MMWR™
Morbidity and Mortality Weekly Report
Weekly June 16, 2006 / Vol. 55 / No. 23

# Malaria in Multiple Family Members — Chicago, Illinois, 2006

Human malaria is a parasitic disease transmitted through the bite of an infected female *Anopheles* mosquito. Most malaria cases in the United States occur in travelers who recently visited areas where malaria is endemic without taking adequate chemoprophylaxis (*1*). This report describes five cases of *Plasmodium falciparum* malaria that occurred in a family residing near Chicago, Illinois, during 2006. These cases underscore the importance of malaria-prevention measures (e.g., avoidance of mosquito bites and appropriate chemoprophylaxis) for travelers to malaria-endemic areas.

In February 2006, three boys aged 10, 6, and 4 years (patients 1, 2, and 3, respectively [Table]) were hospitalized for complicated *P. falciparum* malaria (i.e., malaria with potentially life-threatening manifestations). They were members of a family of seven, including the two parents, the three male patients, and two girls aged 11 and 2 years (patients 4 and 5, respectively), all of whom had traveled in 2005 and early 2006 to Nigeria, the native country of the parents and their oldest daughter. The four youngest children, including the three boys and the girl aged 2 years, were born in the United States, where the family had lived for 10 years.

Before the trip to Nigeria, the parents had asked their local health department about malaria medications. They were told that antimalarial drugs were available. However, they assumed incorrectly that the drugs were to be taken for treatment only and did not realize that the drugs could also be used for chemoprophylaxis; therefore, they did not request a prescription. The mother and the three youngest children spent 3 months in Nigeria; the father and the two oldest children stayed 5 weeks. The family visited friends and relatives in various locations of Nigeria (e.g., Abuja, Ilorin, Kano, and Lagos) without taking malaria chemoprophylaxis. During their travel, three of the children (patients 2, 3, and 5) had onset of separate febrile episodes that were treated uneventfully with antibiotics, ibuprofen, and sulfadoxine-pyrimethamine (Fansidar®), all recommended by a local physician. All family members returned to the United States in January 2006.

Two weeks after their return, the four oldest children (the three boys and the girl aged 11 years) had onset of influenza-like symptoms, including fever and headaches, and were treated at a local clinic with antipyretics and amoxicillin. Three days later, the parents noticed that the eyes of the three boys (patients 1, 2, and 3) had yellow scleras and took them to the hospital. On examination, all three were febrile and jaundiced, and the boy aged 10 years (patient 1) appeared ill and had pallor and severe back pain. Blood smears confirmed the diagnosis of *P. falciparum* malaria in all three patients; the boy aged 4 years (patient 3) had a high parasitemia at 4.8%. Other abnormal laboratory findings for all three patients included anemia, thrombocytopenia, hyperbilirubinemia, and elevated aminotransferase levels. The boy aged 10 years (patient 1) had severe metabolic acidosis and hypoglycemia (glucose: 25 mg/dL; blood pH: 7.1; base excess: -15 mEq/L).

Because patients 1, 2, and 3 each had at least one manifestation of complicated malaria (e.g., acidosis, hypoglycemia, severe anemia, or jaundice) (*2*), all three were admitted to the pediatric intensive care unit and treated with intravenous quinidine combined with doxycycline (patient 1) or clindamycin (patients 2 and 3, in whom doxycycline was contraindicated because they were aged <8 years) (*3*). The boy aged 10 years (patient 1) had a hyperhemolytic syndrome with markedly decreased hemoglobin concentration, severe metabolic acido-

**INSIDE**



DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION

The *MMWR* series of publications is published by the Coordinating Center for Health Information and Service, Centers for Disease Control and Prevention (CDC), U.S. Department of Health and Human Services, Atlanta, GA 30333.

**Suggested Citation:** Centers for Disease Control and Prevention. [Article title]. MMWR 2006;55:[inclusive page numbers].



sis, and hypoglycemia and therefore required intubation, dextrose infusion, transfusions of red blood cells and fresh frozen plasma, erythrophoresis (exchange transfusion), and plasmapheresis. The boy aged 4 years (patient 3) required packed red blood cell transfusions for anemia. The boys aged 6 and 4 years (patients 2 and 3, respectively) had prolonged QT intervals on electrocardiogram, which resolved after discontinuation of the intravenous quinidine. Parasitemia in all three patients had resolved by the third day of hospitalization, and all three children were discharged in good condition after 1 week.

The day after hospitalization of the three boys, their two sisters also were tested by blood smear and determined to be infected with *P. falciparum*, albeit at lower parasite densities. The girl aged 11 years (patient 4) had fever and headache; her sister aged 2 years (patient 5) was asymptomatic (Table). Both were hospitalized in a general pediatric unit and treated successfully with oral quinine combined with either doxycycline or clindamycin; parasitemia resolved by the third day of hospitalization.

The parents reported that patients 1 and 5 had sickle cell disease. Subsequent hemoglobin electrophoresis indicated that all five children had either sickle cell disease (SS) or sickle cell trait (SA).

Infection with *P. falciparum* was confirmed by polymerase chain reaction (PCR) performed at CDC on the pretreatment blood specimens of patients 1, 2, 3, and 4 (*4*). No pretreatment blood sample was available for patient 5; PCR results for a posttreatment specimen (obtained 1 day after completion of quinine therapy) were negative.

Both parents were asymptomatic. They consulted their primary physician, who treated them presumptively with mefloquine, without taking a blood smear.

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**Editorial Note:** The high attack rate reported in the family described in this report illustrates the elevated risk for malaria in travelers to sub-Saharan Africa. Among 1,190 imported cases of malaria reported in the United States during 2004 for which the region of acquisition was known, 68% were acquired in Africa, with the majority of cases attributed to *P. falciparum* (*1*), the species that most typically causes severe malaria in humans. Three of the five infected children described in this report had complicated malaria and required treatment in the intensive care unit.

All five children had the sickle cell gene; two were SS homozygotes, and three were heterozygotes. The sickle cell

**TABLE. Clinical and laboratory findings on hospital admission and treatment of *Plasmodium falciparum* malaria in five siblings, by selected characteristics — Chicago, Illinois, 2006**

| Characteristic | Patient 1 | Patient 2 | Patient 3 | Patient 4 | Patient 5 |
|---|---|---|---|---|---|
| **Age (yrs)** | 10 | 6 | 4 | 11 | 2 |
| **Sex** | Male | Male | Male | Female | Female |
| **Signs/Symptoms** | Fever, back and limb pain, fatigue, jaundice | Fever, jaundice | Fever, jaundice | Fever, headache | None |
| **Laboratory findings** | | | | | |
| Blood smear | *P. falciparum* | *P. falciparum* | *P. falciparum* | *P. falciparum* | *P. falciparum* |
| Parasitemia (% erythrocytes infected) | 0.13 | 0.43 | 4.80 | 0.13 | 0.02 |
| Polymerase chain reaction (PCR)* | *P. falciparum* | *P. falciparum* | *P. falciparum* | *P. falciparum* | — |
| Hemoglobin (g/dL) | 5.9 | 8.8 | 7.6 | 10.5 | 9.3 |
| Platelets (per $mm^3$) | 137,000 | 56,000 | 38,000 | 154,000 | 280,000 |
| Total bilirubin (mg/dL) | 25 | 9 | 2.5 | 1.5 | 0.7 |
| Aspartate aminotransferase (U/L) | 743 | 112 | 112 | 40 | 102 |
| Hemoglobin electrophoresis | Sickle cell disease (SS) | Sickle cell trait (SA) | Sickle cell trait (SA) | Sickle cell trait (SA) | Sickle cell disease (SS) |
| **Treatment** | Quinidine and doxycycline | Quinidine and clindamycin | Quinidine and clindamycin | Quinine and doxycycline | Quinine and clindamycin |
| | Red blood cell and fresh frozen plasma transfusions | | Red blood cell transfusions | | |
| | Erythrophoresis (exchange transfusion) | | | | |
| | Plasmapheresis | | | | |
| | Assisted ventilation | | | | |
| | Dextrose infusion | | | | |
| | Broad-spectrum antibiotics | | | | |

* PCR on pretreatment blood samples, except in patient 5, for whom no pretreatment blood was available.

gene is found more commonly in persons of African descent because the sickle cell trait confers a selective advantage, resistance to severe malaria (*5*). In a recent large cohort study of Kenyan children, the sickle cell trait was found to be approximately 50% protective against mild clinical malaria, 75% protective against admission to the hospital for malaria, and 90% protective against severe or complicated malaria *(6).* However, two of the three patients with sickle cell trait described in this report (patients 2 and 3) still had complicated malaria. Patient 1 had a low parasitemia but was severely ill, probably because of hyperhemolysis related to sickle cell disease. In a study from Nigeria, malaria was found to be an important risk factor for hyperhemolytic crisis in children with sickle cell disease (*7*).

These five cases underscore the importance of preventive measures, including avoidance of mosquito bites and appropriate chemoprophylaxis, for travelers to malaria-endemic areas (*8*). The majority of cases of imported malaria occur in travelers who have not taken appropriate prophylaxis. Among U.S. civilians with imported malaria reported in 2004, approximately 76% had not taken any prophylaxis or had taken prophylaxis that did not conform to CDC recommendations (*1*). Failure to take prophylaxis is a major contributing factor to malaria cases and deaths in U.S. travelers (*9*). Especially low compliance rates are reported among U.S. residents born in malaria-endemic areas who return to their country of origin to visit friends and relatives, a situation derived from various cultural and economic factors, such as misperception that malaria is not a serious illness or lack of adequate insurance coverage (*10*). Acquired immunity to malaria is never complete and persists only through continual reexposure to malaria. Persons born in a malaria-endemic country who move to a nonendemic area are at risk for symptomatic and severe malaria upon return to their native country, unless they take preventive measures. Travelers who have onset of malaria while visiting a malaria-endemic country might receive a treatment that does not adhere to CDC guidelines; for example, the drug used to treat presumed malaria in

three of the children during their travel (sulfadoxine-pyrimethamine) is no longer recommended by CDC because of drug resistance and adverse drug effects (*3*).

Prophylaxis recommendations should be based on risk for malaria acquisition, occurrence of drug resistance in the areas to be visited, and traveler characteristics (e.g., age, reproductive status, and medical history). For example, chloroquine-resistant malaria is widespread in sub-Saharan Africa, including Nigeria, and resistance to sulfadoxine-pyrimethamine also occurs in this region. Malaria can affect both adults and children. Among 732 cases of malaria in U.S. civilians of known age reported in the United States during 2004, approximately 11% were in children aged <15 years. Detailed recommendations for preventing malaria in traveling infants and children are available from CDC.* In addition, recommendations for prevention of malaria in travelers of all ages are available.† Finally, CDC biannually publishes recommendations in *Health Information for International Travel* (i.e., "The Yellow Book") (*8*), which is available for purchase (telephone, 800-545-2522) and available and updated more frequently on the CDC website.§

* Available at http://www.cdc.gov/travel/mal_kids_hc.htm.
† Available at http://www.cdc.gov/travel/diseases.htm#malaria and http://www.cdc.gov/malaria/travel/index.htm.
§ Available at http://www.cdc.gov/travel.

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# Update: Influenza Activity — United States and Worldwide, 2005–06 Season, and Composition of the 2006–07 Influenza Vaccine

During the 2005–06 influenza season, influenza A (H1N1), A (H3N2), and B viruses cocirculated worldwide. In the United States, influenza A (H3N2) viruses predominated overall, but influenza B viruses were isolated more frequently than influenza A viruses late in the season. Influenza activity in the United States peaked in early March, and the number of pneumonia and influenza deaths did not exceed the epidemic threshold. Worldwide, influenza B viruses were the most commonly reported influenza type in Europe; influenza A (H1N1) and influenza B viruses predominated in Asia. Through June 13, 2006, outbreaks of influenza A (H5N1) viruses (avian influenza) among migratory birds and poultry flocks were associated with severe human illness or death in 10 countries (Azerbaijan, Cambodia, China, Djibouti, Egypt, Indonesia, Iraq, Thailand, Turkey, and Vietnam). This report summarizes influenza activity in the United States and worldwide during the 2005–06 influenza season and describes composition of the 2006–07 influenza vaccine.

## United States

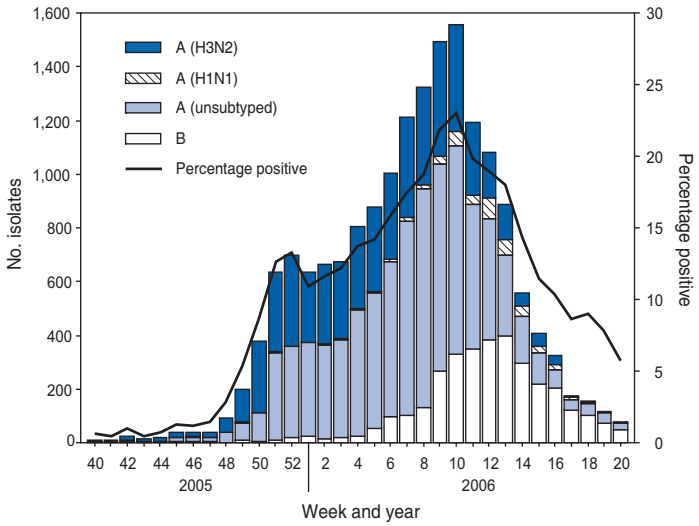
The national percentage of respiratory specimens testing positive for influenza and the proportion of outpatient visits to sentinel providers for influenza-like illness (ILI)* peaked in early March 2006. Influenza A (H3N2) viruses were most commonly isolated overall, but influenza B viruses were more frequently identified than influenza A viruses during late April and May. A small number of influenza A (H1N1) viruses also were identified.

## Viral Surveillance

During October 2, 2005–May 20, 2006, World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System collaborating laboratories in the United States tested 139,647 specimens for influenza viruses, and 17,414 (12.5%) were positive (Figure 1). Of these, 14,093 (80.9%) were influenza A viruses, and 3,321 (19.1%) were influenza B viruses. Among the influenza A viruses, 5,661 (40.2%) were subtyped; 5,231 (92.4%) of those were influenza A (H3N2) viruses, and 430 (7.6%) were influenza A (H1N1) viruses. The proportion of specimens testing positive for influenza first exceeded 10% during the week ending

* Defined as a temperature of ≥100.0°F (≥37.8°C), oral or equivalent, and cough and/or sore throat in the absence of a known cause other than influenza.

**FIGURE 1. Number* and percentage of respiratory specimens testing positive for influenza viruses reported by World Health Organization and National Respiratory and Enteric Virus Surveillance System collaborating laboratories, by week and year — United States, 2005–06 influenza season†**




*N = 139,647.
†As of June 2, 2006.

December 24, 2005 (week 51), peaked at 23.0% during the week ending March 11, 2006 (week 10), and declined to <10% during the week ending April 29, 2006 (week 17), for a total of 18 consecutive weeks during which more than 10% of specimens tested positive. Peak percentage of specimens testing positive for influenza ranged from 23.2% to 41.0% during the preceding five influenza seasons, and the peak occurred during early December to late February ([*1*]; CDC, unpublished data, 2006). Also during the preceding five seasons, the number of consecutive weeks during which more than 10% of specimens tested positive for influenza ranged from 11 to 15 weeks (CDC, unpublished data, 2006).

## Composition of the Influenza Vaccine for the 2006–07 Season

The Food and Drug Administration's Vaccines and Related Biological Products Advisory Committee has recommended that the 2006–07 trivalent influenza vaccine for the United States contain A/New Caledonia/20/99-like (H1N1), A/Wisconsin/67/2005-like (H3N2), and B/Malaysia/2506/2004-like viruses. This represents a change in the influenza A (H3N2) and influenza B components. For the A/Wisconsin/67/2005-like (H3N2) virus, U.S. vaccine manufacturers can use A/Wisconsin/67/2005 or the antigenically equivalent A/Hiroshima/52/2005 strain. For the influenza B component, either the B/Malaysia/2506/2004 or B/Ohio/1/2005 strain can be used. This recommendation is based on antigenic analyses of recently isolated influenza viruses, epidemiologic data, and postvaccination serologic studies in humans.

## Antigenic Characterization

Since October 1, 2005, CDC has antigenically characterized 828 influenza viruses collected by U.S. laboratories: 503 influenza A (H3N2) viruses, 88 influenza A (H1N1) viruses, and 237 influenza B viruses. Of the 503 influenza A (H3N2) viruses, 381 (75.7%) were characterized as A/California/07/2004-like, the influenza A (H3N2) component recommended for the 2005–06 influenza vaccine, and 122 (24.3%) viruses demonstrated reduced titers with antisera produced against A/California/07/2004. Of the 122 low-reacting viruses, 96 were tested with antisera produced against A/Wisconsin/67/2005, the H3N2 component selected for the 2006–07 vaccine, and 70 were A/Wisconsin-like. The hemagglutinin proteins of 85 (96.6%) of the 88 influenza A (H1N1) viruses were antigenically similar to the hemagglutinin of the vaccine strain A/New Caledonia/20/99, and three (3.4%) showed reduced titers with antisera produced against A/New Caledonia/20/99. Influenza B viruses currently circulating can be divided into two antigenically distinct lineages represented by B/Yamagata/16/88 and B/Victoria/2/87 viruses. Fifty-two (21.9%) of the 237 influenza B viruses that have been characterized belong to the B/Yamagata lineage; eight were similar to B/Shanghai/361/2002, the recommended influenza B component for the 2005–06 influenza vaccine, 43 were characterized as B/Florida/07/2004-like (a minor antigenic variant of B/Shanghai/361/2002), and one showed reduced titers with antisera produced against both B/Shanghai/361/2002 and B/Florida/07/2004. A total of 185 (78.1%) of the 237 influenza B viruses were identified as belonging to the B/Victoria lineage; 184 were similar to B/Ohio/1/2005, the influenza B component selected for the 2006–07 vaccine, and one showed reduced titers with antisera produced against B/Ohio/1/2005.

## ILI Surveillance

The weekly percentage of patient visits to U.S. sentinel providers for ILI exceeded baseline levels† (2.2%) during the weeks ending December 17, 2005–April 1, 2006 (weeks 50–13) and peaked twice, once at 3.3% for the week ending December 31,

† The national baseline was calculated as the mean percentage of patient visits for ILI during noninfluenza weeks for the preceding three influenza seasons, plus two standard deviations. Noninfluenza weeks are those in which <10% of laboratory specimens are positive for influenza. Wide variability in regional data precludes calculating region-specific baselines; therefore, applying the national baseline to regional data is inappropriate. National and regional percentages of patient visits for ILI are weighted on the basis of state population.

