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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  $\geq$ 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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DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONTROL AND PREVENTION

<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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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.

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TABLE 1. Prevalence of lifetime* and current	<sup>r</sup> asthma among adults, by area — Behav-
ioral Risk Factor Surveillance System, United	d States, 2002

	Lif	etime astl	hma	Current asthma					
Area	No.§	(%)	(95% Cl <sup>1</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	(10.4)	(9.4–11.5)	5,015	(6.0)	(5.3–6.8)			
Maine	2,436	(13.6)	(12.1–15.1)	2,430	(10.0)	(8.7–11.4)			
Maryland	4,394	(12.7)	(11.4–13.9)	4,380	(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)			
Nevaua New Homoshiro	3,100	(12.4)	(10.0-14.1)	5,135	(7.0)	(0.3 - 0.9)			
New largov	5,034	(13.9)	(12.0-13.0)	5,024	(0.7)	(7.0-9.0)			
New Jersey	4,660	(11.0)	(10.1 - 13.0)	0,100	(7.0)	(0.3 - 9.3)			
New York	4,009	(11.7) (11.5)	(10.3 - 12.6)	4,002	(7.0)	(0.9-0.0)			
North Carolina	6 720	(11.3)	(10.4 - 12.0)	6 725	(7.3)	(7.0-0.0)			
North Dakota	2 994	(10.3)	(9.7–12.1)	2 987	(0.3)	(5.3-7.4) (6.3-8.4)			
Ohio	4 088	(10.3)	(9.0 - 11.0)	4 076	(7.3)	(6.4_8.3)			
Oklahoma	6 759	(10.3)	(10.3-12.2)	6 740	(7.3)	(6.4–7.8)			
Oregon	3 073	(14.0)	(12.6–15.4)	3 058	(8.7)	(7.6–9.8)			
Pennsylvania	13 477	(14.0)	$(12.0 \ 10.4)$ (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	(12.0)	(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 answered "yes" to the question, "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?"

<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?"

§ Unweighted sample size.

<sup>¶</sup> Confidence interval.

\*\* 50 states and the District of Columbia.

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

	Cur preva	rent lence <sup>§</sup>	ED <sup>1</sup> visit	Urgent visit	Routine visit	Asthma symptoms	Asthma attack	Sleep 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)

## 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

\* 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> 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.

<sup>§</sup> Unweighted number of BRFSS respondents with current asthma.

<sup>¶</sup> Emergency department.

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

<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.

§§ 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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# 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

\* Mixed-beverage revenue data were available only for 1995–2002.



\* 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).

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**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

	Mean revenue	Effect	of ban	Model fit <sup>†</sup>		
Revenue type	per quarter (\$)	Change in revenue <sup>§</sup> (\$)	(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	

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

\* 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.

 ${}_{8}^{T}$  P values were all nonsignificant (p<0.01).

<sup>8</sup> 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).

<sup>1</sup> Confidence interval.

\*\* 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

This report is based on contributions by M Boerm, P Gingiss, Univ of Houston; Research Div and Open Government Section, Office Texas Comptroller of Public Accounts.

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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 meningitis 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 non-meningeal 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

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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

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

\* 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 infection 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.

\* 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.

## 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. 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.

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

\* 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.

Beyond historical limits

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

	Cum. 2004	Cum. 2003		Cum. 2004	Cum. 2003
Anthrax	-	-	Hemolytic uremic syndrome, postdiarrheal <sup>†</sup>	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 <sup>†</sup>	4	20	Poliomyelitis, paralytic	-	-
Chancroid	3	7	Psittacosis <sup>†</sup>	2	5
Cholera	1	-	Q fever <sup>†</sup>	4	13
Cyclosporiasis <sup>†</sup>	3	19	Rabies, human	-	-
Diphtheria	-	-	Rubella	3	-
Ehrlichiosis:	-	-	Rubella, congenital syndrome	-	-
human granulocytic (HGE) <sup>†</sup>	3	11	SARS-associated coronavirus disease <sup>†</sup> <sup>††</sup>	-	-
human monocytic (HME) <sup>†</sup>	3	17	Smallpox <sup>† §§</sup>	-	NA
human, other and unspecified	-	1	Staphylococcus aureus:	-	-
Encephalitis/Meningitis:	-	-	Vancomycin-intermediate (VISA)† §§	2	NA
California serogroup viral <sup>†</sup>	-	-	Vancomycin-resistant (VRSA)† §§	-	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 <sup>†</sup>	-	-	Trichinosis	1	-
Hansen disease (leprosy) <sup>†</sup>	6	16	Tularemia <sup>†</sup>	2	3
Hantavirus pulmonary syndrome <sup>†</sup>	2	5	Yellow fever	-	-

-: No reported cases.

