Centers for Disease Control and Prevention
MMWR
Morbidity and Mortality Weekly Report

Weekly / Vol. 59 / No. 46

November 26, 2010

## World AIDS Day 2010

World AIDS Day (December 1) draws attention to the human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS) epidemic worldwide. In the United States, approximately 56,000 persons become infected with HIV each year. The National HIV/AIDS Strategy calls for 1) educating all persons in the United States about the continued risk for HIV, 2) implementing intensive, combined HIV-prevention programs in communities with high HIV prevalence, 3) ensuring access to services, and 4) reducing HIV-related health disparities (*1*).

Globally, at the beginning of 2003, approximately 50,000 persons were receiving antiretroviral therapy (ART) in sub-Saharan Africa, where the need for such therapy was greatest (*2*). Currently, through the U.S. President's Emergency Plan for AIDS Relief (PEPFAR) and a partnership among many organizations, approximately 5 million persons receive ART in low-income and middle-income countries (*3*). Building on these successes, CDC focuses on strengthening systems and capacities of ministries of health to implement sustainable, evidence-based prevention, care, and treatment services. CDC also is working with its partners to ensure cost-effective programming and efficient implementation through increased technical assistance to multiple countries.

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## Mortality Among Patients with Tuberculosis and Associations with HIV Status — United States, 1993–2008

Worldwide, tuberculosis (TB) incidence increased from 125 cases per 100,000 population in 1990 to 142 cases per 100,000 population in 2004, primarily because of the human immunodeficiency virus (HIV) epidemic (*1*). Persons with HIV are at increased risk for TB disease, and those with TB have a high risk for death. This is documented most clearly in resource-limited settings, where limited access to antiretroviral therapy (ART) and other health-care services contribute to the elevated mortality (*1*). The impact of HIV on patients with TB is less clear in resource-rich nations such as the United States. To understand the impact of HIV on the risk for death during TB treatment in the United States, data were analyzed for all culture-positive patients with TB from 1993 to 2008, and the proportion that died was determined and stratified by HIV test result. Mortality data were restricted to patients reported before 2007. The proportion of all patients with TB who died during TB treatment decreased from 2,445 of 13,629 (18%) in 1993 to 682 of 7,578 (9%) in 2006. Among patients with TB and HIV, 950 of 2,337 (41%) died during treatment in 1993; this proportion declined to 131 of 663 (20%) in 2006. The proportion of patients with TB and HIV who received their TB diagnosis postmortem dropped from 191 of 2,927 (7%) in 1993 to 32 of 768 (4%) in 2006; 624 of 10,468 (6%) persons with TB and unknown HIV status received their TB

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diagnosis postmortem in 1993, and this proportion did not decline. Further reductions in mortality can be achieved by enhanced TB/HIV program collaboration and service integration.

Since 1993, all cases of TB diagnosed in the United States have been reported to CDC and entered into the National TB Surveillance System (NTSS), a comprehensive database that contains demographic, clinical, and outcome data. All culture-confirmed cases of TB were reviewed by CDC to determine 1) the proportion of cases diagnosed postmortem and 2) the proportion of cases in persons who were alive at diagnosis and who died during TB treatment; results then were stratified by HIV status (i.e., HIV infected, HIV uninfected, or HIV status unknown). The HIV-unknown category included patients with indeterminate or unknown results as well as patients who were not offered or refused testing. Rates of HIV test reporting during 2007–2008 were stratified by selected demographic characteristics. Mortality analyses were restricted to patients reported before 2007 (to allow 2 years for treatment outcomes to be reported) and to those whose outcomes were known (excluding patients who moved, were lost to follow-up, were uncooperative with treatment, or whose outcome was missing or listed as other). Because California reports HIV test results only for patients who receive diagnoses of acquired immunodeficiency syndrome (AIDS), and does not report the HIV status of those who test negative, all data from California were excluded.

The proportion of patients with TB who had documented HIV test results increased substantially, from 6,015 of 16,507 (36%) in 1993 to 6,234 of 7,872 (79%) in 2008 (Figure 1). The proportion of patients with TB who had a known outcome and were alive at diagnosis but died during TB treatment decreased from 2,445 of 13,629 (18%) in 1993 to 682 of 7,578 (9%) in 2006 (Figure 2). Among patients with TB and HIV, 950 of 2,337 (41%) died during treatment in 1993; this proportion declined to 299 of 1,393 (21%) in 1997 and later to 131 of 663 (20%) in 2006 (Figure 2). By contrast, the proportion of TB patients without HIV who died during treatment decreased from 213 of 2,705 (8%) in 1993 to 281 of 5,315 (5%) in 2006. For patients with unknown HIV status, 1,282 of 8,587 (15%) died in 1993, with no decrease in proportion observed over the study period (Figure 2). Among patients with HIV who received diagnoses of TB, 191 of 2,927 (7%) received their TB diagnosis postmortem in 1993, which decreased to 32 of 768 (4%) in 2006. Among culture-confirmed cases of TB

The *MMWR* series of publications is published by the Office of Surveillance, Epidemiology, and Laboratory Services, 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 2010;59:[inclusive page numbers].

that occurred in persons who were HIV uninfected, 53 of 3,080 (2%) received their TB diagnosis postmortem in 1993, a proportion that decreased to 31 of 5,762 (1%) in 2006. Of those with unknown HIV status, 624 of 10,468 (6%) received their TB diagnosis postmortem; that proportion did not decline.

Among those with known HIV status, 2,932 of 6,015 (49%) patients with TB had HIV infection in 1993 and accounted for 950 of 1,163 (82%) deaths during treatment and 191 of 244 (78%) patients who received a TB diagnosis postmortem. In 2006, 769 of 6,533 (12%) patients with reported status had HIV, but accounted for 131 of 412 (32%) and 32 of 63 (51%) of those who died during treatment and those who received a TB diagnosis postmortem, respectively.

HIV testing during 2007–2008 was lower in certain demographic groups than the overall sample, notably, 102 of 201 (51%) patients aged ≤4 years, 95 of 144 (66%) patients aged 5–14 years, 1,824 of 3,253 (56%) patients aged ≥65 years, and 2,154 of 3,056 (70%) non-Hispanic white patients had HIV test results reported (Table).

## Reported by

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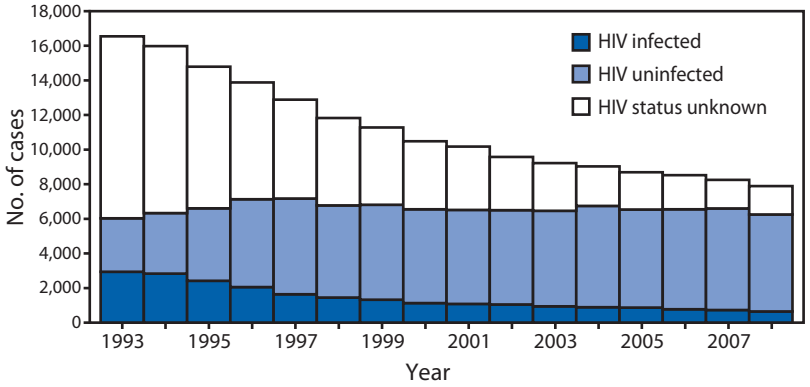
## Editorial Note

This analysis demonstrates a substantial reduction in case-fatality rate among patients with TB in the United States from 1993 to 2006, a decline that occurred almost exclusively in persons with HIV and corresponded to an increase in reported HIV test results and broader availability of highly active ART. In 2008, however, 21% of patients with TB still had unknown HIV status, and this proportion was even higher in certain demographic groups. This is unacceptable given that knowledge of HIV status is essential for appropriate treatment and that current guidelines recommend HIV testing for all patients with TB in the United States (*2*). A larger proportion of patients with TB were tested for HIV in some countries with a much higher burden of HIV and TB than the United States and far fewer resources, such as Kenya.*

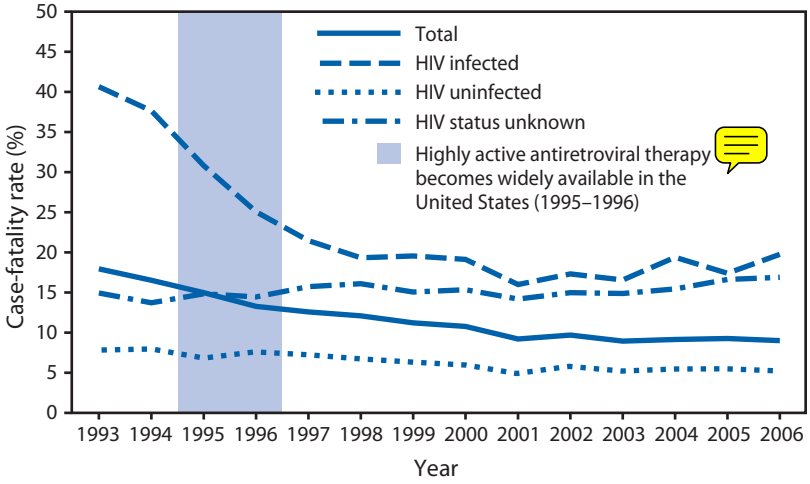
*Additional information available at http://www.nltp.co.ke/reports.html.

**FIGURE 1. Number of culture-confirmed tuberculosis patients with a recorded HIV test result, by HIV infection status — United States,* 1993–2008**




* Excludes California data because of lack of HIV data on patients with tuberculosis without AIDS.

**FIGURE 2. Case-fatality rates among culture-confirmed tuberculosis patients who were alive at diagnosis and whose treatment outcomes were known, by HIV infection status — United States,* 1993–2006**




* Excludes California data because of lack of HIV data on patients with tuberculosis without AIDS.

In resource-limited settings, studies have demonstrated that without concurrent treatment of HIV, up to 50% of persons with HIV who develop TB will die during the 6- to 8-month course of TB treatment, many of them in the first 2 to 3 months (*3,4*). When patients with TB and HIV are treated with ART and prophylactic therapy for opportunistic infections as recommended (*5*), the proportion of patients who die during TB treatment can be reduced to less than 10% (*4*).

Recent research from New York City showed acceptable TB treatment success in patients with TB and HIV only when they received ART and directly observed therapy (*6*), underscoring the critical

**TABLE. Number/sample and percentage of tuberculosis patients with a recorded HIV test result, by selected demographic characteristics — United States, 2007–2008**

| Characteristic | No. | (%) |
|---|---|---|
| **Sex*** | | |
| Male | 8,246/10,081 | (82) |
| Female | 4,568/6,019 | (76) |
| **Age group (yrs)†** | | |
| 0–4 | 102/201 | (51) |
| 5–14 | 95/144 | (66) |
| 15–24 | 1,771/1,961 | (90) |
| 25–44 | 4,938/5,543 | (89) |
| 45–64 | 4,085/4,998 | (82) |
| ≥65 | 1,824/3,253 | (56) |
| **Race/Ethnicity§** | | |
| Hispanic | 3,591/4,254 | (84) |
| American Indian/Alaska Native | 168/215 | (78) |
| Asian/Pacific Islander | 2,571/3,533 | (73) |
| Black, non-Hispanic | 4,186/4,847 | (86) |
| Native Hawaiian | 72/95 | (76) |
| White, non-Hispanic | 2,154/3,056 | (70) |
| **Origin¶** | | |
| Foreign-born | 7,077/8,778 | (81) |
| U.S.-born | 5,713/7,275 | (79) |

* Two patients had missing data for sex; both were tested for HIV.
† Two patients had missing data for age; one was tested for HIV.
§ Forty-four patients were listed as multiple race/ethnicity; 36 (82%) were tested for HIV. Fifty-eight patients had missing data for race/ethnicity; 38 (66%) were tested for HIV.
¶ Forty-nine patients had missing data for origin; 26 (53%) were tested for HIV.

importance of these two treatment modalities. In this analysis, mortality declined steeply among patients with TB and HIV after highly active ART became widely available during 1995–1996. Data such as ART use, CD4 count, and specific cause of death are not reported to NTSS, and the impact of each of these could not be directly assessed; however, highly active ART use likely was an important factor in reducing mortality and, of course, can only be provided to those whose HIV infection is known.

A substantial proportion of culture-confirmed TB diagnoses among persons with either documented HIV infection or unknown HIV status were made postmortem. Research has demonstrated that when patients with TB and HIV die from TB, it is often because diagnosis is delayed (*7*), and these deaths might have been prevented if TB disease had been diagnosed and treated earlier. Screening persons with HIV for TB at regular intervals in accordance with current recommendations (*8*) allows for earlier diagnosis and treatment of TB and has been shown to lower mortality (*9*).

**What is already known on this topic?**

Data from resource-limited settings demonstrate a strong association between HIV infection and death among patients with TB; however, the effect of the HIV epidemic on patients with TB has not been well-characterized in the United States.

**What is added by this report?**

The findings in this report show that mortality among patients with TB and HIV has decreased substantially in the United States since highly active antiretroviral therapy became widely available, and in conjunction with increased HIV testing of patients with TB; however, in 2006, nearly one quarter of patients with TB still had unknown HIV status, and nearly 20% of patients with TB and HIV died.

**What are the implications for public health practice?**

Mortality among patients with TB in the United States likely will be reduced by increasing the proportion of patients with TB tested for HIV, improving screening for TB among those known to be HIV infected, initiating early treatment for both diseases, and stepping up efforts to prevent TB. In addition, a better understanding of causes of death would further improve practice.

Treatment of latent TB infection and use of ART have been shown to substantially reduce the risk for TB disease in persons with HIV (*10*). Increasing HIV testing of the general population will help identify those for whom early ART initiation and treatment of latent TB infection might prevent TB before it develops (*10*).

The findings in this report are subject to at least two limitations. First, California accounts for approximately 20% of the patients with TB in the United States, and excluding those data might affect generalizability if those patients differed from other patients with TB in key ways. Second, outcome data were missing for 10% of all patients included in this analysis, and NTSS does not document cause of death for those who died; knowledge of mortality concerning these patients is limited.

Much progress has been made in reducing mortality among patients with TB and HIV in the United States since 1993. Further reductions in mortality can be achieved by enhanced TB and HIV program collaboration and service integration, including 1) providing HIV testing to all patients with TB; 2) screening all persons with HIV for TB disease and infection regularly; and 3) providing early and

appropriate TB and HIV treatment to all patients with TB and HIV.† States and local health-care organizations should analyze their own data to determine how to best target interventions aimed at increasing HIV testing. In addition, studying the specific causes of death in patients with TB and HIV would facilitate development of additional measures to decrease the risk for death.

† Additional information available at http://www.who.int/hiv/pub/tb/tbhiv/en/index.html.

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# HIV Testing and Treatment Among Tuberculosis Patients — Kenya, 2006–2009

In resource-limited settings, high case-fatality rates are seen among tuberculosis (TB) patients with human immunodeficiency virus (HIV) infection, especially during the early months of TB treatment (*1*). HIV prevalence among TB patients has been estimated to be as high as 80%–90% in some areas of sub-Saharan Africa (*2*). In 2004, the World Health Organization (WHO) recommended increasing collaboration between HIV and TB programs (*3*). Since then, many countries, including Kenya, have worked to increase TB/HIV collaborative activities. In 2005, the Kenya Division of Leprosy, Tuberculosis, and Lung Disease (DLTLD) added questions regarding HIV testing and treatment to the existing TB surveillance system.* This report summarizes HIV data collected from Kenya's extended TB surveillance system during 2006–2009. During this period, HIV testing among TB patients increased from 60% in 2006 to 88% in 2009, and the prevalence of HIV infection among TB patients tested decreased from 52% to 44%. In 2009, 92% of HIV-infected TB patients received cotrimoxazole prophylaxis for the prevention of opportunistic infections (*4*). Although these data highlight the increase in HIV services provided to TB patients, only 34% of HIV-infected TB patients started antiretroviral therapy (ART) while being treated for TB. Innovative interventions are needed to increase HIV treatment among TB patients in Kenya, especially considering the 2009 WHO guidelines recommending that all HIV-infected TB patients be started on ART as soon as possible, regardless of CD4 count (*5*). Although these guidelines have not yet been implemented in Kenya, officials are working to identify methods of increasing access to ART for TB patients.

In 2004, the Kenya Ministry of Health (which in 2008 became the Ministry of Public Health and Sanitation [MOPHS]) established the TB/HIV Coordinating Committee to help develop policy and guidance for implementation of TB/HIV collaborative activities. The committee recommended using the existing national TB program infrastructure to expand HIV counseling and testing services† to TB patients. In addition, the committee recommended using provider-initiated testing and counseling, an "opt-out" model in which HIV testing is performed routinely unless the patient declines. Because cotrimoxazole prophylaxis has been shown to reduce opportunistic infections and to decrease morbidity and mortality for HIV-infected TB patients, the committee recommended that TB clinics offer cotrimoxazole prophylaxis to all HIV-infected TB patients (i.e., those with documentation of a positive HIV test result in the facility TB register) (*6*). Finally, the committee recommended that HIV-infected patients be referred to separate HIV care and treatment clinics for additional HIV care and evaluation for eligibility for ART.§

DLTLD is responsible for overseeing clinical activities at approximately 2,200 TB diagnostic and treatment facilities and for collecting routine surveillance data. Provincial and district TB/leprosy coordinators manage the network of TB facilities. District coordinators receive quarterly reports regarding all patients with active TB disease who are newly registered (i.e., currently diagnosed with active TB disease and receiving TB treatment) at each TB clinic, compile this information into quarterly aggregate district reports, and then forward the reports to the provincial coordinators, who submit the information to DLTLD.

In 2005, DLTLD added key HIV-related information to the local TB facility register and the district-level reporting forms: HIV testing status for TB patients, HIV test results, and receipt of cotrimoxazole prophylaxis, which are available directly from TB clinic records, and information about ART during

* Available at http://www.nltp.co.ke/docs/annual_report_2007.pdf.

† HIV testing in Kenya follows an established algorithm that involves parallel or serial testing with two rapid HIV tests. If the two tests have discordant results, a third confirmatory test (rapid test or other confirmatory test) is used as a tie-breaker. Rapid test results are provided to the patient on the same day that the test was conducted.

§ In Kenya, HIV-infected patients are eligible for ART if they have 1) a CD4 count of <200 cells/mm$^3$, 2) a CD4 count of 200–350 cells/mm$^3$ and WHO stage III disease, or 3) WHO stage IV disease (regardless of CD4 count).

TB treatment, which generally is based on patient reports of care received at separate HIV clinics (*8*). By January 1, 2006, all TB districts in Kenya had added these HIV variables to the routine TB surveillance reporting forms. For this report, data collected through the extended TB surveillance system during 2006–2009 were analyzed.

From 2006 to 2009, the total number of newly registered TB patients reported each year decreased 5%, from 115,234 to 110,015 (Table). The prevalence of HIV testing among TB patients increased from 60% (of 115,234 patients) to 88% (of 110,015 patients), and the prevalence of HIV infection among TB patients tested decreased from 52% (of 69,337 tested) in 2006 to 44% (of 96,280 tested) in 2009. In 2009, HIV prevalence among TB patients varied widely by province, ranging from 5% in North Eastern Province to 70% in Nyanza Province (Figure).

Provision of cotrimoxazole prophylaxis to HIV-infected TB patients remained high throughout this period; 87% received cotrimoxazole in 2006, and 92% in 2009. During the same period, the percentage of HIV-infected TB patients receiving ART increased from 26% to 34% (Table).

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### Editorial Note

Within 5 years of the addition of HIV activities to the country's TB program, 88% of TB patients in Kenya were tested for HIV, and 92% of HIV-infected TB patients received cotrimoxazole prophylaxis in TB clinical settings. Elsewhere in sub-Saharan Africa, success with HIV testing of TB patients varies widely; Malawi tests approximately 80% of TB patients, but estimates of testing are lower in Uganda (60%), Zambia (60%), and South Africa (40%) (CDC, unpublished data, 2010).

HIV testing and clinical services in Kenya historically have been provided through the National AIDS and STI Control Programme. However, the findings in this report show that DLTLD has been successful in providing key HIV services within the existing TB program infrastructure. Multiple actions were critical to achieving this success, including establishment of the TB/HIV Coordinating Committee, which assisted with development of national guidelines for HIV testing in 2004 and promoted provider-initiated testing and counseling in multiple health-care settings (*7*). Provider-initiated testing and counseling has been shown to increase the proportion of patients tested when compared with traditional "opt-in" models in

**What is already known on this topic?**

TB is the leading cause of mortality worldwide for persons living with HIV infection, and HIV prevalence among TB patients in sub-Saharan Africa is estimated to be as high as 80%–90%.

**What is added by this report?**

Data from Kenya indicate increases in HIV testing among TB patients from 60% in 2006 to 88% in 2009; cotrimoxazole prophylaxis for opportunistic infections was provided to 92% of HIV-infected TB patients in 2009, but only 34% received potentially life-saving therapy with antiretroviral drugs during TB treatment.