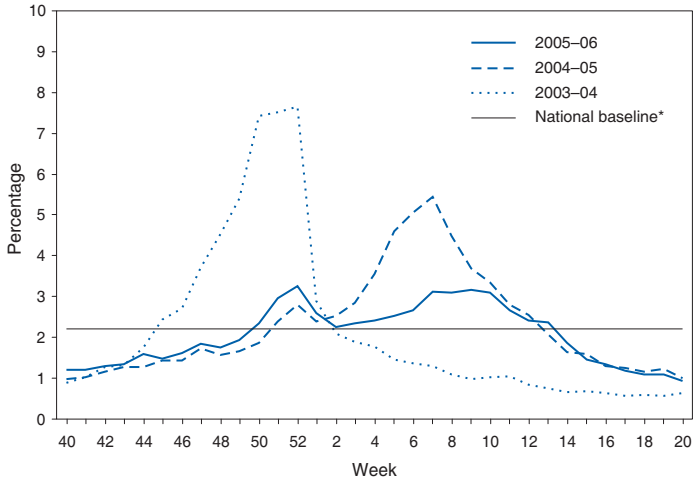
2005 (week 52), and again at 3.2% for the week ending March 4, 2006 (week 9) (Figure 2). During the preceding five influenza seasons, the peak percentage of patient visits for ILI ranged from 3.2% to 7.6%, and the peak occurred during late December to mid-February ([*1*]; CDC, unpublished data, 2006).

## State-Specific Activity Levels

Influenza activity, as reported by state and territorial epidemiologists, peaked during the week ending March 11, 2006 (week 10), when 25 states reported widespread activity and 16 states reported regional activity.[§] Thirty-eight states and New York City reported widespread influenza at least once during the 2005–06 season. No states reported widespread influenza activity during the weeks ending April 22–May 20, 2006 (weeks 16–20). The peak number of states reporting widespread or regional activity during the preceding five influenza seasons ranged from 45 to 50 states ([*1*]; CDC, unpublished data, 2006).

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

**FIGURE 2. Percentage of visits for influenza-like illness (ILI) reported by the Sentinel Provider Surveillance Network, by week — United States, 2003–04, 2004–05, and 2005–06 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 <10% of laboratory specimens are positive for influenza. Wide variability in regional data precludes calculating region-specific baselines; therefore, applying the national baseline to regional data is inappropriate. National and regional percentages of patient visits for ILI are weighted on the basis of state population.

## Pneumonia- and Influenza-Related Mortality

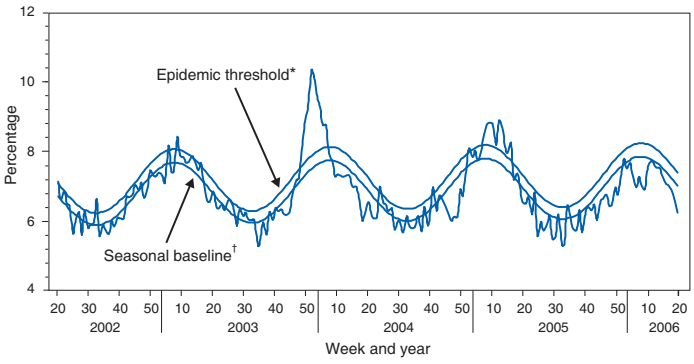
During the 2005–06 influenza season, the percentage of deaths attributed to pneumonia and influenza (P&I) as reported by the 122 Cities Mortality Reporting System did not exceed the epidemic threshold[¶] (Figure 3). The percentage of P&I deaths peaked twice at 7.8%, once during the week ending January 14, 2006 (week 2), and again during the week ending March 18, 2006 (week 11). During the preceding five influenza seasons, the peak percentage of P&I deaths ranged from 8.1% to 10.4%, and the total number of weeks above the epidemic threshold ranged from 4 to 16 ([*1*]; CDC, unpublished data, 2006).

## 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, 2005–April 30, 2006, the preliminary influenza-associated hospitalization rate reported by EIP for children aged 0–17 years was 1.21 per 10,000. For children aged 0–4 and 5–17 years, the rates were 2.76 and 0.38 per 10,000, respectively. In NVSN, during October 30,

[¶] 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, 2002–2006**




* 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.

2005–April 29, 2006, the preliminary laboratory-confirmed influenza-associated hospitalization rate for children aged 0–4 years was 5.4 per 10,000. EIP and NVSN hospitalization data collection ended on April 30, 2006. Rate estimates are preliminary and might change as data are finalized.

During 2000–2005, the end-of-season hospitalization rate for NVSN ranged from 3.7 (2002–03) to 12.0 (2003–04) per 10,000 children aged 0–4 years. During the 2003–04 influenza season, the end-of-season hospitalization rate for EIP was 8.9 per 10,000 children aged 0–4 years and 0.8 per 10,000 children aged 5–17 years; during the 2004–05 season, the rates were 3.3 and 0.6, respectively. Differences in rate estimates between the NVSN and the EIP systems likely result from the different case-finding methods and the different populations monitored.**

## Influenza-Related Pediatric Mortality

During October 2, 2005–June 3, 2006, a total of 35 deaths among children aged <18 years associated with laboratory-confirmed influenza infections during the 2005–06 influenza season were reported to CDC from 13 states (Arizona, California, Colorado, Connecticut, Kansas, New Jersey, New Mexico, Oklahoma, Pennsylvania, Rhode Island, Vermont, Virginia, and Wyoming) and New York City. Four (11.4%) of the children were aged <6 months, 11 (31.4%) were aged 6–23 months, four (11.4%) were aged 2–4 years, and 16 (45.7%) were aged 5–17 years. Of the 31 patients for whom influenza virus type was known, 23 had influenza A virus infection and eight had influenza B virus infection. All eight pediatric deaths attributed to influenza B infection occurred from late March through May. These data are provisional and subject to change as more information becomes available.

** 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 children 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 assay, RT-PCR, or a commercial rapid antigen test) from testing conducted as a part of their routine care.

## Worldwide

During the 2005–06 influenza season, influenza A (H1N1), A (H3N2), and B viruses cocirculated worldwide. In Africa, small numbers of influenza A and B viruses were reported. In Asia, influenza A (H1N1) and influenza B viruses predominated. Influenza A (H3N2) viruses circulated at lower levels overall in Asia but predominated in some countries. In Europe, influenza B viruses were most commonly reported, but influenza A (H1N1) and A (H3N2) viruses also were identified frequently.

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

During December 1, 2003–June 13, 2006, a total of 225 human cases of avian influenza A (H5N1) infection were reported to WHO from 10 countries (*2*). Of these, 128 (57%) were fatal (Table). All cases were reported from Asia (Azerbaijan, Cambodia, China, Indonesia, Iraq, Thailand, Turkey, and Vietnam) or Africa (Djibouti and Egypt). To date, no human case of avian influenza A (H5N1) virus infection has been identified in the United States.

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**TABLE. Number of laboratory-confirmed human cases and deaths from avian influenza A (H5N1) infection reported to the World Health Organization, by country — worldwide, 2003–2006***

| | Year of onset | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2003 | | 2004 | | 2005 | | 2006 | | Total | |
| Country | 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 | **8** | **5** |
| Cambodia | 0 | 0 | 0 | 0 | 4 | 4 | 2 | 2 | **6** | **6** |
| China | 0 | 0 | 0 | 0 | 8 | 5 | 10 | 7 | **18** | **12** |
| Djibouti | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | **1** | **0** |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | **14** | **6** |
| Indonesia | 0 | 0 | 0 | 0 | 17 | 11 | 32 | 26 | **49** | **37** |
| Iraq | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | **2** | **2** |
| Thailand | 0 | 0 | 17 | 12 | 5 | 2 | 0 | 0 | **22** | **14** |
| Turkey | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 4 | **12** | **4** |
| Vietnam | 3 | 3 | 29 | 20 | 61 | 19 | 0 | 0 | **93** | **42** |
| **Total** | **3** | **3** | **46** | **32** | **95** | **41** | **81** | **52** | **225** | **128** |

* As of June 13, 2006.

**Editorial Note:** During the 2005–06 influenza season, influenza activity in the United States peaked in early March and excess mortality was not detected. In the United States, influenza A (H3N2) viruses predominated during most of the season, but influenza B viruses were more frequently identified than influenza A viruses during late April through May. Worldwide, influenza B viruses were reported most commonly in many European countries, and influenza A (H1N1) and influenza B viruses predominated in Asia.

In the United States, the majority of influenza A (H3N2) and A (H1N1) viruses were characterized as A/California/07/2004-like and A/New Caledonia/20/99, respectively, the recommended influenza A components of the 2005–06 influenza vaccine. In the early months of the season, the majority of influenza B isolates matched the B/Shanghai/361/2002 strain (or its minor antigenic variant B/Florida/07/2004), the recommended influenza B component for the 2005–06 vaccine; however, later in the season, the majority of influenza B isolates matched the B/Ohio/1/2005 strain. The B/Ohio/1/2005 virus has been selected as the influenza B component for the 2006–07 influenza vaccine.

As a supplement to influenza vaccination, antiviral drugs have aided in the control and prevention of influenza. However, the 2005–06 influenza season was notable because of the emergence of a high level of resistance among circulating influenza A (H3N2) viruses to the antiviral adamantanes (i.e., amantadine and rimantadine). Of 209 influenza A (H3N2) virus isolates collected from 26 states and sent to CDC during October 1–December 31, 2005, a total of 193 (92.3%) were resistant to adamantanes (*3*). On the basis of these findings, in January 2006, CDC recommended against use of the adamantane class of antivirals for the treatment and prophylaxis of influenza in the United States until susceptibility to adamantanes has been reestablished among circulating influenza A isolates (*4*). A high level of resistance to adamantanes (>90%) by influenza A (H3N2) viruses continued to be observed among specimens tested through May 2006.

As of June 13, 2006, influenza A (H5N1) had been reported in migratory birds or poultry flocks in Africa (Burkina Faso, Cameroon, Côte d'Ivoire, Djibouti, Egypt, Niger, Nigeria, and Sudan), Asia (Afghanistan, Azerbaijan, Cambodia, China, Georgia, Hong Kong, Kazakhstan, India, Indonesia, Iraq, Iran, Israel, Jordan, Malaysia, Mongolia, Myanmar, Palestinian Autonomous Territories, Pakistan, Thailand, Turkey, and Vietnam), and Europe (Albania, Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, France, Germany, Greece, Hungary, Italy, Poland, Romania, Russia, Serbia-Montenegro, Slovakia, Slovenia, Sweden, Switzerland, Ukraine, and the United Kingdom) (*5*). The spread of the virus can be associated, in part, with the movement of wild migratory birds from Asia (*6*), suggesting that apparently healthy birds can carry the virus over long distances (*7*). No evidence of sustained person-to-person transmission of influenza A (H5N1) viruses has been reported to date, but rare cases of person-to-person transmission likely have occurred (*8*).

In collaboration with local and state health departments, CDC continues to recommend enhanced surveillance for possible influenza A (H5N1) infection among travelers with severe unexplained respiratory illness returning from influenza A (H5N1)-affected countries (*9*). Additional information on 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.


## 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.


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## Assessing Risk Factors for Chronic Disease — Jordan, 2004

In 2003, chronic diseases were the leading cause of mortality in Jordan; 38.2% of deaths were attributed to cardiovascular disease and 14.3% to cancer (Jordan Ministry of Health [MOH], unpublished data, 2004). In 2002, MOH, with assistance from CDC and the World Health Organization (WHO), established a behavioral risk factor surveillance program to monitor risk factors associated with chronic diseases (*1*). This report summarizes the findings of the second Behavioral Risk Factor Survey, which was conducted in Jordan in 2004. The findings indicated that the prevalence of obesity had increased by 52.3% in Jordan since 2002. In addition, cancer screening rates among women and seatbelt use rates overall were low compared with U.S. rates. Development and implementation of a national plan to prevent and control chronic diseases is needed.

The first national Behavioral Risk Factor Survey in Jordan, conducted in 2002, was created by adding questions to the quarterly, multistage, cross-sectional employment survey from the Jordan Department of Statistics. The 2004 Behavioral Risk Factor survey was conducted by MOH using similar sampling methodology but included additional questions on chronic disease risk factors. The survey was conducted among a nationally representative sample of adults aged ≥18 years. In each household, one adult was selected randomly and interviewed in person. Interviews were conducted during October 1–December 13, 2004; a total of 3,334 adults were interviewed (response rate: 94.7%). The survey included questions on demographics, health status, health-care access, hypertension awareness, cholesterol awareness, diabetes, asthma, heart disease, tobacco use, seatbelt use, physical activity, nutrition, weight and height, oral health, eyesight, women's health, medical services, and screening.

Data on self-reported weight and height were used to calculate body mass index (BMI) (kg/m$^2$). Overweight was classified as a BMI of 25.0–29.9, and obese was classified as a BMI of ≥30.0. Weights and heights were self reported.

For cultural reasons, only married women were asked how long it had been since their most recent Papanicolaou test; all women aged ≥35 years were asked how long it had been since their most recent mammogram. All respondents were asked whether they had ever had their blood pressure or cholesterol level checked by a health-care professional and whether a health-care professional had ever told them they had high blood pressure, high cholesterol, asthma, or diabetes. Screening for diabetes complications was assessed by asking, "How many times during the last 12 months has a health professional checked your feet for any sores or irritations?" and "When was the last time you had an eye exam by an ophthalmologist?" Gestational diabetes was excluded, and type of diabetes was not assessed.

Health status was assessed by asking, "Would you say that in general your health is excellent, very good, good, fair, or poor?" Vigorous physical activity was assessed by asking, "On average, how many days a week do you get at least 20 minutes of vigorous physical activity?" Moderate physical activity was assessed by asking, "On an average, how many days a week do you get at least 30 minutes of moderate physical activity?" Seatbelt use was assessed by asking, "Do you always use a seatbelt when you drive a car?" and "Do you always use a seatbelt when sitting next to the driver?" Fruit and vegetable consumption was assessed by asking, "How many cups of fresh or cooked vegetables did you have yesterday?" and "How many cups of fruit or fresh juice did you have yesterday?" Statistical analysis software was used to account for the complex sampling design.

The prevalence of obesity among Jordanian adults increased to 19.5% in 2004, a 52.3% increase from the 2002 prevalence of 12.8% (*1*) (Table). In 2004, approximately 55.0% of adult respondents (52.3% of men and 57.1% of women) were categorized as either overweight or obese, an increase from the 2002 prevalence of 45.2%. Weight awareness was inconsistent, with 27.8% of obese respondents reporting that they considered their weight to be nearly average; in 2002, 22.2% of obese respondents considered their weight to be average. Approximately 19.5% of the respondents reported consuming three or more cups of fruit, fresh juice, or vegetables the preceding day.

The prevalence of diagnosed diabetes increased from 6.4% in 2002 to 7.5% in 2004, although this increase was not statistically significant. Approximately 24.7% of respondents aged ≥65 years had diagnosed diabetes. Among all respondents with diabetes, 62.9% reported they had not had their feet checked for sores or irritations, and 45.3% had not had an eye examination in the preceding 12 months. Among persons with diabetes who had ever had an eye examination, 36.3% were told they had eye complications. Approximately 5.3% of all respondents reported that they had been told they had asthma, a rate similar to that of the 2002 survey (5.1%). Approximately 13.3% of respondents reported their health as fair or poor, and 26.5% said it was good.

**TABLE. Prevalence of selected health characteristics, by sex and age — Behavioral Risk Factor Survey, Jordan, 2004**

| | Sex | | | | Age (yrs) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male | | Female | | 18–34 | | 35–49 | | 50–64 | | ≥65 | | Total | |
| Health characteristic | % | (SE*) | % | (SE) | % | (SE) | % | (SE) | % | (SE) | % | (SE) | % | (SE) |
| High blood pressure | 18.3 | (1.44) | 23.4 | (0.95) | 4.4 | (0.73) | 15.9 | (1.25) | 43.0 | (1.80) | 52.8 | (2.76) | **21.5** | **(0.98)** |
| High blood cholesterol | 18.4 | (1.71) | 14.6 | (1.29) | 3.9 | (1.06) | 14.0 | (1.49) | 26.5 | (2.66) | 30.2 | (3.33) | **16.2** | **(1.03)** |
| Diabetes | 8.5 | (0.87) | 6.8 | (0.67) | 0.7 | (0.24) | 4.7 | (0.61) | 19.6 | (1.98) | 24.7 | (2.31) | **7.5** | **(0.58)** |
| Heart disease | 4.4 | (0.62) | 4.2 | (0.48) | 0.6 | (0.24) | 2.5 | (0.40) | 11.2 | (1.51) | 13.4 | (1.56) | **4.3** | **(0.39)** |
| Asthma | 4.6 | (0.70) | 5.8 | (0.50) | 3.1 | (0.50) | 5.8 | (0.67) | 7.6 | (1.08) | 9.5 | (1.63) | **5.3** | **(0.45)** |
| Current smoking† | 47.1 | (1.33) | 6.5 | (0.53) | 21.9 | (1.12) | 26.7 | (1.36) | 22.1 | (2.14) | 14.8 | (2.15) | **22.8** | **(0.78)** |
| **Weight** | | | | | | | | | | | | | | |
| Overweight§ | 37.9 | (1.69) | 33.7 | (1.14) | 29.2 | (1.38) | 40.9 | (1.36) | 39.9 | (3.32) | 38.2 | (4.66) | **35.5** | **(0.95)** |
| Obese¶ | 14.4 | (1.08) | 23.4 | (1.37) | 9.9 | (0.89) | 24.5 | (1.25) | 30.7 | (2.41) | 28.0 | (3.43) | **19.5** | **(0.91)** |
| **Physical activity** | | | | | | | | | | | | | | |
| Any weekly vigorous** | 37.0 | (1.84) | 35.8 | (1.80) | 42.3 | (1.79) | 40.3 | (2.19) | 28.2 | (2.14) | 10.9 | (1.60) | **36.3** | **(1.52)** |
| Any weekly†† | 47.0 | (2.45) | 51.5 | (1.99) | 57.3 | (2.34) | 54.2 | (2.21) | 40.6 | (3.14) | 17.3 | (1.77) | **49.7** | **(1.93)** |
| **Ever checked** | | | | | | | | | | | | | | |
| Blood pressure | 64.2 | (1.87) | 74.2 | (1.39) | 59.8 | (1.59) | 73.2 | (1.50) | 80.7 | (2.13) | 85.9 | (2.07) | **70.2** | **(1.26)** |
| Cholesterol | 40.9 | (2.47) | 38.3 | (2.04) | 26.9 | (1.93) | 42.2 | (1.71) | 54.4 | (3.26) | 57.8 | (3.18) | **39.4** | **(1.93)** |

* Standard error.
† Ever smoked ≥100 cigarettes in lifetime and currently smoke every day or some days.
§ Body mass index (BMI) = 25.0–29.9.
¶ BMI ≥30.0.
** Activity resulting in heavy sweating and large increase in breathing or heart rate for 20 minutes.
†† Any moderate activity (i.e., resulting in light sweating and slight increase in breathing or heart rate for 30 minutes) or vigorous activity.