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

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.

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

to Two cases reported, one was intigenous, and one was imported norm another country. 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.

## **MMWR**

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(/th week)^									Encephaliti	s/Meningitis
	AIC	OS Cum	Cum	mydia† Cum	Coccidio	domycosis	Cryptosp	oridiosis	Wes	t Nile
Reporting area	2004§	2003	2004	2003	2004	2003	2004	2003	2004	2003
UNITED STATES	-	5,273	87,304	111,683	409	488	286	337	3	57
NEW ENGLAND	-	192	3,442	3,739	-	-	19	19	-	-
Naine N.H.	-	- 3	181 241	254 212	N -	N -	3	1 2	-	-
Vt.	-	5	96	161	-	-	2	2	-	-
Mass. R.I.	-	111 16	1,934 574	1,414 349	-	-	-	11	-	-
Conn.	-	57	416	1,349	Ν	N	2	2	-	-
MID. ATLANTIC	-	1,540	13,334	16,579	-	-	45	26	1	-
Upstate N.Y. N.Y. City	-	// 941	2,112 3.206	1,474 4,655	N -	N -	9	4 12	-	-
N.J.	-	170	1,452	2,211	-	-	1	2	÷	-
Pa.	-	352	6,564	8,239	N	N	29	8	1	-
E.N. CENTRAL Ohio	-	632 95	12,909 822	20,497 5.587	-	1	53 24	46 7	-	-
Ind.	-	84	1,816	2,464	Ν	N	3	2	-	-
III. Mich.	-	290 143	3,772 5.217	6,657 3,520	-	- 1	1 17	10 9	-	-
Wis.	-	20	1,282	2,269	-	-	8	18	-	-
W.N. CENTRAL	-	60	4,117	5,957	-	-	27	13	-	-
Minn. Iowa	-	9 17	528	1,439 330	N N	N N	6 2	5	-	-
Mo.	-	26	1,620	2,311	-	-	9	2	-	-
N. Dak. S. Dak.	-	- 1	109 249	125 321	N _	N	- 4	- 3	-	-
Nebr. <sup>1</sup>	-	-	582	478	-	-	-	-	-	-
Kans.	-	/	1,029	953	N	N	6	-	-	-
S. AILANTIC Del.	-	1,118 30	13,138 383	18,998 422	N	N	54	151 1	1	57
Md.	-	103	2,364	2,153	-	-	5	5	-	-
D.C. Va.	-	179 176	367 992	446 1.792	-	-	-	-	-	-
W.Va.	-	6	331	327	N	N	-	-	-	-
N.C. S.C. <sup>¶</sup>	-	123 45	1,953	3,507	N -	N -	14	3	-	-
Ga.	-	309	387	3,437	-	-	16	12	÷	-
	-	147	4,333	5,174	N N	N	10	129	1	57
E.S. CENTRAL Kv.	-	80 28	6,051 720	7,285	N	N	19 5	14	-	-
Ténn.	-	21	2,445	2,224	Ν	Ν	10	7	-	-
Ala. Miss.	-	12	1,631	2,048 1,828	N	N	2	5 1	-	-
W.S. CENTRAL	-	698	13,238	13,692	-	-	13	5	1	-
Ark.	-	14	954	758	-	-	7	1	-	-
Okla.	-	15	3,801 837	2,464 888	N	N	5	-	-	-
Tex.	-	653	7,646	9,582	-	-	1	3	-	-
MOUNTAIN	-	204	5,888	6,766	224 N	402 N	16	9	-	-
Idaho	-	1	477	350	N	N	-	4	-	-
Wyo. Colo	-	1	132	155	- N	- N	2	- 2	-	-
N. Mex.	-	14	861	1,078	2	-	-	-	-	-
Ariz. Utab	-	112	2,841 365	1,997	210 4	395 1	3	1	-	-
Nev.	-	40	651	832	8	6	1	-	-	-
PACIFIC	-	749	15,187	18,170	185	85	40	54	-	-
Wash. Oreg.	-	72 47	2,227 1 001	2,020 794	N	N	- 5	- 3	-	-
Calif.	-	618	11,557	14,147	185	85	34	51	-	-
Alaska Hawaii	-	6 6	391 11	480 729	-	-	- 1	-	-	-
Guam	-	1	-	-	-	-	-	-	-	-
P.R.	-	145	135	30	Ν	Ν	Ν	Ν	-	-
v.i. Amer. Samoa	- U	2 U	- U	45 U	- U	- U	- U	- U	- U	- U
C.N.M.I.	-	Ū	-	Ū	-	Ū	-	Ū	-	Ū

