 10  | 83       | 69       |
| Ohio                 | 77           | 635               | 3,653  | 25,662   | 24,510   | —                  | 0                 | 2   | 5        | 4        | 12                | 5                 | 33  | 123      | 115      |
| Wisconsin            | 252          | 374               | 528    | 11,339   | 12,294   | N                  | 0                 | 0   | N        | N        | 1                 | 5                 | 53  | 135      | 169      |
| <b>W.N. Central</b>  | 793          | 1,206             | 1,448  | 34,878   | 36,184   | —                  | 0                 | 54  | 3        | —        | 35                | 11                | 77  | 337      | 304      |
| Iowa                 | 154          | 162               | 250    | 5,110    | 4,932    | N                  | 0                 | 0   | N        | N        | 14                | 2                 | 28  | 95       | 51       |
| Kansas               | 182          | 149               | 294    | 4,886    | 4,763    | N                  | 0                 | 0   | N        | N        | 4                 | 1                 | 8   | 41       | 33       |
| Minnesota            | —            | 238               | 314    | 5,960    | 7,565    | —                  | 0                 | 54  | —        | —        | 4                 | 2                 | 25  | 66       | 96       |
| Missouri             | 267          | 454               | 628    | 13,430   | 13,357   | —                  | 0                 | 1   | 3        | —        | —                 | 1                 | 21  | 38       | 58       |
| Nebraska§            | 144          | 105               | 183    | 3,122    | 2,964    | N                  | 0                 | 0   | N        | N        | 12                | 1                 | 16  | 33       | 25       |
| North Dakota         | 7            | 31                | 69     | 883      | 1,044    | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 11  | 3        | 6        |
| South Dakota         | 39           | 49                | 84     | 1,487    | 1,559    | N                  | 0                 | 0   | N        | N        | 1                 | 2                 | 7   | 61       | 35       |
| <b>S. Atlantic</b>   | 3,229        | 3,934             | 6,760  | 115,679  | 114,859  | —                  | 0                 | 1   | 2        | 2        | 21                | 21                | 70  | 441      | 386      |
| Delaware             | 49           | 69                | 122    | 2,045    | 2,122    | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 3   | 4        | 4        |
| District of Columbia | 146          | 92                | 167    | 3,369    | 1,799    | —                  | 0                 | 0   | —        | —        | —                 | 0                 | 2   | 3        | 9        |
| Florida              | 1,146        | 1,056             | 1,651  | 32,570   | 28,746   | N                  | 0                 | 0   | N        | N        | 16                | 10                | 32  | 215      | 155      |
| Georgia              | 4            | 681               | 3,822  | 13,641   | 20,861   | N                  | 0                 | 0   | N        | N        | 2                 | 4                 | 17  | 86       | 113      |
| Maryland§            | 316          | 406               | 697    | 11,592   | 12,300   | —                  | 0                 | 1   | 2        | 2        | —                 | 0                 | 2   | 17       | 11       |
| North Carolina       | 307          | 596               | 1,233  | 16,807   | 20,298   | —                  | 0                 | 0   | —        | —        | —                 | 1                 | 11  | 46       | 44       |
| South Carolina§      | 863          | 453               | 3,030  | 19,455   | 12,958   | N                  | 0                 | 0   | N        | N        | 3                 | 1                 | 14  | 36       | 24       |
| Virginia§            | 354          | 497               | 685    | 14,480   | 14,029   | N                  | 0                 | 0   | N        | N        | —                 | 1                 | 5   | 30       | 22       |
| West Virginia        | 44           | 54                | 86     | 1,720    | 1,746    | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 3   | 4        | 4        |
| <b>E.S. Central</b>  | 614          | 1,390             | 2,044  | 39,093   | 45,703   | —                  | 0                 | 0   | —        | —        | 14                | 3                 | 15  | 107      | 73       |
| Alabama§             | 37           | 349               | 539    | 6,322    | 14,074   | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 12  | 26       | 28       |
| Kentucky             | —            | 120               | 691    | 4,252    | 5,723    | N                  | 0                 | 0   | N        | N        | 10                | 1                 | 8   | 45       | 20       |
| Mississippi          | —            | 367               | 959    | 12,080   | 11,157   | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 8   | 14       | 8        |
| Tennessee§           | 577          | 521               | 695    | 16,439   | 14,749   | N                  | 0                 | 0   | N        | N        | 4                 | 1                 | 5   | 22       | 17       |
| <b>W.S. Central</b>  | 287          | 2,206             | 3,028  | 65,484   | 66,591   | —                  | 0                 | 1   | 1        | —        | 10                | 5                 | 45  | 109      | 112      |
| Arkansas§            | —            | 164               | 337    | 4,796    | 4,561    | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 3   | 5        | 10       |
| Louisiana            | —            | 318               | 549    | 8,951    | 10,552   | —                  | 0                 | 1   | 1        | —        | —                 | 1                 | 9   | 30       | 29       |
| Oklahoma             | 287          | 266               | 470    | 7,618    | 6,665    | N                  | 0                 | 0   | N        | N        | 10                | 0                 | 9   | 31       | 22       |
| Texas§               | —            | 1,472             | 1,911  | 44,119   | 44,813   | N                  | 0                 | 0   | N        | N        | —                 | 2                 | 36  | 43       | 51       |
| <b>Mountain</b>      | 659          | 1,352             | 2,026  | 35,430   | 39,269   | 58                 | 79                | 293 | 2,184    | 3,609    | 29                | 5                 | 40  | 179      | 93       |
| Arizona              | 51           | 488               | 993    | 12,125   | 12,166   | 58                 | 74                | 293 | 2,096    | 3,517    | —                 | 0                 | 6   | 23       | 15       |
| Colorado             | 145          | 264               | 416    | 5,403    | 9,524    | N                  | 0                 | 0   | N        | N        | 4                 | 2                 | 7   | 44       | 22       |
| Idaho§               | 120          | 51                | 253    | 2,047    | 1,920    | N                  | 0                 | 0   | N        | N        | 4                 | 0                 | 5   | 13       | 7        |
| Montana§             | 17           | 51                | 82     | 1,488    | 1,526    | N                  | 0                 | 0   | N        | N        | —                 | 1                 | 26  | 20       | 18       |
| Nevada§              | 218          | 185               | 397    | 5,618    | 4,431    | —                  | 1                 | 5   | 38       | 40       | —                 | 0                 | 3   | 5        | 5        |
| New Mexico§          | —            | 163               | 396    | 4,943    | 5,955    | —                  | 0                 | 2   | 14       | 11       | —                 | 1                 | 6   | 31       | 14       |
| Utah                 | 77           | 102               | 209    | 3,070    | 2,867    | —                  | 1                 | 4   | 35       | 39       | 21                | 0                 | 7   | 33       | 6        |
| Wyoming§             | 31           | 25                | 45     | 736      | 880      | —                  | 0                 | 1   | 1        | 2        | —                 | 0                 | 11  | 10       | 6        |
| <b>Pacific</b>       | 1,302        | 3,382             | 4,362  | 100,283  | 102,149  | 14                 | 53                | 311 | 1,611    | 1,511    | 5                 | 1                 | 5   | 53       | 49       |
| Alaska               | 104          | 87                | 157    | 2,642    | 2,565    | N                  | 0                 | 0   | N        | N        | 2                 | 0                 | 1   | 3        | 3        |
| California           | 845          | 2,682             | 3,627  | 79,395   | 79,951   | 14                 | 53                | 311 | 1,611    | 1,511    | —                 | 0                 | 0   | —        | —        |
| Hawaii               | —            | 103               | 129    | 2,994    | 3,444    | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 1   | —        | 3        |
| Oregon§              | 262          | 172               | 394    | 5,451    | 5,554    | N                  | 0                 | 0   | N        | N        | 3                 | 1                 | 5   | 50       | 43       |
| Washington           | 91           | 342               | 621    | 9,801    | 10,635   | N                  | 0                 | 0   | N        | N        | —                 | 0                 | 0   | —        | —        |
| American Samoa       | U            | 0                 | 32     | 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                 | —            | 13                | 72     | 125      | 540      | —                  | 0                 | 0   | —        | —        | —                 | 0                 | 0   | —        | —        |
| Puerto Rico          | 84           | 120               | 301    | 4,318    | 2,904    | N                  | 0                 | 0   | N        | N        | N                 | 0                 | 0   | N        | N        |
| U.S. Virgin Islands  | U            | 3                 | 7      | 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. Data for HIV/AIDS, AIDS, and TB, when available, are displayed in Table IV, which appears quarterly.

† Chlamydia refers to genital infections caused by *Chlamydia trachomatis*.

§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending August 4, 2007, and August 5, 2006 (31st Week)\*