**What are the implications for public health practice?**

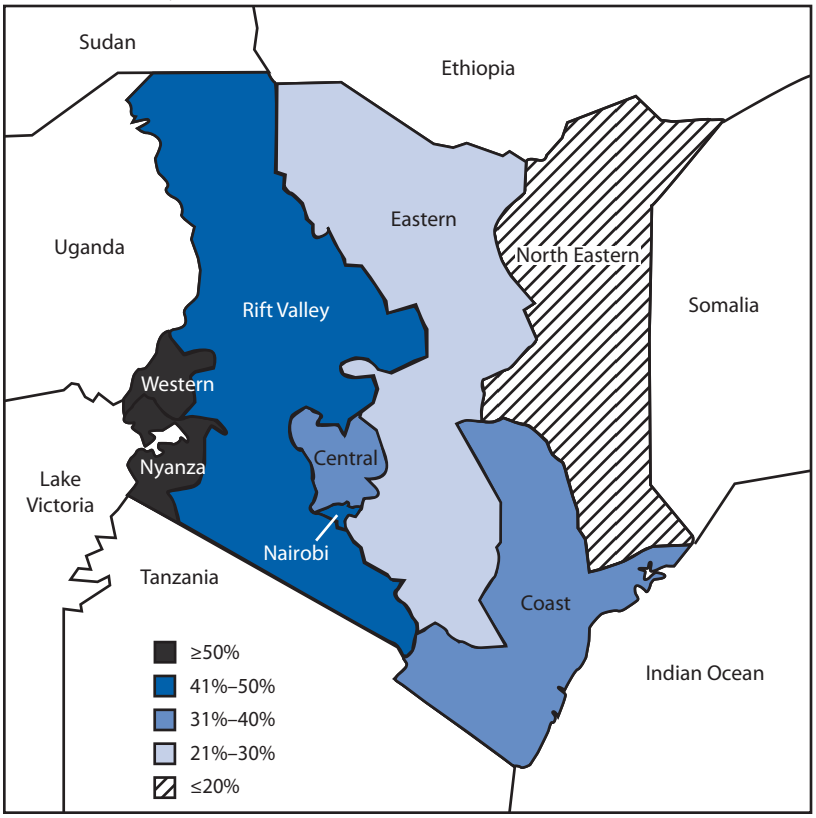
Efforts to reach HIV-infected TB patients through national TB programs can be successful, but TB/HIV collaborative efforts must be strengthened to increase use of antiretroviral therapy among these patients.

**TABLE. HIV testing and care and treatment services among newly registered TB patients* — Kenya, 2006–2009**

| | 2006 (N = 115,234) | | 2007 (N = 116,723) | | 2008 (N = 110,251) | | 2009 (N = 110,015) | |
|---|---|---|---|---|---|---|---|---|
| HIV testing/Services | No. | (%) | No. | (%) | No. | (%) | No. | (%) |
| Tested for HIV | 69,337 | (60%) | 91,841 | (79%) | 91,463 | (83%) | 96,280 | (88%) |
| HIV infected | 36,136 | (52%) | 43,954 | (48%) | 41,174 | (45%) | 42,210 | (44%) |
| Receiving CTX prophylaxis | 31,438 | (87%) | 37,800 | (86%) | 37,757 | (92%) | 38,989 | (92%) |
| Receiving ART | 9,395 | (26%) | 11,867 | (27%) | 12,426 | (30%) | 14,259 | (34%) |

**Abbreviations:** HIV = human immunodeficiency virus; TB = tuberculosis; CTX = cotrimoxazole; ART = antiretroviral therapy.
* All patients who are currently diagnosed with active TB disease and are receiving TB treatment.

**FIGURE. Prevalence of HIV infection among newly registered TB patients,* by province — Kenya, 2009**




**Abbreviations:** HIV = human immunodeficiency virus; TB = tuberculosis.
* All patients who are currently diagnosed with active TB disease and are receiving TB treatment.

which patients must request HIV testing (*2*). As HIV testing among newly registered TB patients increased, the prevalence of HIV among TB patients decreased, indicating that providers might have targeted early testing efforts to patients at greater risk for HIV (*8*). Overall, HIV prevalence among newly registered TB patients remains high, particularly in Nyanza Province (70%).

In addition to strong commitment to TB/HIV collaborative activities at the national level in Kenya, local leaders have been recruited to form regional TB/HIV coordinating bodies to translate national policy into action. These regional bodies implemented continuing medical education modules to promote provider-initiated testing and counseling and cotrimoxazole prophylaxis for HIV-infected patients as standard interventions in all TB clinical settings. Financial support from international donors including the U.S. President's Emergency Plan for AIDS Relief (PEPFAR), WHO, and the Global Fund to Fight AIDS, Tuberculosis, and Malaria also has been critical to the success of TB/HIV collaborative efforts. This funding has allowed MOPHS to hire additional staff members to support TB/HIV collaborative activities, and to ensure an uninterrupted supply of HIV rapid test kits, cotrimoxazole prophylaxis, ART, and monitoring and evaluation tools.

Despite these efforts, provision of ART to persons with HIV during TB treatment remains at only 34%. Data from the region indicate that more than 90% of HIV-infected TB patients in Kenya likely meet the country's CD4 count criteria for initiating ART (*8*), underscoring a large unmet need for treatment in this population.

The findings in this report are subject to at least two limitations. First, the number of HIV-infected TB patients receiving ART might have been underestimated. Some HIV-infected TB patients might have received ART late in TB treatment or after the end of TB treatment, and this information might not be captured by the extended TB surveillance system. No formal mechanism exists for transmitting information from the HIV clinic that provides ART to the TB clinic that reports these data. Second, this report relies on surveillance data, which often are subject to reporting delays and might not reflect the most recent program performance.

Initiation of ART for persons with HIV during TB treatment has been shown to reduce mortality by approximately 50% (*9*). In 2009, WHO recommended that all HIV-infected TB patients be started on ART regardless of CD4 count (*5*). Although Kenya's ART-eligibility criteria have not yet been changed, MOPHS has been working to identify methods of increasing access to ART for TB patients. Integration of HIV testing and cotrimoxazole provision into TB clinics in Kenya has resulted in increases in testing and cotrimoxazole prophylaxis. Similar increases might result with ART if offered within the TB clinic and not at another clinical site. One high-volume TB clinic in rural Kenya has integrated provision of ART into the clinic, resulting in a fourfold increase in ART initiation among HIV-infected TB patients (*10*). Additional strategies are needed to improve access to ART and strengthen linkages between TB clinics and HIV clinics to improve outcomes for HIV-infected TB patients.

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# Racial Disparities in Smoking-Attributable Mortality and Years of Potential Life Lost — Missouri, 2003–2007

An estimated 443,000 deaths in the United States occur each year as a result of cigarette smoking and exposure to secondhand smoke (*1*). These deaths cost the nation approximately $97 billion in lost productivity and $96 billion in health-care costs (*1*). During 2000–2004 in Missouri, smoking caused 9,600 deaths, 132,000 years of potential life lost (YPLL), $2.4 billion in productivity losses, and $2.2 billion in smoking-related health-care expenditures annually (*2*). To limit the adverse health consequences of tobacco use, states implement comprehensive tobacco control programs that identify disparities among population groups and target those disproportionately affected by tobacco use (*3*). This report compares the public health burden of smoking among whites and blacks in Missouri by estimating the number of smoking-attributable deaths and YPLL in these population subgroups during 2003–2007. The findings indicate that the average annual smoking-attributable mortality (SAM) rate in the state was 18% higher for blacks (338 deaths per 100,000) than for whites (286 deaths per 100,000). The relative difference in smoking-attributable mortality rates between blacks and whites was larger for men (28%) than women (11%). For Missouri, these estimates provide an important benchmark for measuring the success of tobacco control programs in decreasing the burden of smoking-related diseases in these populations and reaffirm the need for full implementation of the state's comprehensive tobacco control program (*3*).

The adult module of CDC's Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) system* was used to calculate the SAM and YPLL rates for 19 disease categories.† Five-year average annual SAM and YPLL rates were computed from annual reports generated through SAMMEC. These estimates only cover deaths among persons aged ≥35 years. Deaths attributable to secondhand smoke or from smoking-related fires were not included. Sex-, race-, and age-specific smoking-attributable deaths were calculated by multiplying the total number of deaths in each of the 19 disease categories by the estimate of the smoking-attributable fraction (SAF) of deaths for each demographic group.§ These deaths were then grouped into three cause-of-death categories (malignant neoplasm, circulatory disease, and respiratory disease). Both races were assumed to have the same relative risk for dying from a particular disease among the 19 disease categories attributable to smoking. Missouri data for 2003–2007 from the Behavioral Risk Factor Surveillance System (BRFSS) were used to estimate the age-, sex-, and race-specific annual prevalence of current and former smoking in the state.¶ Missouri death records for 2003–2007 were used to calculate the age-, sex-, race-, and disease-specific number of deaths each year (*4*). The life expectancy (average remaining years of life) by age group and sex was calculated using the abridged life table,** and absolute and relative disparity indexes were computed for each smoking-related disease category (Tables 1–3) comparing SAM rates for blacks to SAM rates for whites. T-tests were used to evaluate the statistical significance ($p \leq 0.05$) of differences in SAM/YPLL rates between blacks and whites for the three major disease categories and major diseases.††

During 2003–2007, smoking caused an estimated average of 9,377 deaths (8,400 among whites and 853 among blacks§§) annually among adults in Missouri

* Available at http://apps.nccd.cdc.gov/sammec.

† Based on *International Classification of Diseases, 10th Revision* coding, including the following: *malignant neoplasms:* lip, oral cavity, pharynx (C00–C14), esophagus (C15), stomach (C16), pancreas (C25), larynx (C32), trachea, lung, bronchus (C33–C34), cervix uteri (C53), kidney and renal pelvis (C64–C65), urinary bladder (C67), and acute myeloid leukemia (C92.0); *circulatory diseases:* ischemic heart disease (I20–I25), other heart disease (I00–I09, I26–I51), cerebrovascular disease (I00–I69), atherosclerosis (I70–I71), aortic aneurysm (I71), and other arterial disease (I72–I78); *respiratory diseases:* pneumonia, influenza (J10–J18), bronchitis, emphysema (J40–J42, J43), and chronic airway obstruction (J44).

§ SAFs for each disease were calculated by using the following equation: $SAF = [(p_1(RR_1) - 1) + p_2(RR_2 - 1)] / [p_1(RR_1 - 1) + p_2(RR_2 - 1) + 1]$ where $p_1$ = percentage of current smokers (persons who have smoked ≥100 cigarettes and now smoke every day or some days), $p_2$ = percentage of former smokers (persons who have smoked ≥100 cigarettes and do not currently smoke), $RR_1$ = relative risk for current smokers relative to never smokers, and $RR_2$ = relative risk for former smokers relative to never smokers.

¶ Available at http://www.cdc.gov/brfss/index.htm.

** Available at http://www.dhss.mo.gov/VitalStatistics.

†† Absolute disparity = $(SAM \text{ or } YPLL)_{blacks} - (SAM \text{ or } YPLL)_{whites}$; relative disparity = $\{[(SAM \text{ or } YPLL)_{blacks} - (SAM \text{ or } YPLL)_{whites}] / (SAM \text{ or } YPLL)_{whites}\} \times 100$.

§§ Number of smoking-attributable deaths for groups other than blacks and whites could not be estimated because of small numbers; 99.5% of deaths occurred among blacks and whites.

**TABLE 1. Average annual smoking-attributable deaths among persons aged ≥35 years, by cause of death,* sex, and race† — SAMMEC, Missouri, 2003–2007§**

| | Smoking-attributable deaths | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Among all Missouri residents | | | White | | | Black | | |
| Cause of death (ICD-10 code) | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| **Total** | **5,642** | **3,735** | **9,377** | **5,071** | **3,329** | **8,400** | **523** | **329** | **853** |
| Malignant neoplasm | 2,561 | 1,374 | 3,935 | 2,291 | 1,206 | 3,497 | 253 | 134 | 387 |
| Trachea, lung, bronchus (C33–C34) | 1,984 | 1,165 | 3,149 | 1,784 | 1,031 | 2,815 | 186 | 110 | 297 |
| Circulatory diseases | 1,780 | 1,147 | 2,927 | 1,554 | 982 | 2,536 | 200 | 136 | 336 |
| Ischemic heart disease (I20–I25) | 1,138 | 670 | 1,808 | 1,002 | 577 | 1,579 | 119 | 77 | 197 |
| Respiratory diseases | 1,301 | 1,214 | 2,515 | 1,227 | 1,141 | 2,367 | 70 | 58 | 128 |
| Chronic airway obstruction (J44) | 1,013 | 987 | 2,000 | 958 | 932 | 1,890 | 51 | 45 | 96 |

**Abbreviation:** SAMMEC = Smoking-Attributable Mortality, Morbidity, and Economic Costs system.

* Based on *International Classification of Diseases, 10th Revision* coding, including the following: *malignant neoplasms:* lip, oral cavity, pharynx (C00–C14), esophagus (C15), stomach (C16), pancreas (C25), larynx (C32), trachea, lung, bronchus (C33–C34), cervix uteri (C53), kidney and renal pelvis (C64–C65), urinary bladder (C67), and acute myeloid leukemia (C92.0); *circulatory diseases:* ischemic heart disease (I20–I25), other heart disease (I00–I09, I26–I51), cerebrovascular disease (I00–I69), atherosclerosis (I70–I71), aortic aneurysm (I71), and other arterial disease (I72–I78); *respiratory diseases:* pneumonia, influenza (J10–J18), bronchitis, emphysema (J40–J42, J43), and chronic airway obstruction (J44).

† The two races, black and white, constitute >96% of the population of Missouri. Number of smoking-attributable deaths for groups other than blacks and whites could not be estimated because of small numbers; 99.5% of deaths occurred among blacks and whites.

§ Based on 5-year annual average for 2003–2007. Does not include smoking-related fire deaths or secondhand smoke deaths.

**TABLE 2. Average annual SAM rates among persons aged ≥35 years, by cause of death,* sex, and race,† and racial disparity indexes — SAMMEC, Missouri, 2003–2007§**

| | SAM rates (per 100,000 population) | | | | | | | | | Racial disparity index¶ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All Missouri residents | | | White | | | Black | | | Absolute disparity | | | Relative disparity (%) | | |
| Cause of death (ICD-10 code) | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| **Total (per 100,000 population)** | **421** | **196** | **289** | **417** | **193** | **286** | **536** | **215** | **338** | **119** | **22** | **52** | **(28)** | **(11)** | **(18)** |
| Malignant neoplasm | 186 | 76 | 123 | 183 | 75 | 121 | 253 | 89 | 153 | 70 | 14 | 32 | (38) | (19) | (26) |
| Trachea, lung, bronchus (C33–C34) | 144 | 65 | 99 | 143 | 64 | 98 | 186 | 73 | 117 | 43 | 9 | 20 | (30) | (15) | (20) |
| Circulatory diseases | 133 | 57 | 89 | 128 | 54 | 85 | 200 | 87 | 130 | 72 | 33 | 45 | (56) | (61) | (53) |
| Ischemic heart disease (I20–I25) | 83 | 34 | 55 | 81 | 32 | 53 | 118 | 50 | 76 | 37 | 18 | 23 | (45) | (56) | (44) |
| Respiratory diseases | 102 | 63 | 78 | 105 | 65 | 80 | 82 | 40 | 54 | -23 | -25 | -26 | (-22) | (-39) | (-32) |
| Chronic airway obstruction (J44) | 79 | 51 | 62 | 82 | 53 | 64 | 60 | 30 | 41 | -22 | -23 | -23 | (-27) | (-43) | (-36) |

**Abbreviations:** SAM = smoking-attributable mortality; SAMMEC = Smoking-Attributable Mortality, Morbidity, and Economic Costs system; YPLL = years of potential life lost.

* Based on *International Classification of Diseases, 10th Revision* coding, including the following: *malignant neoplasms:* lip, oral cavity, pharynx (C00–C14), esophagus (C15), stomach (C16), pancreas (C25), larynx (C32), trachea, lung, bronchus (C33–C34), cervix uteri (C53), kidney and renal pelvis (C64–C65), urinary bladder (C67), and acute myeloid leukemia (C92.0); *circulatory diseases:* ischemic heart disease (I20–I25), other heart disease (I00–I09, I26–I51), cerebrovascular disease (I00–I69), atherosclerosis (I70–I71), aortic aneurysm (I71), and other arterial disease (I72–I78); *respiratory diseases:* pneumonia, influenza (J10–J18), bronchitis, emphysema (J40–J42, J43), and chronic airway obstruction (J44).

† The two races, black and white, constitute >96% of the population of Missouri. Number of smoking-attributable deaths for groups other than blacks and whites could not be estimated because of small numbers; 99.5% of deaths occurred among blacks and whites.

§ Based on 5-year annual average for 2003–2007. Does not include smoking-related fire deaths or secondhand smoke deaths.

¶ Absolute disparity = $(\text{SAM or YPLL})_{\text{blacks}} - (\text{SAM or YPLL})_{\text{whites}}$; relative disparity = $\{[(\text{SAM or YPLL})_{\text{blacks}} - (\text{SAM or YPLL})_{\text{whites}}] / (\text{SAM or YPLL})_{\text{whites}}\} \times 100$. The difference in the SAM/YPLL rates of blacks and whites is statistically significant by t-test ($p \leq 0.05$) for the three categories and major diseases.

(Table 1). An estimated 18.1% of deaths among persons aged ≥35 years in Missouri were the result of cigarette smoking (total number of deaths for this age group was 51,856). Smoking caused 32.1% of all deaths from cancer, 15.3% of all circulatory deaths, and 46.5% of all respiratory deaths in Missouri during this period (*4*). In the cancer category, the major cause of death was cancer of the trachea, lung, or bronchus; in the circulatory category, the major cause was ischemic heart disease; and in the respiratory disease category, the major cause was chronic airway obstruction (Table 1). For both blacks and whites in Missouri, regardless of sex, the leading cause of SAM was cancer, followed by circulatory and respiratory diseases.

Although SAM for blacks represented only 9.1% of the total SAM, the SAM rate for blacks in Missouri was 18% higher than for whites (Table 2). This disparity

**TABLE 3. Average annual smoking-attributable YPLL among persons aged ≥35 years, by cause of death,* sex, and race,† and racial disparity indexes — SAMMEC, Missouri, 2003–2007§**

| | Smoking-attributable YPLL rates (per 100,000 population) | | | | | | | | | Racial disparity index¶ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All Missouri residents | | | White | | | Black | | | Absolute disparity | | | Relative disparity (%) | | |
| Cause of death (ICD-10 code) | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| **Total (per 100,000 population)** | **5,741** | **3,147** | **4,301** | **5,720** | **3,136** | **4,292** | **7,165** | **3,601** | **5,048** | **1,445** | **465** | **756** | **(25)** | **(15)** | **(18)** |
| Malignant neoplasm | 2,676 | 1,366 | 1,952 | 2,664 | 1,354 | 1,944 | 3,461 | 1,519 | 2,313 | 796 | 165 | 369 | (30) | (12) | (19) |
| Trachea, lung, bronchus (C33–C34) | 2,054 | 1,170 | 1,563 | 2,056 | 1,169 | 1,565 | 2,534 | 1,264 | 1,782 | 478 | 95 | 216 | (23) | (8) | (14) |
| Circulatory diseases | 1,952 | 925 | 1,393 | 1,887 | 870 | 1,336 | 2,820 | 1,527 | 2,058 | 934 | 656 | 723 | (49) | (75) | (54) |
| Ischemic heart disease (I20–I25) | 1,310 | 538 | 896 | 1,288 | 518 | 877 | 1,690 | 812 | 1,181 | 402 | 294 | 304 | (31) | (57) | (35) |
| Respiratory diseases | 1,113 | 856 | 957 | 1,169 | 912 | 1,013 | 884 | 555 | 677 | -285 | -357 | -336 | (-24) | (-39) | (-33) |
| Chronic airway obstruction (J44) | 864 | 704 | 765 | 910 | 756 | 814 | 640 | 428 | 506 | -270 | -328 | -308 | (-30) | (-43) | (-38) |

**Abbreviations:** SAM = smoking-attributable mortality; SAMMEC = Smoking-Attributable Mortality, Morbidity, and Economic Costs system; YPLL = years of potential life lost.

* Based on *International Classification of Diseases, 10th Revision* coding, including the following: *malignant neoplasms:* lip, oral cavity, pharynx (C00–C14), esophagus (C15), stomach (C16), pancreas (C25), larynx (C32), trachea, lung, bronchus (C33–C34), cervix uteri (C53), kidney and renal pelvis (C64–C65), urinary bladder (C67), and acute myeloid leukemia (C92.0); *circulatory diseases:* ischemic heart disease (I20–I25), other heart disease (I00–I09, I26–I51), cerebrovascular disease (I00–I69), atherosclerosis (I70–I71), aortic aneurysm (I71), and other arterial disease (I72–I78); *respiratory diseases:* pneumonia, influenza (J10–J18), bronchitis, emphysema (J40–J42, J43), and chronic airway obstruction (J44).

† The two races, black and white, constitute >96% of the population of Missouri. Number of smoking-attributable deaths for groups other than blacks and whites could not be estimated because of small numbers; 99.5% of deaths occurred among blacks and whites.

§ Based on 5-year annual average for 2003–2007. Does not include smoking-related fire deaths or secondhand smoke deaths.

¶ Absolute disparity = $(\text{SAM or YPLL})_{\text{blacks}} - (\text{SAM or YPLL})_{\text{whites}}$; relative disparity = $\{[(\text{SAM or YPLL})_{\text{blacks}} - (\text{SAM or YPLL})_{\text{whites}}] / (\text{SAM or YPLL})_{\text{whites}}\} \times 100$. The difference in the SAM/YPLL rates of blacks and whites is statistically significant by t-test ($p \leq 0.05$) for the three categories and major diseases.

was larger (28%) for black men than for black women (11%). SAM rates for blacks were 26% higher than for whites for malignant neoplasm and 53% higher for circulatory diseases but 32% lower for respiratory diseases.

The smoking-attributable YPLL rate for blacks also was 18% higher than for whites and differed most for men. Black men had a YPLL rate 25% higher than white men, and the rate for black women was 15% higher than for white women (Table 3). Similar to the SAM results, the YPLL rates for the three major disease categories showed that the YPLL rates for blacks were higher than for whites for malignant neoplasm and circulatory diseases but lower for respiratory diseases. The YPLL rate resulting from smoking-related cancer deaths for blacks was 19% higher than for whites, but 26% higher for the SAM rate. For circulatory deaths, the YPLL rate for blacks was 54% higher, similar to the disparity in the SAM rate (53%). For respiratory diseases, the YPLL rate for blacks was 33% lower than for whites, and similarly, 32% lower for the SAM rate. For specific diseases, blacks had a 14% higher YPLL rate for lung cancer, 35% higher rate for ischemic heart disease, and 38% lower rate for chronic airway obstruction than whites.