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending February 21, 2004, and February 15, 2003

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).

		Escher	<i>ichia coli</i> , Ente	rohemorrhagio	: (EHEC)					
			Shiga toxi	n positive,	Shiga toxi	in positive,				
	015	57:H7	serogroup	non-0157	not sero	grouped	Gia	rdiasis	Gon	orrhea
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 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	-	-	-	-	-	-	13	12	36	18
N.H.	1	2	-	1	-	-	3	8	15	16
Mass.	-	3	-	-	2	2	64	75	447	410
R.I.	-	-	-	-	-	-	3	4	140	127
Conn.	3	4	1	-	-	-	17	-	142	460
MID. ATLANTIC	9	15	1	-	2	2	309	410	4,504	6,876
Upstate N.Y.	2	3	-	-	1	-	90 89	64 163	808	701
N.J.	-	3	-	-	1	-	22	63	614	1,341
Pa.	4	8	1	-	-	2	108	120	2,027	2,922
E.N. CENTRAL	26	33	4	3	1	2	215	374	5,087	9,730
Ohio	12	7	-	-	1	2	111	120	410	3,002
Ind.	2	2	-	-	-	-	- 20	-	707	945
Mich	6	6	-	-	-	-	29 58	91	2 074	3,093
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.	6	7	-	3	-	-	43	44	277	391
lowa	-	1	-	-	-	-	25	32	-	46
M0. N Dak	5	3	4	-	1	-	39	74 4	639	1,201
S. Dak.	-	1	-	-	-	-	4	7	23	17
Nebr.	1	3	-	-	-	-	7	26	151	155
Kans.	2	-	-	-	2	1	10	20	379	365
S. ATLANTIC	6	51	5	28	1	10	263	1,322	7,234	10,133
Del.	-	-	N	N	N	N	6	7	132	201
	2	-	-	-	-	-	13	16	1,077	1,115
Va.	-	1	1	-	-	-	35	16	374	1,071
W.Va.	-	-	-	-	-	-	1	-	105	104
N.C.	-	-	3	3	-	-	N	N	2,104	2,045
Ga.	-	3	-	-	-	-	66	140	282	1,035
Fla.	3	47	1	25	1	10	136	1,135	1,876	2,428
E.S. CENTRAL	5	7	1	-	-	-	26	41	2,963	3,798
Ky.	1	1	1	-	-	-	N	N	324	531
Tenn.	2	4	-	-	-	-	13	17	968	1,059
Ala. Miss	1	2	-	-	-	-	13	24	987	900
	1	4		2		4	22	07	5 4 4 0	500
Ark	2	4	-	2	-	-	3∠ 18	27 19	5,149	5,743 485
La.	-	-	-	-	-	-	3	-	1,843	1,409
Okla.	2	-	-	-	-	-	11	8	390	372
lex.	-	3	-	2	-	1	-	-	2,476	3,477
MOUNTAIN	22	13	1	3	1	-	166	176	1,575	1,478
Mont.	1	-	-	-	-	-	5	2	8	20
Wvo.	-	-	-	-	-	-	1	3	6	8
Colo.	7	3	1	-	1	-	30	48	310	457
N. Mex.	-	-	-	1	-	-	3	9	112	169
Anz. Utah	2	4	IN _	- -	IN _	-	55 33	43 30		33
Nev.	2	-	-	-	-	-	12	16	303	244
PACIFIC	23	16	1	1	-	-	277	350	3,408	3,807
Wash.	4	4	-	-	-	-	25	18	379	361
Oreg.	4	1	1	1	-	-	46	45	124	121
Calif.	11	11	-	-	-	-	195	263	2,834	3,105
Hawaii	4	-	-	-	-	-	6	9 15	1	143
Guam	N	NI					õ	10		
P.R.	-	-	-	-	-	-	-	- 6	10	- 7
V.I.	-	-	-	-	-	-	-	-	-	8
Amer. Samoa	U	U	U	U	U	U	U	U	U	U