Cancer screening rates among women were low compared with rates from the 2004 U.S. Behavioral Risk Factor Surveillance System survey (*2*). Approximately 14.9% of married women reported having had a Papanicolaou test in the preceding 3 years in Jordan, compared with 86.0% of women aged ≥18 years in the United States; 9.3% of women aged ≥40 years reported having had a mammogram in the preceding 2 years, compared with 74.9% of U.S. women aged ≥40 years. Approximately 70.2% of respondents had ever been tested for high blood pressure, and 39.4% had ever had their cholesterol levels checked. Because some questions in the 2004 Jordanian survey were changed, no direct comparisons between the 2002 and 2004 surveys could be made for blood pressure, cholesterol, or smoking status. Approximately 61.6% of drivers and 40.4% of front-seat passengers reported always using a seatbelt, compared with 80.5% of U.S. drivers in 2002 (*3*).

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**Editorial Note:** Estimates of the extent of obesity and diabetes in Jordan are conservative. In validation studies of self-reported weight and height, overweight participants tend to underestimate their weight, and all participants tend to overestimate their height (*4*). Moreover, undiagnosed diabetes cases were excluded. On the basis of findings from the 2004 survey, the Jordanian cabinet allocated $2.9 million for chronic disease prevention and control.

Higher-than-normal BMI and weight gain are major risk factors for diabetes (*5*), and other studies have indicated that changes in BMI at the population level foreshadow changes in diabetes prevalence (*6,7*). Obesity and diabetes usually are preventable. Previous studies have demonstrated that changes in lifestyle can prevent diabetes and obesity in selected groups of adults at high risk (*8,9*).

The low rates of screening practices among residents of Jordan should be addressed. Screening and early diagnosis of chronic diseases are important for preventing related complications and death. For example, the high rate of eye complications among persons with diagnosed diabetes is an indication of a delay in diagnosis and proper management of the disease. Increasing awareness about chronic disease risk factors among health-care workers and the public is critical. Adequate and continuous monitoring of chronic disease risk factors in Jordan is needed, and the surveillance findings should be used in disease-prevention and health-promotion activities.

The findings in this report are subject to at least four limitations. First, the survey is cross-sectional and was not conducted throughout the year; therefore, some of the behaviors that vary seasonally (e.g., dietary intake) might not be representative. Second, the design does not allow determination of causality. Third, all the variables were self reported, which might have resulted in self-report bias. Finally, only the prevalence of diagnosed diseases could be assessed; therefore, the reported prevalence of chronic diseases is an underestimation because only 55% of respondents reported having had a medical checkup in the preceding 6 months.

The Jordan Field Epidemiology Training Program (FETP) and MOH are developing and implementing a national chronic disease prevention and control plan. This plan will target primary risk factors and behaviors associated with chronic diseases (e.g., smoking, overweight, unhealthy diet, and physical inactivity) and call for collaboration among all governmental ministries, nongovernmental organizations, and the private sector.

Although many countries are improving their health infrastructure, chronic diseases continue to be a public health problem. In addition, the high cost of chronic disease treatment puts an additional strain on countries with developing economies (*10*). More global collaboration and partnerships in chronic disease prevention and control are needed; certain FETPs (e.g., in Egypt and China) have begun working to address the problem.

**Acknowledgment**

The findings in this report are based, in part, on contributions by the Jordan Field Epidemiology Training Program.

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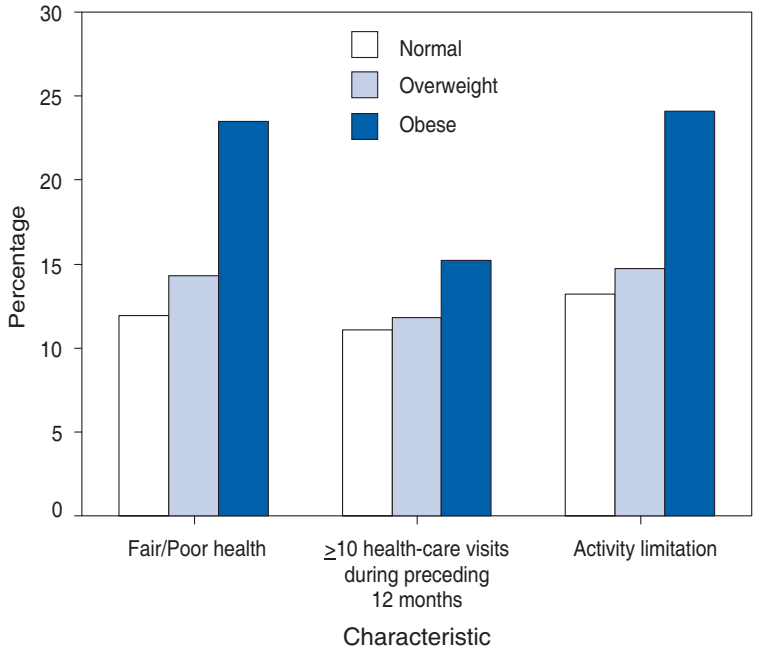
# QuickStats

**FROM THE NATIONAL CENTER FOR HEALTH STATISTICS**

## Percentage of Adults Aged ≥20 Years Reporting Selected Adverse Health Characteristics, by Body Mass Index (BMI) Category* — United States, 1999–2002




* BMI = weight (kg)/height ($m^2$). Normal BMI = 18.5–24.9, overweight = 25.0–29.9, and obese = ≥30.0.

Obese persons were significantly (*t* test, $p<0.05$) more likely to report fair or poor health and activity limitation and to make ≥10 visits during the preceding 12 months to health-care providers than persons of normal weight or those who were overweight. Overweight persons had slightly higher rates of fair/poor health than persons of normal weight but reported no differences in activity limitation or frequency of health-care visits.

**SOURCE:** McDowell MA, Hughes JP, Borrud LG. Health characteristics of U.S. adults by body mass index category: results from NHANES 1999–2002. Public Health Rep 2006;121:67–73.

**TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending June 10, 2006 (23rd Week)***

| Disease | Current week | Cum 2006 | 5-year weekly average† | Total cases reported for previous years 2005 | 2004 | 2003 | 2002 | 2001 | States reporting cases during current week (No.) |
|---|---|---|---|---|---|---|---|---|---|
| Anthrax | — | 1 | — | — | — | — | 2 | 23 | |
| Botulism: | | | | | | | | | |
| foodborne | — | 1 | 0 | 19 | 16 | 20 | 28 | 39 | |
| infant | — | 32 | 2 | 90 | 87 | 76 | 69 | 97 | |
| other (wound & unspecified) | — | 22 | 0 | 33 | 30 | 33 | 21 | 19 | |
| Brucellosis | — | 42 | 2 | 122 | 114 | 104 | 125 | 136 | |
| Chancroid | — | 13 | 1 | 17 | 30 | 54 | 67 | 38 | |
| Cholera | — | — | 0 | 6 | 5 | 2 | 2 | 3 | |
| Cyclosporiasis§ | 3 | 26 | 11 | 734 | 171 | 75 | 156 | 147 | FL (3) |
| Diphtheria | — | — | — | — | — | 1 | 1 | 2 | |
| Domestic arboviral diseases§¶: | | | | | | | | | |
| California serogroup | — | — | 1 | 78 | 112 | 108 | 164 | 128 | |
| eastern equine | — | — | 0 | 21 | 6 | 14 | 10 | 9 | |
| Powassan | — | — | — | 1 | 1 | — | 1 | N | |
| St. Louis | — | — | 0 | 10 | 12 | 41 | 28 | 79 | |
| western equine | — | — | — | — | — | — | — | — | |
| Ehrlichiosis§: | | | | | | | | | |
| human granulocytic | 5 | 34 | 10 | 789 | 537 | 362 | 511 | 261 | NY (2), MN (3) |
| human monocytic | 5 | 63 | 6 | 521 | 338 | 321 | 216 | 142 | MO (2), FL (2), AR (1) |
| human (other & unspecified) | 1 | 9 | 2 | 120 | 59 | 44 | 23 | 6 | MO (1) |
| *Haemophilus influenzae*,** | | | | | | | | | |
| invasive disease (age <5 yrs): | | | | | | | | | |
| serotype b | — | 3 | 1 | 9 | 19 | 32 | 34 | — | |
| nonserotype b | 2 | 41 | 3 | 135 | 135 | 117 | 144 | — | CA (2) |
| unknown serotype | 2 | 79 | 3 | 217 | 177 | 227 | 153 | — | OK (1), AZ (1) |
| Hansen disease§ | 1 | 20 | 2 | 88 | 105 | 95 | 96 | 79 | TX (1) |
| Hantavirus pulmonary syndrome§ | 1 | 8 | 1 | 22 | 24 | 26 | 19 | 8 | CO (1) |
| Hemolytic uremic syndrome, postdiarrheal§ | 1 | 44 | 4 | 219 | 200 | 178 | 216 | 202 | MO (1) |
| Hepatitis C viral, acute | 10 | 341 | 32 | 771 | 713 | 1,102 | 1,835 | 3,976 | CT (1), NY (2), PA (1), MI (1), MO (2), VA (2), FL (1) |
| HIV infection, pediatric (age <13 yrs)§†† | — | 52 | 6 | 380 | 436 | 504 | 420 | 543 | |
| Influenza-associated pediatric mortality§,§§,¶¶ | — | 34 | 0 | 49 | — | N | N | N | |
| Listeriosis | 5 | 196 | 13 | 893 | 753 | 696 | 665 | 613 | OH (2), VA (1), FL (1), CA (1) |
| Measles | — | 20*** | 1 | 65 | 37 | 56 | 44 | 116 | |
| Meningococcal disease,††† invasive: | | | | | | | | | |
| A, C, Y, & W-135 | 3 | 118 | 6 | 294 | — | — | — | — | NY (1), FL (1), CO (1) |
| serogroup B | 1 | 68 | 3 | 153 | — | — | — | — | VA (1) |
| other serogroup | — | 12 | 1 | 27 | — | — | — | — | |
| Mumps | 50 | 3,816 | 6 | 310 | 258 | 231 | 270 | 266 | NH (1), NY (1), PA (6), MI (2), IA (1), MO (3), NE (4), KS (18), WV (3), TX (1), AZ (4), CA (5), AK (1) |
| Plague | — | 1 | 0 | 7 | 3 | 1 | 2 | 2 | |
| Poliomyelitis, paralytic | — | — | — | 1 | — | — | — | — | |
| Psittacosis§ | 2 | 10 | 0 | 19 | 12 | 12 | 18 | 25 | NY (1), CA (1) |
| Q fever§ | 3 | 54 | 3 | 137 | 70 | 71 | 61 | 26 | MO (1), FL (1), CO (1) |
| Rabies, human | — | — | — | 2 | 7 | 2 | 3 | 1 | |
| Rubella | — | 4 | 0 | 11 | 10 | 7 | 18 | 23 | |
| Rubella, congenital syndrome | — | 1 | — | 1 | — | 1 | 1 | 3 | |
| SARS-CoV§,§§ | — | — | 0 | — | — | 8 | N | N | |
| Smallpox§ | — | — | — | — | — | — | — | — | |
| Streptococcal toxic-shock syndrome§ | — | 57 | 3 | 129 | 132 | 161 | 118 | 77 | |
| *Streptococcus pneumoniae*,§ | | | | | | | | | |
| invasive disease (age <5 yrs) | 15 | 528 | 14 | 1,225 | 1,162 | 845 | 513 | 498 | MA (3), NY (2), PA (1), OH (4), MI (2), OK (1), TX (2) |
| Syphilis, congenital (age <1 yr) | 1 | 90 | 8 | 361 | 353 | 413 | 412 | 441 | LA (1) |
| Tetanus | — | 8 | 1 | 26 | 34 | 20 | 25 | 37 | |
| Toxic-shock syndrome (other than streptococcal)§ | 2 | 44 | 2 | 95 | 95 | 133 | 109 | 127 | PA (1), UT (1) |
| Trichinellosis | 1 | 4 | 0 | 20 | 5 | 6 | 14 | 22 | CA (1) |
| Tularemia§ | — | 16 | 4 | 154 | 134 | 129 | 90 | 129 | |
| Typhoid fever | 2 | 103 | 6 | 324 | 322 | 356 | 321 | 368 | VA (1), CA (1) |
| Vancomycin-intermediate *Staphylococcus aureus*§ | — | 1 | — | 2 | — | N | N | N | |
| Vancomycin-resistant *Staphylococcus aureus*§ | — | — | 0 | 0 | 1 | N | N | N | |
| Yellow fever | — | — | — | — | — | — | 1 | — | |

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

* Incidence data for reporting years 2004, 2005, and 2006 are provisional, whereas data for 2001, 2002, and 2003 are finalized.

† Calculated by summing the incidence counts for the current week, the two weeks preceding the current week, and the two 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.

¶ Includes both neuroinvasive and non-neuroinvasive. Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases (ArboNET Surveillance).

** 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, STD and TB Prevention. Implementation of HIV reporting influences the number of cases reported. Data for HIV/AIDS are available in Table IV quarterly.

§§ Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases.

¶¶ Of the 39 cases reported since October 2, 2005 (week 40), only 35 occurred during the current 2005–06 season.