## Reported by

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## Editorial Note

This is the first study to provide data on racial disparities in SAM and YPLL using SAMMEC. These data are valuable for Missouri's tobacco control program for documenting and evaluating changes in tobacco-related racial disparities in the state. Additional studies are needed to explain why Missouri blacks are more likely to die from smoking-related cancers and circulatory diseases than whites, but less likely to die from smoking-related respiratory diseases.

Variations in smoking-related mortality exist across states and occur because of differences in population demographics and tobacco use. Differences in other tobacco-use–related behaviors, variations in tobacco control programs and policies, and tobacco industry marketing also exist (*5*). Racial and ethnic disparities in smoking-related morbidity and mortality also are associated with socioeconomic status, cigarette smoking patterns, and differences in biologic and genetic factors; for example, smoking initiation and

cessation rates vary by race, as does nicotine metabolism and disease outcomes among cigarette smokers (*6*). Significant racial disparities in SAM existed in Missouri during 2003–2007, with an average of 52 per 100,000 more black adults dying each year from cigarette smoking than white adults, reflecting an 18% higher SAM rate among blacks than whites. Smoking-attributable YPLL also were 18% higher among blacks than whites.

SAM during 2003–2007 reflects smoking patterns of the past 40 years. Although the smoking prevalence among blacks and whites in Missouri fluctuated during the past 2 decades, blacks tended to have a higher smoking prevalence than whites. The amount and duration of smoking and brands or types of cigarettes used also could contribute to disparities (*7,8*). However, data on these types of smoking patterns were not captured in Missouri's tobacco use surveillance systems. More research is needed to explore the causes of these disparities.

Smoking prevalence declined by 26.3% among white adults and 25.8% among black adults in Missouri during 1995–2009. In 2009, the smoking prevalence was 27.1% among black adults and was 22.1% among white adults. Among youths, smoking prevalence in Missouri declined during 1995–2009, to 19.4% in whites and 15.7% in blacks.¶¶ During the entire period, smoking prevalence among black young adults (aged 18–24 years) remained lower than for white young adults, but the prevalence of smoking among persons aged 35–44 years of either race was similar. The late initiation of tobacco use among black youths and black young adults suggests that the current racial disparities in smoking-associated morbidity and mortality in Missouri might change in the future; continued surveillance of youth and young adult smoking is needed because of this later initiation of smoking among blacks. Continued implementation of effective population-based tobacco control interventions that discourage initiation and increase cessation among youths and adults also is needed to prevent smoking-related morbidity and mortality in the next several decades (*3,8*).

In 2006, the Missouri Comprehensive Tobacco Use Prevention Program identified disparities in tobacco use, and the state disparities work group created a strategic plan for addressing the identified disparities. The plan was incorporated into Missouri's 2006–2009 and 2010–2014 comprehensive tobacco control plans. The Missouri Comprehensive Tobacco Control Program supports the Missouri Tobacco Quitline to help smokers (especially low-income smokers) quit smoking, and hosts a website that can assist public health agencies in developing interventions to reduce the health impact of and disparities in tobacco use.*** The quitline will continue to play a role in reducing racial disparities in smoking and smoking-related morbidity and mortality in Missouri. An analysis of 2005–2009 Missouri quitline data showed that slightly higher percentages of black smokers than white smokers were calling the quitline; black smokers comprised 12.6% of all smokers, but the quitline received 14.0% of all calls from black smokers.

The findings of this report are subject to at least four limitations. First, SAMMEC uses estimates of current year's smoking to estimate SAM; however, current prevalence estimates do not adequately reflect smoking patterns in past decades when the smoking prevalence was higher. These estimates also do not account for deaths associated with cigar and pipe smoking, the use of smokeless tobacco, secondhand smoke, smoking-related fires, and deaths among persons aged <35 years. Second, SAM rates for groups

**What is already known on this topic?**

Although disparities in smoking prevalence among blacks and whites are well documented, no study has shown differences in health outcomes in terms of smoking-attributable mortality (SAM).

**What is added by this report?**

Using 2003–2007 Missouri data and attributable risk calculations, this study identified significant racial disparities in SAM, with an average of 52 per 100,000 more black adults dying each year from cigarette smoking than white adults, reflecting an 18% larger SAM rate among blacks than whites.

**What are the implications for public health practice?**

States should continue to implement population-wide tobacco control interventions (e.g., quitlines, smoke-free policies, and increased excise taxes on tobacco products) that reach all racial groups, and implement targeted strategies for high-risk groups to decrease disparities in tobacco use and related mortality.

¶¶ Available at http://apps.nccd.cdc.gov/youthonline/app/questionsorlocations.aspx?categoryid=2.

*** Available at http://www.dhss.mo.gov/CHIR.

other than blacks and whites in Missouri could not be estimated accurately because of the small numbers of deaths; however, 99.5% of deaths from the 19 disease categories considered in this report were among blacks and whites. Third, the same relative risks for dying from a particular disease among the 19 disease categories attributable to smoking for current and former smokers were used for blacks and for whites, although relative risk might be different between blacks and whites. Preferences for types and brands of cigarettes as well as smoking intensity and duration differ between white and blacks and might result in differing relative risks. Finally, relative risk was adjusted for the effects of age but not for other potential confounders. However, research suggests that education, alcohol use, and other confounders had negligible additional effects on SAM estimates for lung cancer, chronic obstructive pulmonary disease, ischemic heart disease, and cerebrovascular disease (*9*).

Effective population-wide interventions (e.g., increasing the price of tobacco products through excise tax and implementing smoke-free policies) appear to reach all segments of the population; however, targeted strategies might still be needed for certain high-risk groups (e.g., persons with lower socioeconomic status or educational attainment) to reduce disparities (*3,10*). Race-specific SAM measures and race-specific trends in youth and adult smoking prevalence can be used to document and assess progress in eliminating tobacco-related disparities within a state.

## References


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# Announcement

## 2009 Chronic Disease Epidemiology Capacity: Findings and Recommendations Available Online

The Council of State and Territorial Epidemiologists (CSTE) has released a new report on state-based chronic disease epidemiology capacity in the United States. The report, *Chronic Disease Epidemiology Capacity: Findings and Recommendations*, an update from the 2004 report (*1*), provides findings from the 2009 CSTE national assessment (*2*) and recommendations for improving capacity.

The report notes that 53% of jurisdictions (all 50 states and the District of Columbia) reported at least substantial chronic disease epidemiology capacity in 2009 and more quality-level work is being conducted than in previous years. However, nearly half of the jurisdictions lack substantial capacity, and the percentage of jurisdictions with little or no chronic disease epidemiology capacity increased progressively during 2001–2009. A major recommendation is that improving capacity in jurisdictions with little or no chronic disease epidemiology capacity should be a priority.

The report is available online at http://www.cste.org/2009chroniceca.pdf. Additional information or printed copies are available from CSTE by e-mail (jlemmings@cste.org) or telephone (770-458-3811).

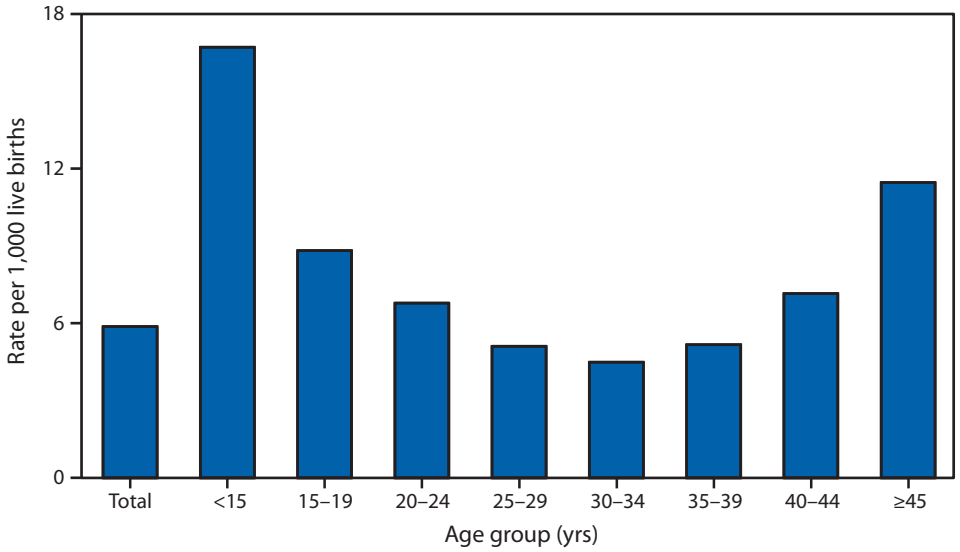
### References

1. Council of State and Territorial Epidemiologists. National assessment of epidemiologic capacity in chronic disease: findings and recommendations. Atlanta, GA: Council of State and Territorial Epidemiologists; 2004. Available at http://www.cste.org/dnn/LinkClick.aspx?fileticket=A%2flteXZ47NY%3d&tabid=175&mid=716. Accessed November 15, 2010.
2. CDC. Assessment of epidemiology capacity in state health departments—United States, 2009. MMWR 2009;58:1373–7.

# QuickStats

FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

## Infant Mortality Rates* for Single Births, by Age Group of Mother — United States, 2006




* Per 1,000 live births.

In 2006, infant mortality rates were highest for mothers in the youngest and oldest age groups. The infant mortality rate for single births to mothers aged <15 years was 16.7 infant deaths per 1,000 live births, approximately three times the rates for mothers aged 25–29 years (5.1), 30–34 years (4.5), and 35–39 years (5.2), the age groups at lowest risk. The infant mortality rate for single births to mothers aged ≥45 years was 11.46, approximately twice the rate for mothers in the three age groups at lowest risk.

**Sources:** National Center for Health Statistics. Linked birth/infant death data set, 2006. Available at http://www.cdc.gov/nchs/linked.htm.

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# Notifiable Diseases and Mortality Tables

**TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending November 20, 2010 (46th week)***

| Disease | Current week | Cum 2010 | 5-year weekly average† | Total cases reported for previous years 2009 | 2008 | 2007 | 2006 | 2005 | States reporting cases during current week (No.) |
|---|---|---|---|---|---|---|---|---|---|
| Anthrax | — | — | — | 1 | — | 1 | 1 | — | |
| Botulism, total | 3 | 87 | 3 | 118 | 145 | 144 | 165 | 135 | |
| foodborne | — | 6 | 1 | 10 | 17 | 32 | 20 | 19 | |
| infant | 3 | 61 | 2 | 83 | 109 | 85 | 97 | 85 | PA (2), WA (1) |
| other (wound and unspecified) | — | 20 | 1 | 25 | 19 | 27 | 48 | 31 | |
| Brucellosis | 1 | 111 | 2 | 115 | 80 | 131 | 121 | 120 | CA (1) |
| Chancroid | 1 | 35 | 1 | 28 | 25 | 23 | 33 | 17 | NY (1) |
| Cholera | — | 5 | 0 | 10 | 5 | 7 | 9 | 8 | |
| Cyclosporiasis§ | 1 | 163 | 1 | 141 | 139 | 93 | 137 | 543 | FL (1) |
| Diphtheria | — | — | — | — | — | — | — | — | |
| Domestic arboviral diseases§,¶: | | | | | | | | | |
| California serogroup virus disease | — | 63 | 0 | 55 | 62 | 55 | 67 | 80 | |
| Eastern equine encephalitis virus disease | — | 10 | — | 4 | 4 | 4 | 8 | 21 | |
| Powassan virus disease | — | 5 | 0 | 6 | 2 | 7 | 1 | 1 | |
| St. Louis encephalitis virus disease | — | 7 | 0 | 12 | 13 | 9 | 10 | 13 | |
| Western equine encephalitis virus disease | — | — | — | — | — | — | — | — | |
| *Haemophilus influenzae*,** invasive disease (age <5 yrs): | | | | | | | | | |
| serotype b | — | 14 | 0 | 35 | 30 | 22 | 29 | 9 | |
| nonserotype b | — | 132 | 3 | 236 | 244 | 199 | 175 | 135 | |
| unknown serotype | 8 | 226 | 3 | 178 | 163 | 180 | 179 | 217 | NY (2), PA (1), OH (1), NC (1), GA (1), ID (1), CA (1) |
| Hansen disease§ | 1 | 56 | 2 | 103 | 80 | 101 | 66 | 87 | AR (1) |
| Hantavirus pulmonary syndrome§ | — | 17 | 0 | 20 | 18 | 32 | 40 | 26 | |
| Hemolytic uremic syndrome, postdiarrheal§ | 4 | 203 | 4 | 242 | 330 | 292 | 288 | 221 | NY (2), MD (1), OK (1) |
| HIV infection, pediatric (age <13 yrs)†† | — | — | 2 | — | — | — | — | 380 | |
| Influenza-associated pediatric mortality§,§§ | — | 58 | 5 | 358 | 90 | 77 | 43 | 45 | |
| Listeriosis | 6 | 683 | 15 | 851 | 759 | 808 | 884 | 896 | PA (1), OH (2), FL (1), CA (2) |
| Measles¶¶ | — | 56 | 0 | 71 | 140 | 43 | 55 | 66 | |
| Meningococcal disease, invasive***: | | | | | | | | | |
| A, C, Y, and W-135 | 4 | 211 | 5 | 301 | 330 | 325 | 318 | 297 | NC (1), TX (3) |
| serogroup B | — | 95 | 3 | 174 | 188 | 167 | 193 | 156 | |
| other serogroup | — | 8 | 0 | 23 | 38 | 35 | 32 | 27 | |
| unknown serogroup | 8 | 352 | 10 | 482 | 616 | 550 | 651 | 765 | ME (1), OH (2), FL (1), CO (1), CA (3) |
| Mumps | 6 | 2,469 | 30 | 1,991 | 454 | 800 | 6,584 | 314 | OH (2), MI (1), TX (2), CA (1) |
| Novel influenza A virus infections††† | 1 | 3 | 0 | 43,774 | 2 | 4 | NN | NN | WI (1) |
| Plague | — | 2 | 0 | 8 | 3 | 7 | 17 | 8 | |
| Poliomyelitis, paralytic | — | — | — | 1 | — | — | — | 1 | |
| Polio virus Infection, nonparalytic§ | — | — | — | — | — | — | NN | NN | |
| Psittacosis§ | — | 4 | 0 | 9 | 8 | 12 | 21 | 16 | |
| Q fever, total§,§§§ | 2 | 104 | 2 | 114 | 120 | 171 | 169 | 136 | |
| acute | 2 | 80 | 1 | 94 | 106 | — | — | — | NY (1), CA (1) |
| chronic | — | 24 | 0 | 20 | 14 | — | — | — | |
| Rabies, human | — | 1 | 0 | 4 | 2 | 1 | 3 | 2 | |
| Rubella¶¶¶ | — | 6 | 0 | 3 | 16 | 12 | 11 | 11 | |
| Rubella, congenital syndrome | — | — | — | 2 | — | — | 1 | 1 | |
| SARS-CoV§,**** | — | — | — | — | — | — | — | — | |
| Smallpox§ | — | — | — | — | — | — | — | — | |
| Streptococcal toxic-shock syndrome§ | — | 143 | 1 | 161 | 157 | 132 | 125 | 129 | |
| Syphilis, congenital (age <1 yr)†††† | — | 189 | 7 | 423 | 431 | 430 | 349 | 329 | |
| Tetanus | — | 7 | 0 | 18 | 19 | 28 | 41 | 27 | |
| Toxic-shock syndrome (staphylococcal)§ | 1 | 68 | 1 | 74 | 71 | 92 | 101 | 90 | OH (1) |
| Trichinellosis | — | 4 | 0 | 13 | 39 | 5 | 15 | 16 | |
| Tularemia | — | 99 | 1 | 93 | 123 | 137 | 95 | 154 | |
| Typhoid fever | 5 | 369 | 4 | 397 | 449 | 434 | 353 | 324 | TX (1), CA (4) |
| Vancomycin-intermediate *Staphylococcus aureus*§ | 3 | 81 | 1 | 78 | 63 | 37 | 6 | 2 | NY (1), FL (2) |
| Vancomycin-resistant *Staphylococcus aureus*§ | — | 1 | — | 1 | — | 2 | 1 | 3 | |
| Vibriosis (noncholera *Vibrio* species infections)§ | 6 | 697 | 7 | 789 | 588 | 549 | NN | NN | MD (1), FL (4), AZ (1) |
| Viral hemorrhagic fever§§§§ | — | 1 | — | NN | NN | NN | NN | NN | |
| Yellow fever | — | — | — | — | — | — | — | — | |

See Table I footnotes on next page.

**TABLE I. (*Continued*) Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending November 20, 2010 (46th week)***

—: No reported cases. N: Not reportable. NN: Not Nationally Notifiable Cum: Cumulative year-to-date counts.

* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf.

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

§ Not reportable in all states. Data from states where the condition is not reportable are excluded from this table except starting in 2007 for the domestic arboviral diseases, STD data, TB data, and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/ncphi/disss/nndss/phs/infdis.htm.

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

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

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

§§ Updated weekly from reports to the Influenza Division, National Center for Immunization and Respiratory Diseases. Since October 3, 2010, one influenza-associated pediatric death occurred during the 2010–11 influenza season. Since August 30, 2009, a total of 282 influenza-associated pediatric deaths occurring during the 2009–10 influenza season have been reported.

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

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

††† CDC discontinued reporting of individual confirmed and probable cases of 2009 pandemic influenza A (H1N1) virus infections on July 24, 2009. During 2009, four cases of human infection with novel influenza A viruses, different from the 2009 pandemic influenza A (H1N1) strain, were reported to CDC. The three cases of novel influenza A virus infection reported to CDC during 2010 were identified as swine influenza A (H3N2) virus and are unrelated to the 2009 pandemic influenza A (H1N1) virus. Total case counts for 2009 were provided by the Influenza Division, National Center for Immunization and Respiratory Diseases (NCIRD).

§§§ In 2009, Q fever acute and chronic reporting categories were recognized as a result of revisions to the Q fever case definition. Prior to that time, case counts were not differentiated with respect to acute and chronic Q fever cases.

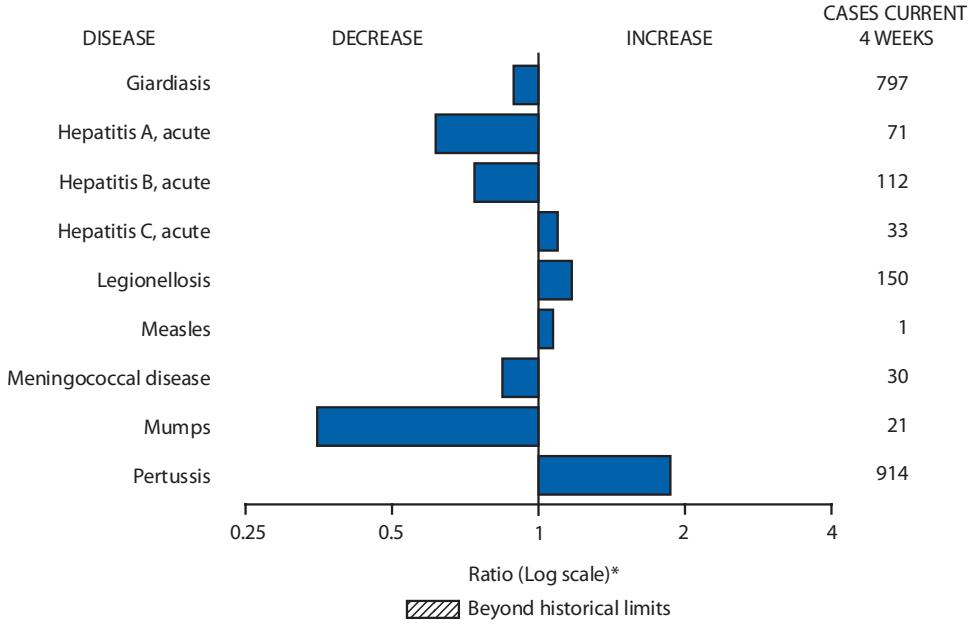
¶¶¶ No rubella cases were reported for the current week.

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

†††† Updated weekly from reports to the Division of STD Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention.

§§§§ There was one case of viral hemorrhagic fever reported during week 12. The one case report was confirmed as lassa fever. See Table II for dengue hemorrhagic fever.

**FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals November 20, 2010, with historical data**




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

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

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Deborah A. Adams
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Michael S. Wodajo
Rosaline Dhara
Pearl C. Sharp
Lenee Blanton

**TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | *Chlamydia trachomatis* infection | | | | | Cryptosporidiosis | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | |
| **United States** | 9,338 | 23,719 | 26,215 | 1,056,024 | 1,110,577 | 57 | 121 | 339 | 6,903 | 6,712 |
| **New England** | 547 | 759 | 1,396 | 35,306 | 35,754 | 1 | 7 | 74 | 418 | 423 |
| Connecticut | — | 216 | 736 | 8,917 | 10,328 | — | 0 | 68 | 68 | 38 |
| Maine† | — | 50 | 69 | 1,996 | 2,165 | — | 1 | 7 | 74 | 46 |
| Massachusetts | 445 | 398 | 698 | 18,115 | 16,980 | 1 | 3 | 8 | 148 | 166 |
| New Hampshire | 40 | 42 | 114 | 2,167 | 1,906 | — | 1 | 5 | 49 | 76 |
| Rhode Island† | 62 | 64 | 120 | 3,031 | 3,302 | — | 0 | 2 | 13 | 22 |
| Vermont† | — | 23 | 51 | 1,080 | 1,073 | — | 1 | 5 | 66 | 75 |
| **Mid. Atlantic** | 1,661 | 3,347 | 4,893 | 149,983 | 140,595 | 5 | 14 | 37 | 725 | 746 |
| New Jersey | — | 480 | 691 | 21,905 | 21,789 | — | 0 | 1 | — | 49 |
| New York (Upstate) | 1,025 | 688 | 2,530 | 31,023 | 27,986 | 3 | 3 | 16 | 195 | 195 |
| New York City | — | 1,210 | 2,739 | 54,775 | 52,276 | — | 2 | 5 | 86 | 74 |
| Pennsylvania | 636 | 917 | 1,092 | 42,280 | 38,544 | 2 | 8 | 26 | 444 | 428 |
| **E.N. Central** | 885 | 3,468 | 4,127 | 153,494 | 178,130 | 10 | 30 | 122 | 1,865 | 1,578 |
| Illinois | — | 801 | 1,225 | 32,104 | 54,671 | — | 4 | 21 | 265 | 145 |
| Indiana | — | 364 | 796 | 16,615 | 19,872 | — | 3 | 10 | 140 | 261 |
| Michigan | 594 | 913 | 1,419 | 42,863 | 41,154 | — | 5 | 18 | 298 | 260 |
| Ohio | 154 | 972 | 1,085 | 43,101 | 43,606 | 7 | 7 | 24 | 423 | 349 |
| Wisconsin | 137 | 424 | 511 | 18,811 | 18,827 | 3 | 9 | 55 | 739 | 563 |
| **W.N. Central** | 442 | 1,348 | 1,565 | 59,810 | 63,275 | 4 | 21 | 83 | 1,221 | 1,025 |
| Iowa | — | 191 | 269 | 8,703 | 8,559 | — | 4 | 24 | 315 | 192 |
| Kansas | 46 | 189 | 235 | 8,498 | 9,583 | — | 2 | 9 | 123 | 96 |
| Minnesota | — | 278 | 331 | 11,424 | 12,906 | — | 0 | 16 | 98 | 314 |
| Missouri | 396 | 504 | 603 | 23,013 | 23,189 | 2 | 4 | 30 | 351 | 175 |
| Nebraska† | — | 93 | 237 | 4,037 | 4,767 | 2 | 2 | 26 | 219 | 111 |
| North Dakota | — | 31 | 89 | 1,436 | 1,601 | — | 0 | 18 | 30 | 12 |
| South Dakota | — | 61 | 77 | 2,699 | 2,670 | — | 2 | 6 | 85 | 125 |
| **S. Atlantic** | 1,901 | 4,695 | 5,681 | 211,487 | 224,882 | 14 | 18 | 51 | 912 | 1,039 |
| Delaware | 73 | 84 | 220 | 3,893 | 4,203 | — | 0 | 2 | 7 | 9 |
| District of Columbia | 60 | 96 | 177 | 4,320 | 6,068 | — | 0 | 1 | 3 | 6 |
| Florida | 576 | 1,460 | 1,737 | 66,289 | 65,791 | 5 | 7 | 19 | 338 | 415 |
| Georgia | 246 | 582 | 1,229 | 25,784 | 36,141 | 4 | 5 | 31 | 274 | 317 |
| Maryland† | 345 | 460 | 1,031 | 20,573 | 20,102 | — | 1 | 3 | 33 | 39 |
| North Carolina | — | 765 | 1,562 | 35,595 | 37,058 | 4 | 0 | 12 | 73 | 106 |
| South Carolina† | — | 529 | 763 | 24,027 | 24,165 | — | 1 | 8 | 81 | 56 |
| Virginia† | 601 | 596 | 902 | 27,671 | 28,070 | 1 | 2 | 8 | 87 | 75 |
| West Virginia | — | 72 | 112 | 3,335 | 3,284 | — | 0 | 3 | 16 | 16 |
| **E.S. Central** | 219 | 1,718 | 2,415 | 77,151 | 84,229 | 1 | 4 | 19 | 295 | 211 |
| Alabama† | — | 491 | 757 | 22,345 | 23,752 | — | 2 | 12 | 142 | 61 |
| Kentucky | — | 269 | 614 | 12,749 | 12,149 | 1 | 1 | 6 | 79 | 61 |
| Mississippi | — | 377 | 780 | 16,742 | 21,453 | — | 0 | 3 | 22 | 17 |
| Tennessee† | 219 | 574 | 738 | 25,315 | 26,875 | — | 1 | 5 | 52 | 72 |
| **W.S. Central** | 591 | 3,003 | 4,578 | 138,336 | 144,441 | 2 | 8 | 39 | 400 | 515 |
| Arkansas† | 170 | 267 | 392 | 10,851 | 12,959 | — | 0 | 3 | 31 | 51 |
| Louisiana | — | 245 | 1,077 | 12,856 | 24,754 | — | 1 | 6 | 59 | 53 |
| Oklahoma | 421 | 261 | 1,374 | 13,493 | 12,771 | 2 | 1 | 8 | 78 | 115 |
| Texas† | — | 2,205 | 3,194 | 101,136 | 93,957 | — | 5 | 30 | 232 | 296 |
| **Mountain** | 603 | 1,440 | 1,904 | 65,157 | 71,365 | 2 | 10 | 29 | 503 | 519 |
| Arizona | 312 | 498 | 713 | 21,566 | 23,122 | — | 0 | 3 | 33 | 33 |
| Colorado | — | 356 | 560 | 15,087 | 17,747 | 2 | 2 | 8 | 128 | 131 |
| Idaho† | — | 69 | 200 | 3,396 | 3,402 | — | 2 | 7 | 87 | 83 |
| Montana† | — | 60 | 82 | 2,670 | 2,699 | — | 1 | 4 | 46 | 52 |
| Nevada† | 22 | 175 | 337 | 8,247 | 8,915 | — | 0 | 6 | 31 | 25 |
| New Mexico† | 219 | 152 | 453 | 6,979 | 8,220 | — | 2 | 11 | 104 | 138 |
| Utah | 20 | 121 | 176 | 5,477 | 5,500 | — | 1 | 5 | 58 | 37 |
| Wyoming† | 30 | 36 | 79 | 1,735 | 1,760 | — | 0 | 2 | 16 | 20 |
| **Pacific** | 2,489 | 3,677 | 5,350 | 165,300 | 167,906 | 18 | 11 | 28 | 564 | 656 |
| Alaska | 17 | 113 | 148 | 5,081 | 4,643 | — | 0 | 1 | 4 | 6 |
| California | 1,982 | 2,784 | 4,406 | 126,887 | 128,554 | 17 | 7 | 19 | 333 | 393 |
| Hawaii | — | 112 | 158 | 5,099 | 5,465 | — | 0 | 0 | — | 1 |
| Oregon | 156 | 209 | 468 | 9,794 | 9,952 | — | 3 | 13 | 156 | 176 |
| Washington | 334 | 399 | 500 | 18,439 | 19,292 | 1 | 1 | 8 | 71 | 80 |
| **Territories** | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | N | 0 | 0 | N | N |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 6 | 31 | 259 | 327 | — | 0 | 0 | — | — |
| Puerto Rico | 104 | 92 | 265 | 4,888 | 6,654 | N | 0 | 0 | N | N |
| U.S. Virgin Islands | — | 10 | 29 | 323 | 460 | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Dengue Virus Infection | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Dengue Fever† | | | | | Dengue Hemorrhagic Fever§ | | | | |
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | |
| **United States** | — | 5 | 30 | 394 | NN | — | 0 | 1 | 4 | NN |
| **New England** | — | 0 | 2 | 6 | NN | — | 0 | 0 | — | NN |
| Connecticut | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Maine¶ | — | 0 | 2 | 5 | NN | — | 0 | 0 | — | NN |
| Massachusetts | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| New Hampshire | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Rhode Island¶ | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Vermont¶ | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| **Mid. Atlantic** | — | 1 | 9 | 78 | NN | — | 0 | 0 | — | NN |
| New Jersey | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| New York (Upstate) | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| New York City | — | 0 | 7 | 63 | NN | — | 0 | 0 | — | NN |
| Pennsylvania | — | 0 | 2 | 15 | NN | — | 0 | 0 | — | NN |
| **E.N. Central** | — | 0 | 5 | 40 | NN | — | 0 | 1 | 1 | NN |
| Illinois | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Indiana | — | 0 | 2 | 11 | NN | — | 0 | 0 | — | NN |
| Michigan | — | 0 | 2 | 9 | NN | — | 0 | 0 | — | NN |
| Ohio | — | 0 | 2 | 15 | NN | — | 0 | 0 | — | NN |
| Wisconsin | — | 0 | 2 | 5 | NN | — | 0 | 1 | 1 | NN |
| **W.N. Central** | — | 0 | 2 | 17 | NN | — | 0 | 0 | — | NN |
| Iowa | — | 0 | 1 | 2 | NN | — | 0 | 0 | — | NN |
| Kansas | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| Minnesota | — | 0 | 2 | 13 | NN | — | 0 | 0 | — | NN |
| Missouri | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Nebraska¶ | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| North Dakota | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| South Dakota | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| **S. Atlantic** | — | 2 | 17 | 205 | NN | — | 0 | 1 | 2 | NN |
| Delaware | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| District of Columbia | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Florida | — | 2 | 14 | 166 | NN | — | 0 | 1 | 2 | NN |
| Georgia | — | 0 | 2 | 11 | NN | — | 0 | 0 | — | NN |
| Maryland¶ | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| North Carolina | — | 0 | 1 | 4 | NN | — | 0 | 0 | — | NN |
| South Carolina¶ | — | 0 | 3 | 10 | NN | — | 0 | 0 | — | NN |
| Virginia¶ | — | 0 | 3 | 12 | NN | — | 0 | 0 | — | NN |
| West Virginia | — | 0 | 1 | 2 | NN | — | 0 | 0 | — | NN |
| **E.S. Central** | — | 0 | 2 | 5 | NN | — | 0 | 0 | — | NN |
| Alabama¶ | — | 0 | 2 | 2 | NN | — | 0 | 0 | — | NN |
| Kentucky | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| Mississippi | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| Tennessee¶ | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| **W.S. Central** | — | 0 | 1 | 4 | NN | — | 0 | 1 | 1 | NN |
| Arkansas¶ | — | 0 | 0 | — | NN | — | 0 | 1 | 1 | NN |
| Louisiana | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Oklahoma | — | 0 | 1 | 4 | NN | — | 0 | 0 | — | NN |
| Texas¶ | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| **Mountain** | — | 0 | 2 | 16 | NN | — | 0 | 0 | — | NN |
| Arizona | — | 0 | 1 | 6 | NN | — | 0 | 0 | — | NN |
| Colorado | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Idaho¶ | — | 0 | 1 | 2 | NN | — | 0 | 0 | — | NN |
| Montana¶ | — | 0 | 1 | 3 | NN | — | 0 | 0 | — | NN |
| Nevada¶ | — | 0 | 1 | 4 | NN | — | 0 | 0 | — | NN |
| New Mexico¶ | — | 0 | 1 | 1 | NN | — | 0 | 0 | — | NN |
| Utah | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Wyoming¶ | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| **Pacific** | — | 0 | 5 | 23 | NN | — | 0 | 0 | — | NN |
| Alaska | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| California | — | 0 | 5 | 11 | NN | — | 0 | 0 | — | NN |
| Hawaii | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Oregon | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Washington | — | 0 | 2 | 12 | NN | — | 0 | 0 | — | NN |
| **Territories** | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| C.N.M.I. | — | — | — | — | NN | — | — | — | — | NN |
| Guam | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |
| Puerto Rico | — | 106 | 535 | 9,366 | NN | — | 0 | 3 | 33 | NN |
| U.S. Virgin Islands | — | 0 | 0 | — | NN | — | 0 | 0 | — | NN |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Dengue Fever includes cases that meet criteria for Dengue Fever with hemorrhage, other clinical, and unknown case classifications.
§ DHF includes cases that meet criteria for dengue shock syndrome (DSS), a more severe form of DHF.
¶ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Ehrlichiosis/Anaplasmosis† | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Ehrlichia chaffeensis* | | | | | *Anaplasma phagocytophilum* | | | | | Undetermined | | | | |
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 8 | 8 | 181 | 558 | 887 | 8 | 11 | 309 | 706 | 860 | 1 | 1 | 35 | 95 | 160 |
| **New England** | 1 | 0 | 2 | 5 | 52 | — | 1 | 8 | 79 | 251 | — | 0 | 2 | 7 | 2 |
| Connecticut | — | 0 | 0 | — | — | — | 0 | 5 | 23 | 17 | — | 0 | 2 | 5 | — |
| Maine§ | 1 | 0 | 1 | 3 | 5 | — | 0 | 2 | 16 | 14 | — | 0 | 0 | — | — |
| Massachusetts | — | 0 | 0 | — | 9 | — | 0 | 2 | — | 93 | — | 0 | 0 | — | — |
| New Hampshire | — | 0 | 1 | 2 | 4 | — | 0 | 3 | 16 | 18 | — | 0 | 1 | 2 | 1 |
| Rhode Island§ | — | 0 | 1 | — | 33 | — | 0 | 7 | 24 | 109 | — | 0 | 0 | — | 1 |
| Vermont§ | — | 0 | 0 | — | 1 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **Mid. Atlantic** | — | 1 | 15 | 48 | 184 | 5 | 2 | 17 | 188 | 296 | — | 0 | 2 | 4 | 44 |
| New Jersey | — | 0 | 2 | — | 98 | — | 0 | 1 | 1 | 70 | — | 0 | 0 | — | — |
| New York (Upstate) | — | 0 | 15 | 28 | 51 | 5 | 2 | 17 | 184 | 217 | — | 0 | 1 | 4 | 6 |
| New York City | — | 0 | 3 | 19 | 10 | — | 0 | 1 | 3 | 8 | — | 0 | 0 | — | 1 |
| Pennsylvania | — | 0 | 1 | 1 | 25 | — | 0 | 1 | — | 1 | — | 0 | 1 | — | 37 |
| **E.N. Central** | — | 0 | 4 | 32 | 83 | — | 3 | 39 | 347 | 269 | — | 1 | 7 | 61 | 71 |
| Illinois | — | 0 | 2 | 12 | 33 | — | 0 | 1 | 5 | 6 | — | 0 | 2 | 3 | 3 |
| Indiana | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 3 | 27 | 36 |
| Michigan | — | 0 | 1 | 2 | 5 | — | 0 | 0 | — | — | — | 0 | 1 | 4 | — |
| Ohio | — | 0 | 3 | 6 | 13 | — | 0 | 1 | 2 | 1 | — | 0 | 0 | — | 2 |
| Wisconsin | — | 0 | 1 | 12 | 32 | — | 3 | 39 | 340 | 262 | — | 0 | 4 | 27 | 30 |
| **W.N. Central** | — | 1 | 13 | 117 | 153 | — | 0 | 261 | 12 | 21 | 1 | 0 | 30 | 10 | 16 |
| Iowa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Kansas | — | 0 | 1 | 6 | 6 | — | 0 | 0 | — | 1 | — | 0 | 0 | — | — |
| Minnesota | — | 0 | 6 | — | 2 | — | 0 | 261 | — | 15 | — | 0 | 30 | — | 3 |
| Missouri | — | 1 | 13 | 109 | 143 | — | 0 | 3 | 12 | 4 | 1 | 0 | 3 | 10 | 13 |
| Nebraska§ | — | 0 | 1 | 2 | 2 | — | 0 | 0 | — | 1 | — | 0 | 0 | — | — |
| North Dakota | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| South Dakota | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **S. Atlantic** | 3 | 4 | 19 | 246 | 249 | — | 1 | 7 | 57 | 17 | — | 0 | 1 | 6 | 2 |
| Delaware | — | 0 | 3 | 17 | 21 | — | 0 | 1 | 4 | 2 | — | 0 | 0 | — | — |
| District of Columbia | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Florida | — | 0 | 2 | 8 | 11 | — | 0 | 1 | 3 | 3 | — | 0 | 0 | — | — |
| Georgia | — | 0 | 4 | 22 | 18 | — | 0 | 1 | 2 | 1 | — | 0 | 1 | 1 | — |
| Maryland§ | — | 0 | 3 | 23 | 40 | — | 0 | 2 | 15 | 4 | — | 0 | 1 | 2 | — |
| North Carolina | 1 | 2 | 13 | 100 | 61 | — | 0 | 4 | 21 | 3 | — | 0 | 0 | — | — |
| South Carolina§ | — | 0 | 2 | 3 | 11 | — | 0 | 1 | 1 | — | — | 0 | 0 | — | — |
| Virginia§ | 2 | 1 | 13 | 72 | 86 | — | 0 | 2 | 11 | 4 | — | 0 | 1 | 3 | 2 |
| West Virginia | — | 0 | 1 | 1 | 1 | — | 0 | 0 | — | — | — | 0 | 1 | — | — |
| **E.S. Central** | — | 1 | 10 | 85 | 133 | 1 | 0 | 2 | 18 | 3 | — | 0 | 1 | 6 | 24 |
| Alabama§ | — | 0 | 3 | 11 | 8 | — | 0 | 2 | 7 | 1 | — | 0 | 0 | — | — |