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

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## **MMWR**

		Haemophilus influenzae, invasive										
	All	ages			Age <5	years			(viral, acu	te), by type		
	All sei	rotypes	Serot	ype b	Non-ser	otype b	Unknowr	n serotype		Δ		
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 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. Vt	2	3	-	-	1	-	-	-	2	- 1		
Mass.	3	9	-	1	-	1	-	-	87	15		
R.I. Conn.	1 6	- 3	-	-	- 1	-	-	-	- 11	-		
MID. ATLANTIC	49	33	-	-	-	-	6	3	82	134		
Upstate N.Y.	18	4	-	-	-	-	1	1	8	7		
N.Y. City N.J.	5	9	-	-	-	-	1	2	28 11	60 19		
Pa.	18	13	-	-	-	-	2	-	35	48		
E.N. CENTRAL	40	33	-	1	9	2	4	9	55	92		
Ohio	22	6	-	-	2	-	3	2	9 4	15 4		
III.	-	17	-	-	-	-	-	7	14	35		
Mich.	7	5	-	1	4	1	-	-	26	27		
WIS.	3	3	-	-	-	-	-	-	2	11		
W.N. CENTRAL Minn	5	17	-	-	1	-	-	3	17	20		
Iowa	-	-	-	-	-	-	-	-	4	6		
Mo. N Dak	1	10	-	-	-	-	-	3	6	6		
S. Dak.	-	1	-	-	-	-	-	-	1	-		
Nebr.	1	-	-	-	-	-	-	-	2	2		
	-	2	-	-	-	-	-	-	4	5		
Del.	/5	145	-	-	-	8	6	10	152	546		
Md.	16	10	-	-	-	1	1	-	24	25		
D.C. Va	- 7	- 2	-	-	-	-	-	-	1 14	-		
W.Va.	4	-	-	-	-	-	2	-	1	2		
N.C.	5	3	-	-	-	-	-	-	8	5		
Ga.	29	6	-	-	-	-	3	- 1	64	88		
Fla.	14	123	-	1	1	7	-	9	40	411		
E.S. CENTRAL	10	17	-	-	-	-	1	3	15	24		
ry. Tenn.	5	7	-	-	-	-	-	2	10	2 15		
Ala.	5	8	-	-	-	-	1	1	-	6		
Miss.	-	1	-	-	-	-	-	-	5	1		
W.S. CENTRAL	5	11	-	-	1	1	-	-	14	67		
La.	- 1	4	-	-	-	-	-	-	-	8		
Okla.	4	6	-	-	1	1	-	-	4	1		
MOUNTAIN	31	24	-	- 1	6	2	3	3	5 71	37		
Idaho	-	-	-	-	-	-	-	-	2	- 1		
Wyo.	÷	-	-	-	-	-	-	-	1	-		
Colo. N. Mex.	4	5	-	-	-	-	1	1	2	1		
Ariz.	19	11	-	1	4	-	1	1	57	21		
Utah	1	4	-	-	-	1	1	1	7	5		
	5	15	2	2	1	1	-	1	125	177		
Wash.	3	-	2	-	-	-	1	-	6	2		
Oreg.	3	8	-	-	-	÷	-	1	12	14		
Calli. Alaska	-	5	-	2	-	1	-	-	114 1	158 1		
Hawaii	1	2	-	-	-	-	-	-	2	2		
Guam	-	-	-	-	-	-	-	-	-	-		
P.R. VI	-	-	-	-	-	-	-	-	1	3		
Amer. Samoa	U	U	Ū	U	Ū	U	U	U	Ū	U		

