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## Asthma Prevalence and Control Characteristics by Race/Ethnicity — United States, 2002

During 1980-1999, asthma prevalence, morbidity, and mortality increased among U.S. adults. These annual rates were higher among certain racial/ethnic minority populations than among whites (1). In addition, racial/ethnic minority populations reported higher use of emergency departments (EDs) and doctors' offices for asthma treatment than whites (1). To assess asthma prevalence and asthma-control characteristics among racial/ethnic populations, CDC analyzed 2002 data from the Behavioral Risk Factor Surveillance System (BRFSS). This report summarizes the results of that analysis, which indicated that among the estimated 16 million (7.5%) U.S. adults with asthma, self-reported current asthma prevalence among racial/ethnic minority populations ranged from 3.1% to 14.5%, compared with 7.6% among whites. Comprehensive state-specific asthma surveillance data are necessary to identify disparities in asthma prevalence and asthmacontrol characteristics among racial/ethnic populations and to develop targeted public health interventions.

BRFSS is a state-based, random-digit-dialed telephone survey of the noninstitutionalized, civilian U.S. population aged ≥18 years. The survey collects information about modifiable risk factors for chronic diseases and other leading causes of death and is administered in English and Spanish. In 2002, two questions about asthma were used in the core survey by the 54 reporting areas (i.e., the 50 states, the District of Columbia [DC], Guam, Puerto Rico, and the U.S. Virgin Islands [USVI]). Lifetime asthma was defined as a "yes" response to the question, "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?" Current asthma was defined as a "yes" response to the same question and the question, "Do you still have asthma?" Weighted prevalence estimates and 95% confidence intervals (CIs) were calculated by using SUDAAN to account for the complex survey design.

In 2002, the median response rate for all 54 reporting areas was 58.3% (range: 42.2% [New Jersey]–82.6% [Minnesota]) (2). The overall prevalence of lifetime asthma for the 54 reporting areas was 11.9% (N = 247,646) (range: 8.6% [South Dakota]–19.6% [Puerto Rico]). Within the 50 states and DC, lifetime asthma prevalence was 11.8% (range: 8.6% [South Dakota]–14.5% [Montana]). The prevalence of current asthma in the 54 reporting areas was 7.6% (range: 4.7% [USVI]–11.5% [Puerto Rico]). Within the 50 states and DC, current asthma prevalence was 7.5% (range: 5.8% [South Carolina]–10.0% [Maine]) (Table 1).

Eight questions in the Adult Asthma History Module were used in 19 areas\* to examine the asthma-control characteristics among respondents with current asthma in eight racial/ethnic populations: 1) non-Hispanic whites, 2) non-Hispanic blacks, 3) non-Hispanic Asians, 4) non-Hispanic American Indians/Alaska Natives (AI/ANs), 5) non-Hispanic Native Hawaiians/Pacific Islanders (NH/PIs), 6) non-Hispanic persons reporting "other" race/ethnicity, 7) non-Hispanic persons reporting multiple races/ethnicities, and 8) Hispanics. Respondents with current asthma were asked to report the

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<sup>\*</sup>California, Delaware, District of Columbia, Idaho, Iowa, Louisiana, Massachusetts, Michigan, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Rhode Island, Texas, Utah, Wisconsin, and the U.S. Virgin Islands.

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Information Technology Specialists

## Division of Public Health Surveillance and Informatics

Notifiable Disease Morbidity and 122 Cities Mortality Data

Robert F. Fagan Deborah A. Adams Judith Allen Felicia J. Connor Lateka Dammond Rosaline Dhara Donna Edwards Patsy A. Hall Pearl C. Sharp 1) number of ED visits during the preceding 12 months, 2) number of doctors' office visits for urgent care during the preceding 12 months, 3) number of routine check-ups for asthma during the preceding 12 months, 4) presence of asthma attacks or episodes during the preceding 12 months, 5) presence of asthma symptoms during the preceding 30 days, 6) number of days with sleep disturbances during the preceding 30 days, 7) use of medication during the preceding 30 days, and 8) number of days with activity limitation during the preceding 12 months. Respondents who answered "yes" or provided a numeric response (other than zero) to any question were coded as "yes" to the question, and all other responses were coded as "no." Respondents who answered "don't know" or who refused to answer the question were excluded.

The overall current asthma prevalence in the 19 areas using the adult asthma module without race/ethnicity stratification was 7.3% (95% CI = 6.9%–7.6), compared with 7.6% for all 54 reporting areas. Current asthma prevalence in the 19 areas ranged from 4.7% (USVI) to 9.1% (DC). Current asthma was highest among non-Hispanic respondents of multiple races (15.6%), followed by non-Hispanic AI/ANs (11.6%), non-Hispanic blacks (9.3%), non-Hispanic whites (7.6%), non-Hispanic persons of "other" race/ethnicity (7.2%), Hispanics (5.0%), non-Hispanic Asians (2.9%), and non-Hispanic NH/PIs (1.3%) (Table 2). Hispanic respondents in Puerto Rico reported higher current asthma (11.6%) than Hispanic respondents in the 19 areas using the adult asthma module (5.0%) and Hispanic respondents in the 50 states and DC (5.5%).

Among respondents with current asthma, ED visits were reported with greater frequency by non-Hispanic black (37.2%) and Hispanic (26.0%) respondents and least frequently by non-Hispanic multiracial respondents (13.5%). Non-Hispanic white and non-Hispanic Asian respondents were the least likely to report doctors' office visits for urgent care (25.8% and 17.1%, respectively). These two racial/ethnic populations exhibited the most positive asthma-control profile, with moderate-to-low percentages of respondents reporting each of the negative indicators (i.e., ED visits, urgent care visits, symptoms, attacks, sleep disturbance, and activity limitation). Both racial/ethnic populations also reported a moderate-to-low frequency of routine doctors' visits for asthma care and medication use. Non-Hispanic black, AI/AN, multiracial, and Hispanic respondents all had less positive asthma profiles, with high percentages reporting three to five of the six negative indicators.

**Reported by:** L Rhodes, MPH, CM Bailey, MS, JE Moorman, MS, Div of Environmental Hazards and Health Effects, National Center for Environmental Health, CDC.

TABLE 1. Prevalence of lifetime\* and current<sup>†</sup> asthma among adults, by area — Behavioral Risk Factor Surveillance System, United States, 2002

|                      |               | etime astl | nma                    |                  | ırrent ast | hma                |
|----------------------|---------------|------------|------------------------|------------------|------------|--------------------|
| Area                 | No.§          | (%)        | (95% CI <sup>¶</sup> ) | No.              | (%)        | (95% CI)           |
| Alabama              | 3,087         | (11.0)     | (9.8–12.3)             | 3,083            | (7.2)      | (6.2-8.2)          |
| Alaska               | 2,690         | (11.6)     | (9.7–13.6)             | 2,681            | (7.4)      | (5.7–9.1)          |
| Arizona              | 3,223         | (13.9)     | (12.0–15.8)            | 3,217            | (9.0)      | (7.5-10.5)         |
| Arkansas             | 3,894         | (12.1)     | (10.8–13.3)            | 3,883            | (7.6)      | (6.5–8.6)          |
| California           | 4,210         | (12.7)     | (11.4-13.9)            | 4,207            | (6.4)      | (5.6-7.3)          |
| Colorado             | 4,050         | (12.1)     | (11.0–13.3)            | 4,039            | (7.7)      | (6.8–8.6)          |
| Connecticut          | 5,554         | (13.2)     | (12.1–14.3)            | 5,538            | (8.5)      | (7.6-9.4)          |
| Delaware             | 4,029         | (11.8)     | (10.4–13.3)            | 4,022            | (7.6)      | (6.5–8.8)          |
| District of Columbia | 2,405         | (14.2)     | (12.3–16.2)            | 2,389            | (9.1)      | (7.5-10.6)         |
| Florida              | 6,134         | (10.5)     | (9.6–11.4)             | 6,119            | (6.5)      | (5.8–7.2)          |
| Georgia              | 5,060         | (11.7)     | (10.5–12.8)            | 5,049            | (7.4)      | (6.5–8.3)          |
| Hawaii               | 5,994         | (13.4)     | (12.3–14.6)            | 5,977            | (6.9)      | (6.0–7.7)          |
| Idaho                | 5,028         | (11.8)     | (10.7–12.9)            | 5,015            | (7.7)      | (6.8–8.6)          |
| Illinois             | 5,238         | (10.7)     | (9.8–11.7)             | 5,233            | (7.2)      | (6.4–8.0)          |
| Indiana              | 5,778         | (11.3)     | (10.4–12.3)            | 5,760            | (7.5)      | (6.8–8.3)          |
| lowa                 | 3,657         | (9.0)      | (7.9–10.1)             | 3,651            | (6.4)      | (5.4–7.5)          |
| Kansas               | 4,591         | (11.2)     | (10.2–12.2)            | 4,577            | (7.6)      | (6.8–8.5)          |
| Kentucky             | 7,052         | (12.8)     | (11.5–14.1)            | 7,038            | (9.5)      | (8.4–10.6)         |
| Louisiana            | 5,030         | (12.0)     | (9.4–11.5)             | 5,015            | (6.0)      | (5.3–6.8)          |
| Maine                |               | . ,        | (12.1–15.1)            | ,                | , ,        | (8.7–11.4)         |
|                      | 2,436         | (13.6)     | '                      | 2,430<br>4,380   | (10.0)     | ,                  |
| Maryland             | 4,394         | (12.7)     | (11.4–13.9)            | ,                | (8.2)      | (7.2–9.3)          |
| Massachusetts        | 7,417         | (12.9)     | (11.9–13.9)            | 7,398            | (8.9)      | (8.1–9.8)          |
| Michigan             | 5,927         | (12.8)     | (11.7–13.9)            | 5,909            | (8.8)      | (7.8–9.7)          |
| Minnesota            | 4,477         | (11.3)     | (10.2–12.4)            | 4,455            | (7.5)      | (6.6–8.4)          |
| Mississippi          | 4,084         | (10.6)     | (9.4–11.9)             | 4,072            | (6.1)      | (5.3–7.0)          |
| Missouri             | 4,721         | (12.5)     | (11.2–13.8)            | 4,703            | (8.5)      | (7.4–9.6)          |
| Montana              | 4,027         | (14.5)     | (12.7–16.2)            | 4,018            | (8.9)      | (7.6–10.1)         |
| Nebraska             | 4,379         | (10.6)     | (9.4–11.7)             | 4,370            | (7.2)      | (6.3–8.2)          |
| Nevada               | 3,155         | (12.4)     | (10.8–14.1)            | 3,135            | (7.6)      | (6.3-8.9)          |
| New Hampshire        | 5,034         | (13.9)     | (12.8–15.0)            | 5,024            | (8.7)      | (7.8-9.6)          |
| New Jersey           | 6,169         | (11.8)     | (10.1–13.6)            | 6,153            | (7.8)      | (6.3-9.3)          |
| New Mexico           | 4,669         | (11.7)     | (10.5-12.8)            | 4,662            | (7.8)      | (6.9-8.8)          |
| New York             | 4,456         | (11.5)     | (10.4–12.6)            | 4,450            | (7.9)      | (7.0-8.8)          |
| North Carolina       | 6,739         | (10.9)     | (9.7-12.1)             | 6,725            | (6.5)      | (5.5-7.4)          |
| North Dakota         | 2,994         | (10.3)     | (9.0-11.5)             | 2,987            | (7.3)      | (6.3-8.4)          |
| Ohio                 | 4,088         | (10.3)     | (9.2-11.4)             | 4,076            | (7.3)      | (6.4-8.3)          |
| Oklahoma             | 6,759         | (11.2)     | (10.3-12.2)            | 6,740            | (7.1)      | (6.4-7.8)          |
| Oregon               | 3,073         | (14.0)     | (12.6-15.4)            | 3,058            | (8.7)      | (7.6-9.8)          |
| Pennsylvania         | 13,477        | (11.5)     | (10.8-12.3)            | 13,444           | (7.9)      | (7.3-8.6)          |
| Rhode Island         | 3,838         | (12.8)     | (11.6-14.1)            | 3,824            | (8.9)      | (7.9 - 9.9)        |
| South Carolina       | 4,496         | (10.0)     | (8.8–11.2)             | 4,488            | (5.8)      | (4.9-6.8)          |
| South Dakota         | 4,786         | (8.6)      | (7.6-9.6)              | 4,779            | (5.9)      | (5.1-6.7)          |
| Tennessee            | 3,204         | (12.2)     | (10.9–13.5)            | 3,198            | (8.2)      | (7.1-9.3)          |
| Texas                | 6,105         | (11.6)     | (10.7–12.6)            | 6,092            | (7.1)      | (6.4–7.9)          |
| Utah                 | 4,076         | (12.3)     | (10.9–13.7)            | 4,068            | (8.0)      | (6.8–9.2)          |
| Vermont              | 4,233         | (12.7)     | (11.6–13.9)            | 4,224            | (8.6)      | (7.7–9.6)          |
| Virginia             | 4,387         | (12.1)     | (10.8–13.3)            | 4,367            | (7.2)      | (6.2–8.2)          |
| Washington           | 4,880         | (14.3)     | (13.1–15.5)            | 4,850            | (8.9)      | (7.8–9.9)          |
| West Virginia        | 3,345         | (12.8)     | (11.5–14.1)            | 3,335            | (9.1)      | (8.0–10.2)         |
| Wisconsin            | 4,352         | (11.7)     | (10.5–12.9)            | 4,344            | (8.5)      | (7.5–9.6)          |
| Wyoming              | 3,541         | (11.1)     | (9.9–12.3)             | 3,528            | (7.3)      | (6.3–8.3)          |
| -                    |               | , ,        |                        |                  | ` '        | ,                  |
| Total**              | 240,422       | (11.8)     | (11.6–12.0)            | 239,779          | (7.5)      | (7.3–7.7)          |
| Guam                 | 829           | (12.0)     | (9.5–14.6)             | 829              | (5.7)      | (4.0–7.5)          |
| Puerto Rico          | 4,118         | (19.6)     | (18.1–21.1)            | 4,118            | (11.5)     | (10.3–12.7)        |
| U.S. Virgin Islands  | 2,277         | (9.4)      | (7.9–11.0)             | 2,269            | (4.7)      | (3.5–5.9)          |
| * Persons who answ   | ered "yes" to | the quest  | tion, "Have you e      | ever been told l | by a docto | or, nurse, or othe |

<sup>\*</sup> Persons who answered "yes" to the question, "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?"