| Kentucky | — | 0 | 2 | 16 | 12 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Mississippi | — | 0 | 1 | 3 | 6 | — | 0 | 1 | 1 | — | — | 0 | 0 | — | — |
| Tennessee§ | — | 0 | 6 | 55 | 107 | 1 | 0 | 2 | 10 | 2 | — | 0 | 1 | 6 | 24 |
| **W.S. Central** | 4 | 0 | 141 | 24 | 30 | 2 | 0 | 23 | 5 | 1 | — | 0 | 1 | 1 | — |
| Arkansas§ | 4 | 0 | 34 | 6 | 4 | 2 | 0 | 6 | 2 | — | — | 0 | 0 | — | — |
| Louisiana | — | 0 | 1 | 1 | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Oklahoma | — | 0 | 105 | 14 | 24 | — | 0 | 16 | 2 | 1 | — | 0 | 0 | — | — |
| Texas§ | — | 0 | 2 | 3 | 2 | — | 0 | 1 | 1 | — | — | 0 | 1 | 1 | — |
| **Mountain** | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | 1 |
| Arizona | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | 1 |
| Colorado | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Idaho§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Montana§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Nevada§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| New Mexico§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Utah | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Wyoming§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **Pacific** | — | 0 | 1 | 1 | 3 | — | 0 | 0 | — | 2 | — | 0 | 1 | — | — |
| Alaska | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| California | — | 0 | 1 | 1 | 3 | — | 0 | 0 | — | 2 | — | 0 | 1 | — | — |
| Hawaii | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Oregon | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Washington | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Cumulative total *E. ewingii* cases reported for year 2010 = 10.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Giardiasis | | | | | Gonorrhea | | | | | *Haemophilus influenzae*, invasive† All ages, all serotypes | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 206 | 348 | 666 | 15,828 | 16,909 | 2,101 | 5,519 | 6,403 | 247,293 | 270,108 | 35 | 59 | 171 | 2,535 | 2,516 |
| **New England** | 15 | 32 | 54 | 1,436 | 1,597 | 71 | 102 | 196 | 4,688 | 4,434 | — | 3 | 21 | 161 | 174 |
| Connecticut | — | 5 | 13 | 236 | 263 | — | 42 | 169 | 1,983 | 2,142 | — | 0 | 15 | 34 | 48 |
| Maine§ | 4 | 4 | 12 | 203 | 193 | — | 3 | 11 | 136 | 121 | — | 0 | 2 | 11 | 18 |
| Massachusetts | 10 | 13 | 24 | 637 | 690 | 64 | 46 | 81 | 2,120 | 1,735 | — | 2 | 8 | 86 | 82 |
| New Hampshire | — | 3 | 8 | 129 | 186 | 3 | 3 | 7 | 140 | 95 | — | 0 | 2 | 11 | 12 |
| Rhode Island§ | — | 1 | 7 | 60 | 60 | 4 | 5 | 14 | 262 | 297 | — | 0 | 2 | 11 | 9 |
| Vermont§ | 1 | 4 | 10 | 171 | 205 | — | 0 | 17 | 47 | 44 | — | 0 | 1 | 8 | 5 |
| **Mid. Atlantic** | 44 | 61 | 103 | 2,752 | 3,095 | 361 | 683 | 1,121 | 31,774 | 28,231 | 11 | 11 | 34 | 505 | 509 |
| New Jersey | — | 4 | 13 | 208 | 389 | — | 106 | 161 | 4,814 | 4,289 | — | 2 | 7 | 78 | 112 |
| New York (Upstate) | 32 | 22 | 84 | 1,049 | 1,182 | 191 | 103 | 422 | 5,138 | 5,210 | 5 | 3 | 20 | 138 | 134 |
| New York City | 4 | 17 | 33 | 809 | 752 | — | 228 | 529 | 10,524 | 9,837 | — | 2 | 6 | 97 | 62 |
| Pennsylvania | 8 | 15 | 27 | 686 | 772 | 170 | 248 | 365 | 11,298 | 8,895 | 6 | 4 | 9 | 192 | 201 |
| **E.N. Central** | 19 | 54 | 81 | 2,542 | 2,639 | 285 | 921 | 1,260 | 42,179 | 56,851 | 2 | 10 | 20 | 428 | 393 |
| Illinois | — | 12 | 26 | 515 | 560 | — | 180 | 380 | 7,625 | 18,101 | — | 3 | 9 | 136 | 147 |
| Indiana | — | 5 | 13 | 197 | 271 | — | 98 | 221 | 4,690 | 6,299 | — | 1 | 6 | 72 | 70 |
| Michigan | 3 | 13 | 25 | 612 | 604 | 203 | 249 | 471 | 11,836 | 13,371 | — | 0 | 4 | 28 | 23 |
| Ohio | 16 | 17 | 29 | 772 | 732 | 42 | 316 | 375 | 13,829 | 14,400 | 2 | 2 | 6 | 105 | 87 |
| Wisconsin | — | 8 | 30 | 446 | 472 | 40 | 93 | 155 | 4,199 | 4,680 | — | 2 | 5 | 87 | 66 |
| **W.N. Central** | 7 | 25 | 165 | 1,278 | 1,508 | 124 | 278 | 357 | 12,479 | 13,333 | 2 | 3 | 24 | 144 | 145 |
| Iowa | — | 5 | 11 | 259 | 269 | — | 32 | 53 | 1,480 | 1,511 | — | 0 | 1 | 1 | — |
| Kansas | — | 4 | 10 | 192 | 144 | 6 | 39 | 83 | 1,749 | 2,277 | — | 0 | 2 | 15 | 13 |
| Minnesota | — | 0 | 135 | 136 | 343 | — | 38 | 62 | 1,629 | 2,087 | — | 0 | 17 | 25 | 50 |
| Missouri | 7 | 8 | 26 | 392 | 468 | 118 | 136 | 175 | 6,208 | 5,814 | 1 | 1 | 6 | 72 | 55 |
| Nebraska§ | — | 4 | 9 | 193 | 159 | — | 20 | 50 | 938 | 1,220 | 1 | 0 | 2 | 21 | 21 |
| North Dakota | — | 0 | 7 | 28 | 24 | — | 2 | 11 | 97 | 120 | — | 0 | 4 | 10 | 6 |
| South Dakota | — | 1 | 7 | 78 | 101 | — | 7 | 19 | 378 | 304 | — | 0 | 0 | — | — |
| **S. Atlantic** | 65 | 72 | 143 | 3,301 | 3,321 | 543 | 1,346 | 1,745 | 61,315 | 67,401 | 15 | 14 | 27 | 665 | 687 |
| Delaware | — | 0 | 5 | 28 | 23 | 10 | 18 | 48 | 877 | 860 | — | 0 | 1 | 5 | 3 |
| District of Columbia | — | 1 | 5 | 33 | 68 | 23 | 35 | 66 | 1,618 | 2,370 | — | 0 | 1 | 4 | 5 |
| Florida | 50 | 39 | 87 | 1,915 | 1,738 | 166 | 390 | 493 | 17,847 | 18,906 | 4 | 3 | 9 | 163 | 202 |
| Georgia | — | 10 | 51 | 485 | 663 | 96 | 207 | 421 | 8,674 | 12,349 | 5 | 3 | 9 | 156 | 135 |
| Maryland§ | 8 | 5 | 11 | 240 | 255 | 126 | 133 | 237 | 6,007 | 5,491 | 1 | 1 | 6 | 59 | 80 |
| North Carolina | N | 0 | 0 | N | N | — | 246 | 596 | 11,923 | 12,562 | 5 | 2 | 9 | 113 | 89 |
| South Carolina§ | 1 | 2 | 9 | 124 | 100 | — | 152 | 232 | 7,112 | 7,575 | — | 2 | 7 | 71 | 67 |
| Virginia§ | 6 | 9 | 36 | 437 | 425 | 122 | 153 | 271 | 6,767 | 6,845 | — | 2 | 4 | 72 | 79 |
| West Virginia | — | 0 | 6 | 39 | 49 | — | 10 | 24 | 490 | 443 | — | 0 | 5 | 22 | 27 |
| **E.S. Central** | 1 | 6 | 15 | 241 | 374 | 54 | 475 | 698 | 20,972 | 24,161 | 1 | 3 | 12 | 150 | 147 |
| Alabama§ | 1 | 4 | 11 | 184 | 180 | — | 145 | 218 | 6,461 | 6,814 | — | 0 | 3 | 22 | 35 |
| Kentucky | N | 0 | 0 | N | N | — | 73 | 142 | 3,333 | 3,514 | — | 0 | 2 | 30 | 19 |
| Mississippi | N | 0 | 0 | N | N | — | 110 | 216 | 4,786 | 6,651 | — | 0 | 2 | 11 | 8 |
| Tennessee§ | — | 1 | 9 | 57 | 194 | 54 | 147 | 195 | 6,392 | 7,182 | 1 | 2 | 10 | 87 | 85 |
| **W.S. Central** | — | 8 | 16 | 339 | 469 | 204 | 801 | 1,284 | 37,556 | 42,232 | 2 | 2 | 20 | 113 | 111 |
| Arkansas§ | — | 2 | 7 | 121 | 140 | 74 | 76 | 133 | 3,335 | 4,033 | — | 0 | 3 | 15 | 18 |
| Louisiana | — | 3 | 9 | 155 | 184 | — | 71 | 441 | 3,693 | 8,060 | — | 0 | 3 | 22 | 20 |
| Oklahoma | — | 2 | 7 | 63 | 145 | 130 | 78 | 359 | 3,962 | 4,046 | 2 | 1 | 15 | 68 | 69 |
| Texas§ | N | 0 | 0 | N | N | — | 578 | 964 | 26,566 | 26,093 | — | 0 | 2 | 8 | 4 |
| **Mountain** | 13 | 30 | 50 | 1,466 | 1,514 | 70 | 173 | 262 | 7,719 | 8,336 | 1 | 5 | 15 | 257 | 217 |
| Arizona | 2 | 3 | 8 | 144 | 189 | 39 | 58 | 109 | 2,549 | 2,800 | — | 2 | 10 | 94 | 67 |
| Colorado | 7 | 13 | 27 | 639 | 456 | — | 52 | 95 | 2,305 | 2,524 | — | 1 | 5 | 73 | 62 |
| Idaho§ | 3 | 4 | 9 | 188 | 188 | — | 2 | 6 | 100 | 96 | 1 | 0 | 2 | 17 | 4 |
| Montana§ | 1 | 2 | 7 | 93 | 124 | — | 2 | 6 | 93 | 72 | — | 0 | 1 | 2 | 1 |
| Nevada§ | — | 1 | 11 | 88 | 102 | 4 | 29 | 94 | 1,441 | 1,525 | — | 0 | 2 | 7 | 18 |
| New Mexico§ | — | 2 | 5 | 83 | 109 | 27 | 19 | 41 | 932 | 955 | — | 1 | 5 | 37 | 31 |
| Utah | — | 4 | 11 | 195 | 285 | — | 6 | 15 | 270 | 299 | — | 0 | 4 | 21 | 31 |
| Wyoming§ | — | 1 | 5 | 36 | 61 | — | 0 | 4 | 29 | 65 | — | 0 | 2 | 6 | 3 |
| **Pacific** | 42 | 53 | 133 | 2,473 | 2,392 | 389 | 606 | 816 | 28,611 | 25,129 | 1 | 2 | 21 | 112 | 133 |
| Alaska | — | 2 | 6 | 86 | 104 | 5 | 24 | 37 | 1,092 | 876 | — | 0 | 2 | 20 | 20 |
| California | 25 | 33 | 61 | 1,536 | 1,545 | 333 | 494 | 691 | 23,506 | 20,653 | 1 | 0 | 18 | 21 | 40 |
| Hawaii | — | 0 | 3 | 28 | 19 | — | 14 | 24 | 651 | 574 | — | 0 | 2 | 8 | 28 |
| Oregon | — | 9 | 20 | 424 | 371 | 10 | 19 | 43 | 899 | 982 | — | 1 | 5 | 57 | 42 |
| Washington | 17 | 8 | 75 | 399 | 353 | 41 | 53 | 80 | 2,463 | 2,044 | — | 0 | 4 | 6 | 3 |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 1 | 2 | 3 | — | 0 | 4 | 30 | 19 | — | 0 | 0 | — | — |
| Puerto Rico | — | 1 | 8 | 63 | 145 | 2 | 6 | 14 | 273 | 213 | — | 0 | 1 | 1 | 4 |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 1 | 7 | 78 | 112 | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Data for *H. influenzae* (age <5 yrs for serotype b, nonserotype b, and unknown serotype) are available in Table I.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Hepatitis (viral, acute), by type | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | | | | | B | | | | | C | | | | |
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 20 | 31 | 69 | 1,363 | 1,764 | 27 | 62 | 204 | 2,741 | 2,900 | 11 | 14 | 44 | 716 | 665 |
| **New England** | — | 2 | 5 | 86 | 100 | — | 1 | 5 | 47 | 49 | 1 | 1 | 4 | 37 | 60 |
| Connecticut | — | 0 | 3 | 28 | 18 | — | 0 | 2 | 18 | 15 | — | 0 | 4 | 25 | 47 |
| Maine† | — | 0 | 1 | 7 | 1 | — | 0 | 2 | 13 | 13 | — | 0 | 0 | — | 2 |
| Massachusetts | — | 1 | 5 | 41 | 64 | — | 0 | 2 | 8 | 17 | — | 0 | 1 | 10 | 10 |
| New Hampshire | — | 0 | 1 | 2 | 7 | — | 0 | 2 | 6 | 4 | N | 0 | 0 | N | N |
| Rhode Island† | — | 0 | 4 | 8 | 8 | U | 0 | 0 | U | U | U | 0 | 0 | U | U |
| Vermont† | — | 0 | 0 | — | 2 | — | 0 | 1 | 2 | — | 1 | 0 | 1 | 2 | 1 |
| **Mid. Atlantic** | 2 | 4 | 10 | 185 | 247 | 3 | 5 | 10 | 246 | 301 | 3 | 2 | 6 | 98 | 91 |
| New Jersey | — | 0 | 3 | 12 | 61 | — | 1 | 5 | 57 | 91 | — | 0 | 2 | 14 | 6 |
| New York (Upstate) | 1 | 1 | 4 | 54 | 43 | 3 | 1 | 6 | 48 | 47 | 3 | 1 | 4 | 55 | 42 |
| New York City | — | 1 | 5 | 68 | 81 | — | 2 | 4 | 75 | 63 | — | 0 | 1 | 1 | 5 |
| Pennsylvania | 1 | 1 | 4 | 51 | 62 | — | 1 | 5 | 66 | 100 | — | 0 | 3 | 28 | 38 |
| **E.N. Central** | — | 4 | 9 | 193 | 265 | — | 9 | 17 | 403 | 392 | — | 2 | 8 | 102 | 81 |
| Illinois | — | 1 | 3 | 44 | 121 | — | 1 | 5 | 77 | 109 | — | 0 | 1 | 2 | 4 |
| Indiana | — | 0 | 2 | 15 | 16 | — | 1 | 5 | 47 | 67 | — | 0 | 2 | 21 | 19 |
| Michigan | — | 1 | 4 | 64 | 64 | — | 3 | 6 | 109 | 115 | — | 1 | 4 | 63 | 29 |
| Ohio | — | 0 | 5 | 44 | 35 | — | 2 | 6 | 84 | 80 | — | 0 | 1 | 8 | 26 |
| Wisconsin | — | 0 | 3 | 26 | 29 | — | 1 | 8 | 86 | 21 | — | 0 | 2 | 8 | 3 |
| **W.N. Central** | — | 1 | 13 | 69 | 111 | — | 2 | 15 | 108 | 124 | — | 0 | 11 | 22 | 21 |
| Iowa | — | 0 | 3 | 9 | 35 | — | 0 | 2 | 13 | 31 | — | 0 | 1 | — | 10 |
| Kansas | — | 0 | 3 | 11 | 12 | — | 0 | 2 | 8 | 6 | — | 0 | 1 | 2 | 1 |
| Minnesota | — | 0 | 12 | 15 | 19 | — | 0 | 13 | 8 | 24 | — | 0 | 9 | 12 | 6 |
| Missouri | — | 0 | 2 | 21 | 21 | — | 1 | 3 | 66 | 41 | — | 0 | 1 | 6 | — |
| Nebraska† | — | 0 | 4 | 12 | 20 | — | 0 | 2 | 12 | 19 | — | 0 | 1 | 2 | 2 |
| North Dakota | — | 0 | 1 | — | 1 | — | 0 | 0 | — | — | — | 0 | 1 | — | 1 |
| South Dakota | — | 0 | 1 | 1 | 3 | — | 0 | 1 | 1 | 3 | — | 0 | 0 | — | 1 |
| **S. Atlantic** | 6 | 7 | 14 | 310 | 386 | 11 | 16 | 40 | 786 | 797 | 4 | 4 | 7 | 155 | 151 |
| Delaware | — | 0 | 1 | 7 | 3 | — | 0 | 2 | 23 | 30 | U | 0 | 0 | U | U |
| District of Columbia | — | 0 | 1 | 1 | 1 | — | 0 | 1 | 3 | 10 | — | 0 | 1 | 2 | 1 |
| Florida | 4 | 3 | 7 | 126 | 158 | 7 | 6 | 11 | 269 | 258 | 2 | 1 | 5 | 52 | 44 |
| Georgia | — | 1 | 3 | 35 | 47 | 2 | 3 | 7 | 134 | 134 | — | 0 | 2 | 8 | 30 |
| Maryland† | 1 | 0 | 3 | 21 | 44 | 1 | 1 | 6 | 68 | 68 | 1 | 0 | 2 | 24 | 21 |
| North Carolina | — | 1 | 5 | 45 | 36 | 1 | 1 | 16 | 89 | 98 | 1 | 0 | 3 | 39 | 21 |
| South Carolina† | — | 0 | 3 | 22 | 56 | — | 1 | 4 | 51 | 52 | — | 0 | 1 | 1 | 1 |
| Virginia† | 1 | 1 | 6 | 46 | 36 | — | 2 | 14 | 88 | 86 | — | 0 | 2 | 12 | 8 |
| West Virginia | — | 0 | 5 | 7 | 5 | — | 0 | 14 | 61 | 61 | — | 0 | 5 | 17 | 25 |
| **E.S. Central** | 1 | 1 | 3 | 37 | 37 | — | 7 | 13 | 322 | 307 | 3 | 3 | 8 | 133 | 92 |
| Alabama† | — | 0 | 1 | 6 | 10 | — | 1 | 4 | 61 | 80 | — | 0 | 1 | 6 | 7 |
| Kentucky | 1 | 0 | 3 | 17 | 9 | — | 2 | 8 | 114 | 80 | 1 | 2 | 5 | 90 | 55 |
| Mississippi | — | 0 | 1 | 2 | 8 | — | 1 | 3 | 35 | 29 | U | 0 | 0 | U | U |
| Tennessee† | — | 0 | 2 | 12 | 10 | — | 2 | 8 | 112 | 118 | 2 | 1 | 4 | 37 | 30 |
| **W.S. Central** | 2 | 3 | 19 | 126 | 173 | 7 | 9 | 109 | 436 | 511 | — | 1 | 14 | 65 | 53 |
| Arkansas† | — | 0 | 1 | 2 | 11 | — | 0 | 4 | 41 | 60 | — | 0 | 0 | — | 2 |
| Louisiana | — | 0 | 2 | 10 | 6 | — | 1 | 4 | 42 | 64 | — | 0 | 1 | 7 | 7 |
| Oklahoma | — | 0 | 3 | 1 | 3 | 3 | 2 | 19 | 85 | 90 | — | 0 | 12 | 28 | 12 |
| Texas† | 2 | 2 | 18 | 113 | 153 | 4 | 5 | 87 | 268 | 297 | — | 0 | 3 | 30 | 32 |
| **Mountain** | — | 3 | 8 | 132 | 145 | — | 2 | 8 | 121 | 118 | — | 1 | 5 | 48 | 48 |
| Arizona | — | 1 | 5 | 59 | 60 | — | 0 | 2 | 28 | 39 | U | 0 | 0 | U | U |
| Colorado | — | 1 | 3 | 34 | 47 | — | 1 | 5 | 40 | 23 | — | 0 | 1 | 12 | 26 |
| Idaho† | — | 0 | 2 | 6 | 4 | — | 0 | 1 | 6 | 11 | — | 0 | 2 | 9 | 6 |
| Montana† | — | 0 | 1 | 4 | 6 | — | 0 | 1 | 1 | 1 | — | 0 | 1 | 2 | 1 |
| Nevada† | — | 0 | 2 | 14 | 13 | — | 1 | 3 | 35 | 29 | — | 0 | 1 | 4 | 4 |
| New Mexico† | — | 0 | 1 | 4 | 8 | — | 0 | 1 | 5 | 6 | — | 0 | 2 | 11 | 6 |
| Utah | — | 0 | 1 | 8 | 5 | — | 0 | 1 | 5 | 5 | — | 0 | 2 | 10 | 5 |
| Wyoming† | — | 0 | 3 | 3 | 2 | — | 0 | 1 | 1 | 4 | — | 0 | 0 | — | — |
| **Pacific** | 9 | 5 | 16 | 225 | 300 | 6 | 6 | 20 | 272 | 301 | — | 1 | 6 | 56 | 68 |
| Alaska | — | 0 | 1 | 2 | 2 | — | 0 | 1 | 3 | 3 | U | 0 | 0 | U | U |
| California | 9 | 4 | 16 | 187 | 238 | 5 | 4 | 17 | 190 | 212 | — | 0 | 4 | 22 | 37 |
| Hawaii | — | 0 | 2 | 3 | 8 | — | 0 | 1 | 2 | 6 | U | 0 | 0 | U | U |
| Oregon | — | 0 | 2 | 16 | 15 | — | 1 | 3 | 34 | 40 | — | 0 | 3 | 15 | 17 |
| Washington | — | 0 | 2 | 17 | 37 | 1 | 1 | 4 | 43 | 40 | — | 0 | 6 | 19 | 14 |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 6 | 18 | 6 | — | 1 | 6 | 40 | 54 | — | 0 | 7 | 35 | 48 |
| Puerto Rico | — | 0 | 2 | 13 | 21 | — | 0 | 2 | 17 | 31 | — | 0 | 0 | — | — |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