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

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

**TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Chlamydia† | | | | | Coccidioidomycosis | | | | | Cryptosporidiosis | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 10,577 | 18,806 | 35,170 | 397,740 | 420,935 | 161 | 122 | 1,643 | 3,495 | 1,697 | 38 | 70 | 860 | 1,025 | 907 |
| **New England** | 626 | 634 | 1,550 | 13,705 | 13,757 | — | 0 | 0 | — | — | 1 | 4 | 35 | 54 | 47 |
| Connecticut | 263 | 169 | 1,214 | 3,405 | 3,984 | N | 0 | 0 | N | N | — | 0 | 14 | 8 | 6 |
| Maine | 43 | 41 | 74 | 930 | 933 | N | 0 | 0 | N | N | — | 0 | 3 | 11 | 10 |
| Massachusetts | 196 | 290 | 432 | 6,572 | 6,099 | — | 0 | 0 | — | — | — | 2 | 15 | 20 | 15 |
| New Hampshire | 14 | 35 | 64 | 789 | 830 | — | 0 | 0 | — | — | 1 | 1 | 3 | 11 | 7 |
| Rhode Island | 95 | 65 | 99 | 1,490 | 1,466 | — | 0 | 0 | — | — | — | 0 | 6 | 1 | 1 |
| Vermont§ | 15 | 19 | 43 | 519 | 445 | N | 0 | 0 | N | N | — | 0 | 5 | 3 | 8 |
| **Mid. Atlantic** | 1,183 | 2,282 | 3,696 | 50,049 | 51,606 | — | 0 | 0 | — | — | 4 | 11 | 597 | 147 | 120 |
| New Jersey | — | 369 | 526 | 6,906 | 8,157 | N | 0 | 0 | N | N | — | 0 | 8 | 5 | 8 |
| New York (Upstate) | 599 | 497 | 1,727 | 10,196 | 10,376 | N | 0 | 0 | N | N | 3 | 3 | 561 | 43 | 32 |
| New York City | — | 671 | 1,618 | 15,836 | 16,909 | N | 0 | 0 | N | N | — | 2 | 15 | 20 | 30 |
| Pennsylvania | 584 | 714 | 1,073 | 17,111 | 16,164 | N | 0 | 0 | N | N | 1 | 4 | 21 | 79 | 50 |
| **E.N. Central** | 1,019 | 3,103 | 12,578 | 63,765 | 70,783 | — | 0 | 3 | 17 | 4 | 8 | 14 | 162 | 229 | 206 |
| Illinois | — | 919 | 1,536 | 19,063 | 21,964 | — | 0 | 0 | — | — | — | 2 | 16 | 21 | 26 |
| Indiana | 203 | 393 | 552 | 8,076 | 8,831 | N | 0 | 0 | N | N | — | 1 | 13 | 20 | 12 |
| Michigan | 761 | 548 | 9,888 | 13,564 | 11,315 | — | 0 | 3 | 13 | 4 | 1 | 2 | 7 | 36 | 28 |
| Ohio | 55 | 805 | 1,445 | 15,122 | 19,678 | — | 0 | 1 | 4 | — | 7 | 5 | 109 | 92 | 59 |
| Wisconsin | — | 397 | 531 | 7,940 | 8,995 | N | 0 | 0 | N | N | — | 4 | 38 | 60 | 81 |
| **W.N. Central** | 688 | 1,121 | 1,457 | 24,517 | 25,865 | — | 0 | 12 | — | 3 | 6 | 9 | 52 | 162 | 130 |
| Iowa | 114 | 148 | 225 | 3,601 | 3,108 | N | 0 | 0 | N | N | — | 1 | 11 | 15 | 22 |
| Kansas | 179 | 153 | 269 | 3,566 | 3,223 | N | 0 | 0 | N | N | 4 | 1 | 5 | 24 | 12 |
| Minnesota | — | 233 | 298 | 4,692 | 5,480 | — | 0 | 12 | — | 3 | 1 | 3 | 22 | 70 | 36 |
| Missouri | 222 | 430 | 525 | 8,680 | 9,898 | — | 0 | 1 | — | — | — | 2 | 37 | 31 | 45 |
| Nebraska§ | 125 | 96 | 176 | 2,208 | 2,268 | N | 0 | 1 | N | N | — | 0 | 3 | 5 | 4 |
| North Dakota | — | 32 | 54 | 611 | 664 | N | 0 | 0 | N | N | 1 | 0 | 4 | 3 | — |
| South Dakota | 48 | 52 | 117 | 1,159 | 1,224 | N | 0 | 0 | N | N | — | 0 | 4 | 14 | 11 |
| **S. Atlantic** | 2,890 | 3,324 | 4,905 | 75,424 | 77,296 | — | 0 | 1 | 2 | — | 10 | 15 | 54 | 271 | 168 |
| Delaware | 76 | 68 | 92 | 1,568 | 1,443 | N | 0 | 0 | N | N | — | 0 | 2 | — | — |
| District of Columbia | 41 | 59 | 101 | 1,081 | 1,735 | — | 0 | 0 | — | — | — | 0 | 3 | 7 | 2 |
| Florida | 792 | 882 | 1,090 | 20,406 | 19,058 | N | 0 | 0 | N | N | 5 | 6 | 28 | 106 | 63 |
| Georgia | 26 | 609 | 2,142 | 10,017 | 13,392 | — | 0 | 0 | — | — | 4 | 3 | 12 | 88 | 46 |
| Maryland§ | 354 | 358 | 519 | 7,990 | 7,841 | — | 0 | 1 | 2 | — | — | 0 | 4 | 9 | 8 |
| North Carolina | 704 | 569 | 1,772 | 15,672 | 14,010 | N | 0 | 0 | N | N | — | 1 | 10 | 29 | 23 |
| South Carolina§ | 308 | 281 | 1,306 | 7,682 | 8,061 | N | 0 | 0 | N | N | 1 | 0 | 4 | 13 | 10 |
| Virginia§ | 540 | 423 | 840 | 9,434 | 10,691 | N | 0 | 0 | N | N | — | 1 | 8 | 17 | 12 |
| West Virginia | 49 | 57 | 226 | 1,574 | 1,065 | N | 0 | 0 | N | N | — | 0 | 3 | 2 | 4 |
| **E.S. Central** | 818 | 1,375 | 2,188 | 31,209 | 30,389 | — | 0 | 0 | — | — | — | 3 | 29 | 34 | 24 |
| Alabama§ | 131 | 366 | 1,048 | 8,857 | 5,267 | N | 0 | 0 | N | N | — | 0 | 5 | 14 | 10 |
| Kentucky | 190 | 148 | 336 | 4,144 | 4,810 | N | 0 | 0 | N | N | — | 1 | 25 | 9 | 9 |
| Mississippi | — | 378 | 647 | 7,183 | 10,080 | — | 0 | 0 | — | — | — | 0 | 1 | 1 | — |
| Tennessee§ | 497 | 481 | 614 | 11,025 | 10,232 | N | 0 | 0 | N | N | — | 1 | 4 | 10 | 5 |
| **W.S. Central** | 1,402 | 2,160 | 3,605 | 47,898 | 49,852 | — | 0 | 1 | — | — | 4 | 3 | 30 | 61 | 28 |
| Arkansas | 110 | 166 | 340 | 3,453 | 3,896 | — | 0 | 0 | — | — | 1 | 0 | 2 | 7 | 1 |
| Louisiana | 229 | 291 | 761 | 7,143 | 8,159 | — | 0 | 1 | — | N | — | 0 | 21 | 8 | 3 |
| Oklahoma | 340 | 230 | 2,159 | 5,327 | 4,746 | N | 0 | 0 | N | N | 2 | 1 | 10 | 14 | 10 |
| Texas§ | 723 | 1,391 | 1,810 | 31,975 | 33,051 | N | 0 | 0 | N | N | 1 | 1 | 19 | 32 | 14 |
| **Mountain** | 372 | 1,095 | 1,839 | 20,301 | 27,962 | 148 | 91 | 452 | 2,394 | 1,036 | 4 | 2 | 9 | 38 | 52 |
| Arizona | 360 | 364 | 642 | 7,767 | 10,135 | 148 | 89 | 448 | 2,354 | 985 | — | 0 | 1 | 4 | 4 |
| Colorado | — | 226 | 482 | 2,687 | 6,466 | N | 0 | 0 | N | N | 3 | 1 | 3 | 14 | 17 |
| Idaho§ | — | 52 | 235 | 1,329 | 823 | N | 0 | 0 | N | N | 1 | 0 | 2 | 4 | 4 |
| Montana | — | 40 | 195 | 825 | 1,014 | N | 0 | 0 | N | N | — | 0 | 2 | 7 | 8 |
| Nevada§ | 12 | 100 | 432 | 1,795 | 3,259 | — | 1 | 4 | 19 | 35 | — | 0 | 1 | 3 | 7 |
| New Mexico§ | — | 164 | 338 | 3,616 | 3,859 | — | 0 | 2 | 1 | 10 | — | 0 | 3 | — | 6 |
| Utah | — | 89 | 136 | 1,661 | 1,928 | — | 0 | 3 | 18 | 4 | — | 0 | 3 | 6 | 4 |
| Wyoming | — | 25 | 55 | 621 | 478 | — | 0 | 2 | 2 | 2 | — | 0 | 1 | — | 2 |
| **Pacific** | 1,579 | 3,258 | 5,079 | 70,872 | 73,425 | 13 | 34 | 1,179 | 1,082 | 654 | 1 | 4 | 52 | 29 | 132 |
| Alaska | 91 | 83 | 152 | 1,839 | 1,814 | — | 0 | 0 | — | — | — | 0 | 2 | 1 | — |
| California | 1,061 | 2,536 | 4,231 | 54,615 | 56,923 | 13 | 34 | 1,179 | 1,082 | 654 | — | 2 | 14 | — | 92 |
| Hawaii | — | 107 | 135 | 2,216 | 2,381 | N | 0 | 0 | N | N | — | 0 | 1 | — | — |
| Oregon§ | 154 | 179 | 315 | 4,237 | 3,904 | N | 0 | 0 | N | N | 1 | 1 | 20 | 28 | 21 |
| Washington | 273 | 357 | 604 | 7,965 | 8,403 | N | 0 | 0 | N | N | — | 0 | 38 | — | 19 |
| American Samoa | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 17 | 37 | — | 333 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | — | 80 | 162 | 1,877 | 1,902 | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| U.S. Virgin Islands | — | 2 | 7 | — | 155 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 are provisional.
† 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Giardiasis | | | | | Gonorrhea | | | | | *Haemophilus influenzae*, invasive All ages, all serotypes | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 175 | 330 | 1,028 | 5,940 | 6,972 | 3,829 | 6,506 | 14,136 | 133,956 | 139,534 | 33 | 37 | 142 | 889 | 1,169 |
| **New England** | 18 | 27 | 75 | 437 | 606 | 111 | 105 | 288 | 2,336 | 2,591 | 2 | 3 | 19 | 65 | 80 |
| Connecticut | 11 | 0 | 37 | 119 | 144 | 61 | 41 | 241 | 843 | 1,062 | 1 | 0 | 9 | 20 | 25 |
| Maine | 1 | 3 | 11 | 34 | 67 | 2 | 2 | 6 | 54 | 58 | — | 0 | 2 | 6 | 5 |
| Massachusetts | 3 | 11 | 34 | 184 | 267 | 40 | 48 | 76 | 1,102 | 1,150 | — | 1 | 5 | 27 | 37 |
| New Hampshire | — | 1 | 8 | 10 | 29 | 1 | 4 | 9 | 100 | 69 | — | 0 | 1 | 2 | 3 |
| Rhode Island | 1 | 0 | 25 | 34 | 35 | 6 | 8 | 25 | 211 | 230 | — | 0 | 7 | 2 | 6 |
| Vermont† | 2 | 3 | 9 | 56 | 64 | 1 | 1 | 4 | 26 | 22 | 1 | 0 | 2 | 8 | 4 |
| **Mid. Atlantic** | 25 | 64 | 254 | 1,023 | 1,300 | 319 | 647 | 1,014 | 13,145 | 14,265 | 8 | 7 | 30 | 165 | 211 |
| New Jersey | — | 8 | 18 | 97 | 181 | — | 110 | 150 | 2,073 | 2,443 | — | 2 | 4 | 26 | 41 |
| New York (Upstate) | 19 | 23 | 227 | 411 | 416 | 134 | 123 | 455 | 2,641 | 2,824 | 4 | 2 | 27 | 52 | 60 |
| New York City | — | 15 | 32 | 250 | 374 | — | 180 | 402 | 3,602 | 4,342 | — | 1 | 4 | 14 | 38 |
| Pennsylvania | 6 | 16 | 29 | 265 | 329 | 185 | 215 | 391 | 4,829 | 4,656 | 4 | 3 | 8 | 73 | 72 |
| **E.N. Central** | 13 | 56 | 112 | 818 | 1,178 | 331 | 1,274 | 7,047 | 25,458 | 27,469 | 6 | 5 | 14 | 124 | 207 |
| Illinois | — | 10 | 32 | 25 | 314 | — | 378 | 567 | 7,128 | 8,420 | — | 1 | 5 | 24 | 66 |
| Indiana | N | 0 | 0 | N | N | 68 | 157 | 228 | 3,400 | 3,483 | — | 1 | 7 | 33 | 39 |
| Michigan | 2 | 14 | 29 | 271 | 292 | 239 | 233 | 5,880 | 5,483 | 4,216 | — | 0 | 3 | 14 | 12 |
| Ohio | 11 | 16 | 34 | 309 | 256 | 24 | 390 | 681 | 6,870 | 8,920 | 6 | 1 | 5 | 41 | 70 |
| Wisconsin | — | 17 | 40 | 213 | 316 | — | 122 | 172 | 2,577 | 2,430 | — | 0 | 4 | 12 | 20 |
| **W.N. Central** | 13 | 35 | 259 | 684 | 839 | 221 | 361 | 461 | 7,348 | 8,054 | — | 2 | 15 | 50 | 52 |
| Iowa | 1 | 5 | 14 | 89 | 100 | 12 | 31 | 54 | 710 | 680 | — | 0 | 0 | — | 1 |
| Kansas | 1 | 4 | 9 | 64 | 83 | 55 | 48 | 124 | 990 | 1,090 | — | 0 | 3 | 9 | 5 |
| Minnesota | — | 6 | 238 | 280 | 392 | 3 | 63 | 88 | 1,104 | 1,507 | — | 0 | 9 | 23 | 19 |
| Missouri | 10 | 10 | 32 | 187 | 172 | 115 | 178 | 240 | 3,827 | 4,031 | — | 0 | 7 | 13 | 19 |
| Nebraska† | — | 2 | 6 | 34 | 52 | 32 | 21 | 56 | 533 | 538 | — | 0 | 2 | 4 | 7 |
| North Dakota | 1 | 0 | 7 | 5 | 2 | — | 2 | 7 | 33 | 38 | — | 0 | 3 | 1 | 1 |
| South Dakota | — | 2 | 7 | 25 | 38 | 4 | 6 | 13 | 151 | 170 | — | 0 | 0 | — | — |
| **S. Atlantic** | 24 | 55 | 107 | 1,064 | 1,026 | 1,320 | 1,468 | 2,334 | 31,706 | 32,673 | 8 | 10 | 24 | 249 | 277 |
| Delaware | — | 1 | 3 | 10 | 27 | 29 | 22 | 44 | 641 | 345 | — | 0 | 1 | 1 | — |
| District of Columbia | 3 | 1 | 5 | 27 | 20 | 22 | 37 | 66 | 702 | 893 | — | 0 | 1 | 1 | 2 |
| Florida | 13 | 19 | 39 | 381 | 339 | 349 | 413 | 512 | 9,496 | 8,388 | 2 | 3 | 9 | 82 | 68 |
| Georgia | — | 14 | 67 | 350 | 283 | 8 | 284 | 1,014 | 4,330 | 5,824 | 2 | 2 | 5 | 56 | 67 |
| Maryland† | 2 | 4 | 10 | 76 | 74 | 151 | 137 | 231 | 3,063 | 2,889 | — | 1 | 5 | 31 | 39 |
| North Carolina | N | 0 | 0 | N | N | 403 | 270 | 766 | 7,111 | 6,965 | — | 0 | 11 | 15 | 41 |
| South Carolina† | — | 1 | 9 | 39 | 48 | 140 | 125 | 748 | 3,367 | 3,466 | — | 1 | 3 | 20 | 17 |
| Virginia† | 6 | 10 | 50 | 171 | 222 | 211 | 142 | 288 | 2,593 | 3,611 | 4 | 1 | 8 | 33 | 29 |
| West Virginia | — | 0 | 6 | 10 | 13 | 7 | 16 | 42 | 403 | 292 | — | 0 | 4 | 10 | 14 |
| **E.S. Central** | 12 | 7 | 18 | 165 | 162 | 361 | 543 | 868 | 12,236 | 11,379 | — | 2 | 6 | 51 | 71 |
| Alabama† | — | 4 | 14 | 83 | 75 | 69 | 184 | 491 | 4,026 | 3,088 | — | 0 | 4 | 11 | 14 |
| Kentucky | N | 0 | 0 | N | N | 64 | 55 | 116 | 1,443 | 1,498 | — | 0 | 1 | 2 | 9 |
| Mississippi | — | 0 | 0 | — | — | — | 133 | 203 | 2,692 | 3,084 | — | 0 | 1 | 2 | — |
| Tennessee† | 12 | 4 | 11 | 82 | 87 | 228 | 179 | 279 | 4,075 | 3,709 | — | 1 | 4 | 36 | 48 |
| **W.S. Central** | 12 | 6 | 31 | 99 | 95 | 688 | 901 | 1,430 | 20,303 | 19,783 | 3 | 1 | 15 | 42 | 69 |
| Arkansas | 1 | 2 | 6 | 31 | 34 | 70 | 87 | 186 | 1,924 | 1,968 | — | 0 | 2 | 4 | 5 |
| Louisiana | — | 1 | 6 | 26 | 15 | 173 | 171 | 461 | 4,261 | 4,569 | — | 0 | 2 | 8 | 28 |
| Oklahoma | 11 | 2 | 24 | 42 | 46 | 134 | 86 | 764 | 1,924 | 1,965 | 3 | 1 | 14 | 30 | 34 |
| Texas† | N | 0 | 0 | N | N | 311 | 532 | 736 | 12,194 | 11,281 | — | 0 | 1 | — | 2 |
| **Mountain** | 15 | 29 | 57 | 494 | 500 | 71 | 231 | 552 | 4,282 | 5,890 | 4 | 3 | 8 | 93 | 138 |
| Arizona | — | 2 | 36 | 33 | 63 | 69 | 94 | 201 | 1,895 | 2,196 | 4 | 1 | 7 | 42 | 69 |
| Colorado | 9 | 9 | 33 | 175 | 165 | — | 54 | 90 | 667 | 1,356 | — | 0 | 4 | 27 | 29 |
| Idaho† | 2 | 2 | 11 | 45 | 56 | — | 3 | 10 | 82 | 36 | — | 0 | 1 | 2 | 3 |
| Montana | — | 1 | 7 | 27 | 15 | — | 2 | 14 | 47 | 64 | — | 0 | 0 | — | — |
| Nevada† | — | 1 | 6 | 22 | 37 | 2 | 41 | 194 | 634 | 1,258 | — | 0 | 1 | — | 13 |
| New Mexico† | — | 1 | 6 | 15 | 24 | — | 29 | 64 | 594 | 664 | — | 0 | 4 | 11 | 15 |
| Utah | 4 | 7 | 19 | 170 | 129 | — | 16 | 22 | 302 | 290 | — | 0 | 4 | 10 | 5 |
| Wyoming | — | 0 | 2 | 7 | 11 | — | 2 | 6 | 61 | 26 | — | 0 | 2 | 1 | 4 |
| **Pacific** | 43 | 60 | 202 | 1,156 | 1,266 | 407 | 812 | 946 | 17,142 | 17,430 | 2 | 2 | 20 | 50 | 64 |
| Alaska | — | 1 | 7 | 17 | 38 | 9 | 11 | 23 | 233 | 242 | — | 0 | 19 | 4 | 3 |
| California | 23 | 43 | 105 | 833 | 969 | 298 | 676 | 806 | 14,040 | 14,503 | 2 | 0 | 9 | 10 | 27 |
| Hawaii | — | 1 | 6 | 22 | 25 | — | 20 | 36 | 410 | 429 | — | 0 | 1 | 7 | 5 |
| Oregon† | 7 | 8 | 21 | 157 | 134 | 32 | 28 | 58 | 620 | 705 | — | 1 | 6 | 28 | 29 |
| Washington | 13 | 7 | 90 | 127 | 100 | 68 | 73 | 142 | 1,839 | 1,551 | — | 0 | 4 | 1 | — |
| American Samoa | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 3 | — | 3 | — | 1 | 15 | — | 49 | — | 0 | 2 | — | — |
| Puerto Rico | — | 3 | 20 | 13 | 63 | — | 6 | 16 | 127 | 178 | — | 0 | 1 | — | 1 |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 2 | — | 41 | — | 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 2005 and 2006 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Hepatitis (viral, acute), by type: A — Current week | A — Previous 52 weeks Med | A — Previous 52 weeks Max | A — Cum 2006 | A — Cum 2005 | B — Current week | B — Previous 52 weeks Med | B — Previous 52 weeks Max | B — Cum 2006 | B — Cum 2005 | Legionellosis — Current week | Legionellosis — Previous 52 weeks Med | Legionellosis — Previous 52 weeks Max | Legionellosis — Cum 2006 | Legionellosis — Cum 2005 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **United States** | 38 | 75 | 243 | 1,465 | 1,682 | 50 | 87 | 594 | 1,602 | 2,300 | 25 | 41 | 127 | 547 | 499 |
| **New England** | — | 6 | 22 | 85 | 176 | — | 2 | 9 | 29 | 63 | 3 | 2 | 12 | 21 | 27 |
| Connecticut | — | 1 | 3 | 14 | 24 | — | 0 | 5 | — | 27 | 3 | 0 | 8 | 9 | 7 |
| Maine | — | 0 | 2 | 4 | — | — | 0 | 2 | 7 | 4 | — | 0 | 1 | 3 | 1 |
| Massachusetts | — | 4 | 14 | 44 | 114 | — | 1 | 5 | 13 | 20 | — | 1 | 6 | 7 | 13 |
| New Hampshire | — | 1 | 12 | 14 | 31 | — | 0 | 3 | 5 | 9 | — | 0 | 1 | 1 | 4 |
| Rhode Island | — | 0 | 4 | 3 | 5 | — | 0 | 2 | 4 | 1 | — | 0 | 10 | — | 2 |
| Vermont† | — | 0 | 2 | 6 | 2 | — | 0 | 1 | — | 2 | — | 0 | 3 | 1 | — |
| **Mid. Atlantic** | 3 | 10 | 24 | 104 | 281 | — | 9 | 55 | 155 | 309 | 6 | 12 | 53 | 139 | 143 |
| New Jersey | — | 2 | 9 | 17 | 51 | — | 3 | 10 | 39 | 112 | — | 1 | 13 | 6 | 24 |
| New York (Upstate) | 2 | 1 | 14 | 35 | 40 | — | 1 | 43 | 27 | 28 | 6 | 4 | 29 | 60 | 37 |
| New York City | — | 2 | 10 | 26 | 142 | — | 1 | 5 | 19 | 69 | — | 1 | 20 | 11 | 20 |
| Pennsylvania | 1 | 1 | 6 | 26 | 48 | — | 3 | 9 | 70 | 100 | — | 5 | 17 | 62 | 62 |
| **E.N. Central** | 5 | 6 | 15 | 123 | 151 | 3 | 8 | 24 | 134 | 249 | 6 | 8 | 25 | 108 | 111 |
| Illinois | — | 2 | 11 | 16 | 48 | — | 1 | 7 | 6 | 69 | — | 1 | 5 | 8 | 16 |
| Indiana | 2 | 0 | 7 | 17 | 8 | 1 | 0 | 17 | 16 | 10 | 1 | 0 | 6 | 3 | 10 |
| Michigan | 1 | 2 | 8 | 48 | 48 | — | 3 | 7 | 55 | 88 | — | 2 | 6 | 25 | 29 |
| Ohio | 2 | 1 | 4 | 35 | 26 | 2 | 2 | 8 | 52 | 64 | 5 | 3 | 19 | 54 | 48 |
| Wisconsin | — | 0 | 5 | 7 | 21 | — | 0 | 6 | 5 | 18 | — | 1 | 5 | 18 | 8 |
| **W.N. Central** | 5 | 2 | 29 | 66 | 45 | 1 | 5 | 19 | 60 | 110 | — | 1 | 12 | 17 | 14 |
| Iowa | — | 0 | 2 | 3 | 11 | — | 0 | 2 | 2 | 10 | — | 0 | 1 | 1 | 3 |
| Kansas | 1 | 0 | 5 | 18 | 7 | 1 | 0 | 2 | 6 | 16 | — | 0 | 1 | 1 | 1 |
| Minnesota | 3 | 0 | 29 | 6 | 3 | — | 0 | 13 | 6 | 8 | — | 0 | 10 | — | 1 |
| Missouri | 1 | 0 | 4 | 25 | 21 | — | 3 | 7 | 43 | 62 | — | 0 | 3 | 10 | 8 |
| Nebraska† | — | 0 | 3 | 9 | 3 | — | 0 | 2 | 3 | 13 | — | 0 | 2 | 3 | — |
| North Dakota | — | 0 | 2 | — | — | — | 0 | 0 | — | — | — | 0 | 1 | — | 1 |
| South Dakota | — | 0 | 3 | 5 | — | — | 0 | 1 | — | 1 | — | 0 | 6 | 2 | — |
| **S. Atlantic** | 5 | 12 | 34 | 214 | 251 | 15 | 23 | 66 | 505 | 671 | 3 | 9 | 19 | 138 | 107 |
| Delaware | — | 0 | 2 | 7 | 4 | — | 0 | 4 | 16 | 18 | — | 0 | 4 | 1 | 4 |
| District of Columbia | — | 0 | 2 | 2 | 2 | — | 0 | 4 | 4 | 4 | — | 0 | 2 | 5 | 2 |
| Florida | 2 | 4 | 18 | 78 | 87 | 9 | 9 | 19 | 195 | 231 | 2 | 3 | 8 | 64 | 34 |
| Georgia | 2 | 1 | 7 | 25 | 50 | — | 3 | 9 | 71 | 108 | 1 | 0 | 4 | 6 | 11 |
| Maryland† | — | 1 | 6 | 28 | 24 | 1 | 2 | 9 | 75 | 78 | — | 2 | 9 | 26 | 27 |
| North Carolina | — | 0 | 20 | 40 | 28 | — | 0 | 23 | 74 | 67 | — | 0 | 3 | 14 | 11 |
| South Carolina† | — | 1 | 3 | 10 | 14 | 1 | 2 | 7 | 27 | 71 | — | 0 | 2 | 2 | 4 |
| Virginia† | 1 | 1 | 11 | 23 | 39 | 2 | 1 | 18 | 16 | 76 | — | 1 | 7 | 19 | 10 |
| West Virginia | — | 0 | 1 | 1 | 3 | 2 | 0 | 18 | 27 | 18 | — | 0 | 3 | 1 | 4 |
| **E.S. Central** | — | 3 | 15 | 47 | 107 | 2 | 6 | 18 | 128 | 171 | 4 | 2 | 9 | 34 | 23 |
| Alabama† | — | 0 | 9 | 2 | 13 | — | 1 | 7 | 36 | 43 | — | 0 | 1 | 5 | 8 |
| Kentucky | — | 0 | 5 | 22 | 7 | — | 1 | 5 | 33 | 36 | 2 | 0 | 4 | 9 | 7 |
| Mississippi | — | 0 | 2 | 2 | 11 | — | 0 | 3 | 5 | 24 | — | 0 | 1 | — | 1 |
| Tennessee† | — | 1 | 7 | 21 | 76 | 2 | 2 | 12 | 54 | 68 | 2 | 1 | 7 | 20 | 7 |
| **W.S. Central** | 1 | 8 | 77 | 103 | 184 | 21 | 13 | 315 | 252 | 212 | — | 1 | 32 | 11 | 7 |
| Arkansas | — | 0 | 9 | 26 | 7 | — | 1 | 4 | 14 | 32 | — | 0 | 3 | — | 2 |
| Louisiana | — | 0 | 4 | 3 | 29 | — | 1 | 3 | 10 | 36 | — | 0 | 1 | 4 | — |
| Oklahoma | 1 | 0 | 2 | 4 | 3 | 3 | 0 | 17 | 5 | 20 | — | 0 | 3 | 1 | 1 |
| Texas† | — | 5 | 73 | 70 | 145 | 18 | 10 | 295 | 223 | 124 | — | 0 | 26 | 6 | 4 |
| **Mountain** | 4 | 5 | 18 | 110 | 137 | 2 | 7 | 39 | 130 | 237 | 3 | 1 | 8 | 37 | 40 |
| Arizona | 2 | 3 | 16 | 64 | 66 | — | 5 | 27 | 86 | 150 | 1 | 0 | 3 | 14 | 11 |
| Colorado | 1 | 1 | 4 | 17 | 17 | 2 | 1 | 5 | 15 | 23 | — | 0 | 3 | 2 | 10 |
| Idaho† | 1 | 0 | 2 | 5 | 17 | — | 0 | 2 | 5 | 5 | 1 | 0 | 2 | 5 | 1 |
| Montana | — | 0 | 2 | 5 | 7 | — | 0 | 7 | — | 3 | — | 0 | 1 | 2 | 3 |
| Nevada† | — | 0 | 2 | 5 | 7 | — | 1 | 4 | 12 | 22 | — | 0 | 2 | 3 | 7 |
| New Mexico† | — | 0 | 3 | 5 | 9 | — | 0 | 3 | 1 | 11 | — | 0 | 1 | — | 2 |
| Utah | — | 0 | 2 | 8 | 13 | — | 0 | 5 | 11 | 22 | 1 | 0 | 2 | 10 | 4 |
| Wyoming | — | 0 | 1 | 1 | 1 | — | 0 | 1 | — | 1 | — | 0 | 1 | 1 | 2 |
| **Pacific** | 15 | 17 | 163 | 613 | 350 | 6 | 9 | 61 | 209 | 278 | — | 2 | 9 | 42 | 27 |
| Alaska | — | 0 | 1 | — | 3 | — | 0 | 1 | 1 | 6 | — | 0 | 1 | — | — |
| California | 11 | 15 | 162 | 563 | 293 | 5 | 7 | 41 | 163 | 193 | — | 2 | 9 | 42 | 26 |
| Hawaii | — | 0 | 2 | 7 | 12 | — | 0 | 1 | 1 | 2 | — | 0 | 1 | — | 1 |
| Oregon† | 1 | 1 | 5 | 23 | 21 | 1 | 1 | 6 | 28 | 48 | N | 0 | 0 | N | N |
| Washington | 3 | 1 | 13 | 20 | 21 | — | 0 | 18 | 16 | 29 | — | 0 | 0 | — | — |
| American Samoa | U | 0 | 1 | U | — | U | 0 | 0 | U | — | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 0 | — | 2 | — | 0 | 2 | — | 15 | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 4 | 7 | 36 | — | 1 | 8 | 10 | 13 | — | 0 | 1 | 1 | — |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Lyme disease | | | | | Malaria | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 |
| | | Med | Max | | | | Med | Max | | |
| **United States** | 72 | 248 | 2,153 | 2,300 | 3,400 | 18 | 25 | 125 | 430 | 508 |
| **New England** | 24 | 55 | 780 | 173 | 503 | 5 | 1 | 12 | 24 | 24 |
| Connecticut | 22 | 8 | 753 | 95 | 37 | 3 | 0 | 10 | 4 | — |
| Maine | — | 2 | 26 | 28 | 29 | — | 0 | 1 | 2 | 2 |
| Massachusetts | — | 11 | 205 | 11 | 401 | 1 | 0 | 3 | 13 | 17 |
| New Hampshire | 2 | 5 | 21 | 31 | 30 | 1 | 0 | 1 | 4 | 3 |
| Rhode Island | — | 0 | 12 | — | 3 | — | 0 | 8 | — | 2 |
| Vermont† | — | 1 | 5 | 8 | 3 | — | 0 | 1 | 1 | — |
| **Mid. Atlantic** | 36 | 155 | 1,176 | 1,524 | 1,861 | 1 | 5 | 15 | 69 | 144 |
| New Jersey | — | 21 | 312 | 260 | 757 | — | 1 | 7 | 13 | 34 |
| New York (Upstate) | 18 | 73 | 1,150 | 739 | 369 | 1 | 1 | 11 | 11 | 21 |
| New York City | — | 4 | 33 | — | 97 | — | 3 | 8 | 33 | 72 |
| Pennsylvania | 18 | 37 | 376 | 525 | 638 | — | 1 | 2 | 12 | 17 |
| **E.N. Central** | — | 9 | 160 | 108 | 307 | 2 | 3 | 8 | 45 | 52 |
| Illinois | — | 0 | 13 | — | 28 | — | 1 | 5 | 10 | 29 |
| Indiana | — | 0 | 4 | 3 | 3 | — | 0 | 3 | 6 | 3 |
| Michigan | — | 1 | 7 | 8 | 3 | — | 0 | 2 | 8 | 9 |
| Ohio | — | 1 | 5 | 16 | 19 | 2 | 1 | 3 | 16 | 6 |
| Wisconsin | — | 8 | 145 | 81 | 254 | — | 0 | 3 | 5 | 5 |
| **W.N. Central** | 5 | 9 | 98 | 66 | 102 | — | 0 | 32 | 21 | 24 |
| Iowa | — | 0 | 8 | 5 | 29 | — | 0 | 1 | 1 | 4 |
| Kansas | — | 0 | 1 | 3 | 2 | — | 0 | 1 | — | 2 |
| Minnesota | 3 | 6 | 96 | 52 | 67 | — | 0 | 30 | 14 | 8 |
| Missouri | 2 | 0 | 2 | 4 | 4 | — | 0 | 2 | 3 | 10 |
| Nebraska† | — | 0 | 2 | 2 | — | — | 0 | 2 | 1 | — |
| North Dakota | — | 0 | 3 | — | — | — | 0 | 1 | 1 | — |
| South Dakota | — | 0 | 1 | — | — | — | 0 | 1 | 1 | — |
| **S. Atlantic** | — | 27 | 124 | 322 | 547 | 4 | 6 | 16 | 132 | 100 |
| Delaware | — | 8 | 37 | 125 | 225 | — | 0 | 1 | 2 | 1 |
| District of Columbia | — | 0 | 2 | 7 | 3 | — | 0 | 2 | — | 2 |
| Florida | — | 1 | 5 | 14 | 10 | 2 | 1 | 6 | 23 | 17 |
| Georgia | — | 0 | 1 | — | 2 | 1 | 1 | 6 | 41 | 18 |
| Maryland† | — | 16 | 87 | 149 | 242 | — | 1 | 9 | 32 | 34 |
| North Carolina | — | 0 | 5 | 9 | 18 | — | 0 | 8 | 11 | 13 |
| South Carolina† | — | 0 | 3 | 3 | 8 | — | 0 | 2 | 4 | 3 |
| Virginia† | — | 3 | 22 | 15 | 38 | 1 | 0 | 9 | 18 | 11 |
| West Virginia | — | 0 | 44 | — | 1 | — | 0 | 2 | 1 | 1 |
| **E.S. Central** | — | 0 | 4 | 1 | 9 | — | 0 | 3 | 10 | 9 |
| Alabama† | — | 0 | 1 | — | — | — | 0 | 2 | 5 | 3 |
| Kentucky | — | 0 | 2 | — | 1 | — | 0 | 2 | 1 | 2 |
| Mississippi | — | 0 | 0 | — | — | — | 0 | 1 | 2 | — |
| Tennessee† | — | 0 | 4 | 1 | 8 | — | 0 | 2 | 2 | 4 |
| **W.S. Central** | — | 0 | 5 | 2 | 35 | — | 2 | 31 | 24 | 39 |
| Arkansas | — | 0 | 1 | — | 2 | — | 0 | 2 | 1 | 3 |
| Louisiana | — | 0 | 0 | — | 3 | — | 0 | 1 | — | 2 |
| Oklahoma | — | 0 | 0 | — | — | — | 0 | 6 | 2 | 2 |
| Texas† | — | 0 | 5 | 2 | 30 | — | 1 | 29 | 21 | 32 |
| **Mountain** | — | 0 | 4 | 4 | 3 | 1 | 1 | 9 | 18 | 26 |
| Arizona | — | 0 | 4 | 2 | — | — | 0 | 9 | 4 | 5 |
| Colorado | — | 0 | 0 | — | — | 1 | 0 | 2 | 6 | 13 |
| Idaho† | — | 0 | 1 | — | 1 | — | 0 | 0 | — | — |
| Montana | — | 0 | 0 | — | — | — | 0 | 1 | 1 | — |
| Nevada† | — | 0 | 2 | — | — | — | 0 | 2 | — | 2 |
| New Mexico† | — | 0 | 1 | — | — | — | 0 | 1 | — | 1 |
| Utah | — | 0 | 1 | 2 | 1 | — | 0 | 2 | 7 | 4 |
| Wyoming | — | 0 | 1 | — | 1 | — | 0 | 1 | — | 1 |
| **Pacific** | 7 | 3 | 19 | 100 | 33 | 5 | 4 | 12 | 87 | 90 |
| Alaska | — | 0 | 1 | — | 1 | — | 0 | 2 | 8 | 2 |
| California | 7 | 2 | 19 | 100 | 25 | 4 | 2 | 10 | 61 | 73 |
| Hawaii | N | 0 | 0 | N | N | — | 0 | 4 | — | 5 |
| Oregon† | — | 0 | 3 | — | 7 | — | 0 | 2 | 6 | 3 |
| Washington | — | 0 | 3 | — | — | 1 | 0 | 5 | 12 | 7 |
| American Samoa | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | N | 0 | 0 | N | N | — | 0 | 1 | — | 1 |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Meningococcal disease, invasive: All serogroups: Current week | Previous 52 weeks: Med | Previous 52 weeks: Max | Cum 2006 | Cum 2005 | Meningococcal disease, invasive: Serogroup unknown: Current week | Previous 52 weeks: Med | Previous 52 weeks: Max | Cum 2006 | Cum 2005 | Pertussis: Current week | Previous 52 weeks: Med | Previous 52 weeks: Max | Cum 2006 | Cum 2005 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **United States** | 15 | 20 | 83 | 580 | 688 | 10 | 12 | 57 | 382 | 424 | 87 | 417 | 2,867 | 4,536 | 8,818 |