Editorial Note: Asthma is a chronic respiratory illness often associated with familial, allergenic, socioeconomic, psychological, and environmental factors (3). Although recent reports suggest asthma-related mortality has been declining since 1996, a disparity remains between rates for non-Hispanic whites and those for non-Hispanic blacks and other racial/ethnic populations (4). Non-Hispanic blacks experience higher rates than non-Hispanic whites for ED visits, hospitalizations, and deaths; these trends are not explained entirely by higher asthma prevalence among non-Hispanic blacks (4). Other racial/ethnic populations experience higher asthma mortality and hospitalization rates than non-Hispanic whites while also reporting lower asthma prevalence and fewer outpatient and ED visits. The asthma-control characteristics described in this report can contribute to increased mortality and higher hospitalization rates.

In 2002, the BRFSS adult lifetime asthma prevalence estimate and the adult current asthma prevalence estimate for the 50 states and DC were higher than in 2001 and 2000. Consistent with previous BRFSS findings, the data in this report indicate variability across states and territories in the lifetime and current asthma estimates. In addition, racial/ ethnic populations with the highest current asthma prevalence in 2001 (non-Hispanics of multiple races, non-Hispanic AI/ANs, and non-Hispanic blacks) reported higher adult current asthma prevalence in 2002. Non-Hispanic whites also reported higher adult current asthma prevalence in 2002 than in 2001. Although non-Hispanic Asians reported the lowest current asthma prevalence in 2001, current asthma prevalence decreased in 2002 in contrast to the increases reported by other racial/ethnic populations. Non-Hispanic NH/PIs also reported a decrease in current asthma prevalence in

<sup>†</sup> Persons who answered "yes" to the questions, "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?" and "Do you still have asthma?"

<sup>§</sup> Unweighted sample size.

<sup>¶</sup> Confidence interval.

<sup>\*\* 50</sup> states and the District of Columbia.

TABLE 2. Number and percentage of persons reporting current\* asthma, by race/ethnicity and selected characteristics — Behavioral Risk Factor Surveillance System (BRFSS), 19 selected areas<sup>†</sup>, 2002

|                                   |       | rrent<br>llence§ | ED¶<br>visit | Urgent visit | Routine visit | Asthma symptoms | Asthma attack | Sleep<br>difficulty | Activity limited | Used medication(s) |
|-----------------------------------|-------|------------------|--------------|--------------|---------------|-----------------|---------------|---------------------|------------------|--------------------|
| Race/Ethnicity                    | No.   | (%)              | (%)          | (%)          | (%)           | (%)             | (%)           | (%)                 | (%)              | (%)                |
| White, non-Hispanic               | 5,458 | (7.6)            | (14.5)       | (25.8)       | (52.6)        | (76.3)          | (52.3)        | (47.4)              | (23.6)           | (70.0)             |
| Black, non-Hispanic               | 709   | (9.3)            | (37.2)       | (35.9)       | (62.9)        | (68.7)          | (47.8)        | (63.3)              | (39.5)           | (68.0)             |
| Asian, non-Hispanic               | 54    | (2.9)            | (18.8)       | (17.1)       | (50.9)        | (67.8)          | (35.0)        | **                  | · —              | (63.2)             |
| Native Hawaiian/Pacific Islander, |       |                  |              |              |               |                 |               |                     |                  |                    |
| non-Hispanic                      | 9     | (1.3)            | _            | _            | _             | _               | _             | _                   | _                | _                  |
| American Indian/Alaska Native,    |       |                  |              |              |               |                 |               |                     |                  |                    |
| non-Hispanic                      | 143   | (11.6)           | (20.4)       | (35.2)       | (66.6)        | (78.0)          | (64.2)        | (48.3)              | (26.3)           | (76.0)             |
| Other race, non-Hispanic          | 50    | (7.2)            | _            | _            | _             | _               | _             | _                   | _                | _                  |
| Multiracial, non-Hispanic         | 115   | (15.6)           | (13.5)       | (36.9)       | (53.8)        | (92.7)          | (66.0)        | (60.3)              | (43.6)           | (76.6)             |
| Hispanic                          | 546   | (5.0)            | (26.0)       | (36.9)       | (51.4)        | (72.3)          | (52.4)        | (64.7)              | (40.4)           | (67.0)             |
| Total <sup>††</sup>               | 7,084 | (7.2)            | (18.4)       | (28.5)       | (53.9)        | (75.1)          | (52.0)        | (51.1)              | (28.0)           | (69.3)             |
| Lower 95% CI <sup>§§</sup>        |       | (6.9)            | (16.4)       | (26.3)       | (51.6)        | (73.1)          | (49.6)        | (48.4)              | (25.6)           | (67.1)             |
| Upper 95% CI                      |       | (7.5)            | (20.4)       | (30.8)       | (56.3)        | (77.2)          | (54.3)        | (53.9)              | (30.3)           | (71.5)             |

\* Persons who answered "yes" to the questions, "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?" and "Do you still have asthma?"

Unweighted number of BRFSS respondents with current asthma.

¶ Emergency department.

\*\* Fewer than 50 respondents; estimates suppressed.

§§ Confidence interval.

2002, compared with 2001. Higher current asthma prevalence cannot be explained by the distribution of BRFSS respondents by race/ethnicity because the change in any racial/ethnic population in the BRFSS data was <1% from 2001 to 2002. Possible reasons for variability include demographic, socioeconomic (e.g., income and education level), and environmental factors (e.g., outdoor air pollution and climate), physician diagnostic procedures, or data-collection practices (3).

The findings in this report are subject to at least four limitations. First, the median response rate for the survey was 58.3%. However, BRFSS asthma prevalence is similar to estimates from other surveys with higher response rates, such as the National Health Interview Survey (5). Second, BRFSS does not measure asthma prevalence among institutionalized adults, military personnel, persons aged <18 years, and residents without telephones. Third, the validity of self-reported asthma or asthma-control characteristics in BRFSS is unknown (6). Actual adherence to prescribed medication or asthma treatment plans in respondents with current asthma is unknown. Finally, the asthma-control questions were asked in 19 of the 54 BRFSS reporting areas and might not accurately reflect the asthma-control characteristics of other reporting areas or accurately represent their racial/ethnic distribution.

States and territories using the BRFSS Adult Asthma History module can direct asthma management within their jurisdictions and address disparities in asthma risk and control characteristics among racial/ethnic populations. Use of comprehensive state-specific asthma surveillance data to identify populations with poorly controlled asthma is instrumental in developing, implementing, and evaluating asthma-control programs and interventions.

## Acknowledgment

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<sup>&</sup>lt;sup>†</sup> Ćalifornia, Delaware, District of Columbia, Idaho, Iowa, Louisiana, Massachusetts, Michigan, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Rhode Island, Texas, Utah, Wisconsin, and the U.S. Virgin Islands.

<sup>††</sup> Excludes "Don't know/refused" responses to asthma status or race/ethnicity questions, missing responses, outliers, reporting of "no asthma symptoms," and/or response miscodes.

## up-to-the-minute: adj

1 : extending up to the immediate present, including the very latest information; see also *MMWR*.

know what matters.

## Impact of a Smoking Ban on Restaurant and Bar Revenues — El Paso, Texas, 2002

Smoke-free indoor air ordinances protect employees and customers from secondhand smoke exposure, which is associated with increased risks for heart disease and lung cancer in adults and respiratory disease in children (1,2). As of January 2004, five states (California, Connecticut, Delaware, Maine, and New York) and 72 municipalities in the United States had passed laws that prohibit smoking in almost all workplaces, restaurants, and bars (3). On January 2, 2002, El Paso, Texas (2000 population: 563,662), implemented an ordinance banning smoking in all public places and workplaces, including restaurants and bars. The El Paso smoking ban is the strongest smoke-free indoor air ordinance in Texas and includes stipulations for enforcement of the ban by firefighting and law enforcement agencies, with fines of up to \$500 for ordinance violations (4). To assess whether the El Paso smoking ban affected restaurant and bar revenues, the Texas Department of Health (TDH) and CDC analyzed sales tax and mixed-beverage tax data during the 12 years preceding and 1 year after the smoking ban was implemented. This report summarizes the results of that analysis, which determined that no statistically significant changes in restaurant and bar revenues occurred after the smoking ban took effect. These findings are consistent with those from studies of smoking bans in other U.S. cities (5-8). Local public health officials can use these data to support implementation of smokefree environments as recommended by the Task Force on Community Preventive Services (9).

To study the impact of the El Paso smoking ban on all sectors of the local restaurant and bar industry, TDH and CDC obtained quarterly sales tax reports and monthly mixedbeverage tax receipts from the Texas Comptroller of Public Accounts. The sales tax reports provided revenue data for restaurants, bars, and retail businesses, grouped by Standardized Industrial Classification (SIC) codes. Categories were created for restaurants (SIC codes 5812, 5816, and 5817) and bars (SIC codes 5813 and 5814) (10). The sales tax reports included revenue generated by sales of meals and sales of beer and wine for establishments with beer and wine retailer permits; sales tax revenue data were used for 1990-2002. Other restaurant and bar revenue data came from reports filed by holders of mixed-beverage permits. The state's mixedbeverage gross receipts tax, enacted in 1994, is levied on revenue generated by sales of alcoholic beverages (e.g., liquor, beer, and wine) and nonalcoholic beverages and ice used in mixed drinks. Mixed-beverage revenue data were used for 1995-2002.

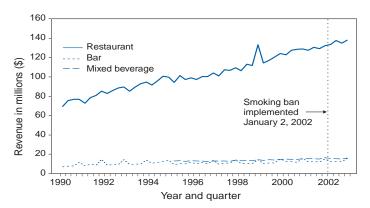
Multiple linear regression analysis was used to examine the effect of the El Paso smoking ban on changes in revenue over time. The following independent variables were considered: a variable indicating whether the smoking ban was in force, an ordinal variable to represent secular time, and three variables to indicate during which one of four calendar quarters the revenue data were collected. Two regression models were created for each of the following primary dependent variables: 1) revenue subject to sales tax from all restaurants and bars, restaurants only, and bars only; and 2) revenue subject to the mixed-beverage tax. For each category, the first model examined the association between the smoking ban and revenue, and the second examined the association between the smoking ban and the fraction of revenue as a percentage of El Paso's total retail revenues (SIC codes 5211-5999). This fraction accounts for economic variation that might impact revenue in all sectors of the retail economy (6).

Two sets of statistics were used to evaluate the quality of the models. The Durbin-Watson statistic was calculated for each model to determine if first-order autocorrelation was present. Variance inflation factors were examined to determine if multicollinearity was present in any of the models.

Restaurant, bar, and mixed-beverage revenues varied by quarter; in all categories, revenues usually were higher during the fourth quarter (October–December) of each year (Figure 1). During all four quarters, bar and mixed-beverage revenues accounted for approximately 1% of total retail revenues (Figure 2).

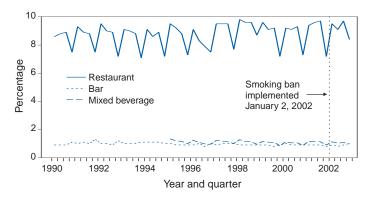
None of the regression models for restaurant, bar, or mixedbeverage revenues or for such revenues as percentages of total retail revenue over time showed any statistically significant changes after the smoking ban was implemented (Table). In

FIGURE 1. Restaurant, bar, and mixed-beverage\* revenues, before and after implementation of smoking ban, by quarter — El Paso, Texas, 1990–2002



<sup>\*</sup> Mixed-beverage revenue data were available only for 1995-2002.

FIGURE 2. Restaurant, bar, and mixed-beverage\* revenues as percentage of total retail revenues, before and after implementation of smoking ban, by quarter — El Paso, Texas, 1990–2002



<sup>\*</sup> Mixed-beverage revenue data were available only for 1995-2002.

addition, the results did not change when revenues were adjusted for inflation, and adjusting for changes in price did not change the results (8). In all models, the variance inflation factors had values of <2 for each of the independent variables, indicating that multicollinearity was not present, and the Durbin-Watson statistics indicated that none of the autocorrelations was statistically significant (Table).

**Reported by:** P Huang, MD, Texas Dept of Health. AK De, PhD, Div of Applied Public Health Training, Epidemiology Program Office; ME McCusker, MD, EIS Officer, CDC.

**Editorial Note:** No decline in total restaurant or bar revenues occurred in El Paso, Texas, after the city's smoking ban was implemented on January 2, 2002. These findings are consistent with the results of studies in other municipalities that determined smoke-free indoor air ordinances had no effect

on restaurant revenues (2,5–8). Despite claims that these laws especially might reduce alcoholic beverage revenues (2), the mixed-beverage revenue analyses indicate that sales of alcoholic beverages were not affected by the El Paso smoking ban.

The findings in this report are subject to at least three limitations. First, because sales tax reports lag revenue collection by 6 months, sales tax data were available for only 1 year after the El Paso smoking ban was implemented. However, analyses from other cities that included data for several years after a smoking ban was enacted indicated no declines in restaurant or bar revenues (6-8). Revenue data from El Paso will be monitored for any changes in restaurant and bar revenues. Second, because limited revenue data for El Paso were available, methods that might provide better estimates of the impact of the ban could not be used. Regression models measuring changes in slope for revenues before and after implementation of smoke-free indoor air ordinances might provide better estimates of how these ordinances affect revenues (8); time-series models also might produce better estimates. When more information becomes available, these models should be applied to the El Paso data. Finally, because the SIC codebased restaurant and bar categories are not mutually exclusive, certain bars were included in the restaurant category created for this analysis. However, mixed-beverage tax data, which provide a more precise measure of alcohol-related revenue, support the finding that bar revenues were not affected by the smoking ban.

Opponents of smoke-free indoor air ordinances have claimed that enacting smoke-free indoor air ordinances will harm restaurant and bar revenues (2). However, the findings in this report indicate that, in El Paso, Texas, restaurant and bar revenues were not affected by the smoking ban. Such analyses of

TABLE. Impact of a smoking ban on restaurant, bar, and mixed-beverage revenues\* — El Paso, Texas, 2002

|                   | Mean revenue     | Effec                  | t of ban               | Model fit <sup>†</sup> |                 |  |
|-------------------|------------------|------------------------|------------------------|------------------------|-----------------|--|
| Revenue type      | per quarter (\$) | Change in revenue§(\$) | (95% CI <sup>¶</sup> ) | R <sup>2</sup>         | Durbin-Watson** |  |
| Restaurant        | 104,749,601      | 1,336,331              | (-3,189,740–5,862,402) | 0.96                   | 1.76            |  |
| % of total retail | 8.8              | 0.2                    | (-0.7–1.1)             | 0.21                   | 2.05            |  |
| Bar               | 11,454,957       | 9,211                  | (-1,959,153-1,977,576) | 0.43                   | 2.03            |  |
| % of total retail | 1.0              | 0.03                   | (-0.1–0.1)             | 0.29                   | 1.70            |  |
| Total             | 116,204,559      | 1,269,532              | (-4,632,656-7,171,720) | 0.95                   | 2.08            |  |
| % of total retail | 9.7              | 0.3                    | (-0.6–1.2)             | 0.15                   | 2.02            |  |
| Mixed beverage    | 14,187,573       | -276,505               | (-909,710-356,700)     | 0.83                   | 1.89            |  |
| % of total retail | 1.1              | 0.03                   | (-0.1–0.2)             | 0.46                   | 1.70            |  |

<sup>\*</sup> Restaurant and bar revenues are from sales tax data for 1990–2002; mixed-beverage revenues are from mixed-beverage gross receipts tax data for . 1995–2002.