| Reporting area              | Giardiasis   |                   |       |          |          | Gonorrhea    |                   |       |          |          | <i>Haemophilus influenzae</i> , invasive<br>All ages, all serotypes <sup>†</sup> |                   |     |          |          |
|-----------------------------|--------------|-------------------|-------|----------|----------|--------------|-------------------|-------|----------|----------|--|-------------------|-----|----------|----------|
|                             | 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>        | 212          | 296               | 1,513 | 8,133    | 9,241    | 3,591        | 6,916             | 8,941 | 190,983  | 205,967  | 25   | 45                | 184 | 1,392    | 1,427    |
| <b>New England</b>          | 9            | 23                | 67    | 621      | 709      | 106          | 111               | 259   | 3,278    | 3,258    | 1  | 3                 | 19  | 111      | 102      |
| Connecticut                 | 1            | 5                 | 25    | 166      | 155      | 34           | 43                | 204   | 1,218    | 1,311    | —  | 0                 | 6   | 31       | 28       |
| Maine <sup>§</sup>          | 3            | 4                 | 12    | 85       | 68       | —            | 2                 | 8     | 68       | 73       | —  | 0                 | 2   | 7        | 11       |
| Massachusetts               | 5            | 9                 | 26    | 259      | 336      | 66           | 50                | 96    | 1,620    | 1,418    | 1  | 2                 | 6   | 57       | 48       |
| New Hampshire               | —            | 0                 | 3     | 9        | 18       | 2            | 2                 | 8     | 90       | 127      | —  | 0                 | 2   | 9        | 6        |
| Rhode Island <sup>§</sup>   | —            | 0                 | 17    | 31       | 50       | 4            | 9                 | 19    | 249      | 288      | —  | 0                 | 10  | 6        | 2        |
| Vermont <sup>§</sup>        | —            | 3                 | 12    | 71       | 82       | —            | 1                 | 5     | 33       | 41       | —  | 0                 | 1   | 1        | 7        |
| <b>Mid. Atlantic</b>        | 34           | 57                | 127   | 1,487    | 1,855    | 416          | 713               | 1,537 | 21,774   | 19,217   | 7  | 10                | 27  | 297      | 295      |
| New Jersey                  | —            | 7                 | 17    | 142      | 280      | —            | 115               | 160   | 3,267    | 3,080    | —  | 1                 | 5   | 36       | 53       |
| New York (Upstate)          | 30           | 24                | 108   | 545      | 619      | 97           | 113               | 1,035 | 3,594    | 3,597    | 3  | 3                 | 15  | 85       | 89       |
| New York City               | 1            | 16                | 32    | 458      | 543      | 160          | 193               | 376   | 5,741    | 5,945    | —  | 2                 | 6   | 59       | 55       |
| Pennsylvania                | 3            | 14                | 34    | 342      | 413      | 159          | 250               | 613   | 9,172    | 6,595    | 4  | 3                 | 10  | 117      | 98       |
| <b>E.N. Central</b>         | 34           | 44                | 100   | 1,140    | 1,460    | 644          | 1,258             | 2,609 | 39,075   | 40,757   | 2  | 6                 | 15  | 157      | 242      |
| Illinois                    | —            | 10                | 30    | 238      | 372      | 252          | 361               | 501   | 10,161   | 11,859   | —  | 1                 | 6   | 34       | 73       |
| Indiana                     | N            | 0                 | 0     | N        | N        | 159          | 158               | 306   | 5,073    | 5,190    | —  | 1                 | 10  | 32       | 50       |
| Michigan                    | 6            | 14                | 38    | 333      | 386      | 104          | 296               | 880   | 8,781    | 7,820    | —  | 0                 | 5   | 15       | 22       |
| Ohio                        | 28           | 15                | 32    | 409      | 416      | 28           | 266               | 1,569 | 11,123   | 11,817   | 2  | 2                 | 5   | 68       | 50       |
| Wisconsin                   | —            | 8                 | 27    | 160      | 286      | 101          | 131               | 181   | 3,937    | 4,071    | —  | 0                 | 4   | 8        | 47       |
| <b>W.N. Central</b>         | 11           | 20                | 553   | 472      | 1,056    | 249          | 386               | 512   | 11,227   | 11,207   | 2  | 3                 | 24  | 82       | 75       |
| Iowa                        | 2            | 5                 | 16    | 109      | 147      | 32           | 39                | 62    | 1,106    | 1,045    | —  | 0                 | 1   | 1        | —        |
| Kansas                      | 7            | 3                 | 11    | 81       | 103      | 70           | 43                | 86    | 1,382    | 1,334    | —  | 0                 | 2   | 8        | 13       |
| Minnesota                   | —            | 0                 | 514   | 12       | 414      | —            | 61                | 87    | 1,577    | 1,882    | 2  | 1                 | 17  | 35       | 36       |
| Missouri                    | —            | 7                 | 28    | 179      | 278      | 95           | 202               | 266   | 6,075    | 5,907    | —  | 1                 | 5   | 26       | 19       |
| Nebraska <sup>§</sup>       | 1            | 2                 | 9     | 49       | 54       | 46           | 29                | 57    | 885      | 751      | —  | 0                 | 2   | 11       | 4        |
| North Dakota                | —            | 0                 | 16    | 11       | 10       | 1            | 2                 | 7     | 54       | 67       | —  | 0                 | 2   | 1        | 3        |
| South Dakota                | 1            | 1                 | 6     | 31       | 50       | 5            | 6                 | 15    | 148      | 221      | —  | 0                 | 0   | —        | —        |
| <b>S. Atlantic</b>          | 66           | 56                | 106   | 1,479    | 1,380    | 1,319        | 1,653             | 3,209 | 45,226   | 50,843   | 10   | 11                | 34  | 365      | 369      |
| Delaware                    | —            | 1                 | 3     | 22       | 22       | 28           | 28                | 44    | 827      | 870      | —  | 0                 | 3   | 5        | 1        |
| District of Columbia        | —            | 1                 | 7     | 34       | 40       | 44           | 42                | 72    | 1,362    | 1,041    | —  | 0                 | 2   | 3        | 2        |
| Florida                     | 39           | 24                | 44    | 681      | 559      | 452          | 474               | 717   | 13,646   | 14,177   | 6  | 3                 | 8   | 107      | 116      |
| Georgia                     | 13           | 12                | 31    | 311      | 330      | 2            | 324               | 2,068 | 5,679    | 9,857    | 2  | 2                 | 7   | 71       | 78       |
| Maryland <sup>§</sup>       | 8            | 5                 | 12    | 136      | 115      | 116          | 131               | 227   | 3,667    | 4,252    | 1  | 2                 | 6   | 59       | 47       |
| North Carolina              | —            | 0                 | 0     | —        | —        | 166          | 303               | 675   | 7,886    | 10,455   | —  | 1                 | 9   | 43       | 41       |
| South Carolina <sup>§</sup> | 3            | 1                 | 8     | 46       | 60       | 425          | 194               | 1,361 | 8,275    | 6,023    | —  | 1                 | 4   | 33       | 26       |
| Virginia <sup>§</sup>       | 3            | 9                 | 28    | 230      | 240      | 71           | 123               | 236   | 3,380    | 3,692    | —  | 1                 | 6   | 28       | 43       |
| West Virginia               | —            | 0                 | 21    | 19       | 14       | 15           | 18                | 44    | 504      | 476      | 1  | 0                 | 6   | 16       | 15       |
| <b>E.S. Central</b>         | 4            | 9                 | 21    | 261      | 240      | 218          | 542               | 879   | 14,784   | 18,399   | —  | 2                 | 9   | 83       | 78       |
| Alabama <sup>§</sup>        | —            | 4                 | 16    | 131      | 114      | 15           | 159               | 271   | 2,834    | 6,543    | —  | 0                 | 3   | 18       | 17       |
| Kentucky                    | N            | 0                 | 0     | N        | N        | —            | 47                | 268   | 1,607    | 2,013    | —  | 0                 | 1   | 2        | 4        |
| Mississippi                 | N            | 0                 | 0     | N        | N        | —            | 152               | 434   | 4,525    | 4,179    | —  | 0                 | 1   | 6        | 10       |
| Tennessee <sup>§</sup>      | 4            | 5                 | 14    | 130      | 126      | 203          | 194               | 240   | 5,818    | 5,664    | —  | 2                 | 6   | 57       | 47       |
| <b>W.S. Central</b>         | 5            | 7                 | 55    | 182      | 162      | 116          | 934               | 1,490 | 26,999   | 29,105   | 1  | 2                 | 34  | 69       | 58       |
| Arkansas <sup>§</sup>       | 2            | 3                 | 13    | 66       | 53       | —            | 79                | 142   | 2,284    | 2,492    | —  | 0                 | 2   | 5        | 8        |
| Louisiana                   | —            | 1                 | 6     | 45       | 50       | —            | 203               | 312   | 5,452    | 6,285    | —  | 0                 | 3   | 5        | 12       |
| Oklahoma                    | 3            | 3                 | 42    | 71       | 59       | 116          | 95                | 236   | 2,848    | 2,502    | 1  | 1                 | 29  | 56       | 34       |
| Texas <sup>§</sup>          | N            | 0                 | 0     | N        | N        | —            | 571               | 938   | 16,415   | 17,826   | —  | 0                 | 3   | 3        | 4        |
| <b>Mountain</b>             | 20           | 30                | 67    | 810      | 849      | 170          | 274               | 454   | 6,901    | 8,631    | 1  | 4                 | 11  | 150      | 143      |
| Arizona                     | —            | 3                 | 11    | 95       | 85       | 25           | 107               | 220   | 2,564    | 2,946    | —  | 2                 | 6   | 51       | 59       |
| Colorado                    | 8            | 10                | 26    | 264      | 276      | 60           | 60                | 93    | 1,367    | 2,181    | —  | 1                 | 4   | 39       | 36       |
| Idaho <sup>§</sup>          | 4            | 3                 | 12    | 85       | 97       | 14           | 3                 | 20    | 142      | 109      | —  | 0                 | 1   | 4        | 3        |
| Montana <sup>§</sup>        | —            | 2                 | 10    | 53       | 40       | 1            | 2                 | 8     | 50       | 122      | —  | 0                 | 0   | —        | —        |
| Nevada <sup>§</sup>         | 4            | 2                 | 8     | 69       | 70       | 58           | 49                | 135   | 1,388    | 1,585    | 1  | 0                 | 2   | 9        | 9        |
| New Mexico <sup>§</sup>     | —            | 2                 | 6     | 53       | 41       | —            | 30                | 52    | 882      | 1,103    | —  | 0                 | 3   | 22       | 20       |
| Utah                        | 4            | 7                 | 27    | 169      | 225      | 10           | 17                | 34    | 461      | 504      | —  | 0                 | 3   | 23       | 13       |
| Wyoming <sup>§</sup>        | —            | 1                 | 4     | 22       | 15       | 2            | 2                 | 5     | 47       | 81       | —  | 0                 | 1   | 2        | 3        |
| <b>Pacific</b>              | 29           | 59                | 558   | 1,681    | 1,530    | 353          | 738               | 935   | 21,719   | 24,550   | 1  | 2                 | 16  | 78       | 65       |
| Alaska                      | 1            | 2                 | 17    | 37       | 27       | 15           | 10                | 27    | 274      | 331      | —  | 0                 | 2   | 6        | 8        |
| California                  | 12           | 43                | 93    | 1,138    | 1,238    | 294          | 615               | 804   | 18,554   | 20,166   | —  | 0                 | 10  | 20       | 20       |
| Hawaii                      | 1            | 1                 | 4     | 42       | 34       | —            | 13                | 25    | 358      | 607      | —  | 0                 | 2   | 6        | 12       |
| Oregon <sup>§</sup>         | 2            | 8                 | 14    | 220      | 231      | 31           | 24                | 46    | 627      | 875      | —  | 1                 | 6   | 44       | 25       |
| Washington                  | 13           | 3                 | 449   | 244      | —        | 13           | 69                | 142   | 1,906    | 2,571    | 1  | 0                 | 5   | 2        | —        |
| American Samoa              | U            | 0                 | 0     | U        | U        | U            | 0                 | 2     | U        | U        | U  | 0                 | 0   | U        | U        |
| C.N.M.I.                    | U            | —                 | —     | U        | U        | U            | —                 | —     | U        | U        | U  | —                 | —   | U        | U        |
| Guam                        | —            | 0                 | 0     | —        | —        | —            | 1                 | 7     | 20       | 62       | —  | 0                 | 0   | —        | 1        |
| Puerto Rico                 | —            | 6                 | 19    | 126      | 88       | 4            | 6                 | 16    | 196      | 186      | —  | 0                 | 2   | 2        | 1        |