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

B         C         Legonesito in         Literorise         Literorise         Lume masses           Reporting area         2004         2003         2004         2004         2004	()	H	epatitis (viral	, acute), by ty	oe 🛛						
Cum.         Cum. <th< th=""><th></th><th></th><th>B</th><th>C</th><th></th><th>Legior</th><th>nellosis</th><th>Liste</th><th>riosis</th><th>Lyme o</th><th>lisease</th></th<>			B	C		Legior	nellosis	Liste	riosis	Lyme o	lisease
UNITE STATES         544         1.41         1.77         3.73         1.41         2.83         4.6         9.2         6.08         987           Manne         2.4         3.8         .<	Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003
NEW ENCLAND         24         38         -         -         1         5         1         3         8         45           ULL         6         1         -	UNITED STATES	554	1,481	177	373	141	283	46	92	608	987
Manne         - <td>NEW ENGLAND</td> <td>24</td> <td>38</td> <td>-</td> <td>-</td> <td>1</td> <td>5</td> <td>1</td> <td>3</td> <td>8</td> <td>45</td>	NEW ENGLAND	24	38	-	-	1	5	1	3	8	45
M.         I <thi< th="">         I         <thi< th=""> <thi< th=""></thi<></thi<></thi<>	Maine N H	-	-	-	-	-	-	-	- 1	-	-
Mass.         17         27         -         -         -         3         -         2         1         41           MD.ATTCO         62         150         18         16         27         28         9         14         507         70           MD.ATANTICO         52         150         180         16         27         28         9         14         507         710           MD.ATANTICO         23         35         -         -         0         3         3         2577         151           N.C.IVIX         38         70         1         18         407         41         17         18         3         2         277         12         28           PAL         24         44         17         18         407         41         12         1         2         1         2         2         28         39         14         11         12         1         2         1         2         1         2         1         2         1         2         1         2         1         1         1         1         1         1         1         1         1         1 <td>Vt.</td> <td>1</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td> <td>3</td>	Vt.	1	1	-	-	-	1	-	-	-	3
Comm         -         10         U         1         1         -         7         -           Upstate NTC         52         160         18         12         24         5         2         160         118           Upstate NTC         1         65         1         4         15         1         4         15         1         14         17         14         16         3         1         12         2         1 <td>Mass.</td> <td>17</td> <td>27</td> <td>-</td> <td>-</td> <td>-</td> <td>3</td> <td>-</td> <td>2</td> <td>1</td> <td>41</td>	Mass.	17	27	-	-	-	3	-	2	1	41
MID. ALAYTIC         52         160         18         16         27         29         9         14         507         730           N.Y. City         1         66         -         -         -         5         1         4         -         -           N.Y. City         1         66         1         -         -         5         1         4         -         -           N.Y. City         1         66         1         -         -         6         1         3         2         75         151           Pa.         22         23         2         1         1         1         1         2         -         1         1         1         1         1         -         -         -         -         -         -         -         -         -         -         -         -	Conn.	-	10	Ū	U	1	- 1	- 1	-	7	-
Upstate NY.         4         6         1         2         4         5         2         2         154         188           NCDV         1         65         -         -         6         5         1         4         7	MID. ATLANTIC	52	150	18	16	27	29	9	14	507	730
N.L.Cury         1         0         -<	Upstate N.Y.	4	6	1	2	4	5	2	2	154	188