P values were all nonsignificant (p<0.01).

S Change in revenue indicates the value of the coefficient for the indicator variable representing the El Paso smoking ban in each model. All p values for this coefficient were nonsignificant (p>0.1).

Confidence interval.

<sup>\*\*</sup> None of the Durbin-Watson results indicates a significant autocorrelation. In a model with three independent variables and 52 observations (i.e., restaurant and bar models), <1.67 indicates significant positive autocorrelation and >2.58 indicates significant negative autocorrelation. In a model with three independent variables and 32 observations (i.e., mixed-beverage models), the critical values are <1.65 and >2.76, respectively.

economic data can provide local policymakers with statistical evidence to evaluate the merit of implementing smoke-free indoor air ordinances in their communities.

## **Acknowledgments**

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# Effect of New Susceptibility Breakpoints on Reporting of Resistance in Streptococcus pneumoniae — United States, 2003

In January 2003, the National Committee for Clinical Laboratory Standards (NCCLS) finalized new breakpoints for defining the susceptibility of *Streptococcus pneumoniae* isolates to cefotaxime and ceftriaxone (1). The former breakpoints were based on attainable concentrations of these antibiotics in cerebrospinal fluid (CSF) and the level at which it was thought that meningitis treatment failed because of elevated minimum inhibitory concentrations (MICs). The new breakpoints differ for *S. pneumoniae* isolates causing menin-

gitis and those causing nonmeningeal clinical syndromes. To assess the effect of these new criteria on reporting of nonsusceptible *S. pneumoniae* isolates, CDC analyzed cefotaxime MIC data from the Active Bacterial Core Surveillance (ABCs) of the Emerging Infections Program (EIP) Network during 1998–2001. This report summarizes the results of that analysis, which indicated that after the new criteria were applied, the number of isolates defined as nonsusceptible to cefotaxime decreased 52.1%–61.2% for each year. Laboratory reports for clinicians should include interpretations using the new breakpoints for meningitis and nonmeningeal syndromes for all non-CSF isolates.

During 1998–2001, ABCs/EIP surveillance areas from eight states (California, Connecticut, Georgia, Maryland, Minnesota, New York, Oregon, and Tennessee) conducted surveillance for invasive pneumococcal disease. Surveillance populations ranged from approximately 17.4 million in 1998 to 18.6 million in 2001 (2). A case of invasive pneumococcal disease was defined as isolation of S. pneumoniae from a normally sterile site in a resident of a surveillance area. Isolates were tested for susceptibility at reference laboratories by using NCCLS methods (1). Isolates were considered to be nonsusceptible to an antibiotic if they met intermediate or resistant criteria by MIC testing. Under the former criteria, susceptible, intermediate, and resistant MIC breakpoints for cefotaxime and ceftriaxone were  $\leq 0.5$ , 1, and  $\geq 2 \mu g/mL$ , respectively, for all pneumococci. Under the new criteria, isolates from CSF or other body sites where meningitis is suspected maintain the old breakpoints, but isolates causing nonmeningeal syndromes have breakpoints of  $\leq 1, 2,$ and  $\geq 4 \mu g/mL$ , respectively.

During 1998–2001, the number of *S. pneumoniae* isolates collected annually ranged from 3,128 to 3,961 (Table). Approximately 95.6% of isolates collected caused nonmeningeal clinical syndromes such as pneumonia with bacteremia. The percentage of isolates causing meningitis ranged from 4.4% in 1998 to 5.5% in 2000.

The percentage of isolates causing nonmeningeal syndromes that were nonsusceptible to penicillin ranged from 24.3% in 1998 to 26.5% in 2000. Penicillin nonsusceptibility was consistently higher among isolates causing meningitis (Table). The susceptibility breakpoints for penicillin remain unchanged and are the same for isolates causing both meningitis and nonmeningeal syndromes.

Under the former breakpoints, the percentage of isolates causing nonmeningeal syndromes that were nonsusceptible to cefotaxime ranged from 13.8% in 1998 to 16.7% in 2000 (Table). Cefotaxime nonsusceptibility was consistently higher among isolates causing meningitis. When the new breakpoints were applied, the percentage of isolates causing invasive

TABLE. Streptococcus pneumoniae nonsusceptibility (NS) to penicillin and cefotaxime, by former and new\* National Committee for Clinical Laboratory Standards (NCCLS) breakpoints and year — Active Bacterial Core Surveillance, United States, 1998–2001

| NCCLS breakpoints                                     | 1998       | 1999       | 2000       | 2001       |
|---|------------|------------|------------|------------|
| Surveillance population                               | 17,383,935 | 17,569,857 | 18,299,953 | 18,612,289 |
| Total isolates collected (No.)                        | 3,629      | 3,961      | 3,666      | 3,128      |
| Meningitis isolates                                   | 158        | 209        | 203        | 168        |
| Nonmeningeal isolates                                 | 3,471      | 3,752      | 3,463      | 2,960      |
| Penicillin NS (%)                                     |            |            |            |            |
| NS among all isolates                                 | 24.6       | 26.4       | 26.8       | 24.9       |
| NS among meningitis isolates                          | 29.8       | 30.6       | 31.5       | 30.4       |
| NS among nonmeningeal isolates                        | 24.3       | 26.2       | 26.5       | 24.6       |
| Cefotaxime NS, by former breakpoints (%)              |            |            |            |            |
| NS among all isolates                                 | 14.2       | 16.5       | 16.9       | 16.0       |
| NS among meningitis isolates                          | 22.2       | 19.6       | 20.2       | 19.6       |
| NS among nonmeningeal isolates                        | 13.8       | 16.4       | 16.7       | 15.8       |
| Cefotaxime NS, by new breakpoints (%)                 |            |            |            |            |
| NS among all isolates                                 | 6.7        | 6.4        | 8.1        | 6.4        |
| NS among meningitis isolates                          | 22.2       | 19.6       | 20.2       | 19.6       |
| NS among nonmeningeal isolates                        | 6.0        | 5.7        | 7.4        | 5.6        |
| % decrease in total no. NS isolates with new criteria | 52.8       | 61.2       | 52.1       | 60.0       |

<sup>\*</sup> New NCCLS breakpoints were finalized in January 2003.

nonmeningeal syndromes defined as cefotaxime nonsusceptible decreased to 5.6%–7.4%; the percentage of isolates causing meningitis defined as nonsusceptible remained unchanged. Cefotaxime nonsusceptibility among all isolates was 6.4%–8.1%, representing a decrease of 52.1%–61.2% in cefotaxime nonsusceptibility annually (Table).

Reported by: P Daily, MPH, California Emerging Infections Program, San Francisco, California. M Farley, MD, Emory Univ School of Medicine, Atlanta, Georgia. JH Jorgensen, PhD, Univ of Texas Health Science Center, San Antonio, Texas. N Barrett, MS, Connecticut Dept of Public Health. L Thomson Sanza, Maryland Dept of Health and Mental Hygiene. A Glennen, Minnesota Dept of Health. N Dumas, New York State Dept

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of Health. J Hatch, Oregon Dept of Human Svcs. A Craig, MD, Tennessee Dept of Health. RR Facklam, PhD, CG Whitney, MD, Div of Bacterial and Mycotic Diseases and Active Bacterial Core Surveillance of the Emerging Infections Program Network, National Center for Infectious Diseases; CM Greene, MD, EIS Officer, CDC.

**Editorial Note:** When the new breakpoints were applied to previously collected ABCs MIC data for 1998–2001, the number of *S. pneumoniae* isolates defined as nonsusceptible to cefotaxime decreased 52.1%–61.2% each year. Although breakpoints remain unchanged for pneumococci from CSF or other body sites where meningitis is suspected, these isolates constitute only a small fraction (4%–5%) of all collected.

Under the former criteria, *S. pneumoniae* infections treated with beta-lactam antibiotics to which isolates had intermediate resistance were associated with worse clinical outcomes for meningitis (3,4) but not for pneumonia (5). This difference might be related to the attainable concentration level of beta-lactam antibiotics in CSF, compared with plasma and interstitial fluid. Beta-lactam antibiotic concentrations in the lung interstitia are similar to those measured simultaneously in serum, and concentrations in CSF are lower than serum levels (6).

MIC breakpoints for penicillin were not changed because susceptibility to penicillin (MIC <0.06  $\mu$ g/mL) is used to predict susceptibility to other penicillins, cephalosporins, and carbapenems. Defining new penicillin susceptibility breakpoints for nonmeningeal syndromes also would require recommending specific doses for each route of penicillin administration.

State and local health departments conduct surveillance for drug-resistant *S. pneumoniae* and rely on data generated by clinical laboratories. The change in susceptibility breakpoints will cause an artificial decline in the percentage of nonsusceptible *S. pneumoniae* isolates on surveillance reports. Health departments should examine laboratory data collected as part of surveillance programs to ensure that data are interpreted and aggregated correctly.

Antimicrobial susceptibility testing influences clinicians' antibiotic choices (7). Current recommendations for treating penicillin-resistant pneumococcal pneumonia suggest choosing one of the following agents on the basis of susceptibility testing results: cefotaxime, ceftriaxone, selected fluoroquinolones, or, if the isolate is resistant to fluoroquinolone and cephalosporin, vancomycin (8). New clinical-syndrome—based susceptibility breakpoints for cefotaxime and ceftriaxone might lead to an increase in use of these antibiotics to treat nonmeningeal pneumococcal disease over broader-spectrum antibiotics (e.g., fluoroquinolones). S. pneumoniae strains resistant to fluoroquinolones are uncommon, but development of resistance is a concern (9). If the new NCCLS susceptibility breakpoints promote using narrower-spectrum

antibiotics to treat pneumococcal disease, development of resistance to broader-spectrum antibiotics might be slowed.

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## Interim Guidelines for the Evaluation of Infants Born to Mothers Infected with West Nile Virus During Pregnancy

West Nile virus (WNV) is a single-stranded RNA flavivirus with antigenic similarities to Japanese encephalitis and St. Louis encephalitis viruses. It is transmitted to humans primarily through the bites of infected mosquitoes. Flavivirus infection during pregnancy has been associated rarely with both spontaneous abortion and neonatal illness but has not been known to cause birth defects in humans (1-4). During 2002, a total of 4,156 cases of WNV illness in humans, including 2,946 cases of neuroinvasive disease, were reported to CDC by state health departments. In 2002, a woman who had WNV encephalitis during the 27th week of her pregnancy delivered a full-term infant with chorioretinitis, cystic destruction of cerebral tissue, and laboratory evidence of congenitally acquired WNV infection (5,6). Although this case demonstrated intrauterine WNV infection in an infant with congenital abnormalities, it did not prove a causal relation between WNV infection and these abnormalities. During 2002, CDC

investigated three other instances of maternal WNV infection. In all three cases, the infants were born at full term with normal appearance and negative laboratory tests for WNV infection; cranial imaging studies and ophthalmologic examinations were not performed. During 2003, CDC received reports of approximately 9,100 cases of WNV illness, including approximately 2,600 cases of neuroinvasive disease\*. CDC is gathering data on pregnancy outcomes for approximately 70 women with WNV illness during pregnancy (CDC, unpublished data, 2003).

To develop guidelines for evaluating infants born to mothers who acquire WNV infection during pregnancy, on December 2, 2003, CDC convened a meeting of specialists in the evaluation of congenital infections. This report summarizes the interim guidelines established during that meeting.

## **Screening for WNV During Pregnancy**

No specific treatment for WNV infection exists, and the consequences of WNV infection during pregnancy have not been well defined. For these reasons, screening of asymptomatic pregnant women for WNV infection is not recommended.

## Diagnosis of WNV Infection During Pregnancy

Pregnant women who have meningitis, encephalitis, acute flaccid paralysis, or unexplained fever in an area of ongoing WNV transmission should have serum (and cerebrospinal fluid [CSF], if clinically indicated) tested for antibody to WNV. If serologic or other laboratory tests indicate recent infection with WNV, these infections should be reported to the local or state health department, and the women should be followed to determine the outcomes of their pregnancies.

## Evaluation of the Fetus in Pregnant Women with WNV Infection

If WNV illness is diagnosed during pregnancy, a detailed ultrasound examination of the fetus to evaluate for structural abnormalities should be considered no sooner than 2–4 weeks after onset of WNV illness in the mother, unless earlier examination is otherwise indicated. Amniotic fluid, chorionic villi, or fetal serum can be tested for evidence of WNV infection. However, the sensitivity, specificity, and predictive value of tests that might be used to evaluate fetal WNV infection are not known, and the clinical consequences of fetal infection have not been determined. In case of miscarriage or induced abortion, testing of all products of conception (e.g., the placenta and umbilical cord) for evidence of WNV infec-

tion is advised to document the effects of WNV infection on pregnancy outcome.

## **Evaluation of Infants Born to Mothers Infected with WNV During Pregnancy**

When an infant is born to a mother who was known or suspected to have WNV infection during pregnancy, clinical evaluation is recommended (Box 1). Further evaluation should be considered if any clinical abnormality is identified or if laboratory testing indicates that an infant might have congenital WNV infection (Box 2).

## BOX 1. Recommended clinical evaluation of infants born to mothers infected with West Nile virus (WNV) during pregnancy

- Thorough physical examination, including careful measurement of the head circumference, length, weight, and assessment of gestational age.
- Evaluation for neurologic abnormalities, dysmorphic features, splenomegaly, hepatomegaly, and rash or other skin lesions. Any rash, skin lesions, or dysmorphic features should be photographed. If an abnormality is noted, consultation with an appropriate specialist is recommended.
- Testing of infant serum for IgM and IgG antibody to WNV. The initial sample should be collected either from the umbilical cord or directly from the infant within 2 days of birth. If maternal WNV illness occurred ≤8 days before delivery and the initial infant serum sample is negative for WNV IgM antibody, a second infant serum sample should be obtained ≥2 weeks after the first sample. Free testing of samples by CDC can be arranged by contacting state public health laboratories.
- Evaluation of hearing by evoked otoacoustic emissions testing or auditory brainstem response testing, either before discharge from the hospital or within 1 month after birth. Infants with abnormal initial hearing screens should be referred to an audiologist for further evaluation.
- Initial examination of the placenta by a pathologist is encouraged. Regardless of whether this is completed, the entire placenta, a sample of umbilical cord tissue, and a sample of serum from the umbilical cord should be retained for further evaluation if congenital WNV infection is identified or strongly suspected. A section of the placenta and umbilical cord should be frozen, and the remainder of the placenta should be preserved in formalin; a sample of umbilical cord blood should be centrifuged, and the serum should be refrigerated or frozen.