| U.S. Virgin Islands         | U            | 0                 | 0     | U        | U        | U            | 1                 | 3     | 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.

<sup>†</sup> Data for *H. influenzae* (age <5 yrs for serotype b, nonserotype b, and unknown serotype) are available in Table I.<sup>§</sup> 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 4, 2007, and August 5, 2006 (31st Week)\***

| Reporting area              | Hepatitis (viral, acute), by type <sup>†</sup> |                   |     |          |          |              |                   |     |          |          | Legionellosis |                   |     |          |          |
|-----------------------------|--|-------------------|-----|----------|----------|--------------|-------------------|-----|----------|----------|---------------|-------------------|-----|----------|----------|
|                             | A  |                   |     |          |          | B            |                   |     |          |          |               |                   |     |          |          |
|                             | 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>        | 23   | 54                | 201 | 1,490    | 2,059    | 26           | 77                | 405 | 2,206    | 2,535    | 24            | 39                | 109 | 985      | 1,248    |
| <b>New England</b>          | 1  | 2                 | 6   | 58       | 117      | —            | 2                 | 5   | 37       | 69       | 1             | 2                 | 13  | 53       | 79       |
| Connecticut                 | —  | 0                 | 3   | 9        | 23       | —            | 0                 | 5   | 20       | 29       | —             | 0                 | 9   | 14       | 17       |
| Maine <sup>§</sup>          | 1  | 0                 | 1   | 2        | 7        | —            | 0                 | 2   | 2        | 15       | 1             | 0                 | 2   | 2        | 3        |
| Massachusetts               | —  | 1                 | 4   | 26       | 57       | —            | 0                 | 2   | 3        | 13       | —             | 1                 | 5   | 14       | 40       |
| New Hampshire               | —  | 0                 | 3   | 10       | 18       | —            | 0                 | 1   | 4        | 7        | —             | 0                 | 2   | 1        | 7        |
| Rhode Island <sup>§</sup>   | —  | 0                 | 2   | 8        | 6        | —            | 0                 | 4   | 7        | 4        | —             | 0                 | 6   | 18       | 9        |
| Vermont <sup>§</sup>        | —  | 0                 | 1   | 3        | 6        | —            | 0                 | 1   | 1        | 1        | —             | 0                 | 2   | 4        | 3        |
| <b>Mid. Atlantic</b>        | 2  | 7                 | 20  | 208      | 222      | 1            | 9                 | 21  | 259      | 321      | 6             | 12                | 55  | 283      | 428      |
| New Jersey                  | —  | 1                 | 5   | 42       | 70       | —            | 2                 | 7   | 51       | 100      | —             | 1                 | 10  | 21       | 56       |
| New York (Upstate)          | 2  | 1                 | 11  | 43       | 47       | 1            | 1                 | 13  | 51       | 42       | 5             | 5                 | 30  | 93       | 143      |
| New York City               | —  | 2                 | 10  | 75       | 66       | —            | 2                 | 6   | 55       | 75       | —             | 2                 | 24  | 41       | 71       |
| Pennsylvania                | —  | 1                 | 5   | 48       | 39       | —            | 3                 | 8   | 102      | 104      | 1             | 5                 | 19  | 128      | 158      |
| <b>E.N. Central</b>         | 3  | 6                 | 17  | 145      | 178      | 2            | 9                 | 23  | 246      | 294      | 5             | 8                 | 31  | 184      | 265      |
| Illinois                    | —  | 2                 | 7   | 48       | 47       | —            | 2                 | 6   | 62       | 88       | —             | 0                 | 13  | 1        | 53       |
| Indiana                     | —  | 0                 | 7   | 6        | 15       | 1            | 0                 | 21  | 27       | 27       | 2             | 1                 | 6   | 17       | 22       |
| Michigan                    | 1  | 2                 | 8   | 43       | 56       | —            | 2                 | 8   | 65       | 87       | 2             | 3                 | 10  | 75       | 58       |
| Ohio                        | 2  | 1                 | 4   | 41       | 39       | 1            | 2                 | 10  | 81       | 68       | 1             | 3                 | 14  | 83       | 105      |
| Wisconsin                   | —  | 0                 | 4   | 7        | 21       | —            | 0                 | 3   | 11       | 24       | —             | 0                 | 3   | 8        | 27       |
| <b>W.N. Central</b>         | —  | 2                 | 18  | 97       | 85       | —            | 2                 | 15  | 70       | 87       | 3             | 1                 | 16  | 44       | 34       |
| Iowa                        | —  | 0                 | 4   | 23       | 7        | —            | 0                 | 3   | 12       | 13       | —             | 0                 | 2   | 6        | 7        |
| Kansas                      | —  | 0                 | 1   | 2        | 22       | —            | 0                 | 1   | 5        | 8        | —             | 0                 | 3   | 2        | 1        |
| Minnesota                   | —  | 0                 | 17  | 46       | 9        | —            | 0                 | 13  | 13       | 10       | 3             | 0                 | 11  | 14       | —        |
| Missouri                    | —  | 0                 | 2   | 14       | 28       | —            | 1                 | 5   | 31       | 47       | —             | 0                 | 2   | 16       | 15       |
| Nebraska <sup>§</sup>       | —  | 0                 | 2   | 7        | 11       | —            | 0                 | 3   | 7        | 6        | —             | 0                 | 1   | 3        | 7        |
| North Dakota                | —  | 0                 | 3   | —        | —        | —            | 0                 | 1   | —        | —        | —             | 0                 | 1   | —        | —        |
| South Dakota                | —  | 0                 | 1   | 5        | 8        | —            | 0                 | 1   | 2        | 3        | —             | 0                 | 1   | 3        | 4        |
| <b>S. Atlantic</b>          | 5  | 11                | 27  | 289      | 295      | 12           | 20                | 56  | 585      | 705      | 4             | 8                 | 25  | 193      | 234      |
| Delaware                    | —  | 0                 | 1   | 3        | 10       | —            | 0                 | 3   | 8        | 30       | —             | 0                 | 2   | 5        | 7        |
| District of Columbia        | —  | 0                 | 5   | 14       | 2        | —            | 0                 | 2   | 1        | 5        | —             | 0                 | 5   | 1        | 9        |
| Florida                     | 1  | 3                 | 11  | 82       | 115      | 5            | 7                 | 14  | 218      | 243      | 3             | 2                 | 9   | 81       | 88       |
| Georgia                     | —  | 1                 | 4   | 39       | 36       | 2            | 3                 | 10  | 65       | 119      | —             | 1                 | 2   | 14       | 15       |
| Maryland <sup>§</sup>       | 2  | 1                 | 6   | 47       | 33       | —            | 2                 | 7   | 58       | 94       | —             | 1                 | 8   | 35       | 52       |
| North Carolina              | —  | 0                 | 11  | 34       | 53       | 2            | 0                 | 16  | 79       | 91       | 1             | 1                 | 4   | 25       | 20       |
| South Carolina <sup>§</sup> | 1  | 0                 | 3   | 8        | 11       | 2            | 2                 | 5   | 42       | 51       | —             | 0                 | 2   | 9        | 3        |
| Virginia <sup>§</sup>       | 1  | 1                 | 5   | 58       | 31       | 1            | 2                 | 8   | 85       | 32       | —             | 1                 | 4   | 20       | 33       |
| West Virginia               | —  | 0                 | 1   | 4        | 4        | —            | 0                 | 23  | 29       | 40       | —             | 0                 | 4   | 3        | 7        |
| <b>E.S. Central</b>         | 1  | 2                 | 7   | 58       | 78       | —            | 6                 | 17  | 185      | 196      | 1             | 2                 | 7   | 57       | 51       |
| Alabama <sup>§</sup>        | —  | 0                 | 2   | 10       | 9        | —            | 2                 | 10  | 64       | 62       | —             | 0                 | 1   | 6        | 7        |
| Kentucky                    | 1  | 0                 | 2   | 11       | 28       | —            | 1                 | 7   | 35       | 43       | 1             | 1                 | 6   | 27       | 15       |
| Mississippi                 | —  | 0                 | 4   | 6        | 5        | —            | 0                 | 8   | 14       | 8        | —             | 0                 | 2   | —        | 1        |
| Tennessee <sup>§</sup>      | —  | 1                 | 5   | 31       | 36       | —            | 3                 | 8   | 72       | 83       | —             | 1                 | 4   | 24       | 28       |
| <b>W.S. Central</b>         | —  | 6                 | 43  | 101      | 204      | 5            | 18                | 169 | 427      | 482      | 1             | 1                 | 16  | 48       | 42       |
| Arkansas <sup>§</sup>       | —  | 0                 | 2   | 6        | 38       | —            | 1                 | 7   | 25       | 40       | —             | 0                 | 2   | 3        | 2        |
| Louisiana                   | —  | 1                 | 4   | 18       | 12       | —            | 1                 | 4   | 41       | 40       | —             | 0                 | 2   | 2        | 8        |
| Oklahoma                    | —  | 0                 | 3   | 3        | 4        | —            | 1                 | 24  | 20       | 18       | —             | 0                 | 6   | 2        | 1        |
| Texas <sup>§</sup>          | —  | 4                 | 39  | 74       | 150      | 5            | 14                | 135 | 341      | 384      | 1             | 1                 | 13  | 41       | 31       |
| <b>Mountain</b>             | 4  | 5                 | 15  | 140      | 167      | 3            | 3                 | 9   | 112      | 82       | —             | 2                 | 8   | 52       | 62       |
| Arizona                     | 2  | 3                 | 11  | 97       | 94       | —            | 0                 | 3   | 39       | —        | —             | 0                 | 4   | 12       | 20       |
| Colorado                    | 1  | 1                 | 3   | 19       | 26       | —            | 0                 | 2   | 19       | 27       | —             | 0                 | 2   | 11       | 12       |
| Idaho <sup>§</sup>          | —  | 0                 | 1   | 2        | 7        | 1            | 0                 | 2   | 8        | 7        | —             | 0                 | 3   | 4        | 6        |
| Montana <sup>§</sup>        | —  | 0                 | 3   | 6        | 6        | —            | 0                 | 3   | —        | —        | —             | 0                 | 1   | 3        | 3        |
| Nevada <sup>§</sup>         | —  | 0                 | 2   | 7        | 8        | 1            | 1                 | 5   | 26       | 19       | —             | 0                 | 2   | 6        | 4        |
| New Mexico <sup>§</sup>     | —  | 0                 | 2   | 4        | 12       | —            | 0                 | 2   | 7        | 12       | —             | 0                 | 2   | 5        | 2        |
| Utah                        | 1  | 0                 | 1   | 3        | 12       | 1            | 0                 | 4   | 13       | 17       | —             | 0                 | 2   | 8        | 15       |
| Wyoming <sup>§</sup>        | —  | 0                 | 1   | 2        | 2        | —            | 0                 | 1   | —        | —        | —             | 0                 | 1   | 3        | —        |
| <b>Pacific</b>              | 7  | 13                | 92  | 394      | 713      | 3            | 10                | 106 | 285      | 299      | 3             | 2                 | 11  | 71       | 53       |
| Alaska                      | —  | 0                 | 1   | 2        | 1        | —            | 0                 | 3   | 4        | 3        | —             | 0                 | 1   | —        | —        |
| California                  | 5  | 11                | 40  | 349      | 678      | —            | 7                 | 31  | 209      | 244      | 2             | 1                 | 11  | 53       | 53       |
| Hawaii                      | —  | 0                 | 1   | 3        | 9        | —            | 0                 | 1   | 1        | 5        | —             | 0                 | 1   | 1        | —        |
| Oregon <sup>§</sup>         | —  | 1                 | 3   | 16       | 25       | —            | 1                 | 5   | 40       | 47       | —             | 0                 | 1   | 5        | —        |
| Washington                  | 2  | 0                 | 52  | 24       | —        | 3            | 0                 | 74  | 31       | —        | 1             | 0                 | 2   | 12       | —        |
| 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   | —        | —        | —            | 0                 | 0   | —        | —        | —             | 0                 | 0   | —        | —        |
| Puerto Rico                 | 1  | 1                 | 10  | 38       | 30       | —            | 1                 | 9   | 39       | 36       | —             | 0                 | 2   | 3        | 1        |
| 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.