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U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
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† Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Legionellosis | | | | | Lyme disease | | | | | Malaria | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 51 | 57 | 114 | 2,863 | 3,160 | 106 | 396 | 2,336 | 24,718 | 34,479 | 11 | 27 | 89 | 1,314 | 1,245 |
| **New England** | — | 3 | 15 | 211 | 185 | 9 | 123 | 474 | 7,215 | 11,838 | — | 2 | 4 | 65 | 55 |
| Connecticut | — | 1 | 6 | 43 | 50 | — | 36 | 200 | 2,257 | 4,002 | — | 0 | 1 | 1 | 5 |
| Maine† | — | 0 | 4 | 12 | 8 | 8 | 11 | 76 | 649 | 835 | — | 0 | 1 | 5 | 2 |
| Massachusetts | — | 1 | 8 | 103 | 88 | 1 | 41 | 206 | 2,763 | 5,053 | — | 1 | 3 | 45 | 36 |
| New Hampshire | — | 0 | 5 | 21 | 13 | — | 22 | 67 | 1,093 | 1,338 | — | 0 | 2 | 4 | 4 |
| Rhode Island† | — | 0 | 4 | 23 | 19 | — | 1 | 40 | 147 | 224 | — | 0 | 1 | 7 | 5 |
| Vermont† | — | 0 | 2 | 9 | 7 | — | 4 | 27 | 306 | 386 | — | 0 | 1 | 3 | 3 |
| **Mid. Atlantic** | 7 | 15 | 38 | 775 | 1,104 | 57 | 168 | 721 | 11,431 | 15,022 | 1 | 7 | 17 | 359 | 370 |
| New Jersey | — | 2 | 11 | 93 | 205 | — | 41 | 207 | 2,918 | 4,810 | — | 0 | 4 | 1 | 92 |
| New York (Upstate) | 2 | 5 | 19 | 257 | 323 | 33 | 51 | 577 | 2,676 | 3,718 | 1 | 1 | 6 | 68 | 43 |
| New York City | — | 2 | 10 | 131 | 215 | — | 2 | 14 | 67 | 995 | — | 4 | 14 | 235 | 185 |
| Pennsylvania | 5 | 5 | 18 | 294 | 361 | 24 | 77 | 383 | 5,770 | 5,499 | — | 1 | 3 | 55 | 50 |
| **E.N. Central** | 9 | 11 | 41 | 640 | 672 | 1 | 15 | 260 | 2,123 | 2,861 | — | 2 | 9 | 132 | 157 |
| Illinois | — | 1 | 15 | 120 | 121 | — | 1 | 16 | 115 | 136 | — | 1 | 7 | 47 | 65 |
| Indiana | 1 | 2 | 6 | 100 | 60 | — | 1 | 7 | 66 | 81 | — | 0 | 2 | 8 | 21 |
| Michigan | — | 2 | 20 | 161 | 155 | — | 1 | 13 | 90 | 98 | — | 0 | 4 | 29 | 28 |
| Ohio | 8 | 4 | 15 | 213 | 264 | — | 0 | 5 | 22 | 50 | — | 0 | 5 | 38 | 34 |
| Wisconsin | — | 0 | 11 | 46 | 72 | 1 | 12 | 235 | 1,830 | 2,496 | — | 0 | 1 | 10 | 9 |
| **W.N. Central** | 8 | 2 | 19 | 115 | 109 | — | 2 | 1,395 | 113 | 229 | — | 1 | 11 | 64 | 63 |
| Iowa | — | 0 | 2 | 13 | 22 | — | 0 | 10 | 78 | 106 | — | 0 | 2 | 12 | 10 |
| Kansas | — | 0 | 2 | 11 | 7 | — | 0 | 1 | 6 | 18 | — | 0 | 2 | 10 | 8 |
| Minnesota | 8 | 0 | 16 | 35 | 12 | — | 0 | 1,380 | — | 96 | — | 0 | 11 | 3 | 24 |
| Missouri | — | 0 | 4 | 33 | 53 | — | 0 | 1 | 1 | 3 | — | 0 | 3 | 21 | 12 |
| Nebraska† | — | 0 | 2 | 9 | 12 | — | 0 | 2 | 9 | 5 | — | 0 | 2 | 15 | 8 |
| North Dakota | — | 0 | 1 | 6 | 1 | — | 0 | 15 | 18 | — | — | 0 | 1 | — | — |
| South Dakota | — | 0 | 2 | 8 | 2 | — | 0 | 1 | 1 | 1 | — | 0 | 2 | 3 | 1 |
| **S. Atlantic** | 20 | 10 | 27 | 482 | 535 | 35 | 58 | 175 | 3,477 | 4,077 | 7 | 7 | 42 | 377 | 322 |
| Delaware | — | 0 | 3 | 15 | 19 | — | 10 | 32 | 565 | 932 | — | 0 | 1 | 2 | 5 |
| District of Columbia | — | 0 | 4 | 15 | 21 | — | 0 | 4 | 25 | 61 | — | 0 | 2 | 9 | 17 |
| Florida | 6 | 3 | 9 | 152 | 167 | 2 | 1 | 10 | 92 | 100 | 3 | 2 | 7 | 116 | 83 |
| Georgia | 1 | 1 | 4 | 48 | 55 | — | 0 | 2 | 11 | 38 | — | 0 | 5 | 41 | 65 |
| Maryland† | 5 | 2 | 6 | 104 | 139 | 7 | 25 | 100 | 1,513 | 1,919 | — | 1 | 22 | 91 | 62 |
| North Carolina | 2 | 0 | 7 | 53 | 58 | — | 1 | 9 | 80 | 93 | 2 | 0 | 13 | 47 | 29 |
| South Carolina† | — | 0 | 2 | 10 | 11 | — | 0 | 3 | 28 | 37 | — | 0 | 1 | 4 | 5 |
| Virginia† | 6 | 1 | 6 | 72 | 56 | 26 | 17 | 79 | 1,045 | 733 | 2 | 1 | 5 | 64 | 54 |
| West Virginia | — | 0 | 3 | 13 | 9 | — | 0 | 32 | 118 | 164 | — | 0 | 2 | 3 | 2 |
| **E.S. Central** | 1 | 2 | 10 | 119 | 129 | — | 1 | 4 | 43 | 35 | — | 0 | 3 | 29 | 30 |
| Alabama† | — | 0 | 2 | 17 | 17 | — | 0 | 1 | 2 | 3 | — | 0 | 1 | 9 | 9 |
| Kentucky | — | 0 | 4 | 26 | 47 | — | 0 | 1 | 5 | 1 | — | 0 | 3 | 6 | 9 |
| Mississippi | — | 0 | 3 | 9 | 4 | — | 0 | 0 | — | — | — | 0 | 2 | 2 | 3 |
| Tennessee† | 1 | 1 | 6 | 67 | 61 | — | 1 | 4 | 36 | 31 | — | 0 | 2 | 12 | 9 |
| **W.S. Central** | 1 | 3 | 14 | 134 | 116 | 1 | 2 | 44 | 94 | 210 | 1 | 1 | 31 | 76 | 63 |
| Arkansas† | 1 | 0 | 2 | 14 | 7 | — | 0 | 0 | — | — | — | 0 | 1 | 2 | 5 |
| Louisiana | — | 0 | 3 | 8 | 13 | — | 0 | 1 | 2 | — | — | 0 | 1 | 4 | 5 |
| Oklahoma | — | 0 | 4 | 13 | 6 | — | 0 | 2 | — | — | — | 0 | 1 | 5 | 1 |
| Texas† | — | 2 | 10 | 99 | 90 | 1 | 2 | 42 | 92 | 210 | 1 | 1 | 30 | 65 | 52 |
| **Mountain** | 1 | 3 | 10 | 152 | 133 | — | 0 | 3 | 23 | 53 | — | 1 | 4 | 57 | 46 |
| Arizona | 1 | 1 | 6 | 59 | 42 | — | 0 | 1 | 2 | 6 | — | 0 | 2 | 22 | 9 |
| Colorado | — | 1 | 5 | 32 | 27 | — | 0 | 1 | 3 | 1 | — | 0 | 3 | 20 | 26 |
| Idaho† | — | 0 | 1 | 6 | 6 | — | 0 | 2 | 7 | 15 | — | 0 | 1 | 3 | 2 |
| Montana† | — | 0 | 1 | 4 | 7 | — | 0 | 1 | 3 | 3 | — | 0 | 1 | 2 | 5 |
| Nevada† | — | 0 | 2 | 19 | 12 | — | 0 | 1 | 1 | 12 | — | 0 | 1 | 6 | — |
| New Mexico† | — | 0 | 2 | 7 | 9 | — | 0 | 2 | 5 | 5 | — | 0 | 1 | 1 | — |
| Utah | — | 0 | 2 | 20 | 26 | — | 0 | 1 | 2 | 9 | — | 0 | 1 | 3 | 4 |
| Wyoming† | — | 0 | 2 | 5 | 4 | — | 0 | 1 | — | 2 | — | 0 | 0 | — | — |
| **Pacific** | 4 | 5 | 19 | 235 | 177 | 3 | 4 | 11 | 199 | 154 | 2 | 3 | 19 | 155 | 139 |
| Alaska | — | 0 | 2 | 2 | 1 | — | 0 | 1 | 6 | 6 | — | 0 | 1 | 3 | 2 |
| California | 4 | 4 | 19 | 197 | 136 | 3 | 3 | 9 | 132 | 97 | 1 | 2 | 13 | 106 | 104 |
| Hawaii | — | 0 | 1 | 1 | 1 | N | 0 | 0 | N | N | — | 0 | 1 | 1 | 1 |
| Oregon | — | 0 | 3 | 12 | 16 | — | 1 | 4 | 48 | 37 | — | 0 | 3 | 12 | 11 |
| Washington | — | 0 | 4 | 23 | 23 | — | 0 | 3 | 13 | 14 | 1 | 0 | 5 | 33 | 21 |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | N | 0 | 0 | N | N | — | 0 | 0 | — | — |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 1 | 1 | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 1 | — | 2 | N | 0 | 0 | N | N | — | 0 | 2 | 4 | 5 |
| 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 reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Meningococcal disease, invasive† All groups | | | | | Pertussis | | | | | Rabies, animal | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 12 | 15 | 43 | 666 | 837 | 241 | 331 | 1,756 | 17,250 | 13,750 | 28 | 64 | 140 | 2,931 | 4,716 |
| **New England** | 1 | 0 | 3 | 17 | 30 | 4 | 8 | 23 | 434 | 582 | 1 | 4 | 15 | 210 | 313 |
| Connecticut | — | 0 | 2 | 2 | 4 | — | 1 | 8 | 95 | 50 | — | 0 | 14 | 59 | 132 |
| Maine§ | 1 | 0 | 1 | 4 | 4 | 1 | 0 | 5 | 43 | 77 | 1 | 1 | 4 | 58 | 50 |
| Massachusetts | — | 0 | 2 | 6 | 14 | 2 | 5 | 14 | 239 | 331 | — | 0 | 0 | — | — |
| New Hampshire | — | 0 | 0 | — | 3 | — | 0 | 2 | 18 | 72 | — | 0 | 5 | 13 | 31 |
| Rhode Island§ | — | 0 | 0 | — | 4 | — | 0 | 9 | 26 | 41 | — | 1 | 4 | 31 | 41 |
| Vermont§ | — | 0 | 1 | 5 | 1 | 1 | 0 | 4 | 13 | 11 | — | 1 | 5 | 49 | 59 |
| **Mid. Atlantic** | — | 1 | 4 | 62 | 95 | 53 | 26 | 63 | 1,396 | 1,073 | 7 | 18 | 41 | 893 | 522 |
| New Jersey | — | 0 | 2 | 16 | 17 | — | 2 | 8 | 109 | 221 | — | 0 | 0 | — | — |
| New York (Upstate) | — | 0 | 3 | 11 | 20 | 18 | 9 | 27 | 485 | 203 | 7 | 9 | 19 | 463 | 404 |
| New York City | — | 0 | 2 | 14 | 16 | — | 0 | 9 | 78 | 86 | — | 2 | 12 | 120 | 18 |
| Pennsylvania | — | 0 | 2 | 21 | 42 | 35 | 11 | 42 | 724 | 563 | — | 5 | 24 | 310 | 100 |
| **E.N. Central** | 2 | 2 | 8 | 114 | 153 | 79 | 82 | 173 | 4,350 | 2,834 | — | 2 | 27 | 222 | 217 |
| Illinois | — | 0 | 3 | 19 | 41 | — | 14 | 29 | 711 | 578 | — | 1 | 11 | 114 | 82 |
| Indiana | — | 0 | 3 | 23 | 33 | — | 9 | 26 | 470 | 339 | — | 0 | 0 | — | 25 |
| Michigan | — | 0 | 3 | 20 | 19 | 12 | 26 | 54 | 1,233 | 778 | — | 1 | 5 | 64 | 64 |
| Ohio | 2 | 1 | 2 | 31 | 39 | 66 | 27 | 71 | 1,527 | 983 | — | 0 | 12 | 44 | 46 |
| Wisconsin | — | 0 | 2 | 21 | 21 | 1 | 7 | 20 | 409 | 156 | — | 0 | 0 | — | — |
| **W.N. Central** | — | 1 | 6 | 43 | 71 | 22 | 32 | 627 | 2,007 | 2,008 | 1 | 4 | 16 | 220 | 361 |
| Iowa | — | 0 | 3 | 9 | 11 | — | 9 | 26 | 451 | 216 | — | 0 | 2 | 7 | 31 |
| Kansas | — | 0 | 2 | 6 | 13 | — | 3 | 9 | 142 | 226 | — | 1 | 4 | 58 | 72 |
| Minnesota | — | 0 | 2 | 2 | 11 | — | 0 | 601 | 698 | 421 | — | 0 | 9 | 26 | 60 |
| Missouri | — | 0 | 3 | 19 | 22 | 20 | 8 | 39 | 439 | 942 | — | 1 | 6 | 65 | 64 |
| Nebraska§ | — | 0 | 2 | 5 | 9 | 2 | 4 | 13 | 201 | 132 | 1 | 1 | 4 | 49 | 77 |
| North Dakota | — | 0 | 1 | 2 | 1 | — | 0 | 30 | 50 | 29 | — | 0 | 7 | 15 | 4 |
| South Dakota | — | 0 | 1 | — | 4 | — | 0 | 5 | 26 | 42 | — | 0 | 2 | — | 53 |
| **S. Atlantic** | 2 | 2 | 7 | 121 | 153 | 16 | 28 | 78 | 1,359 | 1,489 | 18 | 21 | 73 | 986 | 1,964 |
| Delaware | — | 0 | 1 | 2 | 2 | — | 0 | 4 | 12 | 13 | — | 0 | 0 | — | — |
| District of Columbia | — | 0 | 0 | — | — | — | 0 | 1 | 6 | 6 | — | 0 | 0 | — | — |
| Florida | 1 | 1 | 5 | 55 | 49 | 7 | 5 | 28 | 287 | 477 | — | 0 | 60 | 72 | 161 |
| Georgia | — | 0 | 2 | 10 | 30 | 1 | 3 | 18 | 213 | 212 | — | 0 | 13 | — | 375 |
| Maryland§ | — | 0 | 1 | 8 | 10 | 1 | 3 | 8 | 120 | 135 | 5 | 6 | 14 | 337 | 363 |
| North Carolina | 1 | 0 | 2 | 15 | 29 | — | 0 | 32 | 124 | 186 | — | 0 | 7 | — | 440 |
| South Carolina§ | — | 0 | 1 | 10 | 11 | 1 | 5 | 19 | 298 | 239 | — | 0 | 0 | — | — |
| Virginia§ | — | 0 | 2 | 19 | 16 | 6 | 5 | 15 | 214 | 191 | 13 | 10 | 25 | 506 | 514 |
| West Virginia | — | 0 | 2 | 2 | 6 | — | 1 | 13 | 85 | 30 | — | 1 | 7 | 71 | 111 |
| **E.S. Central** | — | 1 | 3 | 38 | 30 | 2 | 14 | 34 | 668 | 727 | — | 3 | 7 | 137 | 134 |
| Alabama§ | — | 0 | 2 | 6 | 8 | — | 4 | 8 | 176 | 282 | — | 1 | 4 | 49 | — |
| Kentucky | — | 0 | 2 | 17 | 5 | — | 5 | 14 | 231 | 210 | — | 0 | 4 | 19 | 45 |
| Mississippi | — | 0 | 1 | 5 | 3 | — | 1 | 8 | 63 | 66 | — | 0 | 1 | 1 | 4 |
| Tennessee§ | — | 0 | 2 | 10 | 14 | 2 | 4 | 11 | 198 | 169 | — | 1 | 4 | 68 | 85 |
| **W.S. Central** | 3 | 1 | 9 | 78 | 82 | 26 | 56 | 753 | 2,523 | 2,950 | — | 0 | 30 | 61 | 864 |
| Arkansas§ | — | 0 | 1 | 6 | 9 | — | 3 | 29 | 159 | 317 | — | 0 | 7 | 21 | 38 |
| Louisiana | — | 0 | 4 | 12 | 17 | — | 1 | 4 | 32 | 143 | — | 0 | 0 | — | — |
| Oklahoma | — | 0 | 7 | 15 | 12 | 2 | 0 | 41 | 65 | 73 | — | 0 | 30 | 40 | 32 |
| Texas§ | 3 | 1 | 7 | 45 | 44 | 24 | 48 | 681 | 2,267 | 2,417 | — | 0 | 14 | — | 794 |
| **Mountain** | 1 | 1 | 6 | 52 | 57 | 33 | 24 | 57 | 1,311 | 875 | — | 1 | 8 | 77 | 102 |
| Arizona | — | 0 | 2 | 13 | 12 | 4 | 7 | 16 | 367 | 231 | — | 0 | 5 | — | — |
| Colorado | 1 | 0 | 4 | 19 | 19 | 29 | 4 | 40 | 320 | 204 | — | 0 | 0 | — | — |
| Idaho§ | — | 0 | 2 | 7 | 7 | — | 3 | 19 | 180 | 69 | — | 0 | 2 | 11 | 8 |
| Montana§ | — | 0 | 1 | 1 | 5 | — | 1 | 12 | 75 | 54 | — | 0 | 3 | 16 | 25 |
| Nevada§ | — | 0 | 1 | 8 | 4 | — | 0 | 7 | 31 | 24 | — | 0 | 2 | 8 | 6 |
| New Mexico§ | — | 0 | 1 | 3 | 3 | — | 2 | 11 | 119 | 66 | — | 0 | 2 | 11 | 26 |
| Utah | — | 0 | 1 | 1 | 2 | — | 4 | 13 | 209 | 205 | — | 0 | 2 | 10 | 13 |
| Wyoming§ | — | 0 | 0 | — | 5 | — | 0 | 2 | 10 | 22 | — | 0 | 4 | 21 | 24 |
| **Pacific** | 3 | 3 | 16 | 141 | 166 | 6 | 40 | 209 | 3,202 | 1,212 | 1 | 3 | 12 | 125 | 239 |
| Alaska | — | 0 | 1 | 1 | 6 | — | 0 | 6 | 37 | 50 | — | 0 | 2 | 12 | 12 |
| California | 3 | 2 | 13 | 94 | 105 | 2 | 27 | 181 | 2,438 | 630 | 1 | 2 | 12 | 101 | 216 |
| Hawaii | — | 0 | 1 | 1 | 5 | — | 0 | 6 | 41 | 41 | — | 0 | 0 | — | — |
| Oregon | — | 1 | 2 | 29 | 37 | — | 6 | 16 | 294 | 240 | — | 0 | 2 | 12 | 11 |
| Washington | — | 0 | 7 | 16 | 13 | 4 | 5 | 38 | 392 | 251 | — | 0 | 0 | — | — |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | N | 0 | 0 | N | N |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 0 | — | — | — | 0 | 2 | — | 2 | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 1 | — | 1 | — | 0 | 1 | 3 | 1 | — | 1 | 3 | 40 | 39 |
| 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 reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Data for meningococcal disease, invasive caused by serogroups A, C, Y, and W-135; serogroup B; other serogroup; and unknown serogroup are available in Table I.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Salmonellosis | | | | | Shiga toxin-producing *E. coli* (STEC)† | | | | | Shigellosis | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 668 | 900 | 1,706 | 45,573 | 43,732 | 56 | 84 | 208 | 4,250 | 4,176 | 193 | 273 | 527 | 12,195 | 13,935 |
| **New England** | 5 | 32 | 448 | 2,076 | 2,009 | 1 | 3 | 52 | 186 | 283 | 1 | 4 | 62 | 290 | 318 |
| Connecticut | — | 0 | 432 | 432 | 430 | — | 0 | 52 | 52 | 67 | — | 0 | 57 | 57 | 43 |
| Maine§ | 1 | 2 | 7 | 117 | 114 | — | 0 | 3 | 18 | 19 | 1 | 0 | 1 | 7 | 5 |
| Massachusetts | 3 | 23 | 54 | 1,164 | 1,032 | — | 2 | 8 | 77 | 99 | — | 4 | 16 | 202 | 221 |
| New Hampshire | — | 3 | 10 | 152 | 242 | — | 0 | 2 | 20 | 35 | — | 0 | 1 | 12 | 21 |
| Rhode Island§ | — | 2 | 17 | 140 | 131 | — | 0 | 26 | 2 | 38 | — | 0 | 3 | 11 | 23 |
| Vermont§ | 1 | 1 | 5 | 71 | 60 | 1 | 0 | 2 | 17 | 25 | — | 0 | 1 | 1 | 5 |
| **Mid. Atlantic** | 48 | 94 | 219 | 5,212 | 4,997 | 3 | 9 | 31 | 459 | 392 | 5 | 33 | 53 | 1,410 | 2,563 |
| New Jersey | — | 19 | 57 | 977 | 1,035 | — | 1 | 6 | 56 | 97 | — | 6 | 16 | 288 | 556 |
| New York (Upstate) | 25 | 25 | 78 | 1,306 | 1,174 | 3 | 3 | 13 | 179 | 135 | — | 4 | 19 | 207 | 195 |
| New York City | 7 | 25 | 56 | 1,242 | 1,164 | — | 1 | 7 | 67 | 55 | 1 | 6 | 14 | 271 | 418 |
| Pennsylvania | 16 | 29 | 82 | 1,687 | 1,624 | — | 3 | 13 | 157 | 105 | 4 | 14 | 34 | 644 | 1,394 |
| **E.N. Central** | 19 | 86 | 239 | 4,706 | 4,734 | 4 | 10 | 39 | 673 | 667 | 9 | 26 | 238 | 1,517 | 2,322 |
| Illinois | — | 28 | 114 | 1,636 | 1,345 | — | 2 | 9 | 115 | 157 | — | 9 | 228 | 741 | 555 |
| Indiana | — | 9 | 55 | 430 | 566 | — | 1 | 9 | 66 | 89 | — | 1 | 5 | 33 | 63 |
| Michigan | 4 | 15 | 48 | 844 | 891 | — | 2 | 16 | 149 | 127 | — | 5 | 9 | 218 | 209 |
| Ohio | 15 | 24 | 47 | 1,204 | 1,307 | 4 | 2 | 11 | 133 | 121 | 9 | 6 | 23 | 284 | 1,025 |
| Wisconsin | — | 11 | 44 | 592 | 625 | — | 3 | 17 | 210 | 173 | — | 4 | 21 | 241 | 470 |
| **W.N. Central** | 24 | 45 | 98 | 2,224 | 2,411 | 2 | 12 | 39 | 602 | 681 | 6 | 48 | 88 | 1,895 | 1,040 |
| Iowa | — | 9 | 34 | 479 | 370 | — | 3 | 16 | 162 | 150 | — | 1 | 5 | 48 | 49 |
| Kansas | — | 8 | 19 | 404 | 364 | — | 1 | 6 | 64 | 53 | — | 5 | 14 | 238 | 185 |
| Minnesota | — | 0 | 32 | 178 | 512 | — | 0 | 13 | 31 | 195 | — | 0 | 3 | 14 | 73 |
| Missouri | 15 | 13 | 44 | 752 | 597 | 2 | 4 | 27 | 226 | 128 | 6 | 42 | 75 | 1,533 | 696 |
| Nebraska§ | 9 | 4 | 13 | 235 | 324 | — | 1 | 6 | 70 | 81 | — | 1 | 10 | 55 | 29 |