<sup>\*</sup>Data as of February 18, 2004.

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BOX 2. Recommended clinical evaluation of infants with clinical or laboratory evidence of possible congenital West Nile virus (WNV) infection\*

- Computerized tomography (CT) scan of the head and brain. If CT is abnormal, a pediatric neurologist should be consulted.
- Pediatric ophthalmologic evaluation, including examination of the retina.
- Complete blood count, platelet count, and liver function tests, including alanine aminotransferase and aspartate aminotransferase. Examination of cerebrospinal fluid (CSF) should be considered and, if performed, should include testing of CSF for IgM antibody to WNV.
- Evaluation by a dysmorphologist or clinical geneticist.
- Further evaluation of any congenital abnormalities to determine alternative causes, including genetic, infectious, or other teratogenic causes.
- Additional hearing screen at age 6 months.
- Careful evaluation of head circumference, physical characteristics, and developmental milestones throughout the first year of life.
- Additional examination of infant serum for IgG and IgM antibody to WNV at age 6 months.
- Histopathologic examination of the placenta and umbilical cord, testing of frozen placental tissue and cord tissue for WNV nucleic acid, and testing of cord serum for IgM and IgG antibody to WNV.

## Prevention of WNV Infection During Pregnancy

Pregnant women who live in areas with WNV-infected mosquitoes should apply insect repellent to skin and clothes when exposed to mosquitoes and wear clothing that will help protect against mosquito bites. In addition, whenever possible, pregnant women should avoid being outdoors during peak mosquito-feeding times (i.e., usually dawn and dusk).

**Reported by:** E Hayes, MD, D O'Leary, DVM, Div of Vector-Borne Infectious Diseases, National Center for Infectious Diseases; SA Rasmussen, MD, Div of Birth Defects and Developmental Disabilities, National Center on Birth Defects and Developmental Disabilities, CDC.

<sup>\*</sup>The following laboratory results indicate possible congenital WNV infection: 1) positive IgM to WNV in infant serum or cerebrospinal fluid; 2) stable or increasing IgG to WNV in infant serum samples obtained at delivery and at age 6 months; or 3) detectable WNV, WNV nucleic acid, or WNV antigen in any infant clinical sample.

Editorial Note: Neither the proportion of WNV infections during pregnancy that result in congenital infection nor the spectrum of clinical abnormalities associated with congenital WNV infection is known. However, one case reported in 2002 suggests that intrauterine transmission of WNV in certain instances might affect the newborn adversely. To evaluate the possible effects of WNV infection during pregnancy, CDC is gathering clinical and laboratory data on outcomes of pregnancies of women who were known or suspected to be infected with WNV during pregnancy. Guidance on diagnosis of WNV can be obtained from local or state health departments and from CDC, telephone 970-221-6400. Guidance also is available at http://www.cdc.gov/ncidod/dvbid/westnile/ resources/fact\_sheet\_clinician.htm. Clinicians are encouraged to report cases of WNV infections in pregnant women to their state or local health departments or CDC.

### **Acknowledgments**

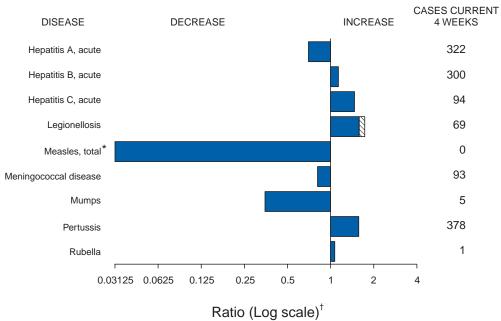
This report is based on contributions by JM Friedman, PhD, Univ of British Columbia, Vancouver, Canada. K Jones, MD, Univ of California, San Diego. M Abzug, MD, The Children's Hospital and Univ of Colorado School of Medicine, Denver; J Paisley, MD, Poudre Valley Hospital, Fort Collins; W Tyson, MD, Presbyterian/ St. Luke's Hospital, Denver; M Wheeler, MD, Univ of Colorado Health Sciences Center, Denver; J Pape, Colorado Dept of Public

Health and Environment. M Mets, MD, Children's Memorial Hospital, Chicago, Illinois. W Allan, MD, Foundation for Blood Research, Scarborough, Maine. C Meissner, MD, Tufts New England Medical Center, Boston, Massachusetts. J Bale, MD, Univ of Utah and Primary Children's Medical Center, Salt Lake City, Utah. J Rutledge, MD, Children's Hospital and Regional Medical Center, Seattle, Washington. J Brown, DVM, G Campbell, MD, S Kuhn, R Lanciotti, PhD, A Marfin, MD, S Montgomery, DVM, L Petersen, MD, Div of Vector-Borne Infectious Diseases, National Center for Infectious Diseases; J Cordero, MD, J Mulinare, MD, National Center on Birth Defects and Developmental Disabilities, CDC.

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FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals February 21, 2004, with historical data



Beyond historical limits

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending February 21, 2004 (7th Week)\*

|                                       | Cum.<br>2004 | Cum.<br>2003 |   | Cum.<br>2004 | Cum.<br>2003 |
|---------------------------------------|--------------|--------------|---|--------------|--------------|
| Anthrax                               | -            | -            | Hemolytic uremic syndrome, postdiarrheal†       | 5            | 19           |
| Botulism:                             | -            | -            | HIV infection, pediatric <sup>†§</sup>          | -            | 27           |
| foodborne                             | 3            | 1            | Measles, total                                  | 2¶           | 2**          |
| infant                                | 5            | 12           | Mumps   | 15           | 30           |
| other (wound & unspecified            | 3            | 1            | Plague  | -            | -            |
| Brucellosis†                          | 4            | 20           | Poliomyelitis, paralytic                        | -            | -            |
| Chancroid                             | 3            | 7            | Psittacosis <sup>†</sup>                        | 2            | 5            |
| Cholera                               | 1            | -            | Q fever <sup>†</sup>                            | 4            | 13           |
| Cyclosporiasis†                       | 3            | 19           | Rabies, human                                   | -            | -            |
| Diphtheria                            | -            | -            | Rubella   | 3            | -            |
| Ehrlichiosis:                         | -            | -            | Rubella, congenital syndrome                    | -            | -            |
| human granulocytic (HGE)†             | 3            | 11           | SARS-associated coronavirus disease† ††         | -            | -            |
| human monocytic (HME)†                | 3            | 17           | Smallpox <sup>†</sup> §§                        | -            | NA           |
| human, other and unspecified          | -            | 1            | Staphylococcus aureus:                          | -            | -            |
| Encephalitis/Meningitis:              | -            | -            | Vancomycin-intermediate (VISA) <sup>†</sup> §§  | 2            | NA           |
| California serogroup viral†           | -            | -            | Vancomycin-resistant (VRSA) <sup>† §§</sup>     | -            | NA           |
| eastern equine <sup>†</sup>           | -            | 2            | Streptococcal toxic-shock syndrome <sup>†</sup> | 15           | 29           |
| Powassan <sup>†</sup>                 | -            | -            | Tetanus   | -            | 4            |
| St. Louis <sup>†</sup>                | 1            | 2            | Toxic-shock syndrome                            | 17           | 9            |
| western equine†                       | -            | -            | Trichinosis                                     | 1            | -            |
| Hansen disease (leprosy) <sup>†</sup> | 6            | 16           | Tularemia <sup>†</sup>                          | 2            | 3            |
| Hantavirus pulmonary syndrome†        | 2            | 5            | Yellow fever                                    |              |              |

<sup>-:</sup> No reported cases.

<sup>\*</sup> No measles cases were reported for the current 4-week period yielding a ratio for week 7 of zero (0).

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

Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

Not notifiable in all states.

<sup>§</sup> Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update December 28, 2003.

Of two cases reported, one was indigenous, and one was imported from another country.

<sup>\*\*</sup> Of two cases reported, one was indigenous, and one was imported from another country.

th Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (notifiable as of July 2003). Not previously notifiable.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

| (7th Week)*                   | AID           | s            | Chlai           | mydia†          | Coccidio     | domycosis    | Cryptosporidiosis |              |              | s/Meningitis<br>t Nile |
|-------------------------------|---------------|--------------|-----------------|-----------------|--------------|--------------|-------------------|--------------|--------------|------------------------|
| Reporting area                | Cum.<br>2004§ | Cum.<br>2003 | Cum.<br>2004    | Cum.<br>2003    | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004      | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003           |
| UNITED STATES                 | -             | 5,273        | 87,304          | 111,683         | 409          | 488          | 286               | 337          | 3            | 57                     |
| NEW ENGLAND                   | -             | 192          | 3,442           | 3,739           | -            | -            | 19                | 19           | -            | -                      |
| /laine                        | -             | -            | 181             | 254             | N            | N            | 3                 | 1            | -            | -                      |
| I.H.<br>'t.                   | -             | 3<br>5       | 241<br>96       | 212<br>161      | -            | -<br>-       | 5<br>2            | 2<br>2       | -            | -                      |
| Mass.                         | -             | 111          | 1,934           | 1,414           | -            | -            | 7                 | 11           | -            | -                      |
| R.I.                          | -             | 16<br>57     | 574             | 349             | -<br>NI      | -<br>NI      | -                 | 1            | -            | -                      |
| Conn.                         | -             |              | 416             | 1,349           | N            | N            | 2                 | 2            | -            | -                      |
| IID. ATLANTIC<br>Ipstate N.Y. | -             | 1,540<br>77  | 13,334<br>2,112 | 16,579<br>1,474 | N            | N            | 45<br>9           | 26<br>4      | 1            | -                      |
| İ.Y. City                     | -             | 941          | 3,206           | 4,655           |              | -            | 6                 | 12           | -            | -                      |
| l.J.                          | -             | 170          | 1,452           | 2,211           | -<br>N       | -<br>N       | 1                 | 2            | -            | -                      |
| <sup>o</sup> a.               | -             | 352          | 6,564           | 8,239           | N            | N            | 29                | 8            | 1            | -                      |
| E.N. CENTRAL<br>Ohio          | -             | 632<br>95    | 12,909<br>822   | 20,497<br>5,587 | -            | 1            | 53<br>24          | 46<br>7      | -            | -                      |
| nd.                           | -             | 84           | 1,816           | 2,464           | N            | N            | 3                 | 2            | -            | -                      |
| l.                            | -             | 290          | 3,772           | 6,657           | -            | -            | .1                | 10           | -            | -                      |
| flich.<br>Vis.                | -             | 143<br>20    | 5,217<br>1,282  | 3,520<br>2,269  | -            | 1            | 17<br>8           | 9<br>18      | -            | -                      |
| V.N. CENTRAL                  |               | 60           | 4,117           | 5,957           | _            |              | 27                | 13           |              |                        |
| V.N. CENTRAL<br>Jinn.         | -             | 9            | 528             | 1,439           | N            | N            | 6                 | 5            | -            | -                      |
| owa                           | -             | 17           |                 | 330             | N            | N            | 2                 | 3            | -            | -                      |
| ∕lo.<br>I. Dak.               | -             | 26           | 1,620<br>109    | 2,311<br>125    | N            | N            | 9                 | 2            | -            | -                      |
| S. Dak.                       |               | 1            | 249             | 321             | -            | -            | 4                 | 3            | -            | -                      |
| lebr.¶                        | -             | -            | 582             | 478             | -            | ,-           | -                 | -            | -            | -                      |
| ans.                          | -             | 7            | 1,029           | 953             | N            | N            | 6                 | -            | -            | -                      |
| S. ATLANTIC<br>Del.           | -             | 1,118        | 13,138          | 18,998          | N            | N            | 54                | 151          | 1            | 57                     |
| Md.                           | -             | 30<br>103    | 383<br>2,364    | 422<br>2,153    | - IN         | -            | 5                 | 1<br>5       | -            | -                      |
| D.C.                          | -             | 179          | 367             | 446             | -            | -            | -                 | -            | -            | -                      |
| ′a.<br>V. Va.                 | -             | 176<br>6     | 992<br>331      | 1,792<br>327    | N            | N            | 3                 | -            | -            | -                      |
| v. va.<br>I.C.                | -             | 123          | 1,953           | 3,507           | N            | N            | 14                | 3            | -            | -                      |
| S.C. <sup>¶</sup>             | -             | 45           | 2,028           | 1,740           | -            | -            | -                 | 1            | -            | -                      |
| Ga.<br>Fla.                   | -             | 309<br>147   | 387<br>4,333    | 3,437<br>5,174  | N            | N            | 16<br>16          | 12<br>129    | -<br>1       | -<br>57                |
| S.S. CENTRAL                  |               | 80           | 6,051           | 7,285           | N            | N            | 19                | 14           | •            | 01                     |
| (y.                           | -             | 28           | 720             | 1,185           | N            | N            | 5                 | 1            | -            | -                      |
| enn.                          | -             | 21           | 2,445           | 2,224           | N            | N            | 10                | 7            | -            | -                      |
| ∖la.<br>∕liss.                | -             | 12<br>19     | 1,631<br>1,255  | 2,048<br>1,828  | -<br>N       | -<br>N       | 2<br>2            | 5<br>1       | -            | -                      |
| V.S. CENTRAL                  |               | 698          | 13,238          | 13,692          | -            | -            | 13                | 5            | 1            |                        |
| v.s. central<br>Ark.          | -             | 14           | 954             | 758             | -            | -            | 7                 | 1            | -            | -                      |
| .a.                           | -             | 15           | 3,801           | 2,464           | N            | N            | -                 | -            | 1            | -                      |
| Okla.<br>Tex.                 | -             | 16<br>653    | 837<br>7,646    | 888<br>9,582    | N            | N            | 5<br>1            | 1<br>3       | -            | -                      |
|                               |               |              |                 |                 |              |              |                   |              |              |                        |
| MOUNTAIN<br>Mont.             | -             | 204<br>7     | 5,888<br>27     | 6,766<br>270    | 224<br>N     | 402<br>N     | 16<br>1           | 9<br>1       | -            | -                      |
| daho                          | -             | 1            | 477             | 350             | N            | N            | -                 | 4            | -            | -                      |
| Vyo.<br>Colo.                 | -<br>-        | 1<br>23      | 132<br>534      | 155<br>1,791    | N            | N            | 2<br>9            | 2            | -            | -                      |
| l. Mex.                       | -             | 14           | 861             | 1,078           | 2            | -            | -                 | -            | -            | -                      |
| Ariz.                         | -             | 112          | 2,841           | 1,997           | 210          | 395          | 3                 | 1            | -            | -                      |
| Jtah<br>Nev.                  | -             | 6<br>40      | 365<br>651      | 293<br>832      | 4<br>8       | 1<br>6       | 1                 | 1 -          | -            | -                      |
| ACIFIC                        |               | 749          | 15,187          | 18,170          | 185          | 85           | 40                | 54           |              |                        |
| Vash.                         | -             | 749          | 2,227           | 2,020           | N            | 85<br>N      | -                 | -            | -            | -                      |
| Oreg.                         | -             | 47           | 1,001           | 794             | -            | -            | 5                 | 3            | -            | -                      |
| Calif.<br>Jaska               | -             | 618<br>6     | 11,557<br>391   | 14,147<br>480   | 185<br>-     | 85           | 34                | 51           | -            | -                      |
| lawaii                        | -             | 6            | 11              | 729             | -            | -            | 1                 | -            | -            | -                      |
| Guam                          | _             | 1            | -               | _               | -            | -            | -                 | -            | -            | -                      |
| !R.                           | -             | 145          | 135             | 30              | N            | N            | N                 | N            | -            | -                      |
| ′.I.<br>.mer. Samoa           | -<br>U        | 2<br>U       | -<br>U          | 45<br>U         | -<br>U       | -<br>U       | -<br>U            | -<br>U       | -<br>U       | -<br>U                 |
| C.N.M.I.                      | -             | Ü            | <u>-</u>        | Ü               | -            | Ü            | -                 | Ü            | -            | Ü                      |

N: Not notifiable.