<sup>†</sup> Data for acute hepatitis C, viral are available in Table I.

<sup>§</sup> 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 4, 2007, and August 5, 2006 (31st 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> | 398          | 227               | 981 | 7,994    | 11,076   | 24           | 23                | 105 | 570      | 800      | 5  | 19                | 87  | 642      | 745      |
| <b>New England</b>   | 92           | 39                | 254 | 1,459    | 2,625    | —            | 1                 | 5   | 27       | 38       | 1  | 1                 | 3   | 32       | 26       |
| Connecticut          | 78           | 12                | 214 | 939      | 950      | —            | 0                 | 3   | 1        | 10       | —  | 0                 | 1   | 6        | 9        |
| Maine§               | 6            | 3                 | 38  | 107      | 50       | —            | 0                 | 1   | 3        | 3        | —  | 0                 | 3   | 5        | 2        |
| Massachusetts        | —            | 1                 | 60  | 17       | 1,123    | —            | 0                 | 3   | 16       | 17       | 1  | 0                 | 2   | 17       | 12       |
| New Hampshire        | 4            | 7                 | 38  | 325      | 463      | —            | 0                 | 4   | 6        | 7        | —  | 0                 | 1   | —        | 1        |
| Rhode Island§        | —            | 0                 | 93  | 3        | 1        | —            | 0                 | 1   | —        | —        | —  | 0                 | 1   | 1        | —        |
| Vermont§             | 4            | 1                 | 16  | 68       | 38       | —            | 0                 | 1   | 1        | 1        | —  | 0                 | 1   | 3        | 2        |
| <b>Mid. Atlantic</b> | 236          | 116               | 560 | 4,140    | 5,521    | 2            | 5                 | 18  | 128      | 197      | 1  | 2                 | 8   | 84       | 123      |
| New Jersey           | —            | 25                | 112 | 611      | 1,800    | —            | 0                 | 5   | —        | 61       | —  | 0                 | 2   | 1        | 12       |
| New York (Upstate)   | 198          | 50                | 426 | 1,497    | 1,567    | —            | 1                 | 7   | 34       | 19       | —  | 1                 | 3   | 25       | 28       |
| New York City        | 1            | 2                 | 22  | 35       | 181      | —            | 3                 | 8   | 77       | 93       | 1  | 0                 | 4   | 24       | 47       |
| Pennsylvania         | 37           | 44                | 213 | 1,997    | 1,973    | 2            | 1                 | 4   | 17       | 24       | —  | 1                 | 5   | 34       | 36       |
| <b>E.N. Central</b>  | 3            | 5                 | 72  | 131      | 1,360    | 1            | 2                 | 10  | 60       | 88       | —  | 3                 | 9   | 84       | 108      |
| Illinois             | —            | 0                 | 4   | 11       | 89       | —            | 1                 | 6   | 25       | 43       | —  | 0                 | 3   | 24       | 29       |
| Indiana              | 2            | 0                 | 4   | 18       | 12       | —            | 0                 | 2   | 5        | 8        | —  | 0                 | 4   | 15       | 14       |
| Michigan             | 1            | 1                 | 6   | 24       | 27       | —            | 0                 | 2   | 9        | 13       | —  | 0                 | 3   | 16       | 18       |
| Ohio                 | —            | 0                 | 5   | 8        | 31       | 1            | 0                 | 2   | 14       | 18       | —  | 1                 | 3   | 23       | 31       |
| Wisconsin            | —            | 3                 | 58  | 70       | 1,201    | —            | 0                 | 3   | 7        | 6        | —  | 0                 | 3   | 6        | 16       |
| <b>W.N. Central</b>  | 17           | 4                 | 195 | 221      | 263      | 1            | 0                 | 12  | 22       | 29       | —  | 1                 | 5   | 39       | 43       |
| Iowa                 | —            | 1                 | 9   | 48       | 77       | —            | 0                 | 1   | 2        | 1        | —  | 0                 | 3   | 10       | 10       |
| Kansas               | —            | 0                 | 2   | 10       | 3        | 1            | 0                 | 1   | 2        | 5        | —  | 0                 | 1   | 1        | 1        |
| Minnesota            | 17           | 1                 | 188 | 145      | 173      | —            | 0                 | 12  | 11       | 14       | —  | 0                 | 3   | 11       | 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         | —            | 0                 | 7   | —        | —        | —            | 0                 | 1   | —        | 1        | —  | 0                 | 3   | 2        | 1        |
| South Dakota         | —            | 0                 | 0   | —        | 1        | —            | 0                 | 1   | 1        | 1        | —  | 0                 | 1   | 3        | 2        |
| <b>S. Atlantic</b>   | 43           | 48                | 128 | 1,889    | 1,224    | 12           | 5                 | 14  | 134      | 208      | 1  | 3                 | 11  | 103      | 127      |
| Delaware             | 6            | 9                 | 32  | 423      | 329      | —            | 0                 | 1   | 3        | 5        | —  | 0                 | 1   | 1        | 4        |
| District of Columbia | —            | 0                 | 7   | 13       | 20       | —            | 0                 | 2   | 3        | 3        | —  | 0                 | 1   | —        | —        |
| Florida              | 5            | 1                 | 4   | 31       | 11       | 9            | 1                 | 4   | 33       | 31       | —  | 1                 | 7   | 38       | 50       |
| Georgia              | —            | 0                 | 1   | 1        | 7        | —            | 0                 | 5   | 14       | 62       | —  | 0                 | 3   | 9        | 10       |
| Maryland§            | 17           | 26                | 108 | 971      | 720      | —            | 1                 | 4   | 30       | 47       | —  | 0                 | 2   | 18       | 9        |
| North Carolina       | 3            | 0                 | 6   | 26       | 16       | 2            | 0                 | 4   | 16       | 14       | —  | 0                 | 6   | 14       | 22       |
| South Carolina§      | —            | 0                 | 2   | 13       | 7        | —            | 0                 | 1   | 5        | 8        | —  | 0                 | 2   | 10       | 14       |
| Virginia§            | 12           | 10                | 55  | 388      | 109      | 1            | 1                 | 4   | 29       | 36       | —  | 0                 | 2   | 12       | 14       |
| West Virginia        | —            | 0                 | 14  | 23       | 5        | —            | 0                 | 1   | 1        | 2        | 1  | 0                 | 2   | 1        | 4        |
| <b>E.S. Central</b>  | —            | 1                 | 4   | 30       | 17       | —            | 0                 | 3   | 22       | 17       | —  | 1                 | 4   | 34       | 28       |
| Alabama§             | —            | 0                 | 3   | 8        | 5        | —            | 0                 | 2   | 4        | 8        | —  | 0                 | 2   | 6        | 4        |
| Kentucky             | —            | 0                 | 2   | 3        | 2        | —            | 0                 | 1   | 4        | 3        | —  | 0                 | 2   | 7        | 7        |
| Mississippi          | —            | 0                 | 1   | —        | 3        | —            | 0                 | 1   | 1        | 3        | —  | 0                 | 4   | 9        | 2        |
| Tennessee§           | —            | 0                 | 3   | 19       | 7        | —            | 0                 | 2   | 13       | 3        | —  | 0                 | 2   | 12       | 15       |
| <b>W.S. Central</b>  | 2            | 1                 | 5   | 37       | 11       | —            | 2                 | 29  | 56       | 55       | 1  | 2                 | 15  | 71       | 71       |
| Arkansas§            | —            | 0                 | 0   | —        | —        | —            | 0                 | 2   | —        | 2        | —  | 0                 | 2   | 8        | 7        |
| Louisiana            | —            | 0                 | 1   | 2        | —        | —            | 0                 | 2   | 13       | 4        | —  | 0                 | 4   | 24       | 29       |
| Oklahoma             | —            | 0                 | 0   | —        | —        | —            | 0                 | 3   | 5        | 6        | —  | 0                 | 4   | 14       | 8        |
| Texas§               | 2            | 1                 | 5   | 35       | 11       | —            | 1                 | 25  | 38       | 43       | 1  | 0                 | 11  | 25       | 27       |
| <b>Mountain</b>      | 2            | 1                 | 3   | 16       | 12       | 2            | 1                 | 6   | 33       | 40       | —  | 1                 | 4   | 43       | 46       |
| Arizona              | —            | 0                 | 1   | —        | 4        | —            | 0                 | 3   | 5        | 13       | —  | 0                 | 2   | 8        | 13       |
| Colorado             | —            | 0                 | 1   | 1        | —        | —            | 0                 | 2   | 11       | 12       | —  | 0                 | 2   | 16       | 14       |
| Idaho§               | 2            | 0                 | 2   | 7        | 1        | 2            | 0                 | 1   | 2        | —        | —  | 0                 | 1   | 3        | 1        |
| Montana§             | —            | 0                 | 1   | 1        | —        | —            | 0                 | 1   | 3        | 1        | —  | 0                 | 1   | 1        | 3        |
| Nevada§              | —            | 0                 | 2   | 5        | 1        | —            | 0                 | 1   | 2        | 2        | —  | 0                 | 1   | 3        | 4        |
| New Mexico§          | —            | 0                 | 0   | —        | 3        | —            | 0                 | 1   | 1        | 4        | —  | 0                 | 1   | 2        | 2        |
| Utah                 | —            | 0                 | 1   | 2        | 2        | —            | 0                 | 3   | 9        | 8        | —  | 0                 | 2   | 8        | 5        |
| Wyoming§             | —            | 0                 | 0   | —        | 1        | —            | 0                 | 0   | —        | —        | —  | 0                 | 2   | 2        | 4        |
| <b>Pacific</b>       | 3            | 2                 | 16  | 71       | 43       | 6            | 3                 | 45  | 88       | 128      | 1  | 4                 | 48  | 152      | 173      |
| Alaska               | 1            | 0                 | 1   | 3        | 2        | —            | 0                 | 1   | 2        | 20       | —  | 0                 | 1   | 1        | 3        |
| California           | 2            | 2                 | 10  | 67       | 38       | 4            | 2                 | 6   | 58       | 94       | —  | 3                 | 10  | 108      | 136      |
| Hawaii               | N            | 0                 | 0   | N        | N        | —            | 0                 | 1   | 2        | 7        | —  | 0                 | 1   | 3        | 5        |
| Oregon§              | —            | 0                 | 1   | 1        | 3        | —            | 0                 | 3   | 12       | 7        | —  | 0                 | 3   | 24       | 29       |
| Washington           | —            | 0                 | 8   | —        | —        | 2            | 0                 | 43  | 14       | —        | 1  | 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 4, 2007, and August 5, 2006 (31st 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> | 71           | 188               | 1,479 | 4,869    | 7,963    | 60             | 93                | 171 | 2,620    | 3,097    | 68                           | 29                | 211 | 866      | 1,045    |
| <b>New England</b>   | 5            | 33                | 77    | 711      | 922      | 8              | 12                | 22  | 339      | 232      | —                            | 0                 | 10  | —        | 8        |
| Connecticut          | —            | 2                 | 10    | 26       | 58       | 4              | 5                 | 14  | 132      | 100      | —                            | 0                 | 0   | —        | —        |
| Maine†               | —            | 2                 | 15    | 38       | 39       | 1              | 2                 | 8   | 46       | 57       | —                            | 0                 | 0   | —        | —        |
| Massachusetts        | 4            | 22                | 46    | 583      | 583      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 1   | —        | 7        |
| New Hampshire        | —            | 2                 | 9     | 36       | 135      | 2              | 1                 | 4   | 31       | 22       | —                            | 0                 | 0   | —        | 1        |
| Rhode Island†        | —            | 0                 | 31    | 4        | 25       | —              | 0                 | 3   | 22       | 16       | —                            | 0                 | 9   | —        | —        |
| Vermont†             | 1            | 1                 | 9     | 24       | 82       | 1              | 2                 | 13  | 108      | 37       | —                            | 0                 | 0   | —        | —        |
| <b>Mid. Atlantic</b> | 11           | 30                | 155   | 675      | 992      | —              | 13                | 44  | 420      | 281      | 1                            | 1                 | 6   | 31       | 51       |
| New Jersey           | —            | 3                 | 16    | 65       | 182      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 3   | 1        | 26       |
| New York (Upstate)   | 11           | 16                | 146   | 359      | 391      | —              | —                 | —   | —        | —        | 1                            | 0                 | 1   | 2        | —        |
| New York City        | —            | 2                 | 6     | 68       | 59       | —              | 1                 | 5   | 28       | 13       | —                            | 0                 | 3   | 14       | 13       |
| Pennsylvania         | —            | 8                 | 20    | 183      | 360      | —              | 12                | 44  | 392      | 268      | —                            | 0                 | 3   | 14       | 12       |
| <b>E.N. Central</b>  | 9            | 38                | 80    | 912      | 1,183    | 8              | 2                 | 18  | 125      | 72       | 1                            | 0                 | 9   | 14       | 39       |
| Illinois             | —            | 5                 | 23    | 81       | 289      | 2              | 1                 | 7   | 38       | 19       | —                            | 0                 | 4   | 4        | 20       |
| Indiana              | —            | 2                 | 45    | 39       | 133      | —              | 0                 | 1   | 6        | 7        | 1                            | 0                 | 1   | 3        | 3        |
| Michigan             | —            | 8                 | 39    | 154      | 267      | 4              | 1                 | 5   | 36       | 29       | —                            | 0                 | 1   | 3        | 1        |
| Ohio                 | 9            | 15                | 54    | 439      | 353      | 2              | 0                 | 12  | 45       | 17       | —                            | 0                 | 4   | 4        | 14       |
| Wisconsin            | —            | 5                 | 24    | 199      | 141      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 0   | —        | 1        |
| <b>W.N. Central</b>  | 5            | 15                | 151   | 361      | 773      | 4              | 6                 | 17  | 165      | 181      | —                            | 3                 | 12  | 112      | 112      |
| Iowa                 | —            | 4                 | 16    | 95       | 199      | 1              | 0                 | 7   | 21       | 31       | —                            | 0                 | 1   | 6        | 4        |
| Kansas               | 4            | 3                 | 14    | 91       | 160      | 2              | 2                 | 8   | 84       | 50       | —                            | 0                 | 1   | 2        | —        |
| Minnesota            | —            | 0                 | 119   | 59       | 111      | 1              | 0                 | 5   | 17       | 26       | —                            | 0                 | 2   | 1        | 1        |
| Missouri             | —            | 3                 | 10    | 45       | 196      | —              | 1                 | 6   | 21       | 32       | —                            | 3                 | 12  | 94       | 89       |
| Nebraska†            | 1            | 1                 | 4     | 27       | 74       | —              | 0                 | 0   | —        | —        | —                            | 0                 | 2   | 7        | 18       |
| North Dakota         | —            | 0                 | 18    | 4        | 16       | —              | 0                 | 6   | 12       | 14       | —                            | 0                 | 0   | —        | —        |
| South Dakota         | —            | 0                 | 6     | 40       | 17       | —              | 0                 | 2   | 10       | 28       | —                            | 0                 | 1   | 2        | —        |
| <b>S. Atlantic</b>   | 13           | 19                | 163   | 555      | 665      | 35             | 40                | 65  | 1,191    | 1,407    | 61                           | 12                | 67  | 481      | 600      |
| Delaware             | —            | 0                 | 2     | 7        | 3        | —              | 0                 | 0   | —        | —        | —                            | 0                 | 2   | 7        | 16       |
| District of Columbia | —            | 0                 | 2     | 2        | 3        | —              | 0                 | 0   | —        | —        | —                            | 0                 | 1   | 1        | —        |
| Florida              | 2            | 4                 | 18    | 142      | 127      | —              | 0                 | 28  | 74       | 176      | —                            | 0                 | 4   | 13       | 8        |
| Georgia              | —            | 1                 | 5     | 17       | 59       | —              | 4                 | 23  | 120      | 158      | 2                            | 0                 | 5   | 13       | 31       |
| Maryland†            | —            | 2                 | 8     | 68       | 95       | 6              | 6                 | 12  | 171      | 256      | —                            | 1                 | 7   | 34       | 49       |
| North Carolina       | 9            | 2                 | 112   | 200      | 131      | 11             | 9                 | 19  | 303      | 293      | 55                           | 6                 | 61  | 316      | 430      |
| South Carolina†      | —            | 2                 | 11    | 47       | 95       | —              | 2                 | 11  | 46       | 94       | 1                            | 1                 | 7   | 34       | 20       |