| **New England** | — | 1 | 5 | 22 | 45 | — | 0 | 2 | 17 | 16 | 3 | 31 | 83 | 543 | 523 |
| Connecticut | — | 0 | 2 | 6 | 9 | — | 0 | 2 | 2 | 1 | — | 1 | 5 | 16 | 34 |
| Maine | — | 0 | 1 | 3 | 2 | — | 0 | 1 | 3 | 2 | — | 1 | 5 | 21 | 15 |
| Massachusetts | — | 0 | 3 | 10 | 22 | — | 0 | 2 | 10 | 5 | 1 | 23 | 43 | 384 | 390 |
| New Hampshire | — | 0 | 2 | 2 | 7 | — | 0 | 2 | 2 | 7 | 1 | 2 | 36 | 71 | 19 |
| Rhode Island | — | 0 | 1 | — | 2 | — | 0 | 0 | — | — | — | 0 | 17 | — | 11 |
| Vermont† | — | 0 | 1 | 1 | 3 | — | 0 | 1 | — | 1 | 1 | 1 | 8 | 51 | 54 |
| **Mid. Atlantic** | 3 | 3 | 13 | 78 | 88 | 2 | 2 | 11 | 58 | 67 | 12 | 27 | 137 | 714 | 647 |
| New Jersey | — | 0 | 2 | 5 | 23 | — | 0 | 2 | 5 | 23 | — | 4 | 10 | 95 | 90 |
| New York (Upstate) | 1 | 0 | 7 | 18 | 25 | — | 0 | 5 | 2 | 9 | 11 | 12 | 123 | 269 | 240 |
| New York City | — | 0 | 5 | 23 | 11 | — | 0 | 5 | 23 | 11 | — | 2 | 6 | 25 | 42 |
| Pennsylvania | 2 | 1 | 5 | 32 | 29 | 2 | 1 | 5 | 28 | 24 | 1 | 11 | 26 | 325 | 275 |
| **E.N. Central** | 5 | 2 | 10 | 67 | 87 | 4 | 1 | 6 | 50 | 73 | 4 | 51 | 133 | 560 | 1,810 |
| Illinois | — | 0 | 4 | 15 | 22 | — | 0 | 4 | 15 | 22 | — | 11 | 35 | 13 | 401 |
| Indiana | 2 | 0 | 5 | 12 | 11 | 2 | 0 | 2 | 6 | 5 | 3 | 4 | 75 | 84 | 146 |
| Michigan | 1 | 1 | 3 | 14 | 16 | 1 | 0 | 3 | 8 | 10 | 1 | 5 | 23 | 148 | 111 |
| Ohio | 2 | 1 | 5 | 26 | 28 | 1 | 0 | 4 | 21 | 26 | — | 16 | 30 | 273 | 648 |
| Wisconsin | — | 0 | 1 | — | 10 | — | 0 | 1 | — | 10 | — | 10 | 41 | 42 | 504 |
| **W.N. Central** | — | 2 | 4 | 35 | 42 | — | 1 | 3 | 14 | 20 | 2 | 61 | 542 | 590 | 1,130 |
| Iowa | — | 0 | 2 | 9 | 11 | — | 0 | 2 | 3 | 3 | — | 11 | 55 | 131 | 316 |
| Kansas | — | 0 | 1 | 1 | 7 | — | 0 | 1 | 1 | 7 | 2 | 11 | 28 | 159 | 126 |
| Minnesota | — | 0 | 2 | 8 | 6 | — | 0 | 1 | 3 | 1 | — | 0 | 485 | 75 | 214 |
| Missouri | — | 0 | 3 | 11 | 12 | — | 0 | 1 | 3 | 6 | — | 11 | 42 | 163 | 189 |
| Nebraska† | — | 0 | 2 | 5 | 4 | — | 0 | 1 | 3 | 3 | — | 4 | 15 | 53 | 124 |
| North Dakota | — | 0 | 1 | 1 | — | — | 0 | 1 | 1 | — | — | 0 | 26 | 4 | 66 |
| South Dakota | — | 0 | 1 | — | 2 | — | 0 | 0 | — | — | — | 1 | 8 | 5 | 95 |
| **S. Atlantic** | 3 | 3 | 14 | 100 | 119 | 1 | 2 | 7 | 41 | 50 | 14 | 23 | 92 | 418 | 538 |
| Delaware | — | 0 | 1 | 3 | 2 | — | 0 | 1 | 3 | 2 | — | 0 | 1 | 2 | 13 |
| District of Columbia | — | 0 | 1 | — | 4 | — | 0 | 1 | — | 3 | — | 0 | 3 | 3 | 4 |
| Florida | 2 | 1 | 6 | 39 | 48 | 1 | 0 | 5 | 14 | 15 | 3 | 4 | 14 | 94 | 71 |
| Georgia | — | 0 | 3 | 11 | 12 | — | 0 | 3 | 11 | 12 | — | 0 | 3 | 7 | 20 |
| Maryland† | — | 0 | 2 | 6 | 11 | — | 0 | 1 | 1 | — | — | 3 | 9 | 65 | 108 |
| North Carolina | — | 0 | 11 | 15 | 11 | — | 0 | 3 | 3 | 2 | 10 | 0 | 21 | 87 | 27 |
| South Carolina† | — | 0 | 2 | 11 | 11 | — | 0 | 1 | 4 | 8 | — | 5 | 22 | 62 | 187 |
| Virginia† | 1 | 0 | 4 | 12 | 15 | — | 0 | 3 | 5 | 6 | 1 | 1 | 73 | 87 | 79 |
| West Virginia | — | 0 | 2 | 3 | 5 | — | 0 | 1 | — | 2 | — | 0 | 5 | 11 | 29 |
| **E.S. Central** | — | 1 | 4 | 19 | 34 | — | 1 | 4 | 15 | 25 | 3 | 7 | 22 | 98 | 233 |
| Alabama† | — | 0 | 1 | 4 | 3 | — | 0 | 1 | 4 | 2 | — | 1 | 7 | 25 | 37 |
| Kentucky | — | 0 | 2 | 5 | 12 | — | 0 | 2 | 5 | 12 | — | 1 | 10 | 6 | 64 |
| Mississippi | — | 0 | 1 | 1 | 4 | — | 0 | 1 | 1 | 4 | — | 1 | 4 | 13 | 31 |
| Tennessee† | — | 0 | 2 | 9 | 15 | — | 0 | 2 | 5 | 7 | 3 | 2 | 14 | 54 | 101 |
| **W.S. Central** | — | 2 | 23 | 51 | 70 | — | 0 | 6 | 21 | 17 | 9 | 39 | 360 | 251 | 863 |
| Arkansas | — | 0 | 3 | 5 | 8 | — | 0 | 2 | 4 | 1 | 2 | 3 | 21 | 36 | 123 |
| Louisiana | — | 0 | 4 | 23 | 23 | — | 0 | 3 | 12 | 4 | — | 0 | 3 | 6 | 22 |
| Oklahoma | — | 0 | 4 | 8 | 11 | — | 0 | 1 | — | 2 | 7 | 0 | 124 | 10 | — |
| Texas† | — | 1 | 16 | 15 | 28 | — | 0 | 4 | 5 | 10 | — | 32 | 215 | 199 | 718 |
| **Mountain** | 1 | 1 | 4 | 33 | 57 | — | 0 | 4 | 16 | 16 | 26 | 61 | 230 | 890 | 1,889 |
| Arizona | — | 0 | 4 | 11 | 25 | — | 0 | 4 | 11 | 9 | 9 | 14 | 177 | 266 | 425 |
| Colorado | 1 | 0 | 2 | 12 | 12 | — | 0 | 1 | 2 | — | 11 | 23 | 40 | 467 | 659 |
| Idaho† | — | 0 | 2 | 1 | 3 | — | 0 | 2 | 1 | 3 | — | 2 | 13 | 24 | 91 |
| Montana | — | 0 | 1 | 2 | — | — | 0 | 0 | — | — | 6 | 3 | 19 | 55 | 381 |
| Nevada† | — | 0 | 2 | 1 | 6 | — | 0 | 1 | — | 1 | — | 0 | 9 | 25 | 29 |
| New Mexico† | — | 0 | 1 | 1 | 3 | — | 0 | 1 | — | 2 | — | 2 | 6 | 22 | 108 |
| Utah | — | 0 | 1 | 3 | 8 | — | 0 | 1 | — | 1 | — | 7 | 32 | — | 181 |
| Wyoming | — | 0 | 2 | 2 | — | — | 0 | 2 | 2 | — | — | 1 | 5 | 31 | 15 |
| **Pacific** | 3 | 4 | 29 | 175 | 146 | 3 | 4 | 25 | 150 | 140 | 14 | 66 | 1,334 | 472 | 1,185 |
| Alaska | — | 0 | 1 | 1 | 1 | — | 0 | 1 | 1 | 1 | 2 | 2 | 15 | 33 | 21 |
| California | 3 | 2 | 14 | 109 | 93 | 3 | 2 | 14 | 109 | 93 | — | 31 | 1,136 | 168 | 444 |
| Hawaii | — | 0 | 1 | 4 | 7 | — | 0 | 1 | 4 | 2 | — | 3 | 10 | 36 | 75 |
| Oregon† | — | 1 | 7 | 39 | 26 | — | 1 | 4 | 28 | 26 | 4 | 3 | 26 | 67 | 406 |
| Washington | — | 0 | 25 | 22 | 19 | — | 0 | 11 | 8 | 18 | 8 | 11 | 195 | 168 | 239 |
| American Samoa | U | 0 | 0 | — | — | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | — | — | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 1 | — | — | — | 0 | 1 | — | — | — | 0 | 2 | — | 2 |
| Puerto Rico | — | 0 | 1 | 4 | 6 | — | 0 | 1 | 4 | 6 | — | 0 | 1 | — | 4 |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Rabies, animal | | | | | Rocky Mountain spotted fever | | | | | Salmonellosis | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 64 | 108 | 179 | 2,319 | 2,708 | 19 | 37 | 246 | 466 | 319 | 429 | 828 | 2,287 | 11,692 | 13,215 |
| **New England** | 12 | 12 | 26 | 251 | 325 | — | 0 | 2 | 1 | 2 | 6 | 34 | 147 | 604 | 770 |
| Connecticut | 5 | 3 | 13 | 59 | 67 | — | 0 | 0 | — | — | — | 6 | 139 | 139 | 149 |
| Maine | — | 1 | 5 | 29 | 31 | N | 0 | 0 | N | N | — | 2 | 8 | 26 | 72 |
| Massachusetts | 4 | 4 | 17 | 124 | 187 | — | 0 | 2 | 1 | 1 | 5 | 19 | 41 | 352 | 421 |
| New Hampshire | — | 0 | 3 | 6 | 4 | — | 0 | 1 | — | — | — | 2 | 12 | 42 | 68 |
| Rhode Island | — | 0 | 4 | 1 | 11 | — | 0 | 2 | — | 1 | — | 1 | 17 | 32 | 23 |
| Vermont† | 3 | 1 | 7 | 32 | 25 | — | 0 | 0 | — | — | 1 | 1 | 10 | 13 | 37 |
| **Mid. Atlantic** | 12 | 19 | 46 | 476 | 375 | — | 1 | 7 | 15 | 23 | 51 | 74 | 272 | 1,245 | 1,623 |
| New Jersey | N | 0 | 0 | N | N | — | 0 | 3 | — | 7 | — | 11 | 41 | 118 | 312 |
| New York (Upstate) | 12 | 11 | 24 | 203 | 188 | — | 0 | 1 | 1 | — | 36 | 22 | 233 | 347 | 384 |
| New York City | — | 0 | 3 | — | 14 | — | 0 | 2 | 3 | 1 | — | 21 | 44 | 318 | 416 |
| Pennsylvania | — | 8 | 35 | 273 | 173 | — | 1 | 5 | 11 | 15 | 15 | 29 | 61 | 462 | 511 |
| **E.N. Central** | 1 | 2 | 9 | 25 | 96 | — | 0 | 7 | 8 | 11 | 40 | 93 | 219 | 1,590 | 1,983 |
| Illinois | — | 0 | 4 | — | 14 | — | 0 | 4 | 1 | 6 | — | 26 | 53 | 330 | 802 |
| Indiana | — | 0 | 3 | 3 | 4 | — | 0 | 1 | 1 | — | 17 | 11 | 69 | 218 | 175 |
| Michigan | 1 | 0 | 4 | 16 | 8 | — | 0 | 1 | — | 2 | 5 | 17 | 35 | 295 | 335 |
| Ohio | — | 0 | 2 | 6 | 70 | — | 0 | 3 | 6 | 3 | 17 | 25 | 52 | 468 | 357 |
| Wisconsin | N | 0 | 2 | N | N | — | 0 | 1 | — | — | 1 | 15 | 44 | 279 | 314 |
| **W.N. Central** | 2 | 5 | 15 | 106 | 149 | 5 | 2 | 14 | 52 | 31 | 29 | 45 | 90 | 833 | 851 |
| Iowa | — | 0 | 4 | 19 | — | — | 0 | 2 | — | 1 | — | 7 | 18 | 130 | 150 |
| Kansas | 1 | 1 | 5 | 34 | 42 | 1 | 0 | 1 | 4 | 1 | 4 | 7 | 17 | 118 | 116 |
| Minnesota | 1 | 1 | 5 | 13 | 30 | — | 0 | 1 | 1 | — | 11 | 10 | 30 | 206 | 195 |
| Missouri | — | 1 | 6 | 9 | 24 | 4 | 2 | 13 | 45 | 26 | 14 | 15 | 40 | 260 | 235 |
| Nebraska† | — | 0 | 0 | — | — | — | 0 | 2 | 2 | — | — | 4 | 12 | 74 | 82 |
| North Dakota | — | 0 | 7 | 13 | 11 | — | 0 | 1 | — | — | — | 0 | 46 | 4 | 12 |
| South Dakota | — | 1 | 4 | 18 | 42 | — | 0 | 2 | — | 3 | — | 3 | 9 | 41 | 61 |
| **S. Atlantic** | 25 | 36 | 96 | 853 | 1,028 | 2 | 17 | 94 | 322 | 173 | 127 | 252 | 514 | 3,097 | 3,442 |
| Delaware | — | 0 | 0 | — | — | — | 0 | 2 | 2 | — | — | 2 | 9 | 27 | 33 |
| District of Columbia | — | 0 | 0 | — | — | — | 0 | 1 | — | — | 1 | 1 | 7 | 24 | 17 |
| Florida | — | 0 | 22 | 71 | 201 | 1 | 0 | 3 | 11 | 8 | 79 | 99 | 230 | 1,372 | 1,264 |
| Georgia | — | 3 | 42 | 85 | 135 | — | 1 | 11 | 19 | 37 | 24 | 35 | 87 | 466 | 479 |
| Maryland† | — | 8 | 16 | 154 | 157 | — | 1 | 6 | 17 | 13 | 4 | 12 | 39 | 188 | 254 |
| North Carolina | 6 | 8 | 20 | 163 | 218 | — | 6 | 87 | 254 | 87 | — | 28 | 114 | 462 | 477 |
| South Carolina† | 10 | 3 | 11 | 63 | 86 | — | 1 | 6 | 4 | 17 | 6 | 21 | 73 | 260 | 544 |
| Virginia† | 9 | 10 | 27 | 274 | 212 | 1 | 2 | 10 | 14 | 8 | 13 | 19 | 66 | 265 | 326 |
| West Virginia | — | 1 | 13 | 43 | 19 | — | 0 | 2 | 1 | 3 | — | 3 | 19 | 33 | 48 |
| **E.S. Central** | 1 | 4 | 16 | 127 | 60 | 2 | 5 | 24 | 44 | 43 | 22 | 54 | 115 | 705 | 749 |
| Alabama† | — | 1 | 7 | 33 | 33 | — | 0 | 9 | 13 | 11 | 1 | 14 | 41 | 269 | 182 |
| Kentucky | — | 0 | 5 | 7 | 6 | — | 0 | 1 | — | — | 10 | 8 | 27 | 133 | 117 |
| Mississippi | — | 0 | 1 | — | — | — | 0 | 3 | — | 2 | — | 12 | 62 | 94 | 162 |
| Tennessee† | 1 | 1 | 10 | 87 | 21 | 2 | 3 | 18 | 31 | 30 | 11 | 14 | 41 | 209 | 288 |
| **W.S. Central** | 7 | 14 | 34 | 347 | 487 | 10 | 1 | 161 | 19 | 17 | 62 | 83 | 922 | 1,012 | 1,137 |
| Arkansas | 1 | 0 | 3 | 16 | 15 | 10 | 0 | 32 | 16 | 7 | 18 | 14 | 67 | 301 | 196 |
| Louisiana | — | 0 | 0 | — | — | — | 0 | 1 | — | 5 | — | 9 | 43 | 122 | 265 |
| Oklahoma | 6 | 1 | 9 | 30 | 48 | — | 0 | 154 | 1 | 5 | 40 | 7 | 48 | 127 | 126 |
| Texas† | — | 12 | 28 | 301 | 424 | — | 0 | 8 | 2 | — | 4 | 44 | 839 | 462 | 550 |
| **Mountain** | 1 | 4 | 16 | 56 | 115 | — | 0 | 6 | 3 | 18 | 34 | 50 | 110 | 781 | 811 |
| Arizona | — | 2 | 11 | 47 | 92 | — | 0 | 6 | 2 | 12 | 8 | 13 | 67 | 197 | 229 |
| Colorado | — | 0 | 2 | — | 10 | — | 0 | 1 | — | 1 | 20 | 12 | 45 | 253 | 188 |
| Idaho† | — | 0 | 12 | — | — | — | 0 | 2 | — | 1 | — | 2 | 8 | 44 | 71 |
| Montana | — | 0 | 3 | 6 | — | — | 0 | 0 | — | 1 | 2 | 2 | 16 | 52 | 36 |
| Nevada† | — | 0 | 2 | — | — | — | 0 | 0 | — | — | — | 3 | 8 | 37 | 69 |
| New Mexico† | — | 0 | 1 | — | 2 | — | 0 | 1 | — | 2 | — | 4 | 13 | 53 | 87 |
| Utah | 1 | 0 | 5 | 2 | — | — | 0 | 0 | — | — | 4 | 5 | 30 | 119 | 111 |
| Wyoming | — | 0 | 2 | 1 | 11 | — | 0 | 1 | 1 | 1 | — | 1 | 12 | 26 | 20 |
| **Pacific** | 3 | 3 | 15 | 78 | 73 | — | 0 | 1 | 2 | 1 | 58 | 104 | 426 | 1,825 | 1,849 |
| Alaska | — | 0 | 4 | 12 | 1 | — | 0 | 0 | — | — | 1 | 1 | 7 | 35 | 19 |
| California | 3 | 3 | 15 | 64 | 71 | — | 0 | 1 | 2 | — | 43 | 84 | 292 | 1,368 | 1,414 |
| Hawaii | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 5 | 15 | 89 | 111 |
| Oregon† | — | 0 | 1 | 2 | 1 | — | 0 | 1 | — | 1 | 1 | 8 | 25 | 166 | 164 |
| Washington | U | 0 | 0 | U | U | N | 0 | 0 | N | N | 13 | 10 | 124 | 167 | 141 |
| American Samoa | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 1 | 2 | U | 1 |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 4 | — | 18 |
| Puerto Rico | — | 1 | 6 | 46 | 36 | N | 0 | 0 | N | N | 3 | 11 | 35 | 44 | 204 |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | Shiga toxin-producing *E. coli* (STEC)† | | | | | Shigellosis | | | | | Streptococcal disease, invasive, group A | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 37 | 55 | 296 | 479 | 714 | 131 | 292 | 1,009 | 3,696 | 5,129 | 72 | 81 | 283 | 2,459 | 2,477 |
| **New England** | 1 | 3 | 15 | 40 | 65 | 1 | 5 | 26 | 106 | 95 | 1 | 5 | 11 | 94 | 152 |
| Connecticut | — | 0 | 14 | 14 | 19 | — | 0 | 20 | 20 | 21 | U | 1 | 4 | U | 61 |
| Maine | — | 0 | 5 | — | 13 | — | 0 | 3 | 2 | 5 | — | 0 | 2 | 10 | 6 |
| Massachusetts | 1 | 1 | 7 | 21 | 23 | 1 | 4 | 11 | 74 | 55 | — | 2 | 6 | 57 | 62 |
| New Hampshire | — | 0 | 2 | 5 | 5 | — | 0 | 4 | 4 | 4 | 1 | 0 | 3 | 17 | 8 |
| Rhode Island | — | 0 | 2 | — | 1 | — | 0 | 6 | 4 | 4 | — | 0 | 3 | 3 | 6 |
| Vermont§ | — | 0 | 2 | 2 | 4 | — | 0 | 4 | 2 | 6 | — | 0 | 2 | 7 | 9 |
| **Mid. Atlantic** | 5 | 6 | 107 | 24 | 76 | 4 | 17 | 72 | 249 | 499 | 11 | 13 | 43 | 416 | 535 |
| New Jersey | — | 1 | 7 | — | 21 | — | 4 | 18 | 58 | 141 | — | 1 | 8 | 13 | 112 |
| New York (Upstate) | — | 2 | 103 | 21 | 24 | 4 | 4 | 60 | 94 | 114 | 7 | 4 | 32 | 166 | 163 |
| New York City | — | 0 | 3 | 8 | 5 | — | 4 | 14 | 61 | 211 | — | 2 | 8 | 56 | 101 |
| Pennsylvania | — | 1 | 8 | — | 26 | — | 2 | 48 | 36 | 33 | 4 | 5 | 13 | 181 | 159 |
| **E.N. Central** | 6 | 10 | 38 | 103 | 132 | 12 | 20 | 96 | 357 | 381 | 5 | 16 | 41 | 482 | 548 |
| Illinois | — | 0 | 10 | — | 36 | — | 7 | 26 | 89 | 100 | — | 4 | 10 | 89 | 185 |
| Indiana | 4 | 1 | 7 | 17 | 16 | 5 | 1 | 56 | 59 | 39 | 1 | 2 | 11 | 67 | 53 |
| Michigan | — | 1 | 8 | 19 | 19 | 1 | 3 | 10 | 76 | 124 | 2 | 3 | 11 | 133 | 132 |
| Ohio | 2 | 2 | 14 | 39 | 37 | 6 | 3 | 11 | 75 | 25 | 2 | 4 | 19 | 160 | 115 |
| Wisconsin | — | 3 | 15 | 28 | 24 | — | 3 | 10 | 58 | 93 | — | 1 | 4 | 33 | 63 |
| **W.N. Central** | 7 | 7 | 35 | 78 | 97 | 29 | 45 | 77 | 552 | 375 | 9 | 5 | 57 | 189 | 154 |
| Iowa | 2 | 1 | 10 | 22 | 22 | — | 1 | 7 | 19 | 44 | N | 0 | 0 | N | N |
| Kansas | — | 0 | 4 | — | 14 | 2 | 4 | 20 | 38 | 20 | 1 | 1 | 5 | 38 | 26 |
| Minnesota | 5 | 3 | 19 | 52 | 15 | 8 | 2 | 6 | 39 | 28 | 5 | 0 | 52 | 83 | 53 |
| Missouri | 1 | 2 | 7 | 40 | 26 | 19 | 23 | 70 | 387 | 235 | 3 | 1 | 5 | 39 | 42 |
| Nebraska§ | — | 1 | 5 | 11 | 15 | — | 3 | 11 | 38 | 31 | — | 0 | 4 | 18 | 14 |
| North Dakota | — | 0 | 15 | — | 1 | — | 0 | 2 | 4 | 2 | — | 0 | 5 | 5 | 4 |
| South Dakota | — | 0 | 5 | 3 | 4 | — | 2 | 17 | 27 | 15 | — | 0 | 3 | 6 | 15 |
| **S. Atlantic** | 7 | 7 | 39 | 88 | 122 | 46 | 52 | 122 | 1,033 | 722 | 25 | 20 | 41 | 589 | 468 |
| Delaware | — | 0 | 2 | 1 | — | — | 0 | 2 | — | 5 | — | 0 | 2 | 4 | — |
| District of Columbia | — | 0 | 1 | — | — | 2 | 0 | 2 | 5 | 7 | — | 0 | 2 | 7 | 6 |
| Florida | 3 | 1 | 29 | 38 | 54 | 32 | 26 | 66 | 475 | 332 | 3 | 6 | 12 | 131 | 118 |
| Georgia | — | 0 | 6 | — | 14 | 11 | 13 | 34 | 353 | 205 | 13 | 4 | 13 | 139 | 97 |
| Maryland§ | — | 1 | 5 | 7 | 17 | — | 2 | 8 | 37 | 26 | — | 4 | 12 | 114 | 93 |
| North Carolina | — | 1 | 11 | 29 | 16 | — | 2 | 22 | 82 | 63 | — | 1 | 21 | 67 | 72 |
| South Carolina§ | — | 0 | 2 | 3 | 2 | — | 2 | 9 | 58 | 43 | — | 0 | 6 | 36 | 25 |
| Virginia§ | — | 1 | 8 | — | 18 | 1 | 2 | 9 | 23 | 41 | 9 | 2 | 11 | 76 | 44 |
| West Virginia | — | 0 | 2 | — | 1 | — | 0 | 1 | — | — | — | 0 | 6 | 15 | 13 |
| **E.S. Central** | 2 | 2 | 11 | 26 | 40 | 2 | 15 | 46 | 267 | 661 | 7 | 3 | 10 | 114 | 104 |
| Alabama§ | — | 0 | 3 | 3 | 11 | — | 3 | 13 | 70 | 140 | N | 0 | 0 | N | N |
| Kentucky | 1 | 1 | 8 | 14 | 11 | 2 | 7 | 23 | 131 | 81 | 2 | 0 | 5 | 26 | 23 |
| Mississippi | — | 0 | 2 | — | 1 | — | 1 | 6 | 26 | 41 | — | 0 | 0 | — | — |
| Tennessee§ | — | 1 | 4 | 27 | 17 | — | 3 | 22 | 40 | 399 | 5 | 3 | 9 | 88 | 81 |
| **W.S. Central** | 1 | 1 | 52 | 8 | 26 | 12 | 63 | 596 | 305 | 1,423 | 6 | 7 | 58 | 200 | 142 |
| Arkansas | — | 0 | 2 | 3 | 3 | 2 | 1 | 7 | 34 | 25 | — | 0 | 5 | 18 | 7 |
| Louisiana | — | 0 | 2 | — | 9 | — | 2 | 11 | 43 | 61 | — | 0 | 2 | 7 | 4 |
| Oklahoma | 1 | 0 | 8 | 5 | 4 | 10 | 6 | 286 | 43 | 328 | 2 | 2 | 14 | 60 | 65 |
| Texas§ | — | 1 | 44 | 22 | 10 | — | 47 | 308 | 185 | 1,009 | 4 | 4 | 43 | 115 | 66 |
| **Mountain** | 4 | 5 | 15 | 42 | 77 | 11 | 17 | 47 | 261 | 253 | 8 | 11 | 78 | 335 | 324 |
| Arizona | 1 | 0 | 4 | 16 | 10 | 6 | 9 | 29 | 131 | 121 | 3 | 4 | 57 | 178 | 144 |
| Colorado | 1 | 1 | 6 | 16 | 20 | 2 | 3 | 18 | 43 | 39 | 3 | 3 | 8 | 78 | 104 |
| Idaho§ | 1 | 1 | 7 | 11 | 13 | — | 0 | 4 | 5 | 3 | — | 0 | 2 | 6 | 1 |
| Montana | — | 0 | 2 | — | 3 | 1 | 0 | 1 | 3 | 2 | — | 0 | 0 | — | — |
| Nevada§ | — | 0 | 3 | 5 | 10 | — | 1 | 7 | 25 | 26 | — | 0 | 6 | — | 1 |
| New Mexico§ | — | 0 | 3 | 3 | 7 | — | 2 | 9 | 27 | 43 | 1 | 1 | 7 | 29 | 39 |
| Utah | 3 | 1 | 7 | 13 | 13 | 2 | 1 | 4 | 25 | 19 | 1 | 1 | 6 | 42 | 33 |
| Wyoming | — | 0 | 3 | 1 | 1 | — | 0 | 1 | 2 | — | — | 0 | 1 | 2 | 2 |
| **Pacific** | 4 | 7 | 55 | 70 | 79 | 14 | 38 | 148 | 566 | 720 | — | 2 | 9 | 40 | 50 |
| Alaska | — | 0 | 2 | — | 4 | — | 0 | 2 | 6 | 9 | — | 0 | 0 | — | — |
| California | 1 | 4 | 18 | 47 | 34 | 12 | 32 | 104 | 420 | 631 | — | 0 | 0 | — | — |
| Hawaii | — | 0 | 4 | 4 | 3 | — | 0 | 4 | 17 | 12 | — | 2 | 9 | 40 | 50 |
| Oregon§ | — | 2 | 47 | 26 | 27 | — | 1 | 31 | 64 | 37 | N | 0 | 0 | N | N |
| Washington | 3 | 2 | 32 | 19 | 11 | 2 | 2 | 43 | 59 | 31 | N | 0 | 0 | N | N |
| American Samoa | U | 0 | 0 | U | U | U | 0 | 2 | U | 3 | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 0 | — | — | — | 0 | 3 | — | 9 | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 1 | — | — | — | 0 | 2 | 2 | — | N | 0 | 0 | N | N |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 are provisional.
† Includes *E. coli* O157:H7; Shiga toxin positive, serogroup non-0157; and Shiga toxin positive, not serogrouped.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | *Streptococcus pneumoniae*, invasive disease Drug resistant, all ages | | | | | Syphilis, primary and secondary | | | | | Varicella (chickenpox) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks Med | Previous 52 weeks Max | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks Med | Previous 52 weeks Max | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks Med | Previous 52 weeks Max | Cum 2006 | Cum 2005 |
| **United States** | 50 | 51 | 334 | 1,410 | 1,500 | 98 | 167 | 334 | 3,404 | 3,607 | 652 | 776 | 3,204 | 23,783 | 14,112 |
| **New England** | 1 | 1 | 24 | 13 | 134 | 3 | 3 | 17 | 83 | 90 | 52 | 45 | 165 | 803 | 2,526 |
| Connecticut | U | 0 | 7 | U | 57 | 2 | 0 | 11 | 19 | 19 | U | 12 | 67 | U | 865 |
| Maine | N | 0 | 0 | N | N | — | 0 | 2 | 5 | 1 | 5 | 5 | 20 | 151 | 194 |
| Massachusetts | — | 0 | 6 | — | 62 | 1 | 2 | 5 | 49 | 61 | — | 17 | 72 | 92 | 1,342 |
| New Hampshire | — | 0 | 0 | — | — | — | 0 | 2 | 5 | 4 | 12 | 6 | 42 | 174 | 95 |
| Rhode Island | 1 | 0 | 11 | 4 | 7 | — | 0 | 6 | 3 | 5 | — | 0 | 0 | — | — |
| Vermont† | — | 0 | 2 | 9 | 8 | — | 0 | 1 | 2 | — | 35 | 9 | 33 | 386 | 30 |
| **Mid. Atlantic** | 2 | 3 | 15 | 86 | 139 | 12 | 21 | 35 | 487 | 449 | 126 | 102 | 183 | 2,772 | 2,792 |
| New Jersey | N | 0 | 0 | N | N | — | 2 | 7 | 76 | 62 | — | 0 | 0 | — | — |
| New York (Upstate) | 2 | 1 | 10 | 28 | 56 | 5 | 2 | 14 | 71 | 30 | — | 0 | 0 | — | — |
| New York City | U | 0 | 0 | U | U | — | 10 | 21 | 231 | 282 | — | 0 | 0 | — | — |
| Pennsylvania | — | 2 | 9 | 58 | 83 | 7 | 5 | 9 | 109 | 75 | 126 | 102 | 183 | 2,772 | 2,792 |
| **E.N. Central** | 13 | 11 | 41 | 347 | 372 | 4 | 17 | 38 | 329 | 381 | 204 | 209 | 575 | 9,057 | 3,490 |
| Illinois | — | 1 | 3 | 11 | 12 | — | 8 | 23 | 148 | 212 | — | 1 | 5 | 5 | 50 |
| Indiana | — | 2 | 21 | 82 | 118 | 1 | 1 | 4 | 30 | 33 | N | 0 | 347 | N | 70 |
| Michigan | — | 0 | 4 | 13 | 27 | 1 | 1 | 19 | 36 | 32 | 73 | 101 | 174 | 2,682 | 2,222 |
| Ohio | 13 | 6 | 32 | 241 | 215 | 2 | 4 | 11 | 97 | 92 | 131 | 63 | 421 | 5,950 | 876 |
| Wisconsin | N | 0 | 0 | N | N | — | 1 | 3 | 18 | 12 | — | 10 | 41 | 420 | 272 |
| **W.N. Central** | 1 | 1 | 191 | 26 | 26 | 1 | 4 | 9 | 92 | 118 | 12 | 20 | 84 | 891 | 190 |
| Iowa | N | 0 | 0 | N | N | — | 0 | 3 | 7 | 4 | N | 0 | 0 | N | N |
| Kansas | N | 0 | 0 | N | N | — | 0 | 2 | 10 | 11 | — | 0 | 0 | — | — |
| Minnesota | — | 0 | 191 | — | — | — | 1 | 4 | 14 | 33 | — | 0 | 0 | — | — |
| Missouri | 1 | 1 | 3 | 26 | 22 | 1 | 3 | 8 | 60 | 67 | 6 | 15 | 82 | 836 | 116 |
| Nebraska† | — | 0 | 0 | — | 2 | — | 0 | 1 | 1 | 3 | — | 0 | 0 | — | — |
| North Dakota | — | 0 | 1 | — | — | — | 0 | 1 | — | — | 6 | 0 | 25 | 24 | 10 |
| South Dakota | — | 0 | 1 | — | 2 | — | 0 | 1 | — | — | — | 1 | 12 | 31 | 64 |
| **S. Atlantic** | 33 | 24 | 53 | 740 | 589 | 38 | 43 | 186 | 838 | 831 | 92 | 72 | 860 | 2,417 | 1,146 |
| Delaware | — | 0 | 2 | — | 1 | — | 0 | 2 | 12 | 6 | — | 1 | 5 | 34 | 16 |
| District of Columbia | — | 0 | 3 | 19 | 11 | — | 2 | 9 | 48 | 51 | — | 0 | 5 | 18 | 16 |
| Florida | 22 | 13 | 36 | 401 | 296 | 15 | 14 | 29 | 317 | 329 | — | 0 | 0 | — | — |
| Georgia | 11 | 8 | 21 | 252 | 213 | — | 8 | 147 | 95 | 129 | — | 0 | 0 | — | — |
| Maryland† | — | 0 | 0 | — | — | 7 | 6 | 19 | 141 | 132 | — | 0 | 0 | — | — |
| North Carolina | N | 0 | 0 | N | N | 14 | 5 | 17 | 132 | 103 | — | 0 | 0 | — | — |
| South Carolina† | — | 0 | 0 | — | — | — | 1 | 7 | 33 | 28 | 19 | 16 | 50 | 635 | 295 |
| Virginia† | N | 0 | 0 | N | N | 2 | 2 | 12 | 59 | 51 | 49 | 18 | 812 | 870 | 216 |
| West Virginia | — | 1 | 14 | 68 | 68 | — | 0 | 1 | 1 | 2 | 24 | 25 | 70 | 860 | 603 |
| **E.S. Central** | — | 3 | 13 | 105 | 112 | 18 | 10 | 19 | 246 | 196 | — | 0 | 70 | 26 | — |
| Alabama† | N | 0 | 0 | N | N | 7 | 3 | 12 | 109 | 77 | — | 0 | 70 | 26 | — |
| Kentucky | — | 0 | 5 | 20 | 19 | 1 | 1 | 8 | 32 | 15 | N | 0 | 0 | N | N |
| Mississippi | — | 0 | 0 | — | 1 | — | 0 | 5 | 11 | 23 | — | 0 | 0 | — | — |
| Tennessee† | — | 2 | 13 | 85 | 92 | 10 | 4 | 11 | 94 | 81 | N | 0 | 0 | N | N |
| **W.S. Central** | — | 1 | 8 | 46 | 93 | 15 | 24 | 36 | 579 | 558 | 145 | 203 | 1,757 | 6,235 | 2,329 |
| Arkansas | — | 0 | 3 | 7 | 11 | — | 1 | 6 | 33 | 25 | 28 | 4 | 110 | 413 | — |
| Louisiana | — | 1 | 5 | 39 | 82 | 2 | 4 | 17 | 64 | 118 | — | 0 | 17 | 90 | 105 |
| Oklahoma | N | 0 | 0 | N | N | 2 | 1 | 6 | 34 | 17 | — | 0 | 0 | — | — |
| Texas† | N | 0 | 0 | N | N | 11 | 17 | 29 | 448 | 398 | 117 | 201 | 1,647 | 5,732 | 2,224 |
| **Mountain** | — | 1 | 27 | 47 | 35 | 3 | 8 | 17 | 166 | 186 | 21 | 47 | 136 | 1,582 | 1,639 |
| Arizona | N | 0 | 0 | N | N | 2 | 3 | 13 | 81 | 62 | — | 0 | 0 | — | — |
| Colorado | N | 0 | 0 | N | N | — | 1 | 3 | 12 | 21 | 11 | 30 | 76 | 819 | 1,129 |
| Idaho† | N | 0 | 0 | N | N | — | 0 | 3 | 2 | 15 | — | 0 | 0 | — | — |
| Montana | — | 0 | 1 | — | — | — | 0 | 1 | — | 5 | — | 0 | 0 | — | — |
| Nevada† | — | 0 | 27 | 4 | 2 | 1 | 1 | 12 | 43 | 54 | — | 0 | 2 | 4 | — |
| New Mexico† | — | 0 | 0 | — | — | — | 1 | 5 | 26 | 23 | 2 | 3 | 32 | 235 | 141 |
| Utah | — | 0 | 8 | 19 | 15 | — | 0 | 1 | 2 | 6 | 8 | 11 | 55 | 513 | 325 |
| Wyoming | — | 0 | 3 | 24 | 18 | — | 0 | 0 | — | — | — | 0 | 3 | 11 | 44 |
| **Pacific** | — | 0 | 0 | — | — | 4 | 33 | 47 | 584 | 798 | — | 0 | 0 | — | — |
| Alaska | — | 0 | 0 | — | — | — | 0 | 4 | 5 | 4 | — | 0 | 0 | — | — |
| California | N | 0 | 0 | N | N | 3 | 27 | 42 | 480 | 715 | — | 0 | 0 | — | — |
| Hawaii | — | 0 | 0 | — | — | — | 0 | 2 | 7 | 2 | N | 0 | 0 | N | N |
| Oregon† | N | 0 | 0 | N | N | — | 0 | 6 | 8 | 15 | N | 0 | 0 | N | N |
| Washington | N | 0 | 0 | N | N | 1 | 2 | 11 | 84 | 62 | N | 0 | 0 | N | N |
| American Samoa | — | 0 | 0 | — | — | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| C.N.M.I. | — | 0 | 0 | — | — | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 0 | — | — | — | 0 | 0 | — | 3 | — | 2 | 12 | — | 354 |
| Puerto Rico | N | 0 | 0 | N | N | — | 3 | 16 | 54 | 80 | 4 | 8 | 47 | 119 | 372 |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 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 June 10, 2006, and June 11, 2005 (23rd Week)***