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

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

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

§ Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update December 28, 2003.

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

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

| (7th Week)*               |              | Escher       | ichia coli, Enter | rohemorrhagio | (EHEC)       |              |              |              |                |                |
|---------------------------|--------------|--------------|-------------------|---------------|--------------|--------------|--------------|--------------|----------------|----------------|
|                           |              |              | Shiga toxi        | n positive,   | Shiga toxii  | n positive,  |              |              |                |                |
|                           |              | 7:H7         | <del></del>       | non-O157      | not sero     | <del></del>  |              | diasis       |                | orrhea         |
| Reporting area            | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004      | Cum.<br>2003  | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004   | Cum.<br>2003   |
| UNITED STATES             | 111          | 164          | 18                | 41            | 13           | 19           | 1,525        | 3,016        | 32,181         | 44,789         |
| NEW ENGLAND               | 4            | 9            | 1                 | 1             | 2            | 2            | 107          | 109          | 785            | 1,045          |
| Maine<br>N.H.             | -<br>1       | 2            | -                 | -<br>1        | -            | -            | 13<br>3      | 12<br>8      | 36<br>15       | 18<br>16       |
| Vt.                       | -            | -            | -                 | -             | -            | -            | 7            | 10           | 5              | 14             |
| Mass.<br>R.I.             | -            | 3            | -                 | -             | 2            | 2            | 64<br>3      | 75<br>4      | 447<br>140     | 410<br>127     |
| Conn.                     | 3            | 4            | 1                 | -             | -            | -            | 17           | -            | 142            | 460            |
| MID. ATLANTIC             | 9            | 15           | 1                 | -             | 2            | 2            | 309          | 410          | 4,504          | 6,876          |
| Upstate N.Y.<br>N.Y. City | 2<br>3       | 3<br>1       | -<br>-            | -<br>-        | 1 -          | -            | 90<br>89     | 64<br>163    | 808<br>1,055   | 701<br>1,912   |
| N.J.                      | -            | 3            | -                 | -             | 1            | -            | 22           | 63           | 614            | 1,341          |
| Pa.                       | 4            | 8            | 1                 | -             | -            | 2            | 108          | 120          | 2,027          | 2,922          |
| E.N. CENTRAL<br>Ohio      | 26<br>12     | 33<br>7      | 4                 | 3             | 1<br>1       | 2 2          | 215<br>111   | 374<br>120   | 5,087<br>410   | 9,730<br>3,002 |
| Ind.                      | 2            | 2            | -                 | -             | -            | -            | -            | -            | 707            | 945            |
| III.<br>Mich.             | 2<br>6       | 6<br>6       | -                 | -             | -            | -            | 29<br>58     | 111<br>91    | 1,526<br>2,074 | 3,093<br>1,865 |
| Wis.                      | 4            | 12           | 4                 | 3             | -            | -            | 17           | 52           | 370            | 825            |
| W.N. CENTRAL              | 14           | 16           | 4                 | 3             | 6            | 2            | 130          | 207          | 1,476          | 2,179          |
| Minn.<br>Iowa             | 6            | 7<br>1       | -                 | 3             | -            | -            | 43<br>25     | 44<br>32     | 277            | 391<br>46      |
| Mo.                       | 5            | 3            | 4                 | -             | 1            | -            | 39           | 74           | 639            | 1,201          |
| N. Dak.<br>S. Dak.        | -            | 1<br>1       | -                 | -             | 3            | 1<br>-       | 2<br>4       | 4<br>7       | 7<br>23        | 4<br>17        |
| Nebr.<br>Kans.            | 1<br>2       | 3            | -                 | -             | 2            | -<br>1       | 7<br>10      | 26<br>20     | 151<br>379     | 155<br>365     |
| S. ATLANTIC               | 6            | -<br>51      | 5                 | 28            | 1            | 10           | 263          | 1,322        | 7,234          | 10,133         |
| Del.                      | -            | -<br>-       | N                 | N<br>N        | Ň            | N            | 6            | 7            | 132            | 201            |
| Md.<br>D.C.               | 2            | -            | -                 | -             | -            | -            | 13<br>5      | 16           | 1,077<br>263   | 1,115          |
| Va.                       | -            | 1            | 1                 | -             | -            | -            | 35           | 16           | 374            | 337<br>1,071   |
| W. Va.<br>N.C.            | -            | -            | 3                 | 3             | -            | -            | 1<br>N       | -<br>N       | 105<br>2,104   | 104<br>2,045   |
| S.C.                      | -            | -            | -                 | -             | -            | -            | 1            | 8            | 1,021          | 1,035          |
| Ga.<br>Fla.               | 1<br>3       | 3<br>47      | -<br>1            | 25            | -<br>1       | 10           | 66<br>136    | 140<br>1,135 | 282<br>1,876   | 1,797<br>2,428 |
| E.S. CENTRAL              | 5            | 7            | 1                 | 25            |              | 10           | 26           | 41           | 2,963          | 3,798          |
| Ky.                       | 1            | 1            | 1                 | -             | -            | -            | N            | N            | 324            | 531            |
| Tenn.<br>Ala.             | 2<br>1       | 4<br>2       | -                 | -             | -            | -            | 13<br>13     | 17<br>24     | 968<br>987     | 1,059<br>1,308 |
| Miss.                     | 1            | -            | -                 | -             | -            | -            | -            | -            | 684            | 900            |
| W.S. CENTRAL              | 2            | 4            | -                 | 2             | -            | 1            | 32           | 27           | 5,149          | 5,743          |
| Ark.<br>La.               | -            | 1            | -                 | -             | -            | -            | 18<br>3      | 19           | 440<br>1,843   | 485<br>1,409   |
| Okla.                     | 2            | -            | -                 | -             | -            | -            | 11           | 8            | 390            | 372            |
| Tex.                      | -            | 3            | -                 | 2             | -            | 1            | -            | -            | 2,476          | 3,477          |
| MOUNTAIN<br>Mont.         | 22<br>1      | 13           | 1                 | 3             | 1            | -            | 166<br>5     | 176<br>2     | 1,575<br>8     | 1,478<br>20    |
| Idaho                     | 2            | 4            | -                 | 2             | -            | -            | 27           | 25           | 10             | 12             |
| Wyo.<br>Colo.             | 7            | 3            | -<br>1            | -             | -<br>1       | -            | 1<br>30      | 3<br>48      | 6<br>310       | 8<br>457       |
| N. Mex.                   | -            | -            | -                 | 1             | -            | -            | 3            | 9            | 112            | 169            |
| Ariz.<br>Utah             | 8<br>2       | 4<br>2       | N                 | N             | N            | N            | 55<br>33     | 43<br>30     | 787<br>39      | 535<br>33      |
| Nev.                      | 2            | -            | -                 | -             | -            | -            | 12           | 16           | 303            | 244            |
| PACIFIC                   | 23           | 16           | 1                 | 1             | -            | -            | 277          | 350          | 3,408          | 3,807          |
| Wash.<br>Oreg.            | 4<br>4       | 4<br>1       | -<br>1            | -<br>1        | -            | -            | 25<br>46     | 18<br>45     | 379<br>124     | 361<br>121     |
| Calif.                    | 11           | 11           | -                 | -             | -            | -            | 195          | 263          | 2,834          | 3,105          |
| Alaska<br>Hawaii          | -<br>4       | -            | -                 | -             | -            | -            | 5<br>6       | 9<br>15      | 70<br>1        | 77<br>143      |
| Guam                      | N N          | N            | -                 | -             | -            | -            | -            | -            | -              | -              |
| P.R.                      | -            | -            | -                 | -             | -            | -            | -            | 6            | 10             | 7              |
|                           | _            | -            | -                 | -             | -            | -            | -            | -            | -              | 8              |
| V.I.<br>Amer. Samoa       | Ū            | U            | U                 | U             | U            | U            | U            | U            | U              | Ü              |

N: Not notifiable. U: Unavailable. - : No reported cases.

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

|                   |              |              |              | Haemophilus  | influenzae, inv | /asive       |              |              | Hepatitis    |              |
|-------------------|--------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|
|                   | All a        | ages         |              |              |                 | 5 years      |              |              | (viral, acu  | e), by type  |
|                   | All ser      | otypes       | Serot        |              | Non-se          | rotype b     | Unknown      | serotype     | ,            | 4            |
| Reporting area    | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004    | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 |
| UNITED STATES     | 244          | 314          | 2            | 6            | 20              | 15           | 21           | 32           | 649          | 1,120        |
| NEW ENGLAND       | 22           | 19           | -            | 1            | 2               | 1            | -            | -            | 108          | 23           |
| Maine             | 3            | -            | -            | -            | -               | -            | -            | -            | 4            | 1            |
| N.H.<br>Vt.       | 7<br>2       | 3<br>4       | -            | -            | 1 -             | -            | -<br>-       | -            | 2<br>4       | 1            |
| Mass.             | 3            | 9            | -            | 1            | -               | 1            | -            | -            | 87           | 15           |
| R.I.<br>Conn.     | 1<br>6       | 3            | -            | -            | 1               | -            | -            | -            | -<br>11      | 6            |
| MID. ATLANTIC     | 49           | 33           | _            | -            | -               | _            | 6            | 3            | 82           | 134          |
| Upstate N.Y.      | 18           | 4            | -            | -            | -               | -            | 1            | 1            | 8            | 7            |
| N.Y. City<br>N.J. | 5<br>8       | 9<br>7       | -            | -            | -               | -            | 1<br>2       | 2            | 28<br>11     | 60<br>19     |
| Pa.               | 18           | 13           | -            | -            | -               | -            | 2            | -            | 35           | 48           |
| E.N. CENTRAL      | 40           | 33           | -            | 1            | 9               | 2            | 4            | 9            | 55           | 92           |
| Ohio<br>Ind.      | 22<br>8      | 6<br>2       | -            | -            | 2               | 1            | 3<br>1       | 2            | 9<br>4       | 15<br>4      |
| III.              | -            | 17           | -            | -            | -               | -            | -            | 7            | 14           | 35           |
| Mich.<br>Wis.     | 7<br>3       | 5<br>3       | -            | 1            | 4               | 1 -          | -            | -            | 26<br>2      | 27<br>11     |
| W.N. CENTRAL      | 5            | 17           | _            | _            | 1               | _            | _            | 3            | 17           | 20           |
| Minn.             | 3            | 4            | -            | -            | 1               | -            | -            | -            | -            | 1            |
| Iowa<br>Mo.       | 1            | 10           | -            | -            | -               | -            | -            | 3            | 4<br>6       | 6<br>6       |
| N. Dak.           | -            | -            | -            | -            | -               | -            | -            | -            | -            | -            |
| S. Dak.<br>Nebr.  | 1            | 1            | -            | -            | -               | -            | -            | -            | 1<br>2       | 2            |
| Kans.             | -            | 2            | -            | -            | -               | _            | -            | -            | 4            | 5            |
| S. ATLANTIC       | 75           | 145          | -            | 1            | 1               | 8            | 6            | 10           | 152          | 546          |
| Del.<br>Md.       | -<br>16      | 10           | -            | -            | -               | -<br>1       | -<br>1       | -            | 24           | 2<br>25      |
| D.C.              | -            | -            | -            | -            |                 | -            | -            | -            | 1            | -            |
| Va.<br>W. Va.     | 7<br>4       | 2            | -            | -            | -               | -            | 2            | -            | 14<br>1      | 4<br>2       |
| N.C.              | 5            | 3            | -            | -            | -               | -            | -            | -            | 8            | 5            |
| S.C.<br>Ga.       | -<br>29      | 1<br>6       | -            | -            | -               | -            | 3            | -<br>1       | 64           | 9<br>88      |
| Fla.              | 14           | 123          | -            | 1            | 1               | 7            | -<br>-       | 9            | 40           | 411          |
| E.S. CENTRAL      | 10           | 17           | _            | -            | -               | _            | 1            | 3            | 15           | 24           |
| Ky.               | -<br>5       | 1            | -            | -            | -               | -            | -            | 2            | - 10         | 2            |
| Tenn.<br>Ala.     | 5<br>5       | 7<br>8       | -            | -            | -               | -            | 1            | 1            | 10<br>-      | 15<br>6      |
| Miss.             | -            | 1            | -            | -            | -               | -            | -            | -            | 5            | 1            |
| W.S. CENTRAL      | 5            | 11           | -            | -            | 1               | 1            | -            | -            | 14           | 67           |
| Ark.<br>La.       | 1            | 1<br>4       | -            | -            | -               | -            | -            | -            | 5            | 1<br>8       |
| Okla.             | 4            | 6            | -            | -            | 1               | 1            | -            | -            | 4            | 1            |
| Tex.              | -            | -            | -            | -            | -               | -            | -            | -            | 5            | 57           |
| MOUNTAIN<br>Mont. | 31           | 24<br>-      | -            | 1 -          | 6               | 2            | 3 -          | 3            | 71           | 37<br>-      |
| Idaho             | -            | -            | -            | -            | -               | -            | -            | -            | 2            | 1            |
| Wyo.<br>Colo.     | 4            | -<br>5       | -            | -            | -               | -            | 1            | 1            | 1<br>2       | 1            |
| N. Mex.           | 4            | 2            | -            | -            | 1               | -            | -            | -            | -            | -            |
| Ariz.<br>Utah     | 19<br>1      | 11<br>4      | -            | 1            | 4               | 1            | 1<br>1       | 1<br>1       | 57<br>7      | 21<br>5      |
| Nev.              | 3            | 2            | -            | -            | 1               | 1            | -            | -            | 2            | 9            |
| PACIFIC           | 7            | 15           | 2            | 2            | -               | 1            | 1            | 1            | 135          | 177          |
| Wash.<br>Oreg.    | 3<br>3       | - 8          | 2            | -            | -               | -            | 1            | -<br>1       | 6<br>12      | 2<br>14      |
| Calif.            | -            | 5            | -            | 2            | -               | 1            | -            | -            | 114          | 158          |
| Alaska<br>Hawaii  | -<br>1       | 2            | -            | -            | -               | -            | -            | -            | 1<br>2       | 1<br>2       |
| Guam              |              | -            | =            | _            | _               | -            | _            | -            | _            | _            |
| P.R.              | -            | -            | -            | -            | -               | -            | -            | -            | 1            | 3            |
| V.I.              | -            |              |              |              |                 | .5           |              | -            | -            | -            |
| Amer. Samoa       | U            | U            | U            | U            | U               | U            | U            | U            | U            | U            |

N: Not notifiable. U: Unavailable. : No reported cases.