| Virginia†            | 1            | 2                 | 17    | 60       | 129      | 18             | 13                | 31  | 438      | 367      | 3                            | 2                 | 12  | 61       | 45       |
| West Virginia        | 1            | 0                 | 19    | 12       | 23       | —              | 1                 | 8   | 39       | 63       | —                            | 0                 | 2   | 2        | 1        |
| <b>E.S. Central</b>  | —            | 5                 | 24    | 147      | 198      | 1              | 4                 | 11  | 98       | 152      | 1                            | 5                 | 27  | 142      | 168      |
| Alabama†             | —            | 1                 | 18    | 40       | 40       | —              | 0                 | 8   | —        | 48       | —                            | 1                 | 9   | 35       | 41       |
| Kentucky             | —            | 0                 | 3     | 5        | 41       | 1              | 0                 | 3   | 13       | 11       | —                            | 0                 | 2   | 4        | 1        |
| Mississippi          | —            | 0                 | 10    | 40       | 20       | —              | 0                 | 0   | —        | 4        | —                            | 0                 | 1   | 2        | 2        |
| Tennessee†           | —            | 2                 | 7     | 62       | 97       | —              | 2                 | 7   | 85       | 89       | 1                            | 3                 | 22  | 101      | 124      |
| <b>W.S. Central</b>  | 8            | 20                | 226   | 549      | 463      | 2              | 3                 | 35  | 66       | 545      | 3                            | 1                 | 168 | 65       | 42       |
| Arkansas†            | 2            | 2                 | 17    | 103      | 43       | 2              | 0                 | 5   | 21       | 24       | 3                            | 0                 | 53  | 17       | 29       |
| Louisiana            | —            | 0                 | 2     | 11       | 19       | —              | 0                 | 1   | —        | 3        | —                            | 0                 | 1   | 1        | —        |
| Oklahoma             | —            | 0                 | 36    | 3        | 18       | —              | 0                 | 22  | 45       | 48       | —                            | 0                 | 108 | 34       | 5        |
| Texas†               | 6            | 17                | 174   | 432      | 383      | —              | 0                 | 34  | —        | 470      | —                            | 0                 | 7   | 13       | 8        |
| <b>Mountain</b>      | 11           | 26                | 61    | 659      | 1,759    | —              | 3                 | 28  | 90       | 98       | 1                            | 0                 | 4   | 19       | 23       |
| Arizona              | —            | 6                 | 13    | 145      | 364      | —              | 2                 | 10  | 63       | 75       | 1                            | 0                 | 2   | 1        | 7        |
| Colorado             | 3            | 6                 | 17    | 183      | 565      | —              | 0                 | 0   | —        | —        | —                            | 0                 | 1   | 1        | 4        |
| Idaho†               | 2            | 1                 | 6     | 27       | 49       | —              | 0                 | 24  | —        | —        | —                            | 0                 | 3   | 3        | 1        |
| Montana†             | —            | 1                 | 7     | 31       | 83       | —              | 0                 | 2   | 7        | 9        | —                            | 0                 | 1   | 1        | 2        |
| Nevada†              | —            | 0                 | 5     | 3        | 56       | —              | 0                 | 2   | 2        | 2        | —                            | 0                 | 0   | —        | —        |
| New Mexico†          | —            | 2                 | 8     | 32       | 60       | —              | 0                 | 2   | 6        | 6        | —                            | 0                 | 1   | 4        | 5        |
| Utah                 | 6            | 8                 | 47    | 224      | 529      | —              | 0                 | 1   | 6        | 4        | —                            | 0                 | 0   | —        | —        |
| Wyoming†             | —            | 1                 | 5     | 14       | 53       | —              | 0                 | 2   | 6        | 2        | —                            | 0                 | 2   | 9        | 4        |
| <b>Pacific</b>       | 9            | 15                | 547   | 300      | 1,008    | 2              | 4                 | 13  | 126      | 129      | —                            | 0                 | 1   | 2        | 2        |
| Alaska               | 1            | 1                 | 8     | 32       | 48       | —              | 0                 | 6   | 34       | 14       | N                            | 0                 | 0   | N        | N        |
| California           | —            | 9                 | 225   | 99       | 803      | 1              | 3                 | 12  | 86       | 106      | —                            | 0                 | 0   | —        | —        |
| Hawaii               | —            | 0                 | 3     | 13       | 77       | N              | 0                 | 0   | N        | N        | N                            | 0                 | 0   | N        | N        |
| Oregon†              | —            | 1                 | 11    | 62       | 80       | 1              | 0                 | 3   | 6        | 9        | —                            | 0                 | 1   | 2        | 2        |
| Washington           | 8            | 1                 | 377   | 94       | —        | —              | 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     | —        | 29       | —              | 0                 | 0   | —        | —        | N                            | 0                 | 0   | N        | N        |
| Puerto Rico          | —            | 0                 | 1     | —        | 1        | 2              | 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 4, 2007, and August 5, 2006 (31st 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>        | 578           | 826               | 2,338 | 20,955   | 21,967   | 69   | 76                | 336 | 1,922    | 1,830    | 180          | 329               | 1,287 | 8,201    | 6,541    |
| <b>New England</b>          | 14            | 37                | 236   | 1,206    | 1,427    | 2  | 3                 | 29  | 126      | 170      | —            | 4                 | 22    | 130      | 177      |
| Connecticut                 | —             | 0                 | 221   | 221      | 503      | —  | 0                 | 24  | 24       | 75       | —            | 0                 | 19    | 19       | 67       |
| Maine <sup>§</sup>          | 2             | 2                 | 14    | 62       | 64       | —  | 1                 | 8   | 17       | 10       | —            | 0                 | 5     | 13       | 3        |
| Massachusetts               | 9             | 23                | 60    | 730      | 666      | 2  | 1                 | 9   | 69       | 59       | —            | 3                 | 11    | 88       | 95       |
| New Hampshire               | 1             | 3                 | 15    | 90       | 114      | —  | 0                 | 3   | 8        | 17       | —            | 0                 | 2     | 4        | 4        |
| Rhode Island <sup>§</sup>   | 2             | 2                 | 20    | 55       | 46       | —  | 0                 | 2   | 2        | 2        | —            | 0                 | 3     | 4        | 5        |
| Vermont <sup>§</sup>        | —             | 2                 | 6     | 48       | 34       | —  | 0                 | 4   | 6        | 7        | —            | 0                 | 2     | 2        | 3        |
| <b>Mid. Atlantic</b>        | 56            | 98                | 187   | 2,694    | 2,795    | 9  | 8                 | 63  | 188      | 235      | 13           | 11                | 47    | 350      | 575      |
| New Jersey                  | —             | 12                | 41    | 218      | 621      | —  | 1                 | 20  | 11       | 67       | —            | 1                 | 5     | 25       | 236      |
| New York (Upstate)          | 40            | 29                | 112   | 769      | 594      | 9  | 3                 | 15  | 83       | 82       | 8            | 3                 | 42    | 72       | 134      |
| New York City               | 5             | 24                | 45    | 690      | 694      | —  | 0                 | 4   | 19       | 29       | —            | 5                 | 12    | 137      | 156      |
| Pennsylvania                | 11            | 35                | 66    | 1,017    | 886      | —  | 3                 | 47  | 75       | 57       | 5            | 1                 | 21    | 116      | 49       |
| <b>E.N. Central</b>         | 80            | 101               | 203   | 2,902    | 3,108    | 6  | 9                 | 63  | 233      | 277      | 41           | 31                | 81    | 1,017    | 662      |
| Illinois                    | —             | 30                | 65    | 789      | 927      | —  | 1                 | 8   | 27       | 52       | —            | 11                | 53    | 258      | 253      |
| Indiana                     | 30            | 15                | 55    | 394      | 400      | 4  | 1                 | 8   | 31       | 33       | 2            | 2                 | 17    | 40       | 84       |
| Michigan                    | 7             | 18                | 35    | 476      | 572      | —  | 1                 | 6   | 40       | 47       | —            | 1                 | 4     | 31       | 106      |
| Ohio                        | 43            | 25                | 67    | 774      | 677      | 1  | 3                 | 18  | 71       | 76       | 39           | 6                 | 68    | 561      | 93       |
| Wisconsin                   | —             | 17                | 49    | 469      | 532      | 1  | 2                 | 41  | 64       | 69       | —            | 4                 | 14    | 127      | 126      |
| <b>W.N. Central</b>         | 16            | 49                | 103   | 1,449    | 1,415    | 8  | 12                | 45  | 324      | 339      | 4            | 44                | 156   | 1,179    | 859      |
| Iowa                        | —             | 9                 | 26    | 248      | 235      | —  | 2                 | 38  | 68       | 76       | —            | 2                 | 14    | 43       | 48       |
| Kansas                      | 8             | 7                 | 20    | 228      | 202      | —  | 0                 | 4   | 29       | 17       | —            | 1                 | 10    | 18       | 70       |
| Minnesota                   | 5             | 13                | 44    | 382      | 371      | 5  | 4                 | 26  | 116      | 88       | 3            | 5                 | 24    | 147      | 60       |
| Missouri                    | —             | 15                | 35    | 360      | 398      | —  | 2                 | 12  | 54       | 104      | —            | 18                | 72    | 877      | 451      |
| Nebraska <sup>§</sup>       | 3             | 4                 | 11    | 121      | 114      | 3  | 1                 | 11  | 39       | 33       | 1            | 1                 | 14    | 12       | 50       |
| North Dakota                | —             | 0                 | 23    | 19       | 12       | —  | 0                 | 12  | 1        | 2        | —            | 0                 | 127   | 4        | 12       |
| South Dakota                | —             | 3                 | 11    | 91       | 83       | —  | 0                 | 5   | 17       | 19       | —            | 4                 | 28    | 78       | 168      |
| <b>S. Atlantic</b>          | 249           | 211               | 401   | 5,324    | 5,303    | 13   | 14                | 36  | 355      | 277      | 67           | 84                | 167   | 2,778    | 1,548    |
| Delaware                    | 1             | 3                 | 10    | 78       | 73       | —  | 0                 | 3   | 10       | 3        | —            | 0                 | 1     | 6        | 6        |
| District of Columbia        | —             | 0                 | 4     | 16       | 35       | —  | 0                 | 1   | 1        | 1        | —            | 0                 | 5     | 4        | 6        |
| Florida                     | 85            | 88                | 176   | 2,159    | 2,252    | 2  | 2                 | 8   | 87       | 51       | 35           | 46                | 76    | 1,507    | 716      |
| Georgia                     | 44            | 31                | 73    | 911      | 864      | 2  | 1                 | 4   | 39       | 47       | 21           | 32                | 89    | 1,022    | 550      |
| Maryland <sup>§</sup>       | 26            | 15                | 31    | 421      | 365      | 1  | 2                 | 10  | 52       | 45       | —            | 2                 | 9     | 56       | 67       |
| North Carolina              | 50            | 29                | 130   | 707      | 689      | 5  | 2                 | 24  | 75       | 45       | 7            | 1                 | 14    | 49       | 97       |
| South Carolina <sup>§</sup> | 20            | 18                | 45    | 459      | 485      | —  | 0                 | 2   | 9        | 7        | 3            | 1                 | 5     | 60       | 68       |
| Virginia <sup>§</sup>       | 7             | 20                | 58    | 473      | 483      | 1  | 3                 | 11  | 74       | 74       | 1            | 2                 | 9     | 67       | 36       |
| West Virginia               | 16            | 1                 | 31    | 100      | 57       | 2  | 0                 | 5   | 8        | 4        | —            | 0                 | 6     | 7        | 2        |
| <b>E.S. Central</b>         | 31            | 56                | 136   | 1,406    | 1,390    | 6  | 4                 | 25  | 136      | 154      | 3            | 19                | 89    | 811      | 375      |
| Alabama <sup>§</sup>        | —             | 14                | 78    | 375      | 405      | —  | 0                 | 18  | 42       | 14       | —            | 7                 | 67    | 305      | 108      |
| Kentucky                    | 16            | 9                 | 23    | 295      | 237      | 2  | 1                 | 8   | 42       | 45       | 1            | 3                 | 32    | 190      | 155      |
| Mississippi                 | —             | 12                | 101   | 293      | 361      | —  | 0                 | 3   | 2        | 2        | —            | 3                 | 76    | 206      | 42       |
| Tennessee <sup>§</sup>      | 15            | 18                | 31    | 443      | 387      | 4  | 2                 | 8   | 50       | 93       | 2            | 3                 | 14    | 110      | 70       |
| <b>W.S. Central</b>         | 32            | 84                | 595   | 1,854    | 2,341    | 1  | 4                 | 73  | 104      | 96       | 27           | 39                | 655   | 886      | 952      |
| Arkansas <sup>§</sup>       | 5             | 14                | 45    | 320      | 421      | —  | 1                 | 7   | 19       | 17       | 2            | 2                 | 10    | 62       | 51       |
| Louisiana                   | —             | 18                | 48    | 353      | 526      | —  | 0                 | 2   | 4        | 11       | —            | 8                 | 25    | 262      | 87       |
| Oklahoma                    | 15            | 8                 | 103   | 229      | 232      | —  | 0                 | 17  | 14       | 8        | 5            | 2                 | 63    | 63       | 61       |
| Texas <sup>§</sup>          | 12            | 44                | 470   | 952      | 1,162    | 1  | 2                 | 68  | 67       | 60       | 20           | 22                | 580   | 499      | 753      |
| <b>Mountain</b>             | 39            | 46                | 90    | 1,253    | 1,500    | 17   | 9                 | 34  | 257      | 231      | 16           | 18                | 84    | 444      | 568      |
| Arizona                     | 7             | 13                | 44    | 348      | 431      | 1  | 2                 | 9   | 65       | 45       | 9            | 9                 | 37    | 236      | 302      |
| Colorado                    | 11            | 10                | 21    | 324      | 406      | 5  | 1                 | 7   | 43       | 58       | 4            | 3                 | 15    | 66       | 93       |
| Idaho <sup>§</sup>          | 6             | 3                 | 8     | 78       | 100      | 7  | 2                 | 16  | 70       | 42       | —            | 0                 | 2     | 8        | 9        |
| Montana <sup>§</sup>        | —             | 2                 | 6     | 47       | 86       | —  | 0                 | 0   | —        | —        | —            | 1                 | 13    | 14       | 5        |
| Nevada <sup>§</sup>         | 6             | 4                 | 10    | 120      | 129      | 1  | 0                 | 5   | 16       | 17       | 3            | 1                 | 20    | 20       | 57       |
| New Mexico <sup>§</sup>     | —             | 4                 | 15    | 120      | 144      | —  | 1                 | 4   | 21       | 23       | —            | 3                 | 15    | 58       | 68       |
| Utah                        | 9             | 4                 | 14    | 171      | 169      | 3  | 1                 | 14  | 42       | 39       | —            | 1                 | 4     | 16       | 31       |
| Wyoming <sup>§</sup>        | —             | 1                 | 4     | 45       | 35       | —  | 0                 | 3   | —        | 7        | —            | 1                 | 19    | 26       | 3        |
| <b>Pacific</b>              | 61            | 109               | 890   | 2,867    | 2,688    | 7  | 5                 | 164 | 199      | 51       | 9            | 27                | 256   | 606      | 825      |
| Alaska                      | 4             | 1                 | 5     | 48       | 45       | N  | 0                 | 0   | N        | N        | —            | 0                 | 2     | 7        | 5        |
| California                  | 42            | 89                | 260   | 2,138    | 2,275    | 5  | 1                 | 15  | 116      | N        | 6            | 22                | 84    | 481      | 714      |
| Hawaii                      | 1             | 5                 | 16    | 140      | 128      | —  | 0                 | 3   | 12       | 9        | —            | 0                 | 3     | 16       | 26       |
| Oregon <sup>§</sup>         | 3             | 7                 | 17    | 186      | 238      | —  | 1                 | 9   | 27       | 42       | —            | 1                 | 6     | 39       | 80       |
| Washington                  | 11            | 1                 | 625   | 355      | 2        | 2  | 0                 | 162 | 44       | —        | 3            | 0                 | 170   | 63       | —        |
| 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                 | 3             | 14                | 66    | 356      | 268      | —  | 0                 | 0   | —        | —        | —            | 0                 | 4     | 17       | 25       |
| 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.