| Reporting area | West Nile virus disease† | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Neuroinvasive | | | | | Non-neuroinvasive | | | | |
| | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 | Current week | Previous 52 weeks | | Cum 2006 | Cum 2005 |
| | | Med | Max | | | | Med | Max | | |
| **United States** | — | 1 | 155 | 4 | 8 | — | 0 | 203 | — | 22 |
| **New England** | — | 0 | 3 | — | — | — | 0 | 2 | — | — |
| Connecticut | — | 0 | 2 | — | — | — | 0 | 1 | — | — |
| Maine | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Massachusetts | — | 0 | 3 | — | — | — | 0 | 1 | — | — |
| New Hampshire | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Rhode Island | — | 0 | 1 | — | — | — | 0 | 0 | — | — |
| Vermont§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **Mid. Atlantic** | — | 0 | 10 | — | — | — | 0 | 4 | — | — |
| New Jersey | — | 0 | 1 | — | — | — | 0 | 2 | — | — |
| New York (Upstate) | — | 0 | 7 | — | — | — | 0 | 2 | — | — |
| New York City | — | 0 | 2 | — | — | — | 0 | 2 | — | — |
| Pennsylvania | — | 0 | 3 | — | — | — | 0 | 2 | — | — |
| **E.N. Central** | — | 0 | 39 | — | 1 | — | 0 | 18 | — | — |
| Illinois | — | 0 | 25 | — | — | — | 0 | 16 | — | — |
| Indiana | — | 0 | 2 | — | 1 | — | 0 | 1 | — | — |
| Michigan | — | 0 | 14 | — | — | — | 0 | 3 | — | — |
| Ohio | — | 0 | 9 | — | — | — | 0 | 4 | — | — |
| Wisconsin | — | 0 | 3 | — | — | — | 0 | 2 | — | — |
| **W.N. Central** | — | 0 | 26 | — | 1 | — | 0 | 80 | — | 4 |
| Iowa | — | 0 | 3 | — | — | — | 0 | 5 | — | — |
| Kansas | — | 0 | 3 | — | — | N | 0 | 3 | N | N |
| Minnesota | — | 0 | 5 | — | — | — | 0 | 5 | — | — |
| Missouri | — | 0 | 4 | — | 1 | — | 0 | 3 | — | — |
| Nebraska§ | — | 0 | 9 | — | — | — | 0 | 24 | — | 1 |
| North Dakota | — | 0 | 4 | — | — | — | 0 | 15 | — | — |
| South Dakota | — | 0 | 7 | — | — | — | 0 | 33 | — | 3 |
| **S. Atlantic** | — | 0 | 6 | — | — | — | 0 | 4 | — | — |
| Delaware | — | 0 | 1 | — | — | — | 0 | 0 | — | — |
| District of Columbia | — | 0 | 1 | — | — | — | 0 | 1 | — | — |
| Florida | — | 0 | 2 | — | — | — | 0 | 4 | — | — |
| Georgia | — | 0 | 3 | — | — | — | 0 | 3 | — | — |
| Maryland§ | — | 0 | 2 | — | — | — | 0 | 1 | — | — |
| North Carolina | — | 0 | 1 | — | — | — | 0 | 1 | — | — |
| South Carolina§ | — | 0 | 1 | — | — | — | 0 | 0 | — | — |
| Virginia§ | — | 0 | 0 | — | — | — | 0 | 1 | — | — |
| West Virginia | — | 0 | 0 | — | — | N | 0 | 0 | N | N |
| **E.S. Central** | — | 0 | 10 | 1 | 1 | — | 0 | 5 | — | 1 |
| Alabama§ | — | 0 | 1 | — | — | — | 0 | 2 | — | — |
| Kentucky | — | 0 | 1 | — | — | — | 0 | 0 | — | — |
| Mississippi | — | 0 | 9 | 1 | 1 | — | 0 | 5 | — | 1 |
| Tennessee§ | — | 0 | 3 | — | — | — | 0 | 1 | — | — |
| **W.S. Central** | — | 0 | 32 | 2 | 2 | — | 0 | 22 | — | 5 |
| Arkansas | — | 0 | 3 | — | — | — | 0 | 2 | — | 2 |
| Louisiana | — | 0 | 20 | — | — | — | 0 | 9 | — | 2 |
| Oklahoma | — | 0 | 6 | — | — | — | 0 | 3 | — | — |
| Texas§ | — | 0 | 16 | 2 | 2 | — | 0 | 13 | — | 1 |
| **Mountain** | — | 0 | 16 | 1 | 1 | — | 0 | 39 | — | 5 |
| Arizona | — | 0 | 8 | — | 1 | — | 0 | 8 | — | — |
| Colorado | — | 0 | 5 | 1 | — | — | 0 | 13 | — | 4 |
| Idaho§ | — | 0 | 2 | — | — | — | 0 | 3 | — | — |
| Montana | — | 0 | 3 | — | — | — | 0 | 9 | — | — |
| Nevada§ | — | 0 | 3 | — | — | — | 0 | 8 | — | — |
| New Mexico§ | — | 0 | 3 | — | — | — | 0 | 4 | — | 1 |
| Utah | — | 0 | 6 | — | — | — | 0 | 8 | — | — |
| Wyoming | — | 0 | 2 | — | — | — | 0 | 1 | — | — |
| **Pacific** | — | 0 | 50 | — | 2 | — | 0 | 90 | — | 7 |
| Alaska | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| California | — | 0 | 50 | — | 2 | — | 0 | 89 | — | 7 |
| Hawaii | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Oregon§ | — | 0 | 1 | — | — | — | 0 | 2 | — | — |
| Washington | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| American Samoa | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| C.N.M.I. | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Guam | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Incidence data for reporting years 2005 and 2006 are provisional.
† Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases (ArboNet Surveillance).
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE III. Deaths in 122 U.S. cities,* week ending June 10, 2006 (23rd Week)**