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

| (7th Week)*               | Н            | epatitis (vira | I, acute), by ty | ре           |              |              | <u> </u>     |              | 1            |              |  |
|---------------------------|--------------|----------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
|                           |              | В              | C                |              | Legion       |              | Lister       |              | Lyme disease |              |  |
| Reporting area            | Cum.<br>2004 | Cum.<br>2003   | Cum.<br>2004     | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 |  |
| JNITED STATES             | 554          | 1,481          | 177              | 373          | 141          | 283          | 46           | 92           | 608          | 987          |  |
| NEW ENGLAND<br>Maine      | 24           | 38             | -                | -            | 1 -          | 5            | 1 -          | 3            | 8 -          | 45           |  |
| N.H.<br>/t.               | 6<br>1       | -<br>1         | -                | -            | -            | -<br>1       | -            | 1 -          | -            | 3            |  |
| ∕lass.                    | 17           | 27             | -                | -            | -            | 3            | -            | 2            | 1            | 41           |  |
| R.I.<br>Conn.             | -            | 10             | U                | Ū            | 1            | 1            | 1            | -            | 7            | 1 -          |  |
| IID. ATLANTIC             | 52           | 150            | 18               | 16           | 27           | 29           | 9            | 14           | 507          | 730          |  |
| Jpstate N.Y.<br>N.Y. City | 4<br>1       | 6<br>65        | 1 -              | 2            | 4            | 5<br>5       | 2<br>1       | 2<br>4       | 154          | 188<br>-     |  |
| l.J.                      | 23           | 35             | -                | -            | 6            | 3            | 3            | 2            | 57           | 151          |  |
| Pa.                       | 24           | 44             | 17               | 14           | 17           | 16           | 3            | 6            | 296          | 391          |  |
| E.N. CENTRAL<br>Ohio      | 38<br>22     | 70<br>23       | 11<br>2          | 18<br>1      | 40<br>27     | 41<br>16     | 5<br>3       | 7<br>1       | 12<br>12     | 26<br>4      |  |
| nd.                       | -            | -              | -                | -            | 1            | 10           | -            | 1            | -            | 2            |  |
| I.<br>⁄lich.              | 16           | 32             | 9                | 3<br>14      | -<br>11      | 9<br>12      | -<br>1       | 3<br>2       | -            | -            |  |
| Vis.                      | -            | 15             | -                | -            | 1            | 3            | 1            | -            | Ū            | 20           |  |
| V.N. CENTRAL              | 43           | 41             | 83               | 33           | 4            | 2            | -            | 2            | 9            | 3            |  |
| linn.                     | 3            | 2              | -                | -            | -            | -<br>1       | -            | 1 -          | 3<br>2       | 2            |  |
| owa<br>No.                | 36           | 33             | 83               | 33           | 3            | -            | -            | -            | 3            | 1            |  |
| I. Dak.                   | -            | -              | -                | -            | -            | -            | -            | -            | -            | -            |  |
| S. Dak.<br>lebr.          | 4            | 3              | -                | -            | 1 -          | -            | -            | 1            | -<br>-       | -            |  |
| ans.                      | -            | 2              | -                | -            | -            | 1            | -            | -            | 1            | -            |  |
| . ATLANTIC                | 211          | 828            | 25               | 87           | 36           | 172          | 14           | 44           | 58           | 145          |  |
| oel.<br>1d.               | 1<br>17      | 2<br>12        | 1                | 3            | 2<br>5       | -<br>11      | N<br>2       | N<br>2       | 39           | 19<br>39     |  |
| ).C.                      | 2            | -              | -                | -            | -            | -            | -            | -            | -            | -            |  |
| ′a.<br>V. Va.             | 9            | 4              | 1<br>1           | -            | 3            | 2            | -<br>1       | -            | -            | -            |  |
| I.C.                      | 23           | 16             | 1                | 1            | 6            | 4            | 4            | 1            | 12           | 6            |  |
| .C.<br>a.                 | -<br>75      | 1<br>157       | 6                | 4            | 5            | 4            | 4            | 1<br>2       | 1<br>-       | 1            |  |
| la.                       | 84           | 636            | 15               | 79           | 15           | 151          | 3            | 38           | 6            | 80           |  |
| S. CENTRAL                | 31           | 47             | 26               | 14           | 5            | 1            | 1            | 4            | -            | 6            |  |
| lý.<br>enn.               | 4<br>14      | 8<br>7         | 2<br>23          | 2<br>2       | 1<br>3       | 1            | 1 -          | -            | -            | -<br>1       |  |
| la.                       | 2            | 15             | -                | 2            | 1            | -            | -            | 3            | -            | -            |  |
| liss.                     | 11           | 17             | 1                | 8            | -            | -            | <del>-</del> | 1            | -            | 5            |  |
| V.S. CENTRAL<br>.rk.      | 6<br>2       | 111<br>13      | 7                | 191<br>1     | 4            | 16           | 1            | 5            | -            | 17           |  |
| a.                        | 4            | 21             | 6                | 25           | -            | -            | -            | -            | -            | 2            |  |
| Okla.<br>ex.              | -            | 6<br>71        | 1                | -<br>165     | 1<br>3       | 2<br>14      | 1            | 5            | -            | 15           |  |
| MOUNTAIN                  | 65           | 83             | 2                | 5            | 9            | 7            | 4            | 8            | 2            | 2            |  |
| Mont.                     | -            | 2              | -                | -            | -            | -            | -            | 1            | -            | -            |  |
| daho<br>Vyo.              | 1<br>1       | 1              | -                | -            | 1<br>2       | 1            | -            | -            | -<br>1       | 1            |  |
| olo.                      | 7            | 2<br>9         | -                | 2            | 1            | 1            | -            | 5            | -            | -            |  |
| l. Mex.<br>riz.           | 2<br>43      | 5<br>48        | -<br>1           | 2            | 2            | 2            | 3            | 2            | -            | _            |  |
| ltah                      | 4            | 4              | -                | -            | 2            | 1            | -            | -            | 1            | -            |  |
| ev.                       | 7            | 12             | 1                | 1            | 1            | 1            | 1            | -            | -            | 1            |  |
| ACIFIC<br>/ash.           | 84<br>7      | 113<br>3       | 5<br>1           | 9<br>1       | 15<br>3      | 10           | 11<br>2      | 5            | 12<br>1      | 13           |  |
| reg.                      | 15           | 21             | 1                | 2            | N            | N            | 3            | -            | 1            | 3            |  |
| alif.<br>Jaska            | 60<br>2      | 85<br>1        | 2                | 5            | 12           | 10           | 6            | 5            | 10           | 10           |  |
| lawaii                    | -            | 3              | 1                | 1            | -            | -            | -            | -            | N            | N            |  |
| Guam                      | -            | -              | -                | -            | -            | -            | -            | -            | -            | -            |  |
| .R.<br>.I.                | 1            | 10             | -                | -            | -            | -            | -            | -            | N            | N            |  |
| mer. Samoa                | Ū            | U              | Ū                | U            | Ū            | Ū            | Ū            | Ū            | Ū            | U            |  |
| C.N.M.I.                  | -            | Ü              |                  | Ū            | -            | Ū            | -            | Ü            | -            | Ū            |  |

N: Not notifiable. U: Unavailable. -: No reported cases.

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

| (7th Week)*                   | Mal               | laria        | Mening<br>dis | ococcal<br>ease | Pertu        | ıssis        | Rabies       | , animal     |              | lountain<br>d fever |
|-------------------------------|-------------------|--------------|---------------|-----------------|--------------|--------------|--------------|--------------|--------------|---------------------|
| Reporting area                | Cum.<br>2004      | Cum.<br>2003 | Cum.<br>2004  | Cum.<br>2003    | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003        |
| UNITED STATES                 | 115               | 218          | 247           | 311             | 845          | 821          | 300          | 624          | 62           | 50                  |
| NEW ENGLAND                   | 8                 | 7            | 7             | 10              | 259          | 99           | 27           | 54           | 4            | -                   |
| Maine<br>N.H.                 | <del>-</del><br>- | 1<br>2       | -             | 1 -             | 4            | -            | 1<br>1       | 4<br>3       | -            | -                   |
| Vt.                           | -                 | -            | 1             | -               | 10           | 17           | 3            | 3            | -            | -                   |
| Mass.<br>R.I.                 | 6                 | 4            | 6             | 8 -             | 243          | 81<br>-      | 12           | 21           | 4            | -                   |
| Conn.                         | 2                 | -            | -             | 1               | 2            | 1            | 10           | 23           | -            | -                   |
| MID. ATLANTIC<br>Upstate N.Y. | 16<br>4           | 30<br>4      | 30<br>7       | 27<br>3         | 234<br>168   | 73<br>31     | 67<br>38     | 87<br>34     | 4            | 6                   |
| N.Y. City                     | 6                 | 15           | 5             | 8               | -            | -            | -            | 1            | 1            | 1                   |
| N.J.<br>Pa.                   | 6                 | 3<br>8       | 3<br>15       | 3<br>13         | 18<br>48     | 14<br>28     | 29           | 21<br>31     | 3            | 4<br>1              |
| E.N. CENTRAL                  | 12                | 13           | 35            | 34              | 120          | 63           | 1            | 4            | -            | 1                   |
| Ohio                          | 4                 | 3            | 20            | 11              | 71           | 44           | 1            | -            | -            | 1                   |
| Ind.<br>III.                  | -                 | 7            | 2<br>1        | 4<br>6          | 1 -          | -            | -            | 2            | -            | -                   |
| Mich.<br>Wis.                 | 5<br>3            | 2<br>1       | 10<br>2       | 9<br>4          | 13<br>35     | 6<br>13      | -            | 2            | -            | -                   |
| W.N. CENTRAL                  | 8                 | 4            | 11            | 12              | 35<br>44     | 21           | 37           | 62           | 1            | 1                   |
| Minn.                         | 4                 | 2            | 1             | 1               | 3            | -            | 7            | 3            | -            | -                   |
| lowa<br>Mo.                   | 1<br>2            | 2            | 2 3           | 4<br>6          | 6<br>28      | 4<br>11      | 8<br>2       | 5            | -<br>1       | 1                   |
| N. Dak.                       | -                 | -            | -             | -               | 1            | -            | 7            | 8            | -            | -                   |
| S. Dak.<br>Nebr.              | -                 | -            | 1 -           | -               | -            | 1 -          | -            | 6<br>5       | -            | -                   |
| Kans.                         | 1                 | -            | 4             | 1               | 6            | 5            | 13           | 35           | -            | -                   |
| S. ATLANTIC<br>Del.           | 46                | 113          | 49            | 130<br>4        | 47<br>2      | 168          | 128<br>1     | 369          | 48           | 39                  |
| Md.                           | 14                | 12           | 4             | 4               | 13           | 12           | 13           | 36           | 3            | 5                   |
| D.C.<br>Va.                   | 1<br>3            | -<br>1       | 2             | 3               | 1<br>7       | -<br>1       | -            | -<br>44      | -            | -                   |
| W. Va.                        | -                 | 1            | 3             | -               | -            | -            | 9            | 7            | -            | -                   |
| N.C.<br>S.C.                  | 1<br>1            | 4            | 5<br>1        | 4<br>4          | 11<br>2      | 27           | 68<br>7      | 66<br>15     | 43           | 16                  |
| Ga.                           | 6<br>20           | 3<br>92      | 10<br>24      | 4<br>107        | -<br>11      | 14<br>114    | 30           | 36<br>165    | 2            | -                   |
| Fla.<br>E.S. CENTRAL          | 20<br>1           | 92<br>4      | 13            | 107             | 16           | 114          | 9            | 14           | 4            | 18<br>1             |
| Ky.                           | -                 | 1            | 2             | 1               | 1            | 3            | 2            | 3            | -            | -                   |
| Tenn.<br>Ala.                 | 1                 | 1<br>2       | 4<br>2        | 3<br>3          | 11<br>1      | 7<br>7       | 5<br>2       | 10<br>1      | 1<br>1       | 1                   |
| Miss.                         | -                 | -            | 5             | 5               | 3            | 2            | -            | -            | 2            | -                   |
| W.S. CENTRAL                  | 4                 | 14           | 25            | 32              | 2            | -            | 12           | 10           | -            | 2                   |
| Ark.<br>La.                   | 1<br>2            | 1            | 3<br>7        | 1<br>11         | 1<br>1       | -            | 4 -          | -            | -            | -                   |
| Okla.<br>Tex.                 | 1                 | 13           | 1<br>14       | 3<br>17         | -            | -            | 8            | 10           | -            | 2                   |
| MOUNTAIN                      | 4                 | 5            | 13            | 9               | 73           | 115          | 12           | 11           | _            | _                   |
| Mont.                         | -                 | -            | 1             | -               | 4            | -            | -            | 1            | -            | -                   |
| Idaho<br>Wyo.                 | <del>-</del><br>- | 1 -          | 1<br>1        | -               | 13<br>2      | 4 -          | -            | -            | -            | -                   |
| Colo.                         | 1                 | 3            | 4             | 1               | 40           | 49           | -            | -            | -            | -                   |
| N. Mex.<br>Ariz.              | 1<br>-            | 1            | 1<br>4        | 1<br>4          | 1<br>6       | 12<br>36     | 12           | 10           | -            | -                   |
| Utah                          | 1                 | -            | 1             | -               | 7            | 9            | -            | -            | -            | -                   |
| Nev.<br>PACIFIC               | 1<br>16           | 28           | 64            | 3<br>45         | 50           | 5<br>263     | -<br>7       | 13           | 1            | -                   |
| Wash.                         | 2                 | 4            | 3             | 2               | 32           | 15           | -            | -            | -            | -                   |
| Oreg.<br>Calif.               | 1<br>13           | 5<br>19      | 11<br>48      | 10<br>32        | 17<br>-      | 35<br>212    | 7            | -<br>12      | -<br>1       | -                   |
| Alaska                        | -                 | -            | -             | -               | 1            | -            | -            | 1            | -            | -                   |
| Hawaii                        | -                 | -            | 2             | 1               | -            | 1            | -            | -            | -            | -                   |
| Guam<br>P.R.                  | -                 | -            | -             | 1               | -            | -            | 10           | 6            | N            | N                   |
| V.I.<br>Amer. Samoa           | -<br>U            | -<br>U       | -<br>U        | -<br>U          | -<br>U       | -<br>U       | U            | U            | -<br>U       | -<br>U              |
| C.N.M.I.                      | -                 | Ü            | -             | Ü               | -            | Ü            | -            | Ü            | -            | Ü                   |

N: Not notifiable. U: Unavailable. - : No reported cases.