| North Dakota | — | 0 | 39 | 48 | 63 | — | 0 | 10 | 17 | 8 | — | 0 | 5 | — | 4 |
| South Dakota | — | 3 | 8 | 128 | 181 | — | 0 | 4 | 32 | 66 | — | 0 | 2 | 7 | 4 |
| **S. Atlantic** | 422 | 268 | 601 | 14,127 | 12,838 | 18 | 13 | 30 | 659 | 619 | 85 | 45 | 97 | 2,326 | 2,156 |
| Delaware | — | 3 | 11 | 164 | 129 | — | 0 | 2 | 6 | 13 | — | 1 | 8 | 39 | 134 |
| District of Columbia | — | 1 | 6 | 66 | 92 | — | 0 | 1 | 5 | 2 | — | 0 | 4 | 23 | 22 |
| Florida | 164 | 121 | 227 | 5,686 | 5,822 | 4 | 4 | 13 | 218 | 159 | 34 | 14 | 53 | 1,010 | 421 |
| Georgia | 39 | 41 | 132 | 2,520 | 2,178 | — | 1 | 15 | 100 | 67 | 11 | 13 | 39 | 693 | 593 |
| Maryland§ | 16 | 15 | 54 | 941 | 725 | 4 | 1 | 8 | 91 | 87 | 3 | 2 | 8 | 119 | 348 |
| North Carolina | 183 | 29 | 197 | 2,145 | 1,677 | 9 | 1 | 10 | 82 | 101 | 35 | 3 | 18 | 216 | 343 |
| South Carolina§ | 6 | 20 | 94 | 1,431 | 1,051 | — | 0 | 3 | 19 | 30 | — | 1 | 5 | 61 | 112 |
| Virginia§ | 14 | 18 | 68 | 1,016 | 966 | 1 | 2 | 15 | 120 | 131 | 2 | 2 | 15 | 129 | 175 |
| West Virginia | — | 2 | 16 | 158 | 198 | — | 0 | 4 | 18 | 29 | — | 0 | 11 | 36 | 8 |
| **E.S. Central** | 27 | 52 | 177 | 3,593 | 2,848 | 2 | 5 | 19 | 246 | 197 | 4 | 13 | 40 | 660 | 743 |
| Alabama§ | 9 | 18 | 51 | 937 | 855 | — | 1 | 4 | 46 | 44 | 1 | 3 | 13 | 168 | 145 |
| Kentucky | 7 | 10 | 31 | 528 | 415 | — | 1 | 6 | 65 | 66 | 1 | 3 | 28 | 210 | 200 |
| Mississippi | — | 16 | 67 | 1,146 | 854 | 1 | 0 | 12 | 28 | 6 | — | 1 | 4 | 48 | 44 |
| Tennessee§ | 11 | 14 | 53 | 982 | 724 | 1 | 2 | 7 | 107 | 81 | 2 | 5 | 14 | 234 | 354 |
| **W.S. Central** | 23 | 98 | 547 | 5,412 | 5,381 | 6 | 5 | 68 | 271 | 289 | 54 | 51 | 251 | 2,344 | 2,609 |
| Arkansas§ | 3 | 11 | 43 | 722 | 569 | — | 1 | 5 | 45 | 41 | 1 | 1 | 9 | 65 | 285 |
| Louisiana | — | 19 | 48 | 1,099 | 1,106 | — | 0 | 2 | 17 | 23 | — | 5 | 13 | 232 | 166 |
| Oklahoma | 12 | 11 | 46 | 615 | 571 | 6 | 0 | 27 | 40 | 31 | 7 | 6 | 96 | 247 | 256 |
| Texas§ | 8 | 51 | 477 | 2,976 | 3,135 | — | 3 | 41 | 169 | 194 | 46 | 38 | 144 | 1,800 | 1,902 |
| **Mountain** | 15 | 48 | 105 | 2,490 | 2,768 | 4 | 10 | 34 | 573 | 534 | 4 | 15 | 32 | 713 | 1,060 |
| Arizona | 2 | 18 | 42 | 861 | 978 | 1 | 1 | 9 | 78 | 64 | 3 | 8 | 19 | 396 | 763 |
| Colorado | 9 | 10 | 24 | 529 | 570 | — | 3 | 21 | 208 | 160 | 1 | 2 | 6 | 91 | 90 |
| Idaho§ | 4 | 3 | 9 | 148 | 159 | 3 | 1 | 7 | 94 | 88 | — | 0 | 3 | 23 | 8 |
| Montana§ | — | 2 | 7 | 81 | 101 | — | 1 | 5 | 39 | 34 | — | 0 | 1 | 6 | 11 |
| Nevada§ | — | 4 | 22 | 266 | 233 | — | 0 | 5 | 28 | 34 | — | 1 | 6 | 44 | 66 |
| New Mexico§ | — | 5 | 16 | 288 | 339 | — | 1 | 5 | 35 | 34 | — | 2 | 9 | 114 | 100 |
| Utah | — | 5 | 17 | 278 | 298 | — | 1 | 7 | 76 | 106 | — | 1 | 4 | 39 | 18 |
| Wyoming§ | — | 1 | 5 | 39 | 90 | — | 0 | 2 | 15 | 14 | — | 0 | 0 | — | 4 |
| **Pacific** | 85 | 124 | 299 | 5,733 | 5,746 | 16 | 10 | 46 | 581 | 514 | 25 | 21 | 64 | 1,040 | 1,124 |
| Alaska | — | 1 | 5 | 75 | 63 | — | 0 | 1 | 2 | 1 | — | 0 | 2 | 1 | 2 |
| California | 52 | 89 | 227 | 4,339 | 4,292 | 15 | 6 | 35 | 266 | 237 | 23 | 16 | 51 | 863 | 902 |
| Hawaii | 2 | 4 | 14 | 197 | 302 | — | 0 | 4 | 18 | 11 | — | 0 | 3 | 19 | 38 |
| Oregon | — | 8 | 48 | 459 | 396 | — | 2 | 9 | 100 | 77 | — | 1 | 4 | 55 | 49 |
| Washington | 31 | 15 | 61 | 663 | 693 | 1 | 3 | 19 | 195 | 188 | 2 | 2 | 20 | 102 | 133 |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 1 | 2 | — | — | 0 | 0 | — | — | — | 1 | 1 | 4 | 3 |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 2 | 7 | 11 | — | 0 | 0 | — | — | — | 0 | 1 | 1 | 13 |
| Puerto Rico | — | 11 | 39 | 456 | 502 | — | 0 | 0 | — | — | — | 0 | 1 | 4 | 13 |
| 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 reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Includes *E. coli* O157:H7; Shiga toxin-positive, serogroup non-O157; and Shiga toxin-positive, not serogrouped.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Spotted Fever Rickettsiosis (including RMSF)† | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Confirmed | | | | | Probable | | | | |
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | |
| **United States** | 1 | 2 | 12 | 150 | 141 | 30 | 19 | 421 | 1,412 | 1,212 |
| **New England** | — | 0 | 0 | — | 2 | — | 0 | 1 | 3 | 10 |
| Connecticut | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Maine§ | — | 0 | 0 | — | — | — | 0 | 1 | 2 | 5 |
| Massachusetts | — | 0 | 0 | — | 1 | — | 0 | 1 | — | 5 |
| New Hampshire | — | 0 | 0 | — | — | — | 0 | 1 | 1 | — |
| Rhode Island§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Vermont§ | — | 0 | 0 | — | 1 | — | 0 | 0 | — | — |
| **Mid. Atlantic** | — | 0 | 2 | 16 | 12 | — | 1 | 4 | 57 | 92 |
| New Jersey | — | 0 | 0 | — | 2 | — | 0 | 2 | — | 58 |
| New York (Upstate) | — | 0 | 1 | 2 | — | — | 0 | 3 | 17 | 14 |
| New York City | — | 0 | 1 | 1 | 1 | — | 0 | 4 | 27 | 7 |
| Pennsylvania | — | 0 | 2 | 13 | 9 | — | 0 | 1 | 13 | 13 |
| **E.N. Central** | — | 0 | 1 | 4 | 9 | — | 1 | 9 | 91 | 81 |
| Illinois | — | 0 | 1 | 2 | 1 | — | 0 | 5 | 33 | 48 |
| Indiana | — | 0 | 1 | 2 | 3 | — | 0 | 5 | 43 | 10 |
| Michigan | — | 0 | 0 | — | 4 | — | 0 | 1 | 1 | 1 |
| Ohio | — | 0 | 0 | — | — | — | 0 | 2 | 13 | 18 |
| Wisconsin | — | 0 | 0 | — | 1 | — | 0 | 1 | 1 | 4 |
| **W.N. Central** | — | 0 | 4 | 17 | 18 | — | 4 | 21 | 301 | 250 |
| Iowa | — | 0 | 0 | — | 1 | — | 0 | 1 | 4 | 4 |
| Kansas | — | 0 | 1 | 2 | 1 | — | 0 | 0 | — | — |
| Minnesota | — | 0 | 1 | — | 1 | — | 0 | 1 | — | 1 |
| Missouri | — | 0 | 4 | 13 | 7 | — | 4 | 20 | 293 | 241 |
| Nebraska§ | — | 0 | 1 | 2 | 8 | — | 0 | 1 | 3 | 4 |
| North Dakota | — | 0 | 0 | — | — | — | 0 | 1 | 1 | — |
| South Dakota | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **S. Atlantic** | 1 | 1 | 9 | 78 | 65 | 12 | 7 | 60 | 482 | 368 |
| Delaware | — | 0 | 1 | 1 | — | — | 0 | 3 | 19 | 17 |
| District of Columbia | — | 0 | 1 | 1 | — | — | 0 | 1 | — | — |
| Florida | 1 | 0 | 1 | 4 | — | 1 | 0 | 2 | 11 | 7 |
| Georgia | — | 0 | 6 | 53 | 51 | — | 0 | 0 | — | — |
| Maryland§ | — | 0 | 1 | 3 | 3 | 1 | 1 | 4 | 52 | 36 |
| North Carolina | — | 0 | 3 | 11 | 7 | 7 | 1 | 48 | 251 | 241 |
| South Carolina§ | — | 0 | 1 | 1 | 3 | — | 0 | 2 | 18 | 15 |
| Virginia§ | — | 0 | 2 | 4 | 1 | 3 | 2 | 12 | 131 | 50 |
| West Virginia | — | 0 | 0 | — | — | — | 0 | 0 | — | 2 |
| **E.S. Central** | — | 0 | 3 | 19 | 9 | 2 | 5 | 29 | 370 | 252 |
| Alabama§ | — | 0 | 1 | 5 | 3 | — | 1 | 8 | 73 | 61 |
| Kentucky | — | 0 | 2 | 6 | 1 | — | 0 | 0 | — | — |
| Mississippi | — | 0 | 0 | — | — | — | 0 | 2 | 12 | 9 |
| Tennessee§ | — | 0 | 2 | 8 | 5 | 2 | 4 | 20 | 285 | 182 |
| **W.S. Central** | — | 0 | 3 | 6 | 9 | 16 | 1 | 408 | 96 | 135 |
| Arkansas§ | — | 0 | 2 | 2 | — | 13 | 0 | 110 | 50 | 68 |
| Louisiana | — | 0 | 0 | — | — | — | 0 | 1 | 2 | 2 |
| Oklahoma | — | 0 | 3 | 3 | 7 | 3 | 0 | 287 | 25 | 46 |
| Texas§ | — | 0 | 1 | 1 | 2 | — | 0 | 11 | 19 | 19 |
| **Mountain** | — | 0 | 1 | 2 | 16 | — | 0 | 2 | 12 | 24 |
| Arizona | — | 0 | 1 | — | 10 | — | 0 | 1 | 2 | 12 |
| Colorado | — | 0 | 0 | — | 1 | — | 0 | 1 | 1 | — |
| Idaho§ | — | 0 | 0 | — | — | — | 0 | 1 | 5 | 1 |
| Montana§ | — | 0 | 1 | 2 | 4 | — | 0 | 1 | 1 | 6 |
| Nevada§ | — | 0 | 0 | — | — | — | 0 | 0 | — | 1 |
| New Mexico§ | — | 0 | 0 | — | — | — | 0 | 1 | 1 | 1 |
| Utah | — | 0 | 0 | — | — | — | 0 | 1 | 1 | 1 |
| Wyoming§ | — | 0 | 0 | — | 1 | — | 0 | 1 | 1 | 2 |
| **Pacific** | — | 0 | 2 | 8 | 1 | — | 0 | 0 | — | — |
| Alaska | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| California | — | 0 | 2 | 7 | 1 | — | 0 | 0 | — | — |
| Hawaii | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| Oregon | — | 0 | 1 | 1 | — | — | 0 | 0 | — | — |
| Washington | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **Territories** | | | | | | | | | | |
| American Samoa | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — |
| Guam | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| Puerto Rico | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Illnesses with similar clinical presentation that result from Spotted fever group rickettsia infections are reported as Spotted fever rickettsioses. Rocky Mountain spotted fever (RMSF) caused by *Rickettsia rickettsii*, is the most common and well-known spotted fever.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | *Streptococcus pneumoniae*,† invasive disease | | | | | | | | | | Syphilis, primary and secondary | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All ages | | | | | Age <5 | | | | | | | | | |
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 207 | 224 | 495 | 12,349 | 2,603 | 20 | 45 | 156 | 1,906 | 2,106 | 53 | 242 | 413 | 10,871 | 12,475 |
| **New England** | 4 | 9 | 99 | 650 | 46 | 1 | 1 | 24 | 87 | 69 | 6 | 9 | 22 | 408 | 288 |
| Connecticut | — | 0 | 91 | 288 | — | — | 0 | 22 | 27 | — | — | 1 | 10 | 81 | 51 |
| Maine§ | 2 | 2 | 6 | 107 | 16 | 1 | 0 | 1 | 9 | 8 | — | 0 | 3 | 23 | 3 |
| Massachusetts | — | 1 | 5 | 58 | 3 | — | 1 | 4 | 40 | 42 | 2 | 5 | 15 | 245 | 207 |
| New Hampshire | — | 0 | 7 | 59 | — | — | 0 | 1 | 3 | 11 | — | 0 | 2 | 22 | 13 |
| Rhode Island§ | — | 0 | 36 | 69 | 15 | — | 0 | 3 | 3 | 4 | 4 | 0 | 4 | 35 | 14 |
| Vermont§ | 2 | 1 | 6 | 69 | 12 | — | 0 | 1 | 5 | 4 | — | 0 | 2 | 2 | — |
| **Mid. Atlantic** | 7 | 24 | 56 | 1,182 | 180 | 1 | 7 | 48 | 315 | 268 | 9 | 33 | 45 | 1,495 | 1,581 |
| New Jersey | — | 1 | 8 | 91 | — | — | 1 | 5 | 48 | 55 | — | 4 | 12 | 203 | 205 |
| New York (Upstate) | — | 3 | 12 | 137 | 75 | — | 2 | 19 | 99 | 120 | 3 | 2 | 11 | 118 | 106 |
| New York City | 1 | 8 | 31 | 517 | 15 | 1 | 2 | 24 | 115 | 78 | — | 19 | 31 | 838 | 958 |
| Pennsylvania | 6 | 8 | 22 | 437 | 90 | — | 1 | 5 | 53 | 15 | 6 | 7 | 16 | 336 | 312 |
| **E.N. Central** | 39 | 47 | 98 | 2,502 | 586 | — | 7 | 18 | 315 | 355 | 1 | 26 | 47 | 1,163 | 1,387 |
| Illinois | — | 1 | 7 | 88 | — | — | 2 | 5 | 81 | 62 | — | 8 | 24 | 378 | 674 |
| Indiana | — | 7 | 24 | 452 | 220 | — | 1 | 6 | 39 | 71 | — | 3 | 14 | 152 | 139 |
| Michigan | 5 | 11 | 27 | 603 | 25 | — | 2 | 6 | 73 | 67 | — | 4 | 12 | 187 | 213 |
| Ohio | 28 | 19 | 49 | 1,047 | 341 | — | 2 | 6 | 89 | 117 | 1 | 9 | 18 | 408 | 320 |
| Wisconsin | 6 | 6 | 22 | 312 | — | — | 0 | 4 | 33 | 38 | — | 1 | 3 | 38 | 41 |
| **W.N. Central** | 11 | 8 | 182 | 655 | 163 | 3 | 2 | 12 | 118 | 165 | 2 | 6 | 19 | 300 | 278 |
| Iowa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 3 | 16 | 21 |
| Kansas | — | 1 | 7 | 80 | 52 | — | 0 | 2 | 13 | 18 | — | 0 | 3 | 18 | 29 |
| Minnesota | — | 0 | 179 | 287 | 41 | — | 0 | 10 | 44 | 78 | — | 2 | 9 | 114 | 64 |
| Missouri | 6 | 2 | 10 | 103 | 59 | 2 | 1 | 3 | 37 | 42 | 2 | 3 | 10 | 142 | 155 |
| Nebraska§ | 5 | 2 | 7 | 114 | 2 | 1 | 0 | 2 | 14 | 12 | — | 0 | 1 | 6 | 5 |
| North Dakota | — | 0 | 11 | 55 | 7 | — | 0 | 1 | 2 | 5 | — | 0 | 0 | — | 4 |
| South Dakota | — | 0 | 3 | 16 | 2 | — | 0 | 2 | 8 | 10 | — | 0 | 1 | 4 | — |
| **S. Atlantic** | 60 | 50 | 144 | 2,835 | 1,177 | 6 | 9 | 28 | 470 | 505 | 16 | 57 | 218 | 2,671 | 3,007 |
| Delaware | — | 0 | 3 | 34 | 18 | — | 0 | 0 | — | 3 | — | 0 | 1 | 4 | 27 |
| District of Columbia | — | 0 | 4 | 24 | 19 | — | 0 | 2 | 7 | 5 | 1 | 2 | 21 | 145 | 158 |
| Florida | 26 | 22 | 89 | 1,276 | 679 | 1 | 3 | 18 | 172 | 174 | 1 | 20 | 44 | 959 | 927 |
| Georgia | 12 | 10 | 28 | 483 | 364 | 3 | 3 | 12 | 132 | 146 | 4 | 13 | 167 | 584 | 724 |
| Maryland§ | 18 | 7 | 31 | 446 | 4 | 2 | 1 | 6 | 48 | 71 | 4 | 6 | 14 | 276 | 274 |
| North Carolina | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 7 | 31 | 307 | 512 |
| South Carolina§ | 1 | 6 | 25 | 419 | — | — | 1 | 4 | 45 | 45 | — | 2 | 7 | 129 | 111 |
| Virginia§ | — | 1 | 4 | 49 | — | — | 1 | 4 | 47 | 42 | 6 | 4 | 22 | 262 | 270 |
| West Virginia | 3 | 2 | 21 | 104 | 93 | — | 0 | 4 | 19 | 19 | — | 0 | 2 | 5 | 4 |
| **E.S. Central** | 20 | 21 | 50 | 1,100 | 238 | 1 | 2 | 8 | 109 | 133 | 1 | 17 | 39 | 799 | 1,025 |
| Alabama§ | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 5 | 11 | 212 | 393 |
| Kentucky | — | 3 | 16 | 165 | 69 | — | 0 | 2 | 13 | 8 | — | 2 | 13 | 117 | 62 |
| Mississippi | — | 1 | 6 | 48 | 48 | — | 0 | 2 | 10 | 24 | — | 4 | 17 | 193 | 192 |
| Tennessee§ | 20 | 17 | 44 | 887 | 121 | 1 | 2 | 7 | 86 | 101 | 1 | 6 | 17 | 277 | 378 |
| **W.S. Central** | 40 | 26 | 91 | 1,601 | 107 | 3 | 5 | 41 | 252 | 314 | 5 | 38 | 62 | 1,662 | 2,513 |
| Arkansas§ | — | 3 | 9 | 147 | 50 | — | 0 | 3 | 16 | 39 | 4 | 3 | 13 | 159 | 251 |
| Louisiana | — | 2 | 8 | 83 | 57 | — | 0 | 3 | 22 | 28 | — | 7 | 27 | 366 | 692 |
| Oklahoma | 2 | 1 | 5 | 42 | — | 2 | 1 | 5 | 42 | 52 | 1 | 2 | 7 | 75 | 83 |
| Texas§ | 38 | 22 | 83 | 1,329 | — | 1 | 3 | 34 | 172 | 195 | — | 25 | 35 | 1,062 | 1,487 |
| **Mountain** | 24 | 28 | 82 | 1,567 | 103 | 5 | 4 | 12 | 209 | 268 | 1 | 9 | 23 | 430 | 476 |
| Arizona | 11 | 10 | 51 | 686 | — | 2 | 2 | 7 | 87 | 109 | — | 3 | 7 | 124 | 213 |
| Colorado | 10 | 9 | 20 | 488 | — | 2 | 1 | 4 | 61 | 45 | — | 3 | 8 | 118 | 87 |
| Idaho§ | — | 0 | 2 | 15 | — | — | 0 | 2 | 9 | 8 | — | 0 | 1 | 2 | 3 |
| Montana§ | 1 | 0 | 2 | 20 | — | 1 | 0 | 1 | 3 | — | — | 0 | 2 | 3 | 3 |
| Nevada§ | — | 1 | 4 | 71 | 36 | — | 0 | 1 | 5 | 7 | — | 1 | 9 | 104 | 86 |
| New Mexico§ | 2 | 2 | 9 | 134 | — | — | 0 | 4 | 16 | 34 | 1 | 1 | 4 | 43 | 54 |
| Utah | — | 2 | 9 | 142 | 56 | — | 0 | 3 | 25 | 63 | — | 1 | 4 | 36 | 27 |
| Wyoming§ | — | 0 | 1 | 11 | 11 | — | 0 | 1 | 3 | 2 | — | 0 | 0 | — | 3 |
| **Pacific** | 2 | 5 | 14 | 257 | 3 | — | 0 | 7 | 31 | 29 | 12 | 42 | 61 | 1,943 | 1,920 |
| Alaska | 1 | 2 | 9 | 100 | — | — | 0 | 5 | 19 | 19 | — | 0 | 1 | 1 | — |
| California | 1 | 3 | 12 | 157 | — | — | 0 | 2 | 12 | — | 8 | 35 | 54 | 1,669 | 1,710 |
| Hawaii | — | 0 | 0 | — | 3 | — | 0 | 0 | — | 10 | — | 0 | 3 | 28 | 33 |
| Oregon | — | 0 | 0 | — | — | — | 0 | 0 | — | — | 1 | 1 | 7 | 57 | 48 |
| Washington | — | 0 | 0 | — | — | — | 0 | 0 | — | — | 3 | 4 | 11 | 188 | 129 |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | — | 0 | 0 | — | — | — | 0 | 0 | — | — | 4 | 3 | 15 | 200 | 196 |
| 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 reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Includes drug resistant and susceptible cases of invasive *Streptococcus pneumoniae* disease among children <5 years and among all ages. Case definition: Isolation of *S. pneumoniae* from a normally sterile body site (e.g., blood or cerebrospinal fluid).
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

**TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 20, 2010, and November 21, 2009 (46th week)***

| Reporting area | Varicella (chickenpox)§ | | | | | West Nile virus disease† | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Neuroinvasive | | | | | Nonneuroinvasive¶ | | | | |
| | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 | Current week | Previous 52 weeks | | Cum 2010 | Cum 2009 |
| | | Med | Max | | | | Med | Max | | | | Med | Max | | |
| **United States** | 173 | 282 | 549 | 12,586 | 18,614 | — | 0 | 70 | 585 | 384 | — | 0 | 52 | 372 | 334 |
| **New England** | 3 | 15 | 36 | 637 | 985 | — | 0 | 3 | 13 | — | — | 0 | 1 | 2 | — |
| Connecticut | — | 6 | 20 | 256 | 449 | — | 0 | 2 | 6 | — | — | 0 | 1 | 1 | — |
| Maine§ | — | 3 | 15 | 195 | 216 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Massachusetts | — | 0 | 1 | 2 | 4 | — | 0 | 2 | 6 | — | — | 0 | 1 | 1 | — |
| New Hampshire | — | 2 | 8 | 114 | 185 | — | 0 | 1 | 1 | — | — | 0 | 0 | — | — |
| Rhode Island§ | — | 1 | 12 | 32 | 38 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Vermont§ | 3 | 0 | 10 | 38 | 93 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **Mid. Atlantic** | 16 | 31 | 62 | 1,414 | 1,864 | — | 0 | 19 | 125 | 9 | — | 0 | 13 | 62 | 1 |
| New Jersey | — | 8 | 30 | 463 | 413 | — | 0 | 3 | 15 | 3 | — | 0 | 6 | 15 | — |
| New York (Upstate) | N | 0 | 0 | N | N | — | 0 | 9 | 57 | 3 | — | 0 | 7 | 30 | 1 |
| New York City | — | 0 | 0 | — | — | — | 0 | 7 | 32 | 3 | — | 0 | 4 | 8 | — |
| Pennsylvania | 16 | 22 | 39 | 951 | 1,451 | — | 0 | 3 | 21 | — | — | 0 | 3 | 9 | — |
| **E.N. Central** | 65 | 100 | 176 | 4,250 | 5,883 | — | 0 | 14 | 73 | 9 | — | 0 | 6 | 28 | 4 |
| Illinois | 6 | 23 | 45 | 1,074 | 1,456 | — | 0 | 10 | 41 | 5 | — | 0 | 4 | 15 | — |
| Indiana§ | 2 | 6 | 35 | 367 | 408 | — | 0 | 1 | 4 | 2 | — | 0 | 2 | 6 | 2 |
| Michigan | 23 | 31 | 62 | 1,274 | 1,725 | — | 0 | 6 | 25 | 1 | — | 0 | 1 | 4 | — |
| Ohio | 32 | 29 | 56 | 1,217 | 1,758 | — | 0 | 1 | 3 | — | — | 0 | 1 | 1 | 2 |
| Wisconsin | 2 | 7 | 22 | 318 | 536 | — | 0 | 0 | — | 1 | — | 0 | 1 | 2 | — |
| **W.N. Central** | 15 | 16 | 40 | 725 | 1,156 | — | 0 | 7 | 28 | 26 | — | 0 | 11 | 68 | 75 |
| Iowa | N | 0 | 0 | N | N | — | 0 | 1 | 2 | — | — | 0 | 2 | 4 | 5 |
| Kansas§ | — | 4 | 22 | 231 | 504 | — | 0 | 1 | 3 | 4 | — | 0 | 2 | 10 | 9 |
| Minnesota | — | 0 | 0 | — | — | — | 0 | 1 | 4 | 1 | — | 0 | 3 | 4 | 3 |
| Missouri | 15 | 7 | 23 | 413 | 543 | — | 0 | 1 | 3 | 4 | — | 0 | 0 | — | 1 |
| Nebraska§ | N | 0 | 0 | N | N | — | 0 | 3 | 10 | 11 | — | 0 | 7 | 27 | 41 |
| North Dakota | — | 0 | 26 | 37 | 57 | — | 0 | 2 | 2 | — | — | 0 | 2 | 7 | 1 |
| South Dakota | — | 0 | 7 | 44 | 52 | — | 0 | 2 | 4 | 6 | — | 0 | 3 | 16 | 15 |
| **S. Atlantic** | 31 | 34 | 100 | 1,909 | 2,357 | — | 0 | 4 | 32 | 16 | — | 0 | 4 | 20 | 2 |
| Delaware§ | — | 0 | 3 | 22 | 12 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| District of Columbia | — | 0 | 4 | 17 | 30 | — | 0 | 1 | 1 | 2 | — | 0 | 1 | 1 | — |
| Florida§ | 16 | 15 | 57 | 907 | 1,059 | — | 0 | 2 | 8 | 2 | — | 0 | 1 | 3 | 1 |
| Georgia | N | 0 | 0 | N | N | — | 0 | 1 | 4 | 4 | — | 0 | 3 | 8 | — |
| Maryland§ | N | 0 | 0 | N | N | — | 0 | 3 | 16 | — | — | 0 | 2 | 7 | 1 |
| North Carolina | N | 0 | 0 | N | N | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| South Carolina§ | — | 0 | 35 | 75 | 113 | — | 0 | 1 | 1 | 3 | — | 0 | 0 | — | — |
| Virginia§ | 7 | 11 | 34 | 478 | 678 | — | 0 | 1 | 2 | 5 | — | 0 | 1 | 1 | — |
| West Virginia | 8 | 8 | 26 | 410 | 465 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| **E.S. Central** | 7 | 5 | 22 | 268 | 514 | — | 0 | 1 | 8 | 36 | — | 0 | 3 | 10 | 27 |
| Alabama§ | 7 | 5 | 22 | 261 | 509 | — | 0 | 1 | 1 | — | — | 0 | 1 | 2 | — |
| Kentucky | N | 0 | 0 | N | N | — | 0 | 1 | 2 | 3 | — | 0 | 1 | 1 | — |
| Mississippi | — | 0 | 2 | 7 | 5 | — | 0 | 1 | 3 | 29 | — | 0 | 2 | 5 | 22 |
| Tennessee§ | N | 0 | 0 | N | N | — | 0 | 1 | 2 | 4 | — | 0 | 2 | 2 | 5 |
| **W.S. Central** | 28 | 46 | 285 | 2,431 | 4,511 | — | 0 | 15 | 97 | 117 | — | 0 | 3 | 17 | 35 |
| Arkansas§ | — | 2 | 32 | 129 | 458 | — | 0 | 3 | 6 | 6 | — | 0 | 1 | 1 | — |
| Louisiana | — | 1 | 5 | 40 | 124 | — | 0 | 3 | 14 | 10 | — | 0 | 1 | 6 | 11 |
| Oklahoma | N | 0 | 0 | N | N | — | 0 | 0 | — | 8 | — | 0 | 0 | — | 2 |
| Texas§ | 28 | 41 | 272 | 2,262 | 3,929 | — | 0 | 15 | 77 | 93 | — | 0 | 2 | 10 | 22 |
| **Mountain** | 8 | 20 | 36 | 903 | 1,251 | — | 0 | 18 | 148 | 77 | — | 0 | 15 | 128 | 123 |
| Arizona | — | 0 | 0 | — | — | — | 0 | 13 | 100 | 12 | — | 0 | 9 | 59 | 8 |
| Colorado§ | 8 | 8 | 18 | 369 | 484 | — | 0 | 5 | 26 | 36 | — | 0 | 11 | 55 | 67 |
| Idaho§ | N | 0 | 0 | N | N | — | 0 | 0 | — | 9 | — | 0 | 1 | 3 | 29 |
| Montana§ | — | 3 | 17 | 177 | 153 | — | 0 | 0 | — | 2 | — | 0 | 0 | — | 3 |
| Nevada§ | N | 0 | 0 | N | N | — | 0 | 0 | — | 7 | — | 0 | 1 | 2 | 5 |
| New Mexico§ | — | 2 | 8 | 91 | 112 | — | 0 | 5 | 19 | 6 | — | 0 | 2 | 4 | 2 |
| Utah | — | 5 | 17 | 252 | 502 | — | 0 | 1 | 1 | 1 | — | 0 | 1 | 1 | 1 |
| Wyoming§ | — | 0 | 3 | 14 | — | — | 0 | 1 | 2 | 4 | — | 0 | 1 | 4 | 8 |
| **Pacific** | — | 1 | 5 | 49 | 93 | — | 0 | 7 | 61 | 94 | — | 0 | 5 | 37 | 67 |
| Alaska | — | 0 | 5 | 37 | 55 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| California | — | 0 | 0 | — | — | — | 0 | 7 | 61 | 67 | — | 0 | 5 | 36 | 45 |
| Hawaii | — | 0 | 2 | 12 | 38 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Oregon | N | 0 | 0 | N | N | — | 0 | 0 | — | 1 | — | 0 | 0 | — | 10 |
| Washington | N | 0 | 0 | N | N | — | 0 | 0 | — | 26 | — | 0 | 1 | 1 | 12 |
| **Territories** | | | | | | | | | | | | | | | |
| American Samoa | N | 0 | 0 | N | N | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| C.N.M.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | 0 | 2 | 15 | 28 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| Puerto Rico | — | 9 | 30 | 501 | 485 | — | 0 | 0 | — | — | — | 0 | 0 | — | — |
| U.S. Virgin Islands | — | 0 | 0 | — | — | — | 0 | 0 | — | — | — | 0 | 0 | — | — |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.
† Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for California serogroup, eastern equine, Powassan, St. Louis, and western equine diseases are available in Table I.
§ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).
¶ Not reportable in all states. Data from states where the condition is not reportable are excluded from this table, except starting in 2007 for the domestic arboviral diseases and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/ncphi/disss/nndss/phs/infdis.htm.

**TABLE III. Deaths in 122 U.S. cities,* week ending November 20, 2010 (46th week)**

| Reporting area | All causes, by age (years) | | | | | | P&I† Total |
|---|---|---|---|---|---|---|---|
| | All Ages | ≥65 | 45–64 | 25–44 | 1–24 | <1 | |
| **New England** | 577 | 394 | 120 | 32 | 12 | 19 | 46 |
| Boston, MA | 142 | 91 | 32 | 11 | 5 | 3 | 14 |
| Bridgeport, CT | 27 | 23 | 4 | — | — | — | 3 |
| Cambridge, MA | 22 | 15 | 5 | 1 | — | 1 | 1 |
| Fall River, MA | 21 | 16 | 4 | — | 1 | — | 2 |
| Hartford, CT | 43 | 31 | 7 | 4 | 1 | — | 4 |
| Lowell, MA | 19 | 16 | 3 | — | — | — | 3 |
| Lynn, MA | 6 | 5 | 1 | — | — | — | — |
| New Bedford, MA | 35 | 27 | 6 | 2 | — | — | — |
| New Haven, CT | 42 | 30 | 5 | 2 | 2 | 3 | 5 |
| Providence, RI | 72 | 53 | 15 | — | 1 | 3 | 3 |
| Somerville, MA | 3 | 1 | 2 | — | — | — | — |
| Springfield, MA | 49 | 26 | 14 | 4 | 1 | 4 | 1 |
| Waterbury, CT | 33 | 19 | 9 | 4 | — | 1 | 2 |
| Worcester, MA | 63 | 41 | 13 | 4 | 1 | 4 | 8 |
| **Mid. Atlantic** | 1,891 | 1,330 | 406 | 104 | 31 | 20 | 96 |
| Albany, NY | 45 | 34 | 9 | 1 | 1 | — | 1 |
| Allentown, PA | 28 | 21 | 4 | 2 | 1 | — | — |
| Buffalo, NY | 82 | 59 | 17 | 5 | — | 1 | 6 |
| Camden, NJ | 20 | 15 | 2 | 2 | 1 | — | 2 |
| Elizabeth, NJ | 19 | 9 | 8 | 2 | — | — | 1 |
| Erie, PA | 47 | 32 | 11 | 4 | — | — | 3 |
| Jersey City, NJ | 24 | 14 | 7 | 3 | — | — | 2 |
| New York City, NY | 1,037 | 737 | 223 | 49 | 17 | 11 | 52 |
| Newark, NJ | 29 | 5 | 4 | 15 | 4 | 1 | 2 |
| Paterson, NJ | 15 | 7 | 6 | 2 | — | — | 1 |
| Philadelphia, PA | 200 | 126 | 57 | 8 | 4 | 5 | 8 |
| Pittsburgh, PA§ | 33 | 25 | 5 | 3 | — | — | 1 |
| Reading, PA | 36 | 30 | 4 | 2 | — | — | 4 |
| Rochester, NY | 89 | 67 | 18 | 1 | 1 | 2 | 6 |
| Schenectady, NY | 25 | 22 | 2 | 1 | — | — | 1 |
| Scranton, PA | 28 | 19 | 8 | 1 | — | — | 2 |
| Syracuse, NY | 73 | 62 | 9 | 2 | — | — | 3 |
| Trenton, NJ | 27 | 19 | 6 | 1 | 1 | — | — |
| Utica, NY | 15 | 13 | 1 | — | 1 | — | — |
| Yonkers, NY | 19 | 14 | 5 | — | — | — | 1 |
| **E.N. Central** | 2,111 | 1,414 | 486 | 128 | 37 | 46 | 130 |
| Akron, OH | 39 | 29 | 6 | 2 | 1 | 1 | 6 |
| Canton, OH | 46 | 31 | 11 | 4 | — | — | 1 |
| Chicago, IL | 222 | 139 | 71 | 9 | 3 | — | 19 |
| Cincinnati, OH | 106 | 54 | 24 | 13 | 6 | 9 | 3 |
| Cleveland, OH | 263 | 186 | 59 | 9 | — | 9 | 13 |
| Columbus, OH | 237 | 156 | 56 | 19 | 2 | 4 | 10 |
| Dayton, OH | 138 | 99 | 29 | 7 | 1 | 2 | 7 |
| Detroit, MI | 158 | 88 | 56 | 8 | 4 | 2 | 7 |
| Evansville, IN | 45 | 32 | 11 | 2 | — | — | 6 |
| Fort Wayne, IN | 82 | 55 | 18 | 5 | 2 | 2 | 2 |
| Gary, IN | 23 | 12 | 4 | 7 | — | — | — |
| Grand Rapids, MI | 63 | 49 | 8 | 2 | 3 | 1 | 4 |
| Indianapolis, IN | 193 | 127 | 41 | 16 | 3 | 6 | 20 |
| Lansing, MI | 41 | 30 | 7 | 2 | 2 | — | 3 |
| Milwaukee, WI | 95 | 63 | 23 | 7 | 2 | — | 6 |
| Peoria, IL | 51 | 36 | 6 | 6 | 1 | 2 | 4 |
| Rockford, IL | 56 | 41 | 8 | 1 | 4 | 2 | 5 |
| South Bend, IN | 65 | 47 | 11 | 5 | — | 2 | 4 |
| Toledo, OH | 126 | 88 | 29 | 3 | 3 | 3 | 4 |
| Youngstown, OH | 62 | 52 | 8 | 1 | — | 1 | 6 |
| **W.N. Central** | 657 | 419 | 156 | 40 | 18 | 23 | 45 |
| Des Moines, IA | 37 | 20 | 11 | 2 | 1 | 3 | 1 |
| Duluth, MN | 40 | 29 | 8 | 1 | 1 | 1 | 3 |
| Kansas City, KS | U | U | U | U | U | U | U |
| Kansas City, MO | 96 | 65 | 23 | 3 | 3 | 2 | 10 |
| Lincoln, NE | 55 | 49 | 5 | 1 | — | — | 5 |
| Minneapolis, MN | 71 | 44 | 21 | 4 | 1 | 1 | 6 |
| Omaha, NE | 94 | 64 | 19 | 6 | 3 | 2 | 6 |
| St. Louis, MO | 205 | 112 | 58 | 16 | 8 | 10 | 12 |
| St. Paul, MN | 59 | 36 | 11 | 7 | 1 | 4 | 2 |
| Wichita, KS | U | U | U | U | U | U | U |
| **S. Atlantic** | 1,129 | 706 | 296 | 87 | 24 | 14 | 69 |
| Atlanta, GA | 135 | 78 | 35 | 12 | 6 | 2 | 7 |
| Baltimore, MD | 133 | 74 | 42 | 6 | 5 | 6 | 12 |
| Charlotte, NC | 128 | 79 | 35 | 9 | 4 | 1 | 7 |
| Jacksonville, FL | 158 | 93 | 48 | 13 | 2 | 2 | 9 |
| Miami, FL | 34 | 23 | 9 | 2 | — | — | 1 |
| Norfolk, VA | 39 | 27 | 10 | 1 | — | 1 | 1 |
| Richmond, VA | 59 | 38 | 14 | 7 | — | — | 3 |
| Savannah, GA | 48 | 37 | 8 | 1 | — | 2 | 3 |
| St. Petersburg, FL | 53 | 37 | 8 | 8 | — | — | 4 |
| Tampa, FL | 205 | 134 | 51 | 17 | 3 | — | 13 |
| Washington, D.C. | 124 | 80 | 31 | 9 | 4 | — | 9 |
| Wilmington, DE | 13 | 6 | 5 | 2 | — | — | — |
| **E.S. Central** | 864 | 594 | 196 | 37 | 18 | 19 | 60 |
| Birmingham, AL | 164 | 103 | 44 | 5 | 6 | 6 | 8 |
| Chattanooga, TN | 75 | 56 | 16 | 2 | 1 | — | 3 |
| Knoxville, TN | 107 | 73 | 21 | 7 | 3 | 3 | 7 |
| Lexington, KY | 64 | 38 | 22 | 1 | 2 | 1 | 5 |
| Memphis, TN | 164 | 114 | 38 | 9 | 2 | 1 | 17 |
| Mobile, AL | 86 | 63 | 17 | 6 | — | — | 2 |
| Montgomery, AL | 32 | 25 | 6 | 1 | — | — | 7 |
| Nashville, TN | 172 | 122 | 32 | 6 | 4 | 8 | 11 |
| **W.S. Central** | 1,423 | 935 | 349 | 85 | 24 | 30 | 90 |
| Austin, TX | 113 | 82 | 26 | 3 | 2 | — | 4 |
| Baton Rouge, LA | U | U | U | U | U | U | U |
| Corpus Christi, TX | 59 | 38 | 16 | 3 | 1 | 1 | 8 |
| Dallas, TX | 189 | 118 | 50 | 8 | 3 | 10 | 15 |
| El Paso, TX | 101 | 70 | 22 | 8 | 1 | — | 2 |
| Fort Worth, TX | U | U | U | U | U | U | U |
| Houston, TX | 438 | 272 | 115 | 34 | 7 | 10 | 26 |
| Little Rock, AR | 48 | 27 | 17 | 2 | 1 | 1 | — |
| New Orleans, LA | U | U | U | U | U | U | U |
| San Antonio, TX | 247 | 178 | 44 | 13 | 7 | 5 | 25 |
| Shreveport, LA | 54 | 40 | 9 | 4 | — | 1 | 1 |
| Tulsa, OK | 174 | 110 | 50 | 10 | 2 | 2 | 9 |
| **Mountain** | 1,091 | 718 | 261 | 63 | 25 | 20 | 66 |
| Albuquerque, NM | 115 | 77 | 23 | 9 | 5 | 1 | 10 |
| Boise, ID | 59 | 45 | 13 | 1 | — | — | 3 |
| Colorado Springs, CO | 58 | 42 | 12 | 3 | — | 1 | 3 |
| Denver, CO | 89 | 53 | 25 | 5 | 2 | 4 | 7 |
| Las Vegas, NV | 259 | 174 | 60 | 12 | 7 | 6 | 10 |
| Ogden, UT | 33 | 24 | 6 | 2 | — | 1 | 1 |
| Phoenix, AZ | 194 | 116 | 52 | 14 | 6 | 4 | 10 |
| Pueblo, CO | 34 | 23 | 10 | — | 1 | — | — |
| Salt Lake City, UT | 140 | 92 | 33 | 10 | 3 | 2 | 11 |
| Tucson, AZ | 110 | 72 | 27 | 7 | 1 | 1 | 11 |
| **Pacific** | 1,604 | 1,123 | 352 | 83 | 27 | 19 | 129 |
| Berkeley, CA | 11 | 11 | — | — | — | — | 1 |
| Fresno, CA | 129 | 83 | 32 | 10 | 3 | 1 | 5 |
| Glendale, CA | 33 | 30 | 2 | 1 | — | — | 7 |
| Honolulu, HI | 63 | 50 | 10 | 2 | 1 | — | 11 |
| Long Beach, CA | 60 | 39 | 16 | 5 | — | — | 5 |
| Los Angeles, CA | 242 | 159 | 60 | 12 | 8 | 3 | 24 |
| Pasadena, CA | 23 | 14 | 7 | 1 | — | 1 | 2 |
| Portland, OR | 104 | 70 | 23 | 6 | 3 | 2 | 10 |
| Sacramento, CA | 225 | 155 | 53 | 8 | 6 | 3 | 19 |
| San Diego, CA | 38 | 30 | 5 | 1 | 1 | 1 | 2 |
| San Francisco, CA | 101 | 63 | 31 | 4 | — | 3 | 8 |
| San Jose, CA | 205 | 154 | 37 | 12 | 1 | 1 | 16 |
| Santa Cruz, CA | 31 | 23 | 5 | 2 | 1 | — | 2 |
| Seattle, WA | 144 | 100 | 31 | 9 | 1 | 3 | 5 |
| Spokane, WA | 70 | 51 | 11 | 5 | 2 | 1 | 4 |
| Tacoma, WA | 125 | 91 | 29 | 5 | — | — | 8 |
| **Total¶** | **11,347** | **7,633** | **2,622** | **659** | **216** | **210** | **731** |

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.

¶ Total includes unknown ages.

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Data presented by the Notifiable Disease Data Team and 122 Cities Mortality Data Team in the weekly *MMWR* are provisional, based on weekly reports to CDC by state health departments. Address all inquiries about the *MMWR* Series, including material to be considered for publication, to Editor, *MMWR* Series, Mailstop E-90, CDC, 1600 Clifton Rd., N.E., Atlanta, GA 30333 or to *mmwrq@cdc.gov.*



☆ U.S. Government Printing Office: 2011-723-011/21010 Region IV ISSN: 0149-2195