<sup>†</sup> Includes *E. coli* O157:H7; Shiga toxin-positive, serogroup non-O157; and Shiga toxin-positive, not serogrouped.<sup>§</sup> 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 4, 2007, and August 5, 2006 (31st Week)\*

| Reporting area       | Streptococcal disease, invasive, group A |                   |     |          |          | <i>Streptococcus pneumoniae</i> , invasive disease, nondrug resistant† |                   |     |          |          |
|----------------------|--|-------------------|-----|----------|----------|--|-------------------|-----|----------|----------|
|                      | 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> | 33                                       | 93                | 261 | 3,351    | 3,662    | 14   | 29                | 108 | 970      | 825      |
| <b>New England</b>   | —  | 6                 | 27  | 284      | 235      | 2  | 3                 | 11  | 76       | 71       |
| Connecticut          | —  | 0                 | 23  | 91       | 61       | —  | 0                 | 6   | —        | 23       |
| Maine§               | —  | 0                 | 3   | 20       | 14       | —  | 0                 | 1   | 1        | —        |
| Massachusetts        | —  | 3                 | 12  | 131      | 122      | 2  | 2                 | 6   | 58       | 42       |
| New Hampshire        | —  | 1                 | 4   | 27       | 25       | —  | 0                 | 2   | 7        | 6        |
| Rhode Island§        | —  | 0                 | 12  | —        | 4        | —  | 0                 | 3   | 8        | —        |
| Vermont§             | —  | 0                 | 2   | 15       | 9        | —  | 0                 | 1   | 2        | —        |
| <b>Mid. Atlantic</b> | 4  | 16                | 41  | 639      | 687      | 3  | 4                 | 20  | 117      | 121      |
| New Jersey           | —  | 2                 | 9   | 80       | 116      | —  | 1                 | 4   | 19       | 45       |
| New York (Upstate)   | 3  | 5                 | 27  | 217      | 222      | 3  | 2                 | 15  | 75       | 63       |
| New York City        | —  | 4                 | 12  | 152      | 123      | —  | 1                 | 3   | 23       | 13       |
| Pennsylvania         | 1  | 5                 | 11  | 190      | 226      | N  | 0                 | 0   | N        | N        |
| <b>E.N. Central</b>  | 7  | 17                | 32  | 586      | 728      | —  | 5                 | 14  | 156      | 217      |
| Illinois             | —  | 4                 | 13  | 142      | 222      | —  | 1                 | 6   | 37       | 60       |
| Indiana              | 3  | 2                 | 17  | 96       | 86       | —  | 0                 | 10  | 14       | 32       |
| Michigan             | 1  | 4                 | 10  | 148      | 152      | —  | 1                 | 4   | 55       | 51       |
| Ohio                 | 3  | 4                 | 14  | 174      | 185      | —  | 1                 | 7   | 42       | 44       |
| Wisconsin            | —  | 1                 | 6   | 26       | 83       | —  | 0                 | 2   | 8        | 30       |
| <b>W.N. Central</b>  | 1  | 5                 | 32  | 229      | 238      | —  | 2                 | 8   | 72       | 62       |
| Iowa                 | —  | 0                 | 0   | —        | —        | —  | 0                 | 0   | —        | —        |
| Kansas               | —  | 0                 | 3   | 28       | 45       | —  | 0                 | 1   | 1        | 10       |
| Minnesota            | —  | 0                 | 29  | 116      | 111      | —  | 1                 | 6   | 51       | 34       |
| Missouri             | —  | 2                 | 6   | 51       | 45       | —  | 0                 | 2   | 13       | 11       |
| Nebraska§            | 1  | 0                 | 3   | 17       | 21       | —  | 0                 | 2   | 6        | 5        |
| North Dakota         | —  | 0                 | 2   | 10       | 8        | —  | 0                 | 2   | 1        | 2        |
| South Dakota         | —  | 0                 | 2   | 7        | 8        | —  | 0                 | 0   | —        | —        |
| <b>S. Atlantic</b>   | 9  | 21                | 52  | 829      | 805      | 2  | 3                 | 14  | 187      | 53       |
| Delaware             | —  | 0                 | 2   | 7        | 7        | —  | 0                 | 0   | —        | —        |
| District of Columbia | —  | 0                 | 3   | 8        | 9        | —  | 0                 | 1   | —        | —        |
| Florida              | 5  | 6                 | 16  | 198      | 182      | 1  | 0                 | 5   | 41       | —        |
| Georgia              | 2  | 5                 | 12  | 156      | 171      | —  | 0                 | 5   | 45       | —        |
| Maryland§            | —  | 4                 | 10  | 149      | 152      | —  | 1                 | 6   | 44       | 44       |
| North Carolina       | —  | 0                 | 22  | 119      | 121      | —  | 0                 | 0   | —        | —        |
| South Carolina§      | 1  | 1                 | 7   | 71       | 53       | 1  | 0                 | 3   | 25       | —        |
| Virginia§            | 1  | 2                 | 11  | 101      | 90       | —  | 0                 | 3   | 27       | —        |
| West Virginia        | —  | 0                 | 3   | 20       | 20       | —  | 0                 | 4   | 5        | 9        |
| <b>E.S. Central</b>  | 2  | 4                 | 13  | 147      | 150      | —  | 1                 | 6   | 60       | 15       |
| Alabama§             | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Kentucky             | —  | 1                 | 3   | 31       | 35       | —  | 0                 | 0   | —        | —        |
| Mississippi          | N  | 0                 | 0   | N        | N        | —  | 0                 | 2   | 3        | 15       |
| Tennessee§           | 2  | 3                 | 13  | 116      | 115      | —  | 0                 | 6   | 57       | —        |
| <b>W.S. Central</b>  | 6  | 6                 | 90  | 214      | 272      | 7  | 4                 | 43  | 147      | 138      |
| Arkansas§            | —  | 0                 | 2   | 16       | 21       | —  | 0                 | 2   | 7        | 17       |
| Louisiana            | —  | 0                 | 4   | 16       | 13       | —  | 0                 | 4   | 23       | 16       |
| Oklahoma             | 1  | 2                 | 23  | 53       | 71       | 2  | 1                 | 13  | 37       | 26       |
| Texas§               | 5  | 3                 | 64  | 129      | 167      | 5  | 1                 | 27  | 80       | 79       |
| <b>Mountain</b>      | 3  | 10                | 20  | 336      | 483      | —  | 4                 | 12  | 132      | 133      |
| Arizona              | —  | 4                 | 11  | 101      | 247      | —  | 2                 | 7   | 76       | 75       |
| Colorado             | 2  | 3                 | 9   | 115      | 84       | —  | 1                 | 4   | 32       | 33       |
| Idaho§               | 1  | 0                 | 2   | 9        | 7        | —  | 0                 | 1   | 2        | 1        |
| Montana§             | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Nevada§              | —  | 0                 | 1   | 2        | —        | —  | 0                 | 1   | 1        | 2        |
| New Mexico§          | —  | 1                 | 5   | 36       | 94       | —  | 0                 | 4   | 17       | 22       |
| Utah                 | —  | 2                 | 7   | 68       | 48       | —  | 0                 | 2   | 4        | —        |
| Wyoming§             | —  | 0                 | 1   | 5        | 3        | —  | 0                 | 0   | —        | —        |
| <b>Pacific</b>       | 1  | 3                 | 9   | 87       | 64       | —  | 1                 | 4   | 23       | 15       |
| Alaska               | 1  | 0                 | 3   | 22       | N        | —  | 0                 | 2   | 21       | —        |
| California           | N  | 0                 | 0   | N        | N        | N  | 0                 | 0   | N        | N        |
| Hawaii               | —  | 2                 | 9   | 65       | 64       | —  | 0                 | 2   | 2        | 15       |
| Oregon§              | 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 4, 2007, and August 5, 2006 (31st Week)\*

| Reporting area       | <i>Streptococcus pneumoniae</i> , 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> | 13  | 47                | 256 | 1,516    | 1,634    | 1            | 9                 | 35  | 270      | 250      | 131                             | 198               | 310 | 5,763    | 5,466    |
| <b>New England</b>   | —   | 1                 | 12  | 34       | 90       | —            | 0                 | 3   | 6        | 2        | 5                               | 4                 | 13  | 142      | 127      |
| Connecticut          | —   | 0                 | 5   | —        | 70       | —            | 0                 | 0   | —        | —        | 3                               | 0                 | 10  | 21       | 28       |
| Maine§               | —   | 0                 | 2   | 9        | 5        | —            | 0                 | 2   | 1        | 1        | —                               | 0                 | 1   | 2        | 7        |
| Massachusetts        | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 2                 | 8   | 86       | 76       |
| New Hampshire        | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | 2                               | 0                 | 3   | 19       | 7        |
| Rhode Island§        | —   | 0                 | 4   | 14       | 6        | —            | 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   | 87       | 102      | —            | 0                 | 5   | 22       | 14       | 32                              | 27                | 45  | 933      | 680      |
| New Jersey           | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 3                 | 8   | 96       | 100      |
| New York (Upstate)   | 1   | 1                 | 5   | 29       | 33       | —            | 0                 | 4   | 8        | 7        | 4                               | 3                 | 14  | 81       | 89       |
| New York City        | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | 26                              | 16                | 35  | 604      | 328      |
| Pennsylvania         | —   | 2                 | 6   | 58       | 69       | —            | 0                 | 2   | 14       | 7        | 2                               | 5                 | 12  | 152      | 163      |
| <b>E.N. Central</b>  | 1   | 9                 | 40  | 377      | 357      | —            | 1                 | 7   | 48       | 56       | 13                              | 15                | 27  | 450      | 536      |
| Illinois             | —   | 0                 | 4   | 12       | 18       | —            | 0                 | 1   | 2        | 5        | —                               | 7                 | 13  | 205      | 273      |
| Indiana              | —   | 2                 | 31  | 97       | 93       | —            | 0                 | 5   | 12       | 15       | 3                               | 1                 | 5   | 30       | 48       |
| Michigan             | —   | 0                 | 1   | 2        | 15       | —            | 0                 | 1   | 1        | 2        | 6                               | 2                 | 8   | 71       | 68       |
| Ohio                 | 1   | 6                 | 38  | 266      | 231      | —            | 1                 | 5   | 33       | 34       | 2                               | 3                 | 9   | 107      | 113      |
| Wisconsin            | N   | 0                 | 0   | N        | N        | —            | 0                 | 0   | —        | —        | 2                               | 1                 | 4   | 37       | 34       |
| <b>W.N. Central</b>  | —   | 2                 | 124 | 107      | 30       | —            | 0                 | 15  | 7        | 1        | 3                               | 6                 | 14  | 188      | 165      |
| Iowa                 | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 0                 | 3   | 8        | 11       |
| Kansas               | —   | 0                 | 10  | 59       | —        | —            | 0                 | 2   | 3        | —        | 1                               | 0                 | 3   | 10       | 12       |
| Minnesota            | —   | 0                 | 123 | —        | —        | —            | 0                 | 15  | —        | —        | —                               | 1                 | 5   | 40       | 31       |
| Missouri             | —   | 1                 | 5   | 40       | 29       | —            | 0                 | 1   | —        | 1        | 2                               | 3                 | 12  | 124      | 106      |
| 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        | 2        |
| <b>S. Atlantic</b>   | 10  | 21                | 59  | 680      | 785      | 1            | 4                 | 15  | 138      | 119      | 48                              | 45                | 180 | 1,328    | 1,210    |
| Delaware             | —   | 0                 | 1   | 5        | —        | —            | 0                 | 1   | 2        | —        | —                               | 0                 | 3   | 7        | 15       |
| District of Columbia | —   | 0                 | 2   | 5        | 19       | —            | 0                 | 0   | —        | 2        | 2                               | 2                 | 12  | 103      | 67       |
| Florida              | 5   | 11                | 29  | 390      | 413      | 1            | 2                 | 8   | 78       | 79       | 23                              | 15                | 25  | 468      | 439      |
| Georgia              | 3   | 7                 | 17  | 232      | 265      | —            | 1                 | 10  | 50       | 38       | —                               | 7                 | 153 | 185      | 189      |
| Maryland§            | —   | 0                 | 1   | 1        | —        | —            | 0                 | 0   | —        | —        | 9                               | 6                 | 15  | 181      | 182      |
| North Carolina       | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | 7                               | 5                 | 23  | 201      | 182      |
| South Carolina§      | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | 3                               | 1                 | 10  | 59       | 42       |
| Virginia§            | N   | 0                 | 0   | N        | N        | —            | 0                 | 0   | —        | —        | 4                               | 4                 | 17  | 119      | 91       |
| West Virginia        | 2   | 1                 | 17  | 47       | 88       | —            | 0                 | 1   | 8        | —        | —                               | 0                 | 2   | 5        | 3        |
| <b>E.S. Central</b>  | 1   | 3                 | 9   | 102      | 137      | —            | 0                 | 3   | 21       | 23       | 18                              | 16                | 29  | 484      | 377      |
| Alabama§             | N   | 0                 | 0   | N        | N        | —            | 0                 | 0   | —        | —        | 11                              | 6                 | 15  | 188      | 160      |
| Kentucky             | —   | 0                 | 2   | 17       | 26       | —            | 0                 | 1   | 2        | 6        | —                               | 1                 | 7   | 39       | 38       |
| Mississippi          | —   | 0                 | 2   | —        | 17       | —            | 0                 | 0   | —        | —        | —                               | 2                 | 9   | 58       | 37       |
| Tennessee§           | 1   | 2                 | 8   | 85       | 94       | —            | 0                 | 3   | 19       | 17       | 7                               | 6                 | 14  | 199      | 142      |
| <b>W.S. Central</b>  | —   | 1                 | 10  | 90       | 63       | —            | 0                 | 3   | 14       | 6        | —                               | 31                | 55  | 957      | 869      |
| Arkansas§            | —   | 0                 | 1   | 1        | 9        | —            | 0                 | 0   | —        | 2        | —                               | 1                 | 7   | 65       | 40       |
| Louisiana            | —   | 1                 | 3   | 45       | 54       | —            | 0                 | 2   | 6        | 4        | —                               | 6                 | 29  | 200      | 147      |
| Oklahoma             | —   | 0                 | 8   | 44       | —        | —            | 0                 | 2   | 8        | —        | —                               | 1                 | 5   | 42       | 41       |
| Texas§               | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 21                | 37  | 650      | 641      |
| <b>Mountain</b>      | —   | 1                 | 5   | 39       | 70       | —            | 0                 | 3   | 14       | 29       | 4                               | 7                 | 27  | 190      | 280      |
| Arizona              | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 3                 | 16  | 73       | 107      |
| Colorado             | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 1                 | 5   | 19       | 47       |
| 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        | 4                               | 2                 | 12  | 60       | 76       |
| New Mexico§          | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 1                 | 7   | 31       | 38       |
| Utah                 | —   | 0                 | 5   | 13       | 28       | —            | 0                 | 3   | 8        | 20       | —                               | 0                 | 2   | 4        | 9        |
| Wyoming§             | —   | 0                 | 2   | 10       | 27       | —            | 0                 | 1   | 1        | 8        | —                               | 0                 | 1   | 1        | —        |
| <b>Pacific</b>       | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | 8                               | 38                | 57  | 1,091    | 1,222    |
| Alaska               | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 0                 | 2   | 5        | 5        |
| California           | N   | 0                 | 0   | N        | N        | —            | 0                 | 0   | —        | —        | 3                               | 36                | 54  | 997      | 1,075    |
| Hawaii               | —   | 0                 | 0   | —        | —        | —            | 0                 | 0   | —        | —        | —                               | 0                 | 1   | 5        | 13       |
| Oregon§              | N   | 0                 | 0   | N        | N        | —            | 0                 | 0   | —        | —        | —                               | 0                 | 6   | 9        | 10       |
| Washington           | N   | 0                 | 0   | N        | N        | —            | 0                 | 0   | —        | —        | 5                               | 2                 | 11  | 75       | 119      |
| American Samoa       | U   | 0                 | 0   | U        | U        | —            | 0                 | 1   | U        | U        | U                               | 0                 | 0   | U        | U        |
| C.N.M.I.             | 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   | —        | —        | 8                               | 2                 | 11  | 85       | 86       |
| U.S. Virgin Islands  | U   | 0                 | 0   | 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 4, 2007, and August 5, 2006 (31st Week)\*