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

| (7th Week)*               |              |              | 1            |              | <del></del>  |              | Stron        | tococcus pne | umoniae inv    | asiva        |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
|                           |              |              |              |              | Streptococo  | al disease,  | Drug res     |              | Intrastre      |              |
|                           |              | nellosis     | Shige        | 1            | invasive,    |              | all ag       |              |                | years        |
| Reporting area            | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004 | Cum.<br>2003 | Cum.<br>2004   | Cum.<br>2003 |
| UNITED STATES             | 2,875        | 7,693        | 1,160        | 5,158        | 610          | 1,021        | 411          | 855          | 36             | 65           |
| NEW ENGLAND               | 123          | 123          | 31           | 47           | 28           | 68           | -            | 18           | -              | -            |
| Maine<br>N.H.             | 5<br>5       | 6<br>6       | 2            | 2            | 1<br>5       | 1            | -            | -            | N              | -<br>N       |
| Vt.                       | 4            | 4            | -            | 1            | -            | 2            | -            | 3            | -              | -            |
| Mass.<br>R.I.             | 80<br>4      | 81<br>5      | 23           | 33<br>2      | 20<br>2      | 37           | N<br>-       | N            | N              | N            |
| Conn.                     | 25           | 21           | 6            | 9            | -            | 28           | -            | 15           | Ū              | Ü            |
| MID. ATLANTIC             | 314          | 413          | 124          | 241          | 83           | 154          | 24           | 17           | 8              | 14           |
| Upstate N.Y.<br>N.Y. City | 62<br>97     | 40<br>141    | 48<br>34     | 26<br>57     | 35<br>3      | 38<br>25     | 9<br>U       | 7<br>U       | 4<br>U         | 12<br>U      |
| N.J.                      | 53           | 86           | 20           | 62           | 15           | 38           | N            | N            | N              | N            |
| Pa.                       | 102          | 146          | 22           | 96           | 30           | 53           | 15           | 10           | 4              | 2            |
| E.N. CENTRAL<br>Ohio      | 388<br>130   | 501<br>146   | 103<br>32    | 204<br>44    | 107<br>46    | 208<br>49    | 99<br>83     | 64<br>55     | 21<br>16       | 38<br>26     |
| Ind.                      | 22           | 25           | 4            | 8            | 5            | 9            | 16           | 9            | 5              | 2            |
| III.<br>Mich.             | 97<br>78     | 197<br>68    | 37<br>19     | 99<br>31     | 1<br>52      | 61<br>61     | -<br>N       | N            | N              | -<br>N       |
| Wis.                      | 61           | 65           | 11           | 22           | 3            | 28           | N            | N            | -              | 10           |
| W.N. CENTRAL              | 168          | 173          | 44           | 105          | 33           | 46           | 33           | 44           | 3              | 7            |
| Minn.<br>Iowa             | 39<br>31     | 41<br>48     | 10<br>2      | 7<br>2       | N            | 17<br>N      | -<br>N       | N            | 3<br>N         | 5<br>N       |
| Mo.                       | 49           | 44           | 14           | 42           | 10           | 12           | 1            | 1            | -              | -            |
| N. Dak.<br>S. Dak.        | 4<br>9       | 4<br>5       | 1<br>1       | - 8          | 3<br>4       | 1<br>5       | -            | 1            | -              | 2            |
| Nebr.                     | 12           | 11           | 2            | 34           | 1            | 5            | <del>-</del> | -            | N              | N            |
| Kans.                     | 24           | 20           | 14           | 12           | 15           | 6            | 32           | 42           | N              | N            |
| S. ATLANTIC<br>Del.       | 789<br>2     | 5,248<br>8   | 349<br>1     | 3,589<br>59  | 191          | 297<br>1     | 221<br>1     | 678          | 1<br>N         | N            |
| Md.                       | 52           | 79           | 17           | 105          | 32           | 33           | -            | 1            | -              |              |
| D.C.<br>Va.               | 2<br>78      | 44           | 6<br>11      | 28           | 7            | 1            | N            | N            | 1<br>N         | -<br>N       |
| W. Va.                    | 1            | 2            | -            | -            | 6            | -            | 8            | 8            | -              | -            |
| N.C.<br>S.C.              | 112<br>43    | 168<br>46    | 47<br>15     | 119<br>19    | 17<br>1      | 17<br>2      | N<br>14      | N<br>24      | U<br>N         | U<br>N       |
| Ga.                       | 156          | 232          | 74           | 410          | 96           | 12           | 107          | 34           | N              | N            |
| Fla.                      | 343          | 4,669        | 178          | 2,849        | 32           | 231          | 91           | 611          | N              | N            |
| E.S. CENTRAL<br>Ky.       | 154<br>16    | 218<br>34    | 59<br>5      | 114<br>19    | 32<br>14     | 18<br>3      | 18<br>6      | 10           | N              | N            |
| Tenn.                     | 42           | 70           | 27           | 27           | 18           | 15           | 12           | 10           | N              | N            |
| Ala.<br>Miss.             | 60<br>36     | 75<br>39     | 15<br>12     | 48<br>20     | -            | -            | -            | -            | N<br>-         | N<br>-       |
| W.S. CENTRAL              | 162          | 293          | 139          | 382          | 22           | 81           | 9            | 19           | 3              | 5            |
| Ark.                      | 23           | 37           | 7            | 3            | 2            | 1            | 1            | 2            | -              | 2            |
| La.<br>Okla.              | 11<br>24     | 42<br>21     | 12<br>37     | 51<br>69     | 9            | 11           | 8<br>N       | 17<br>N      | 1<br>1         | 1<br>2       |
| Tex.                      | 104          | 193          | 83           | 259          | 11           | 69           | N            | N            | 1              | -            |
| MOUNTAIN<br>Mont.         | 287<br>9     | 199<br>7     | 146<br>2     | 118          | 31           | 87           | 7            | 5            | -              | 1            |
| Idaho                     | 27           | 15           | -            | 2            | 1            | 5            | N            | N            | N              | N            |
| Wyo.<br>Colo.             | 2<br>33      | 3<br>64      | 1<br>12      | 1<br>21      | 3<br>11      | 24           | 3            | -            | -              | -            |
| N. Mex.                   | 18           | 16           | 18           | 23           | 10           | 19           | 3            | 5            | -              | -            |
| Ariz.<br>Utah             | 163<br>20    | 62<br>15     | 96<br>8      | 64<br>3      | 4<br>2       | 37<br>2      | -            | -            | N              | N<br>1       |
| Nev.                      | 15           | 17           | 9            | 4            | -            | -            | 1            | -            | -              | -            |
| PACIFIC                   | 490          | 525          | 165          | 358          | 83           | 62           | -            | -            | . <del>-</del> | -            |
| Wash.<br>Oreg.            | 33<br>38     | 30<br>28     | 7<br>9       | 6<br>8       | -<br>N       | N            | N            | -<br>N       | N<br>N         | N<br>N       |
| Calif.                    | 365          | 433          | 141          | 337          | 60           | 46           | N            | N            | N              | N            |
| Alaska<br>Hawaii          | 17<br>37     | 14<br>20     | - 8          | 2<br>5       | 23           | 16           | -            | -            | N<br>-         | N<br>-       |
| Guam                      | -            | -            | -            | -            | -            | -            | _            | _            | _              | _            |
| P.R.                      | 9            | 50           | 1            | 1            | N            | N            | N            | N            | N              | N            |
| V.I.<br>Amer. Samoa       | U            | U            | Ū            | U            | U            | Ū            | U            | Ū            | Ū              | Ū            |
| C.N.M.I.                  | -            | U            | -            | U            | -            | U            | -            | U            | -              | U            |

N: Not notifiable. U: Unavailable. - : No reported cases.

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003 (7th Week)\*

| (7th Week)*                   |              |              |              |              |              |              |              |              |              |              |  |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
|                               |              | Syphil       |              |              |              |              |              |              | Varice       |              |  |
|                               |              | secondary    | f            | genital      |              | culosis      | 1            | d fever      | (Chicke      |              |  |
| Reporting area                | Cum.<br>2004 | Cum.<br>2003 |  |
| UNITED STATES                 | 705          | 901          | 22           | 65           | 524          | 1,112        | 23           | 44           | 1,418        | 2,244        |  |
| NEW ENGLAND                   | 9            | 21           | -            | -            | 17           | 22           | 2            | 1            | 137          | 435          |  |
| Maine<br>N.H.                 | -<br>1       | 1            | -            | -            | -            | 1            | -            | -            | 6            | 233          |  |
| Vt.                           | -            | -            | -            | -            | -            | -            | -            | -            | 131          | 160          |  |
| Mass.<br>R.I.                 | 5<br>2       | 17<br>1      | -            | -            | 13<br>3      | 6<br>5       | 2            | -            | -            | 42           |  |
| Conn.                         | 1            | 2            | -            | -            | 1            | 10           | -            | 1            | -            | -            |  |
| MID. ATLANTIC<br>Upstate N.Y. | 86<br>5      | 105<br>3     | 4<br>2       | 9<br>1       | 154          | 195<br>12    | 2            | 7            | 8            | 3            |  |
| N.Y. City                     | 43           | 47           | 2            | 3            | 132          | 110          | <del>-</del> | 3            | -            | -            |  |
| N.J.<br>Pa.                   | 19<br>19     | 29<br>26     | -            | 5            | 22           | 26<br>47     | 1<br>1       | 3<br>1       | 8            | 3            |  |
| E.N. CENTRAL                  | 69           | 133          | 10           | 15           | 117          | 82           | 2            | 4            | 716          | 1,121        |  |
| Ohio<br>Ind.                  | 26<br>8      | 23<br>5      | -            | 1<br>5       | 15<br>13     | 12<br>16     | 1            | 2            | 133          | 258          |  |
| III.                          | 18           | 49           | -            | 8            | 74           | 38           | -            | 1            | -            | -            |  |
| Mich.<br>Wis.                 | 14<br>3      | 54<br>2      | 10           | 1            | 8<br>7       | 13<br>3      | 1            | 1            | 551<br>32    | 707<br>156   |  |
| W.N. CENTRAL                  | 12           | 30           | _            | _            | 42           | 45           | _            | _            | 25           | 2            |  |
| Minn.                         | -            | 9            | -            | -            | 10           | 11           | -            | -            | -            | -            |  |
| Iowa<br>Mo.                   | 9            | 2<br>12      | -            | -            | 11           | 3<br>13      | -            | -            | N<br>-       | N<br>-       |  |
| N. Dak.<br>S. Dak.            | -            | -            | -            | -            | -            | -<br>4       | -            | -            | 12<br>13     | 2            |  |
| Nebr.                         | 3            | -            | -            | -            | -            | -            | -            | -            | -            | -            |  |
| Kans.                         | -            | 7            | -            | -            | 21           | 14           | -            | -            | -            | -            |  |
| S. ATLANTIC<br>Del.           | 203<br>1     | 202<br>1     | 1 -          | 11           | 34           | 166          | 5<br>-       | 17<br>-      | 197          | 338<br>1     |  |
| Md.                           | 34           | 33           | -            | 3            | 12           | 11           | 1            | 2            | 1            | -            |  |
| D.C.<br>Va.                   | 12<br>1      | 3<br>10      | -            | 1            | -            | -<br>17      | 1            | -            | 4            | 65           |  |
| W. Va.<br>N.C.                | 20           | 22           | -            | -            | 2<br>7       | 1<br>13      | 2            | -            | 185          | 262          |  |
| S.C.                          | 18           | 14           | -            | 3            | 13           | 14           | -            | -            | 7            | 10           |  |
| Ga.<br>Fla.                   | 13<br>104    | 36<br>83     | 1            | 3<br>1       | -            | 47<br>63     | 1            | -<br>15      | -            | -            |  |
| E.S. CENTRAL                  | 45           | 48           | 1            | 2            | 35           | 41           | -            | -            | _            | -            |  |
| Ky.<br>Tenn.                  | 9<br>22      | 10<br>20     | -<br>1       | 1<br>1       | 1<br>20      | -<br>12      | -            | -            | -            | -            |  |
| Ala.                          | 11           | 16           | -            | -            | 14           | 22           | -            | -            | -            | -            |  |
| Miss.                         | 3            | 2            | -            | -            | -            | 7            | -            | -            | -            | -            |  |
| W.S. CENTRAL<br>Ark.          | 131<br>7     | 106<br>8     | 6            | 8            | 21<br>9      | 197<br>9     | 1 -          | -            | -            | 335          |  |
| La.                           | 23           | 12           | -            | -            | -            | -            | -            | -            | -            | 3            |  |
| Okla.<br>Tex.                 | 4<br>97      | 5<br>81      | 6            | 8            | 12<br>-      | 10<br>178    | 1            | -            | -            | 332          |  |
| MOUNTAIN                      | 55           | 34           | -            | 12           | 26           | 20           | 2            | 2            | 335          | 10           |  |
| Mont.<br>Idaho                | 4            | -            | -            | -            | -            | -            | -            | -            | -            | -            |  |
| Wyo.                          | 1            | -            | -            | -            | -            | 1            | -            | -            | 11           | 2            |  |
| Colo.<br>N. Mex.              | 13           | 7<br>9       | -            | 2<br>4       | 7            | 12           | -            | 2            | 215<br>7     | -            |  |
| Ariz.<br>Utah                 | 34<br>1      | 16<br>1      | -            | 6            | 13<br>6      | 7            | -<br>1       | -            | 102          | - 8          |  |
| Nev.                          | 2            | 1            | -            | -            | -            | -            | 1            | -            | -            | -            |  |
| PACIFIC                       | 95           | 222          | -            | 8            | 78           | 344          | 9            | 13           | -            | -            |  |
| Wash.<br>Oreg.                | 11<br>9      | 7<br>5       | -            | -            | 33<br>8      | 23<br>9      | 1 -          | 2            | -            | -            |  |
| Calif.                        | 75           | 206          | -            | 8            | 17           | 289          | 6            | 11           | -            | -            |  |
| Alaska<br>Hawaii              | -            | 4            | -            | -            | 4<br>16      | 7<br>16      | 2            | -            | -            | -            |  |
| Guam                          | -            | -            | -            | -            | -            | -            | -            | -            | -            | -            |  |
| P.R.<br>V.I.                  | 10           | 9<br>1       | -            | 1            | -            | -            | -            | -            | 36           | 48           |  |
| Amer. Samoa                   | U            | U            | Ū            | U            | U            | U            | Ū            | Ü            | Ū            | Ü            |  |
| C.N.M.I.                      | -            | U            | -            | U            | -            | U            | -            | U            | -            | U            |  |

N: Not notifiable. U: Unavailable. - : No reported cases.