Par.         24         44         17         14         17         16         3         6         286         991           CM CENTRAL         38         70         11         16         3         1         12         4           Ohio         2         20         1         20         16         3         1         12         4           Ind.         -         -         3         -         9         -         3         -         -         20         3           Min.         16         32         9         14         11         12         1         2         0         3           MALCENTRAL         43         41         63         33         3         3         -         -         3         1         -         0         3         3         3         1         -         3         1         -         3         1         -         -         3         1         -         3         1         -         3         1         -         -         3         1         -         -         -         -         -         -         -         -         -	N.Y. City N.J	1 23	65 35	-	-	-	5	1	4	- 57	- 151
EN CENTRAL 38 70 11 18 40 41 5 7 12 26 nd. 23 23 23 4 1 1 1 1 1 1 1 2 1 2 4 mh. 16 32 9 44 1 12 1 2 1 2	Pa.	24	44	17	14	17	16	3	6	296	391
Ohlo         22         23         2         1         27         16         3         1         12         4           Mich.         16         32         9         14         11         12         1         2         .	E.N. CENTRAL	38	70	11	18	40	41	5	7	12	26
III.       .	Ohio Ind	22	23	2	1	27	16	3	1	12	4
Mich. 16 32 9 14 11 12 1 2	III.	-	-	-	3	-	9	-	3	-	-
MN.C. ENTRAL       43       41       83       33       4       2       -       2       9       3         Min.       3       2       -       -       -       -       1       3       -       2       9       3         Min.       3       2       -       -       -       1       -       -       2       9       3         Mos.       68       33       83       33       3       -       -       -       1       -       -       3       1         N Dak.       4       3       -       -       -       1       -       -       1       -       -       1       -       -       -       1       -       -       -       -       1       -       -       -       1       -<	Mich.	16	32	9	14	11	12	1	2	-	-
Mini-Current         43         43         43         43         43         43         43         43         44         2         7         2         9         35           Mon         36         33         83         33         3         1         1         1         2         2           Mo.         36         33         83         33         3         1		-	10	-	-	1	3	I	-	0	20
Iowa         -         -         -         1         -         -         2         2           N. Dak.         -         -         -         -         -         -         3         1           N. Dak.         -	Minn.	43	41	-		-	-	-	2 1	3	-
MO.       SD       33       83       33       33       3       -       -       -       3       1         Nebr.       4       3       -       -       1       -	lowa	-	1	-	-	-	1	-	-	2	2
S.Dak.       . <td>Mo. N Dak</td> <td>36</td> <td>33</td> <td>83</td> <td>33</td> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>3</td> <td>1</td>	Mo. N Dak	36	33	83	33	3	-	-	-	3	1
Nebr.         4         3         -         -         -         -         -         1         -         -         -         -         -         -         1         -         -         -         -         -         -         -         1         -         -         -         -         -         1         1         -         -         -         1 <td>S. Dak.</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	S. Dak.	-	-	-	-	1	-	-	-	-	-
AILANTIC       211       82       25       87       36       172       14       44       5       145         Del.       1       2       -       -       2       N       N       -       199         Md.       17       12       1       3       5       11       2       2       39       39         D.C.       2       - </td <td>Nebr. Kans</td> <td>4</td> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>- 1</td> <td>-</td> <td>1</td> <td>- 1</td> <td>-</td>	Nebr. Kans	4	3	-	-	-	- 1	-	1	- 1	-
Dal.         Dal.         D.         D. <thd.< th=""> <thd< td=""><td>S ATLANTIC</td><td>211</td><td>828</td><td>25</td><td>87</td><td>36</td><td>172</td><td>14</td><td>44</td><td>58</td><td>145</td></thd<></thd.<>	S ATLANTIC	211	828	25	87	36	172	14	44	58	145
Md.       17       12       1       3       5       11       2       2       39       39         DC.       2       - <t< td=""><td>Del.</td><td>1</td><td>2</td><td>-</td><td>-</td><td>2</td><td>-</td><td>N</td><td>N</td><td>-</td><td>19</td></t<>	Del.	1	2	-	-	2	-	N	N	-	19
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Md.	17	12	1	3	5	11	2	2	39	39