| Reporting area       | Varicella (chickenpox) |                   |       |          |          | West Nile virus disease† |     |     |          |          |                   |     |     |          |          |
|----------------------|------------------------|-------------------|-------|----------|----------|--------------------------|-----|-----|----------|----------|-------------------|-----|-----|----------|----------|
|                      | Current week           | Previous 52 weeks |       | Cum 2007 | Cum 2006 | Neuroinvasive            |     |     |          |          | Nonneuroinvasive§ |     |     |          |          |
|                      |                        | Med               | Max   |          |          | Current week             | Med | Max | Cum 2007 | Cum 2006 | Current week      | Med | Max | Cum 2007 | Cum 2006 |
| <b>United States</b> | 120                    | 796               | 2,813 | 24,497   | 31,089   | 1                        | 1   | 178 | 101      | 496      | 1                 | 2   | 417 | 207      | 883      |
| <b>New England</b>   | 2                      | 21                | 124   | 469      | 3,118    | —                        | 0   | 3   | —        | —        | —                 | 0   | 2   | —        | 1        |
| Connecticut          | —                      | 0                 | 76    | 1        | 1,091    | —                        | 0   | 3   | —        | —        | —                 | 0   | 1   | —        | 1        |
| Maine¶               | —                      | 0                 | 7     | —        | 169      | —                        | 0   | 0   | —        | —        | —                 | 0   | 0   | —        | —        |
| Massachusetts        | —                      | 0                 | 9     | —        | 1,129    | —                        | 0   | 1   | —        | —        | —                 | 0   | 1   | —        | —        |
| New Hampshire        | 2                      | 7                 | 17    | 203      | 238      | —                        | 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> | 6                      | 109               | 195   | 3,005    | 3,290    | —                        | 0   | 11  | 1        | 5        | —                 | 0   | 4   | —        | 5        |
| New Jersey           | N                      | 0                 | 0     | N        | N        | —                        | 0   | 2   | —        | —        | —                 | 0   | 1   | —        | 1        |
| New York (Upstate)   | N                      | 0                 | 0     | N        | N        | —                        | 0   | 5   | —        | —        | —                 | 0   | 1   | —        | 1        |
| New York City        | —                      | 0                 | 0     | —        | —        | —                        | 0   | 4   | —        | 1        | —                 | 0   | 2   | —        | 2        |
| Pennsylvania         | 6                      | 109               | 195   | 3,005    | 3,290    | —                        | 0   | 2   | 1        | 4        | —                 | 0   | 0   | —        | 1        |
| <b>E.N. Central</b>  | 44                     | 229               | 568   | 7,025    | 10,281   | —                        | 0   | 42  | 5        | 22       | —                 | 0   | 33  | 2        | 17       |
| Illinois             | —                      | 2                 | 11    | 93       | 87       | —                        | 0   | 24  | 4        | 15       | —                 | 0   | 22  | 2        | 9        |
| Indiana              | —                      | 0                 | 0     | —        | —        | —                        | 0   | 5   | —        | 3        | —                 | 0   | 12  | —        | 3        |
| Michigan             | 6                      | 97                | 258   | 2,845    | 3,051    | —                        | 0   | 10  | —        | 1        | —                 | 0   | 4   | —        | 1        |
| Ohio                 | 38                     | 107               | 449   | 3,302    | 6,399    | —                        | 0   | 11  | 1        | 1        | —                 | 0   | 3   | —        | 2        |
| Wisconsin            | —                      | 19                | 80    | 785      | 744      | —                        | 0   | 2   | —        | 2        | —                 | 0   | 2   | —        | 2        |
| <b>W.N. Central</b>  | 2                      | 32                | 136   | 1,207    | 1,239    | —                        | 0   | 37  | 28       | 78       | —                 | 0   | 78  | 85       | 167      |
| Iowa                 | N                      | 0                 | 0     | N        | N        | —                        | 0   | 3   | 1        | 6        | —                 | 0   | 4   | 1        | 7        |
| Kansas               | 2                      | 9                 | 52    | 429      | 235      | —                        | 0   | 3   | 2        | 9        | —                 | 0   | 3   | 1        | 6        |
| Minnesota            | —                      | 0                 | 0     | —        | —        | —                        | 0   | 7   | 4        | 14       | —                 | 0   | 5   | 5        | 17       |
| Missouri             | —                      | 16                | 78    | 634      | 943      | —                        | 0   | 14  | —        | 15       | —                 | 0   | 2   | 2        | —        |
| Nebraska¶            | N                      | 0                 | 0     | N        | N        | —                        | 0   | 9   | —        | 14       | —                 | 0   | 38  | 12       | 57       |
| North Dakota         | —                      | 0                 | 60    | 84       | 27       | —                        | 0   | 5   | 7        | 4        | —                 | 0   | 28  | 32       | 51       |
| South Dakota         | —                      | 2                 | 15    | 60       | 34       | —                        | 0   | 8   | 14       | 16       | —                 | 0   | 22  | 32       | 29       |
| <b>S. Atlantic</b>   | 6                      | 96                | 239   | 3,224    | 3,031    | —                        | 0   | 2   | 2        | 6        | —                 | 0   | 7   | 1        | 1        |
| Delaware             | —                      | 1                 | 6     | 23       | 45       | —                        | 0   | 0   | —        | —        | —                 | 0   | 0   | —        | —        |
| District of Columbia | —                      | 0                 | 8     | 14       | 23       | —                        | 0   | 0   | —        | —        | —                 | 0   | 1   | —        | 1        |
| Florida              | 4                      | 16                | 81    | 804      | N        | —                        | 0   | 1   | —        | 3        | —                 | 0   | 0   | —        | —        |
| Georgia              | N                      | 0                 | 0     | N        | N        | —                        | 0   | 1   | 1        | 2        | —                 | 0   | 4   | 1        | —        |
| Maryland¶            | N                      | 0                 | 0     | N        | N        | —                        | 0   | 2   | —        | —        | —                 | 0   | 1   | —        | —        |
| North Carolina       | —                      | 0                 | 0     | —        | —        | —                        | 0   | 1   | —        | —        | —                 | 0   | 0   | —        | —        |
| South Carolina¶      | —                      | 18                | 72    | 694      | 800      | —                        | 0   | 1   | —        | —        | —                 | 0   | 0   | —        | —        |
| Virginia¶            | —                      | 26                | 190   | 960      | 1,140    | —                        | 0   | 1   | 1        | —        | —                 | 0   | 2   | —        | —        |
| West Virginia        | 2                      | 23                | 50    | 729      | 1,023    | —                        | 0   | 0   | —        | 1        | —                 | 0   | 0   | —        | —        |
| <b>E.S. Central</b>  | —                      | 3                 | 571   | 329      | 27       | —                        | 0   | 15  | 8        | 44       | —                 | 0   | 17  | 10       | 27       |
| Alabama¶             | —                      | 3                 | 571   | 327      | 26       | —                        | 0   | 1   | 2        | 5        | —                 | 0   | 1   | 2        | —        |
| Kentucky             | N                      | 0                 | 0     | N        | N        | —                        | 0   | 2   | —        | —        | —                 | 0   | 1   | —        | —        |
| Mississippi          | —                      | 0                 | 2     | 2        | 1        | —                        | 0   | 10  | 6        | 38       | —                 | 0   | 16  | 8        | 27       |
| Tennessee¶           | N                      | 0                 | 0     | N        | N        | —                        | 0   | 5   | —        | 1        | —                 | 0   | 2   | —        | —        |
| <b>W.S. Central</b>  | 55                     | 181               | 1,640 | 7,385    | 8,254    | —                        | 0   | 59  | 6        | 191      | —                 | 0   | 27  | 2        | 76       |
| Arkansas¶            | 3                      | 13                | 105   | 480      | 592      | —                        | 0   | 5   | 2        | 10       | —                 | 0   | 2   | —        | 2        |
| Louisiana            | —                      | 2                 | 11    | 90       | 181      | —                        | 0   | 13  | —        | 34       | —                 | 0   | 10  | —        | 26       |
| Oklahoma             | —                      | 0                 | 0     | —        | —        | —                        | 0   | 5   | —        | 13       | —                 | 0   | 4   | —        | 4        |
| Texas¶               | 52                     | 163               | 1,534 | 6,815    | 7,481    | —                        | 0   | 39  | 4        | 134      | —                 | 0   | 16  | 2        | 44       |
| <b>Mountain</b>      | 5                      | 56                | 131   | 1,828    | 1,849    | 1                        | 0   | 63  | 25       | 117      | 1                 | 1   | 245 | 69       | 476      |
| Arizona              | —                      | 0                 | 0     | —        | —        | —                        | 0   | 10  | 10       | 2        | —                 | 0   | 14  | 6        | 4        |
| Colorado             | 3                      | 22                | 62    | 699      | 969      | —                        | 0   | 11  | 7        | 12       | —                 | 0   | 51  | 34       | 72       |
| Idaho¶               | N                      | 0                 | 0     | N        | N        | 1                        | 0   | 32  | 1        | 59       | 1                 | 0   | 174 | 12       | 325      |
| Montana¶             | —                      | 5                 | 40    | 281      | N        | —                        | 0   | 3   | —        | 3        | —                 | 0   | 8   | 3        | 7        |
| Nevada¶              | —                      | 0                 | 1     | 1        | 9        | —                        | 0   | 9   | —        | 20       | —                 | 0   | 17  | 2        | 35       |
| New Mexico¶          | —                      | 6                 | 37    | 287      | 300      | —                        | 0   | 3   | 4        | —        | —                 | 0   | 1   | 1        | 1        |
| Utah                 | 2                      | 15                | 73    | 542      | 539      | —                        | 0   | 8   | 1        | 19       | —                 | 0   | 17  | 1        | 23       |
| Wyoming¶             | —                      | 0                 | 11    | 18       | 32       | —                        | 0   | 7   | 2        | 2        | —                 | 0   | 10  | 10       | 9        |
| <b>Pacific</b>       | —                      | 0                 | 9     | 25       | —        | —                        | 0   | 15  | 26       | 33       | —                 | 0   | 51  | 38       | 113      |
| Alaska               | —                      | 0                 | 9     | 25       | N        | —                        | 0   | 0   | —        | —        | —                 | 0   | 0   | —        | —        |
| California           | —                      | 0                 | 0     | —        | N        | —                        | 0   | 15  | 26       | 32       | —                 | 0   | 37  | 38       | 88       |
| Hawaii               | —                      | 0                 | 0     | —        | —        | —                        | 0   | 0   | —        | —        | —                 | 0   | 0   | —        | —        |
| Oregon¶              | N                      | 0                 | 0     | N        | N        | —                        | 0   | 2   | —        | 1        | —                 | 0   | 14  | —        | 23       |
| 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                 | —                      | 5                 | 30    | 114      | 155      | —                        | 0   | 0   | —        | —        | —                 | 0   | 0   | —        | —        |
| Puerto Rico          | 21                     | 13                | 31    | 452      | 361      | —                        | 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).

TABLE III. Deaths in 122 U.S. cities,\* week ending August 4, 2007 (31st Week)