| Reporting Area | All causes, by age (years) | | | | | | P&I† Total |
|---|---|---|---|---|---|---|---|
| | All Ages | ≥65 | 45-64 | 25-44 | 1-24 | <1 | |
| **New England** | 504 | 346 | 112 | 24 | 9 | 13 | 50 |
| Boston, MA | 152 | 101 | 40 | 5 | 2 | 4 | 19 |
| Bridgeport, CT | 22 | 14 | 5 | 2 | — | 1 | 1 |
| Cambridge, MA | 19 | 13 | 4 | 1 | — | 1 | 3 |
| Fall River, MA | 13 | 10 | 2 | 1 | — | — | 2 |
| Hartford, CT | 50 | 31 | 12 | 3 | 3 | 1 | 3 |
| Lowell, MA | 23 | 18 | 5 | — | — | — | 5 |
| Lynn, MA | 13 | 10 | 2 | 1 | — | — | — |
| New Bedford, MA | 14 | 11 | 3 | — | — | — | 3 |
| New Haven, CT | U | U | U | U | U | U | U |
| Providence, RI | 83 | 58 | 15 | 5 | 2 | 3 | 4 |
| Somerville, MA | 7 | 4 | 2 | 1 | — | — | — |
| Springfield, MA | 35 | 24 | 5 | 4 | — | 2 | 1 |
| Waterbury, CT | 24 | 15 | 7 | 1 | 1 | — | 1 |
| Worcester, MA | 49 | 37 | 10 | — | 1 | 1 | 8 |
| **Mid. Atlantic** | 2,227 | 1,521 | 478 | 150 | 46 | 31 | 128 |
| Albany, NY | 42 | 34 | 4 | 2 | 2 | — | 5 |
| Allentown, PA | 21 | 20 | 1 | — | — | — | — |
| Buffalo, NY | 79 | 52 | 18 | 4 | 2 | 3 | 4 |
| Camden, NJ | 24 | 14 | 7 | 1 | 2 | — | — |
| Elizabeth, NJ | 26 | 17 | 6 | 3 | — | — | 2 |
| Erie, PA | 37 | 30 | 6 | — | 1 | — | 2 |
| Jersey City, NJ | 37 | 20 | 12 | 4 | — | 1 | — |
| New York City, NY | 1,080 | 738 | 243 | 71 | 13 | 14 | 65 |
| Newark, NJ | 49 | 23 | 15 | 9 | 2 | — | 5 |
| Paterson, NJ | 11 | 5 | 1 | 2 | 2 | 1 | — |
| Philadelphia, PA | 403 | 268 | 79 | 33 | 17 | 6 | 24 |
| Pittsburgh, PA§ | 38 | 20 | 14 | 2 | 1 | 1 | — |
| Reading, PA | 25 | 19 | 3 | 2 | — | 1 | 1 |
| Rochester, NY | 137 | 100 | 31 | 5 | — | 1 | 8 |
| Schenectady, NY | 16 | 13 | 2 | 1 | — | — | — |
| Scranton, PA | 31 | 26 | 4 | 1 | — | — | 1 |
| Syracuse, NY | 105 | 80 | 16 | 5 | 3 | 1 | 8 |
| Trenton, NJ | 39 | 24 | 9 | 4 | — | 2 | — |
| Utica, NY | 10 | 8 | 2 | — | — | — | 1 |
| Yonkers, NY | 17 | 10 | 5 | 1 | 1 | — | 2 |
| **E.N. Central** | 2,034 | 1,348 | 472 | 128 | 43 | 43 | 117 |
| Akron, OH | 55 | 38 | 13 | 2 | 1 | 1 | 4 |
| Canton, OH | 33 | 29 | 3 | 1 | — | — | 3 |
| Chicago, IL | 336 | 201 | 78 | 38 | 8 | 11 | 19 |
| Cincinnati, OH | 83 | 52 | 15 | 7 | 1 | 8 | 16 |
| Cleveland, OH | 241 | 178 | 51 | 9 | 2 | 1 | 5 |
| Columbus, OH | 181 | 118 | 44 | 13 | 1 | 5 | 13 |
| Dayton, OH | 123 | 84 | 27 | 8 | 3 | 1 | 9 |
| Detroit, MI | 190 | 100 | 69 | 13 | 5 | 3 | 9 |
| Evansville, IN | 41 | 32 | 5 | 2 | 2 | — | 3 |
| Fort Wayne, IN | 57 | 42 | 12 | 3 | — | — | 2 |
| Gary, IN | 18 | 11 | 3 | 3 | 1 | — | — |
| Grand Rapids, MI | 67 | 53 | 9 | 3 | — | 2 | 4 |
| Indianapolis, IN | 185 | 105 | 51 | 10 | 12 | 7 | 9 |
| Lansing, MI | 36 | 25 | 8 | 1 | 1 | 1 | 1 |
| Milwaukee, WI | 102 | 67 | 27 | 6 | — | 2 | 13 |
| Peoria, IL | 42 | 29 | 10 | 2 | 1 | — | 1 |
| Rockford, IL | 51 | 36 | 10 | 5 | — | — | 3 |
| South Bend, IN | 37 | 29 | 5 | 1 | 1 | 1 | — |
| Toledo, OH | 106 | 78 | 23 | 1 | 4 | — | 3 |
| Youngstown, OH | 50 | 41 | 9 | — | — | — | — |
| **W.N. Central** | 628 | 405 | 162 | 35 | 16 | 10 | 47 |
| Des Moines, IA | 39 | 20 | 15 | 4 | — | — | 1 |
| Duluth, MN | 31 | 22 | 8 | 1 | — | — | 6 |
| Kansas City, KS | 29 | 16 | 9 | — | 4 | — | 3 |
| Kansas City, MO | 101 | 73 | 20 | 4 | 2 | 2 | 2 |
| Lincoln, NE | 34 | 28 | 2 | 2 | 2 | — | — |
| Minneapolis, MN | 67 | 34 | 22 | 5 | 4 | 2 | 10 |
| Omaha, NE | 80 | 59 | 19 | 2 | — | — | 11 |
| St. Louis, MO | 120 | 58 | 43 | 15 | 2 | 2 | 4 |
| St. Paul, MN | 50 | 38 | 8 | — | — | 4 | 4 |
| Wichita, KS | 77 | 57 | 16 | 2 | 2 | — | 6 |
| **S. Atlantic** | 1,258 | 794 | 296 | 100 | 38 | 28 | 69 |
| Atlanta, GA | 159 | 86 | 45 | 13 | 13 | 2 | 5 |
| Baltimore, MD | 154 | 87 | 49 | 12 | 3 | 3 | 17 |
| Charlotte, NC | 74 | 40 | 20 | 11 | 2 | 1 | 8 |
| Jacksonville, FL | 165 | 106 | 32 | 16 | 4 | 7 | 12 |
| Miami, FL | 116 | 79 | 19 | 9 | 3 | 6 | 2 |
| Norfolk, VA | 47 | 31 | 10 | 2 | 1 | 3 | 1 |
| Richmond, VA | 69 | 42 | 20 | 6 | — | 1 | 2 |
| Savannah, GA | 65 | 44 | 15 | 4 | 1 | 1 | 2 |
| St. Petersburg, FL | 65 | 44 | 12 | 5 | 2 | 2 | 8 |
| Tampa, FL | 210 | 141 | 52 | 12 | 4 | — | 9 |
| Washington, D.C. | 116 | 78 | 22 | 9 | 4 | 2 | 2 |
| Wilmington, DE | 18 | 16 | — | 1 | 1 | — | 1 |
| **E.S. Central** | 804 | 490 | 214 | 56 | 28 | 16 | 52 |
| Birmingham, AL | 168 | 98 | 51 | 9 | 5 | 5 | 20 |
| Chattanooga, TN | 93 | 59 | 24 | 5 | 2 | 3 | 7 |
| Knoxville, TN | 85 | 58 | 23 | 1 | 3 | — | 1 |
| Lexington, KY | 110 | 67 | 25 | 9 | 6 | 3 | 4 |
| Memphis, TN | 72 | 38 | 21 | 8 | 5 | — | 3 |
| Mobile, AL | 81 | 57 | 18 | 3 | 3 | — | 5 |
| Montgomery, AL | 49 | 30 | 10 | 8 | 1 | — | 3 |
| Nashville, TN | 146 | 83 | 42 | 13 | 3 | 5 | 9 |
| **W.S. Central** | 1,461 | 963 | 320 | 103 | 44 | 31 | 59 |
| Austin, TX | 94 | 56 | 27 | 7 | — | 4 | 1 |
| Baton Rouge, LA | 68 | 42 | 21 | 2 | 1 | 2 | 2 |
| Corpus Christi, TX | 42 | 34 | 3 | 1 | 3 | 1 | 5 |
| Dallas, TX | 189 | 98 | 53 | 20 | 12 | 6 | 13 |
| El Paso, TX | 113 | 88 | 16 | 5 | 3 | 1 | 3 |
| Fort Worth, TX | 103 | 71 | 25 | 4 | 1 | 2 | 8 |
| Houston, TX | 353 | 243 | 55 | 39 | 10 | 6 | 3 |
| Little Rock, AR | 56 | 30 | 20 | 2 | 3 | 1 | 5 |
| New Orleans, LA¶ | U | U | U | U | U | U | U |
| San Antonio, TX | 233 | 156 | 52 | 13 | 5 | 7 | 5 |
| Shreveport, LA | 52 | 30 | 16 | 3 | 3 | — | 9 |
| Tulsa, OK | 158 | 115 | 32 | 7 | 3 | 1 | 5 |
| **Mountain** | 899 | 558 | 207 | 75 | 35 | 23 | 53 |
| Albuquerque, NM | 132 | 79 | 33 | 16 | 4 | — | 9 |
| Boise, ID | 51 | 36 | 9 | 2 | 1 | 3 | 6 |
| Colorado Springs, CO | 70 | 47 | 17 | 3 | 1 | 2 | 4 |
| Denver, CO | 84 | 58 | 11 | 7 | 5 | 3 | 5 |
| Las Vegas, NV | 237 | 148 | 60 | 21 | 5 | 3 | 11 |
| Ogden, UT | 32 | 22 | 4 | 1 | 4 | 1 | 2 |
| Phoenix, AZ | 186 | 93 | 50 | 21 | 14 | 7 | 10 |
| Pueblo, CO | 21 | 14 | 6 | 1 | — | — | 1 |
| Salt Lake City, UT | 86 | 61 | 17 | 3 | 1 | 4 | 5 |
| Tucson, AZ | U | U | U | U | U | U | U |
| **Pacific** | 1,652 | 1,123 | 358 | 100 | 44 | 27 | 143 |
| Berkeley, CA | 16 | 11 | 4 | 1 | — | — | — |
| Fresno, CA | 164 | 113 | 31 | 15 | 4 | 1 | 6 |
| Glendale, CA | 17 | 13 | 3 | — | — | 1 | 1 |
| Honolulu, HI | 82 | 66 | 11 | 1 | 2 | 2 | — |
| Long Beach, CA | 74 | 51 | 18 | 3 | 1 | 1 | 8 |
| Los Angeles, CA | 330 | 200 | 76 | 30 | 13 | 11 | 31 |
| Pasadena, CA | 17 | 12 | 4 | — | 1 | — | 6 |
| Portland, OR | 121 | 85 | 28 | 6 | 1 | 1 | 9 |
| Sacramento, CA | 195 | 127 | 46 | 12 | 9 | 1 | 17 |
| San Diego, CA | 170 | 116 | 36 | 9 | 5 | 4 | 14 |
| San Francisco, CA | U | U | U | U | U | U | U |
| San Jose, CA | 171 | 132 | 27 | 9 | 3 | — | 19 |
| Santa Cruz, CA | 27 | 20 | 6 | 1 | — | — | 5 |
| Seattle, WA | 106 | 54 | 41 | 7 | — | 4 | 11 |
| Spokane, WA | 46 | 39 | 6 | 1 | — | — | 5 |
| Tacoma, WA | 116 | 84 | 21 | 5 | 5 | 1 | 11 |
| **Total** | 11,467** | 7,548 | 2,619 | 771 | 303 | 222 | 718 |