WVa.       -       -       -       -       1       -       1       1       1       -       -       -       -       -       -       1       1       1       1       -       -       -       -       1       1       1       1       1       -       -       -       -       1       -       -       -       1       -       -       -       -       -       -       -       1       -	Va.	9	4	1		3	2	-	-	-	-
N.C.       2.3       10       1       1       0       4       4       1       12       0         Ga.       75       157       6       4       5       4       4       2       1       1         Ga.       75       157       6       4       5       1       1       4       2       1       1         Fala       84       636       15       79       15       151       3       38       6       80         E.S. CENTRAL       31       47       26       14       5       1       1       4       -       6         Has.       2       15       2       1       -       -       1       -       6         WS. CENTRAL       6       111       7       191       4       16       1       5       -       17         Mas.       1       1       7       191       4       16       1       5       -       17         Miss.       1       1       7       191       4       16       1       5       -       17         Miss.       1       1       1       1	W.Va.	-	-	1	-	-	-	1	- 1	-	-
Ga.       75       157       6       4       5       4       4       2       -       1         Fla.       84       636       15       79       15       151       3       38       6       80         E.S.CENTRAL       31       47       26       14       5       1       1       4       -       6         Ky.       4       8       2       2       1       -       1       -       -       -       1         Pain       2       2       3       1       -       -       3       -       -       1         Ala.       2       15       -       2       1       -       -       3       -       -       -       -       -       1       -       5       -       1       -       -       -       -       -       15       -       17       -       -       -       -       -       -       -       -       -       -       17       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	S.C.	-	1	-	-	-	-	-	1	1	-
Ha.       84       636       15       79       15       15       15       3       38       6       80         ES.CENTRAL       31       47       26       14       5       1       1       4       -       6         Ky.       4       8       2       2       1       -	Ga.	75	157	6	4	5	4	4	2	-	1
E.S. CENIRAL 31 47 26 14 5 1 1 4 - 6 W. 4 8 2 2 1 - 1 - 6 Tenn. 14 7 23 2 3 1 7 1 - 7 Max 2 15 - 2 1 - 3 - 1 Miss. 11 17 1 8 - 1 5 - 17 Miss. 11 17 1 8 - 1 5 - 17 Miss. 11 17 1 8 - 1 5 - 17 Ark. 2 13 - 1 - 1 2 - 1 - 2 CMa 6 - 1 1 2 - 1 - 2 CMa 6 - 1 1 2 - 1 - 2 CMa 6 - 1 1 2 - 1 - 15 MOUNTAIN 65 83 2 5 9 7 4 8 2 2 Mont 2 - 1 1 - 1 - 15 MOUNTAIN 65 83 2 5 9 7 4 8 2 2 Mont 2 - 1 1 - 1 - 1 Mix. 2 13 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 1 - 1 - 1 Mov. 1 2 - 1 1 1 1 1 1 1 1 Mov. 1 2 - 1 1 1 1 1 1 1 Mov. 1 2 - 1 1 1 1 1 1 1 1 Mov. 1 2 - 1 1 1 1 1 1 1 1 Mov. 1 2 - 1 1 1 1 1 1 1 1 1 Mov. 1 2 - 1 1 1 1 1 1 1 1 1 1 Mov. 1 2 - 1 1 1 1 1 1 1 1 1 Mov. 1 1 2 1 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 2 1 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 2 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 1 1 1 Mov. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FIA.	84	636	15	79	15	151	3	38	6	80
Ten.147232311Ala.215-2131Miss.11171815-1W.S. CENTRAL6111719141615-17Ark.213-12Okla6122Okla612Tex71116531415-15MOUNTAIN656325974822Mont21Mod.111111Wyo.1211Nex.251Nex.251Nex.2511Nex.2591	E.S. CENTRAL Kv	31 4	47	26 2	14	5	1	1	4	-	6
Ala.       2       15       -       2       1       -       -       3       -       -       -         Miss.       11       17       1       8       -       -       -       1       -       5         WS.CENTRAL       6       111       7       191       4       16       1       5       -       17         Ark.       2       13       -       1       -       1       -       -       -       1       -       -       -       1       -       -       -       1       -       -       -       1       -       -       1       -       -       -       -       1       -       -       -       1       -       -       1       1       -       -       -       -       1       -       -	Tenn.	14	7	23	2	3	1	-	-	-	1