\* Incidence data for reporting years 2003 and 2004 are provisional and cumulative (year-to-date).

| TABLE III. Deaths                       | in 122 U.                  |             |           |          |         | ry 21,  | 2004 (7          | h Week)  All causes, by age (years)        |                     |             |           |          |         |                  |          |
|---|----------------------------|-------------|-----------|----------|---------|---------|------------------|--|---------------------|-------------|-----------|----------|---------|------------------|----------|
|   | All causes, by age (years) |             |           |          |         |         | P&I <sup>†</sup> |  | All All             |             |           |          |         | P&I <sup>†</sup> |          |
| Reporting Area                          | Ages                       | ≥65         | 45-64     | 25-44    | 1-24    | <1      | Total            | Reporting Area                             | Ages                | <u>≥</u> 65 | 45-64     | 25-44    | 1-24    | <1               | Total    |
| NEW ENGLAND<br>Boston, Mass.            | 577<br>151                 | 401<br>92   | 110<br>35 | 33<br>9  | 18<br>8 | 15<br>7 | 72<br>17         | S. ATLANTIC<br>Atlanta, Ga.                | 1,386<br>193        | 907<br>109  | 311<br>49 | 98<br>16 | 32<br>5 | 36<br>14         | 93<br>9  |
| Bridgeport, Conn.                       | 32                         | 26          | 5         | 1        | -       | -       | 4                | Baltimore, Md.                             | 162                 | 97          | 34        | 25       | 5       | 1                | 20       |
| Cambridge, Mass.                        | 23                         | 15          | 7         | -        | 1       | -       | 4                | Charlotte, N.C.                            | 128                 | 83          | 29        | 6        | 1       | 9                | 12       |
| Fall River, Mass.                       | 23                         | 20          | 3         | -        | -       | -       | .1               | Jacksonville, Fla.                         | 141                 | 93          | 36        | 9        | 2       | 1                | 8        |
| Hartford, Conn.<br>Lowell, Mass.        | 54<br>30                   | 37<br>26    | 11<br>2   | 2        | 3       | 1       | 10<br>3          | Miami, Fla.<br>Norfolk, Va.                | 158<br>44           | 105<br>37   | 37<br>5   | 12<br>1  | 4       | -<br>1           | 8<br>1   |
| Lynn, Mass.                             | 7                          | 3           | 2         | 2        | -       | -       | 1                | Richmond, Va.                              | 86                  | 49          | 27        | 6        | 1       | 3                | 9        |
| New Bedford, Mass.                      | 26                         | 23          | 3         | -        | -       | -       | 3                | Savannah, Ga.                              | 73                  | 55          | 13        | -        | 3       | 2                | 3        |
| New Haven, Conn.                        | 46                         | 26          | 13        | 4        | 2       | 1       | 9                | St. Petersburg, Fla.                       | 64                  | 51          | 9         | 4        | -       | -                | 6        |
| Providence, R.I.                        | 67<br>5                    | 45<br>3     | 12        | 5        | 4       | 1       | 6                | Tampa, Fla.<br>Washington, D.C.            | 235                 | 172         | 47        | 7        | 5<br>6  | 4                | 13<br>4  |
| Somerville, Mass.<br>Springfield, Mass. | 39                         | 26          | 2<br>8    | 3        | -       | 2       | 5                | Wilmington, D.C.                           | 102<br>U            | 56<br>U     | 25<br>U   | 12<br>U  | U       | 1<br>U           | U<br>U   |
| Waterbury, Conn.                        | 27                         | 20          | 2         | 3        | -       | 2       | 2                | ] "  |                     |             |           |          |         |                  |          |
| Worcester, Mass.                        | 47                         | 39          | 5         | 2        | -       | 1       | 7                | E.S. CENTRAL<br>Birmingham, Ala.           | 824<br>189          | 538<br>115  | 193<br>42 | 57<br>20 | 17<br>5 | 19<br>7          | 69<br>20 |
| MID. ATLANTIC                           | 2,366                      | 1,689       | 476       | 137      | 37      | 27      | 163              | Chattanooga, Tenn.                         | 87                  | 63          | 15        | 2        | 1       | 6                | 10       |
| Albany, N.Y.                            | 53                         | 38          | 11        | 2        | 1       | 1       | 3                | Knoxville, Tenn.                           | 102                 | 70          | 26        | 5        | 1       | -                | -        |
| Allentown, Pa.                          | 9                          | 9           |           | -        | -       | -       | 2                | Lexington, Ky.                             | 57                  | 37          | 16        | 3        | 1       | -                | 6        |
| Buffalo, N.Y.<br>Camden, N.J.           | 103<br>37                  | 70<br>21    | 17<br>8   | 9<br>5   | 2       | 5<br>1  | 19<br>2          | Memphis, Tenn.                             | 148<br>86           | 101<br>55   | 33<br>23  | 9<br>6   | 4<br>1  | 1<br>1           | 17<br>2  |
| Elizabeth, N.J.                         | 16                         | 12          | 3         | 1        | -       | -       | -                | Mobile, Ala.<br>Montgomery, Ala.           | 22                  | 15          | 4         | 2        | 1       | -                | 3        |
| Erie, Pa.                               | 33                         | 24          | 5         | 1        | 2       | 1       | 1                | Nashville, Tenn.                           | 133                 | 82          | 34        | 10       | 3       | 4                | 11       |
| Jersey City, N.J.                       | 28                         | 19          | 8         | 1        | -       | -       | -                | W.S. CENTRAL                               | 1,610               | 1,080       | 315       | 121      | 49      | 45               | 98       |
| New York City, N.Y.                     | 1,325                      | 936         | 282       | 75       | 21      | 11      | 94               | Austin, Tex.                               | 82                  | 57          | 17        | 6        | 1       | 1                | 2        |
| Newark, N.J.<br>Paterson, N.J.          | 44<br>32                   | 29<br>16    | 6<br>6    | 8<br>10  | 1       | -       | 5<br>3           | Baton Rouge, La.                           | 54                  | 36          | 9         | 8        | 1       | -                | -        |
| Philadelphia, Pa.                       | 263                        | 182         | 63        | 13       | 3       | 2       | 9                | Corpus Christi, Tex.                       | 59                  | 36          | 11        | 4        | 7       | 1                | 3        |
| Pittsburgh, Pa.§                        | 22                         | 13          | 6         | 2        | 1       | -       | 1                | Dallas, Tex.<br>El Paso, Tex.              | 205<br>80           | 129<br>63   | 38<br>15  | 21<br>1  | 8<br>1  | 9                | 18<br>3  |
| Reading, Pa.                            | 30                         | 25          | 5         | -        | -       | -       | 1_               | Ft. Worth, Tex.                            | 110                 | 75          | 21        | 6        | 5       | 3                | 4        |
| Rochester, N.Y.                         | 126<br>22                  | 98<br>19    | 19<br>3   | 5        | 4       | -       | 7<br>2           | Houston, Tex.                              | 420                 | 266         | 93        | 35       | 7       | 19               | 28       |
| Schenectady, N.Y.<br>Scranton, Pa.      | 31                         | 26          | 5<br>5    | -        | -       | -       | 1                | Little Rock, Ark.                          | 68                  | 39          | 21        | 4        | 2       | 2                | 3        |
| Syracuse, N.Y.                          | 106                        | 85          | 14        | 2        | -       | 5       | 8                | New Orleans, La.                           | 43                  | 31          | 8         | 4        | - 40    | 7                | -        |
| Trenton, N.J.                           | 38                         | 28          | 9         | -        | -       | 1       | 1                | San Antonio, Tex.<br>Shreveport, La.       | 265<br>70           | 187<br>52   | 43<br>11  | 16<br>5  | 12<br>1 | 1                | 26<br>6  |
| Utica, N.Y.                             | 20                         | 18          | 1<br>5    | 1<br>2   | -       | -       | 2<br>2           | Tulsa, Okla.                               | 154                 | 109         | 28        | 11       | 4       | 2                | 5        |
| Yonkers, N.Y.                           | 28                         | 21          |           |          |         |         |                  | MOUNTAIN                                   | 992                 | 649         | 225       | 78       | 23      | 14               | 57       |
| E.N. CENTRAL<br>Akron, Ohio             | 2,148<br>52                | 1,463<br>36 | 460<br>12 | 133<br>1 | 41<br>1 | 48<br>2 | 146<br>8         | Albuquerque, N.M.                          | 127                 | 84          | 34        | 7        | 2       | -                | 9        |
| Canton, Ohio                            | 37                         | 27          | 8         | 2        | -       | -       | 4                | Boise, Idaho                               | 37                  | 30          | 2         | 1        | 3       | 1                | 2        |
| Chicago, III.                           | 358                        | 213         | 95        | 24       | 8       | 15      | 19               | Colo. Springs, Colo.<br>Denver, Colo.      | 55<br>114           | 42<br>71    | 9<br>30   | 4<br>8   | 3       | -<br>1           | 3<br>5   |
| Cincinnati, Ohio                        | 107                        | 74          | 20        | 3        | 4       | 6       | 11               | Las Vegas, Nev.                            | 256                 | 162         | 66        | 19       | 3<br>7  | 2                | 14       |
| Cleveland, Ohio<br>Columbus, Ohio       | 262<br>194                 | 194<br>130  | 56<br>39  | 8<br>17  | 1<br>5  | 3       | 11<br>13         | Ogden, Utah                                | 21                  | 14          | 5         | 2        | -       | -                | 2        |
| Dayton, Ohio                            | 140                        | 103         | 27        | 8        | 2       | -       | 12               | Phoenix, Ariz.                             | 105                 | 57          | 30        | 9        | 2       | 5                | -        |
| Detroit, Mich.                          | 164                        | 90          | 45        | 19       | 7       | 3       | 9                | Pueblo, Colo.<br>Salt Lake City, Utah      | 26<br>94            | 18<br>55    | 2<br>27   | 6<br>8   | 2       | 2                | 1<br>9   |
| Evansville, Ind.                        | 38                         | 27          | 7         | 3        | -       | 1       | 4                | Tucson, Ariz.                              | 157                 | 116         | 20        | 14       | 4       | 3                | 12       |
| Fort Wayne, Ind.                        | 59<br>22                   | 43<br>13    | 12<br>5   | 4        | 1       | 3       | 5                | PACIFIC                                    | 2,673               | 1,951       | 465       | 150      | 69      | 38               | 282      |
| Gary, Ind.<br>Grand Rapids, Mich.       | 73                         | 54          | 12        | 5        | -       | 2       | 11               | Berkeley, Calif.                           | 2,673               | 1,931       | 465       | 130      | 1       | 2                | 202      |
| Indianapolis, Ind.                      | 206                        | 144         | 39        | 10       | 5       | 8       | 17               | Fresno, Calif.                             | 121                 | 92          | 19        | 5        | -       | 5                | 4        |
| Lansing, Mich.                          | 42                         | 31          | 6         | 4        | 1       | -       | 7                | Glendale, Calif.                           | 83                  | 71          | 8         | 2        | 1       | 1                | 15       |
| Milwaukee, Wis.                         | 102<br>50                  | 69<br>37    | 26        | 6<br>1   | 1       | -       | 5                | Honolulu, Hawaii<br>Long Beach, Calif.     | 79<br>05            | 57          | 7         | 7<br>6   | 4<br>5  | 4<br>1           | 4<br>12  |
| Peoria, III.<br>Rockford, III.          | 41                         | 31          | 12<br>5   | 4        | 1       |         | 1<br>2           | Los Angeles, Calif.                        | 95<br>1,336         | 68<br>966   | 15<br>248 | 68       | 36      | 18               | 150      |
| South Bend, Ind.                        | 44                         | 35          | 5         | 3        | 1       | -       | -                | Pasadena, Calif.                           | 36                  | 30          | 5         | 1        | -       | -                | 3        |
| Toledo, Ohio                            | 89                         | 61          | 17        | 6        | 3       | 2       | 6                | Portland, Oreg.                            | 143                 | 100         | 31        | 6        | 4       | 2                | 8        |
| Youngstown, Ohio                        | 68                         | 51          | 12        | 5        | -       | -       | 1                | Sacramento, Calif.                         | U                   | U           | U         | U        | U       | U                | U        |
| W.N. CENTRAL                            | 905                        | 635         | 180       | 51       | 19      | 20      | 95               | San Diego, Calif.<br>San Francisco, Calif. | 156<br>161          | 115<br>110  | 28<br>31  | 8<br>16  | 4<br>2  | 1<br>2           | 15<br>26 |
| Des Moines, Iowa                        | 120                        | 78          | 32        | 6        | 3       | 1       | 13               | San Jose, Calif.                           | 170                 | 127         | 30        | 7        | 4       | 2                | 25       |
| Duluth, Minn.<br>Kansas City, Kans.     | 32<br>38                   | 24<br>26    | 6<br>7    | 2<br>4   | -       | -<br>1  | 2<br>7           | Santa Cruz, Calif.                         | 33                  | 30          | 1         | 1        | 1       | -                | 4        |
| Kansas City, Mo.                        | 36<br>86                   | 26<br>55    | 22        | 6        | -       | 3       | 10               | Seattle, Wash.                             | 89                  | 63          | 18        | 7        | 1       | -                | 2        |
| Lincoln, Nebr.                          | 66                         | 56          | 5         | 2        | 1       | 2       | 6                | Spokane, Wash.<br>Tacoma, Wash.            | 53                  | 37<br>75    | 9         | 6<br>9   | 1<br>5  | -                | 5<br>7   |
| Minneapolis, Minn.                      | 64                         | 45          | 9         | 4        | 4       | 2       | 9                | · ·  | 103                 |             | 14        |          |         | -                |          |
| Omaha, Nebr.                            | 77<br>280                  | 64<br>179   | 11        | 2        | 8       | -<br>11 | 6<br>27          | TOTAL                                      | 13,481 <sup>¶</sup> | 9,313       | 2,735     | 858      | 305     | 262              | 1,075    |
| St. Louis, Mo.<br>St. Paul, Minn.       | 280<br>70                  | 178<br>52   | 63<br>15  | 20<br>3  | 8 -     | 11      | 27<br>7          |  |                     |             |           |          |         |                  |          |
| Wichita, Kans.                          | 72                         | 57          | 10        | 2        | 3       | -       | 8                |  |                     |             |           |          |         |                  |          |

U: Unavailable. -: No reported cases.

<sup>\*</sup> 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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