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.

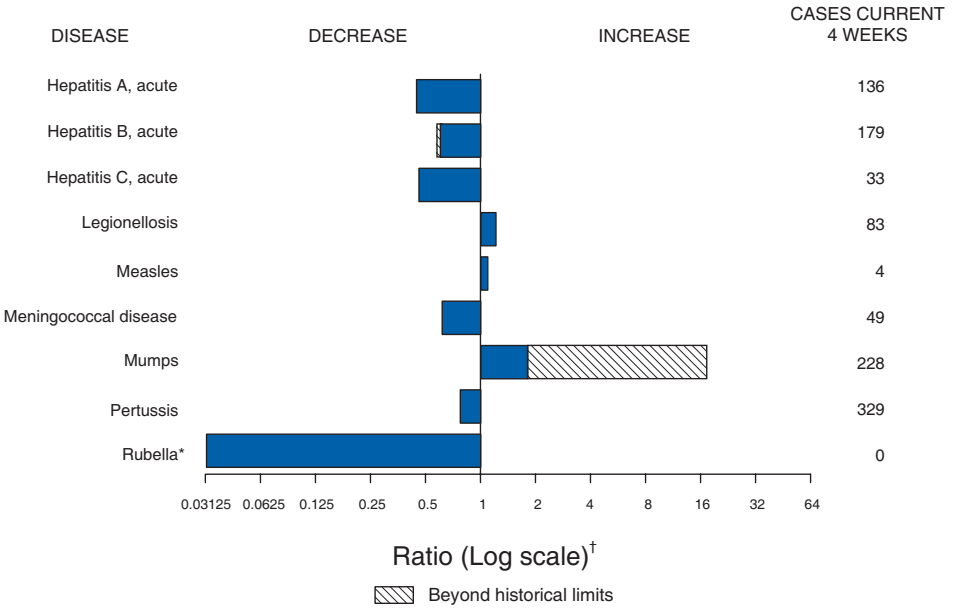
† Pneumonia and influenza.

§ 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 June 10, 2006, with historical data**




* No rubella cases were reported for the current 4-week period yielding a ratio for week 23 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 Morbidity and 122 Cities Mortality Data Team**

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The *Morbidity and Mortality Weekly Report (MMWR)* Series is prepared by the Centers for Disease Control and Prevention (CDC) and is available free of charge in electronic format. To receive an electronic copy each week, send an e-mail message to *listserv@listserv.cdc.gov*. The body content should read *SUBscribe mmwr-toc*. Electronic copy also is available from CDC's Internet server at *http://www.cdc.gov/mmwr* or from CDC's file transfer protocol server at *ftp://ftp.cdc.gov/pub/publications/mmwr*. Paper copy subscriptions are available through the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; telephone 202-512-1800.

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☆U.S. Government Printing Office: 2006-523-056/40053 Region IV ISSN: 0149-2195