| Reporting Area              | All causes, by age (years) |       |       |       |      |    |             | P&I <sup>†</sup><br>Total    | Reporting Area | All causes, by age (years) |       |       |      |     |     |  | P&I <sup>†</sup><br>Total |
|-----------------------------|----------------------------|-------|-------|-------|------|----|-------------|------------------------------|----------------|----------------------------|-------|-------|------|-----|-----|--|---------------------------|
|                             | All<br>Ages                | ≥65   | 45-64 | 25-44 | 1-24 | <1 | All<br>Ages |                              |                | ≥65                        | 45-64 | 25-44 | 1-24 | <1  |     |  |                           |
| <b>New England</b>          | 458                        | 319   | 106   | 26    | 4    | 3  | 33          | <b>S. Atlantic</b>           | 1,176          | 722                        | 286   | 95    | 31   | 41  | 58  |  |                           |
| Boston, MA                  | 111                        | 77    | 26    | 3     | 4    | 1  | 9           | Atlanta, GA                  | 115            | 61                         | 34    | 10    | 7    | 3   | 6   |  |                           |
| Bridgeport, CT              | 53                         | 37    | 12    | 4     | —    | —  | 3           | Baltimore, MD                | 169            | 98                         | 45    | 18    | 2    | 6   | 14  |  |                           |
| Cambridge, MA               | 13                         | 11    | 2     | —     | —    | —  | 2           | Charlotte, NC                | 99             | 57                         | 27    | 8     | 5    | 2   | 4   |  |                           |
| Fall River, MA              | 25                         | 19    | 4     | 1     | —    | 1  | 1           | Jacksonville, FL             | 133            | 74                         | 35    | 13    | 6    | 5   | 7   |  |                           |
| Hartford, CT                | 49                         | 32    | 13    | 3     | —    | 1  | 3           | Miami, FL                    | 80             | 47                         | 19    | 12    | 2    | —   | 3   |  |                           |
| Lowell, MA                  | 18                         | 9     | 7     | 2     | —    | —  | 2           | Norfolk, VA                  | 36             | 19                         | 8     | 4     | 3    | 2   | —   |  |                           |
| Lynn, MA                    | 8                          | 6     | 1     | 1     | —    | —  | —           | Richmond, VA                 | 36             | 23                         | 8     | 2     | —    | 3   | 4   |  |                           |
| New Bedford, MA             | 18                         | 15    | 1     | 2     | —    | —  | 2           | Savannah, GA                 | 31             | 15                         | 12    | 3     | —    | 1   | 1   |  |                           |
| New Haven, CT               | U                          | U     | U     | U     | U    | U  | U           | St. Petersburg, FL           | 206            | 145                        | 42    | 11    | 2    | 6   | 9   |  |                           |
| Providence, RI              | 45                         | 30    | 12    | 3     | —    | —  | 3           | Tampa, FL                    | 157            | 113                        | 30    | 4     | 3    | 7   | 10  |  |                           |
| Somerville, MA              | 7                          | 6     | —     | 1     | —    | —  | —           | Washington, D.C.             | 101            | 61                         | 22    | 10    | 1    | 6   | —   |  |                           |
| Springfield, MA             | 44                         | 30    | 12    | 2     | —    | —  | 4           | Wilmington, DE               | 13             | 9                          | 4     | —     | —    | —   | —   |  |                           |
| Waterbury, CT               | 21                         | 14    | 7     | —     | —    | —  | —           | <b>E.S. Central</b>          | 753            | 453                        | 211   | 60    | 17   | 12  | 49  |  |                           |
| Worcester, MA               | 46                         | 33    | 9     | 4     | —    | —  | 4           | Birmingham, AL               | 133            | 75                         | 42    | 8     | 3    | 5   | 13  |  |                           |
| <b>Mid. Atlantic</b>        | 1,877                      | 1,300 | 402   | 113   | 29   | 33 | 90          | Chattanooga, TN              | 58             | 41                         | 15    | 2     | —    | —   | 5   |  |                           |
| Albany, NY                  | 36                         | 28    | 7     | 1     | —    | —  | 2           | Knoxville, TN                | 117            | 71                         | 33    | 9     | 2    | 2   | 8   |  |                           |
| Allentown, PA               | 29                         | 24    | 3     | 1     | 1    | —  | 2           | Lexington, KY                | 75             | 48                         | 22    | 5     | —    | —   | 2   |  |                           |
| Buffalo, NY                 | 87                         | 58    | 19    | 7     | 2    | 1  | 10          | Memphis, TN                  | 169            | 97                         | 50    | 19    | 3    | —   | 9   |  |                           |
| Camden, NJ                  | U                          | U     | U     | U     | U    | U  | U           | Mobile, AL                   | 47             | 31                         | 11    | 4     | 1    | —   | 1   |  |                           |
| Elizabeth, NJ               | 11                         | 4     | 6     | —     | 1    | —  | —           | Montgomery, AL               | 27             | 19                         | 4     | 3     | —    | 1   | 2   |  |                           |
| Erie, PA                    | 53                         | 38    | 13    | 2     | —    | —  | 5           | Nashville, TN                | 127            | 71                         | 34    | 10    | 8    | 4   | 9   |  |                           |
| Jersey City, NJ             | 26                         | 15    | 6     | 5     | —    | —  | 2           | <b>W.S. Central</b>          | 1,281          | 760                        | 334   | 101   | 37   | 48  | 62  |  |                           |
| New York City, NY           | 944                        | 639   | 216   | 62    | 12   | 15 | 26          | Austin, TX                   | 78             | 50                         | 19    | 6     | 1    | 2   | 5   |  |                           |
| Newark, NJ                  | 49                         | 24    | 13    | 7     | 1    | 4  | 2           | Baton Rouge, LA              | U              | U                          | U     | U     | U    | U   | U   |  |                           |
| Paterson, NJ                | 7                          | 3     | 1     | —     | 1    | 2  | 2           | Corpus Christi, TX           | 47             | 36                         | 8     | 3     | —    | —   | 2   |  |                           |
| Philadelphia, PA            | 160                        | 100   | 40    | 13    | 5    | 2  | 7           | Dallas, TX                   | 189            | 92                         | 55    | 22    | 8    | 11  | 8   |  |                           |
| Pittsburgh, PA <sup>§</sup> | 39                         | 29    | 8     | 1     | —    | 1  | 3           | El Paso, TX                  | 89             | 56                         | 26    | 4     | 1    | 2   | 2   |  |                           |
| Reading, PA                 | 30                         | 26    | 3     | —     | —    | 1  | 1           | Fort Worth, TX               | 117            | 72                         | 30    | 6     | 2    | 7   | 8   |  |                           |
| Rochester, NY               | 149                        | 110   | 30    | 3     | 3    | 3  | 11          | Houston, TX                  | 342            | 200                        | 89    | 34    | 12   | 7   | 18  |  |                           |
| Schenectady, NY             | 27                         | 17    | 7     | 1     | 2    | —  | 1           | Little Rock, AR              | 72             | 40                         | 19    | 4     | 5    | 4   | 3   |  |                           |
| Scranton, PA                | 32                         | 28    | 3     | 1     | —    | —  | 2           | New Orleans, LA <sup>†</sup> | U              | U                          | U     | U     | U    | U   | U   |  |                           |
| Syracuse, NY                | 141                        | 114   | 21    | 3     | —    | 3  | 10          | San Antonio, TX              | 162            | 97                         | 46    | 13    | 3    | 3   | 6   |  |                           |
| Trenton, NJ                 | 22                         | 17    | 1     | 3     | —    | 1  | —           | Shreveport, LA               | 64             | 38                         | 15    | 5     | 2    | 4   | 5   |  |                           |
| Utica, NY                   | 16                         | 10    | 3     | 2     | 1    | —  | 1           | Tulsa, OK                    | 121            | 79                         | 27    | 4     | 3    | 8   | 5   |  |                           |
| Yonkers, NY                 | 19                         | 16    | 2     | 1     | —    | —  | 3           | <b>Mountain</b>              | 958            | 573                        | 251   | 83    | 32   | 19  | 53  |  |                           |
| <b>E.N. Central</b>         | 2,027                      | 1,260 | 484   | 168   | 63   | 52 | 100         | Albuquerque, NM              | 127            | 80                         | 31    | 8     | 6    | 2   | 6   |  |                           |
| Akron, OH                   | 45                         | 27    | 14    | 3     | —    | 1  | 2           | Boise, ID                    | 59             | 36                         | 16    | 4     | 2    | 1   | 5   |  |                           |
| Canton, OH                  | 29                         | 20    | 7     | 2     | —    | —  | 7           | Colorado Springs, CO         | 67             | 37                         | 18    | 10    | 2    | —   | 4   |  |                           |
| Chicago, IL                 | 358                        | 190   | 107   | 36    | 18   | 7  | 23          | Denver, CO                   | 79             | 55                         | 19    | —     | 2    | 3   | 6   |  |                           |
| Cincinnati, OH              | 90                         | 49    | 25    | 5     | 7    | 4  | 7           | Las Vegas, NV                | 233            | 130                        | 64    | 27    | 9    | 3   | 6   |  |                           |
| Cleveland, OH               | 225                        | 154   | 45    | 17    | 5    | 4  | 8           | Ogden, UT                    | 36             | 24                         | 8     | 2     | 1    | 1   | 2   |  |                           |
| Columbus, OH                | 188                        | 126   | 46    | 12    | 3    | 1  | 16          | Phoenix, AZ                  | 135            | 74                         | 39    | 15    | 4    | 3   | 8   |  |                           |
| Dayton, OH                  | 112                        | 85    | 21    | 4     | 1    | 1  | 6           | Pueblo, CO                   | 26             | 16                         | 6     | 4     | —    | —   | 1   |  |                           |
| Detroit, MI                 | 188                        | 90    | 54    | 20    | 13   | 11 | 2           | Salt Lake City, UT           | 131            | 77                         | 33    | 10    | 5    | 6   | 12  |  |                           |
| Evansville, IN              | 61                         | 39    | 13    | 4     | 3    | 2  | —           | Tucson, AZ                   | 65             | 44                         | 17    | 3     | 1    | —   | 3   |  |                           |
| Fort Wayne, IN              | 60                         | 42    | 12    | 3     | 1    | 2  | 1           | <b>Pacific</b>               | 1,249          | 833                        | 280   | 80    | 26   | 30  | 88  |  |                           |
| Gary, IN                    | 26                         | 8     | 8     | 6     | 3    | 1  | —           | Berkeley, CA                 | 12             | 9                          | 2     | —     | —    | 1   | 1   |  |                           |
| Grand Rapids, MI            | 43                         | 26    | 10    | 5     | 1    | 1  | 2           | Fresno, CA                   | 130            | 88                         | 25    | 13    | 2    | 2   | 17  |  |                           |
| Indianapolis, IN            | 177                        | 102   | 48    | 15    | 4    | 8  | 11          | Glendale, CA                 | U              | U                          | U     | U     | U    | U   | U   |  |                           |
| Lansing, MI                 | 42                         | 32    | 6     | 4     | —    | —  | —           | Honolulu, HI                 | 77             | 48                         | 18    | 8     | 2    | 1   | 7   |  |                           |
| Milwaukee, WI               | 87                         | 53    | 26    | 3     | 1    | 4  | 4           | Long Beach, CA               | 46             | 28                         | 7     | 8     | 1    | 2   | 4   |  |                           |
| Peoria, IL                  | 56                         | 42    | 6     | 3     | 1    | 4  | 4           | Los Angeles, CA              | U              | U                          | U     | U     | U    | U   | U   |  |                           |
| Rockford, IL                | 35                         | 28    | 2     | 5     | —    | —  | 1           | Pasadena, CA                 | 24             | 15                         | 7     | 1     | 1    | —   | 2   |  |                           |
| South Bend, IN              | 40                         | 33    | 4     | 2     | 1    | —  | 1           | Portland, OR                 | 119            | 77                         | 32    | 4     | 2    | 4   | 2   |  |                           |
| Toledo, OH                  | 93                         | 61    | 23    | 8     | 1    | —  | 1           | Sacramento, CA               | 172            | 114                        | 45    | 11    | 1    | 1   | 7   |  |                           |
| Youngstown, OH              | 72                         | 53    | 7     | 11    | —    | 1  | 4           | San Diego, CA                | 126            | 91                         | 23    | 6     | 2    | 4   | 13  |  |                           |
| <b>W.N. Central</b>         | 526                        | 340   | 120   | 33    | 21   | 12 | 32          | San Francisco, CA            | 119            | 71                         | 32    | 12    | —    | 4   | 12  |  |                           |
| Des Moines, IA              | —                          | —     | —     | —     | —    | —  | —           | San Jose, CA                 | 147            | 101                        | 36    | 2     | 6    | 2   | 10  |  |                           |
| Duluth, MN                  | 24                         | 17    | 7     | —     | —    | —  | 1           | Santa Cruz, CA               | 30             | 18                         | 9     | 1     | —    | 2   | 1   |  |                           |
| Kansas City, KS             | 18                         | 11    | 6     | 1     | —    | —  | 1           | Seattle, WA                  | 137            | 91                         | 26    | 11    | 6    | 3   | 7   |  |                           |
| Kansas City, MO             | 87                         | 59    | 18    | 7     | 1    | 2  | 3           | Spokane, WA                  | 30             | 19                         | 7     | 1     | —    | 3   | 2   |  |                           |
| Lincoln, NE                 | 37                         | 31    | 3     | —     | 2    | 1  | 3           | Tacoma, WA                   | 80             | 63                         | 11    | 2     | 3    | 1   | 3   |  |                           |
| Minneapolis, MN             | 76                         | 47    | 16    | 7     | 3    | 3  | 4           | <b>Total</b>                 | 10,305**       | 6,560                      | 2,474 | 759   | 260  | 250 | 565 |  |                           |
| Omaha, NE                   | 94                         | 57    | 24    | 9     | 4    | —  | 9           |                              |                |                            |       |       |      |     |     |  |                           |
| St. Louis, MO               | 87                         | 46    | 25    | 6     | 8    | 2  | 6           |                              |                |                            |       |       |      |     |     |  |                           |
| St. Paul, MN                | 53                         | 37    | 12    | 1     | —    | 3  | 5           |                              |                |                            |       |       |      |     |     |  |                           |
| Wichita, KS                 | 50                         | 35    | 9     | 2     | 3    | 1  | —           |                              |                |                            |       |       |      |     |     |  |                           |

U: Unavailable. —:No reported cases.

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

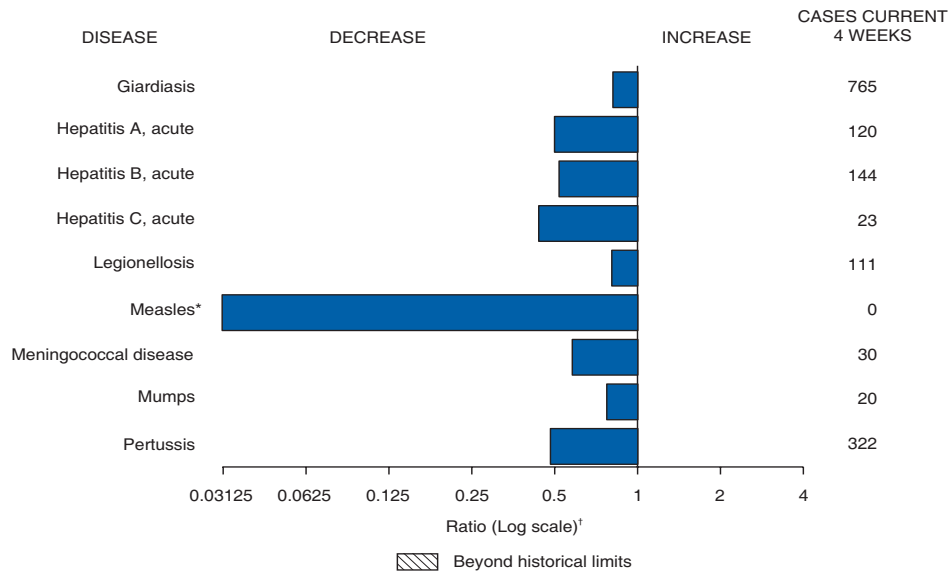
† Pneumonia and influenza.

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

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

\*\* Total includes unknown ages.

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



\* No measles cases were reported for the current 4-week period yielding a ratio for week 31 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.

**Notifiable Disease Data Team and 122 Cities Mortality Data Team**

Patsy A. Hall

Deborah A. Adams

Willie J. Anderson

Lenee Blanton

Rosaline Dhara

Carol Worsham

Pearl C. Sharp









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