MSC CENTRAL       6       11       7       19       4       16       1       5       -       17         Ark.       2       13       -       1       -       -       -       -       -       7         La.       4       21       6       25       -       -       -       -       2         Collat.       -       6       -       1       1       2       -       -       -       2         Tex.       -       71       1       165       3       14       1       5       -       15         MOUNTAIN       65       83       2       5       9       7       4       8       2       2         Mont.       -       2       -       -       -       1       1       -       -       15         Idaho       1       1       -       -       1       1       -       -       1       -       -       1         Colo.       7       9       -       2       1       1       -       -       -       -       -         New.       2       5       9 <t< td=""><td>Ala. Miss</td><td>2 11</td><td>15 17</td><td>-</td><td>2</td><td>1</td><td>-</td><td>-</td><td>3</td><td>-</td><td>-</td></t<>	Ala. Miss	2 11	15 17	-	2	1	-	-	3	-	-
Ark.       2       13       -       10       -       1       1       5       -       -       15       Mont.       -       2       2       5       9       7       4       8       2       2       2       1       1       1       -       -       15       10       11       1	WS CENTRAL	6	111	7	191	4	16	1	5		17
La.4216252Tex6-11215MOUNTAIN658325974822MOUNTAIN658325974822MOUNTAIN658325974822MOUNTAIN1111Idaho11111Wyo.122111Colo.79-2111Colo.79-211Ariz.43481222321111111111111111-	Ark.	2	13	-	1	-	-	-	-	-	-
Add1121Tex7111653141515MOUNTAIN658325974822Mont21Idaho11111Woo.12211-Colo.79-211Ariz.4348122232Vev.712111111Nev.7121111111-PACIFIC841135915101151213Wash.73113-2-1-Calif.6085251210651010Alaska21Rewaii-311NNGuam </td <td>La. Okla</td> <td>4</td> <td>21</td> <td>6</td> <td>25</td> <td>-</td> <td>- 2</td> <td>-</td> <td>-</td> <td>-</td> <td>2</td>	La. Okla	4	21	6	25	-	- 2	-	-	-	2
MOUNTAIN       65       83       2       5       9       7       4       8       2       2         Mont.       -       2       -       -       -       -       1       -       -       1         Idaho       1       1       -       -       1       1       -       -       1         Woo.       1       2       -       -       2       1       -       -       1       -         Colo.       7       9       -       2       1       1       -       5       -       -         Aiz.       43       48       1       2       2       2       3       2       -       -         Ariz.       43       48       1       2       2       2       3       2       -       -         Nev.       7       12       1       1       1       1       1       -       -       1       -         PACIFIC       84       113       5       9       15       10       11       5       12       13         Wash.       7       3       1       1       3       -<	Tex.	-	71	1	165	3	14	1	5	-	15
Mont.       -       2       -       -       -       -       1       -       -       -       1       -       -       1         Idaho       1       1       -       -       1       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       -       -       1       - <td< td=""><td>MOUNTAIN</td><td>65</td><td>83</td><td>2</td><td>5</td><td>9</td><td>7</td><td>4</td><td>8</td><td>2</td><td>2</td></td<>	MOUNTAIN	65	83	2	5	9	7	4	8	2	2
Name11	Mont.	- 1	2	-	-	- 1	- 1	-	1	-	- 1
Colo.       7       9       -       2       1       1       -       5       -       -       -         N. Mex.       2       5       -	Wyo.	1	2	-	-	2	1	-	-	1	-
N. Mex.       2       3       1 <th1< th="">       1       <th1< th=""> <th1< td="" th<=""><td>Colo.</td><td>7</td><td>9</td><td>-</td><td>2</td><td>1</td><td>1</td><td>-</td><td>5</td><td>-</td><td>-</td></th1<></th1<></th1<>	Colo.	7	9	-	2	1	1	-	5	-	-
Utah       4       4       -       -       2       1       -       -       1       -       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1 <td>Ariz.</td> <td>43</td> <td>48</td> <td>1</td> <td>2</td> <td>2</td> <td>2</td> <td>3</td> <td>2</td> <td>-</td> <td>-</td>	Ariz.	43	48	1	2	2	2	3	2	-	-
Nev.       7       12       1 <td>Utah</td> <td>4</td> <td>4</td> <td>-</td> <td>-</td> <td>2</td> <td>1</td> <td>-</td> <td>-</td> <td>1</td> <td>-</td>	Utah	4	4	-	-	2	1	-	-	1	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Nev.	1	140	1	1	1	1	1	-	-	1
Oreg.       15       21       1       2       N       N       3       -       1       3         Calif.       60       85       2       5       12       10       6       5       10       10         Alaska       2       1       -	Wash.	84 7	3	5 1	9	3	10	2	5	12	- 13
Calif.       60       85       2       5       12       10       6       5       10       10         Alaska       2       1       -	Oreg.	15	21	1	2	N	N	3	-	1	3
Havaii - 3 1 1 N N Guam N N P.R. 1 10 N N V.I N N Amer.Samoa U U U U U U U U U	Calif. Alaska	60	85 1	2	5	12	10	6	5	10	10
Guam       -	Hawaii	-	3	1	1	-	-	-	-	Ν	Ν
P.R. 1 10 N N VI N N Amer. Samoa U U U U U U U U U U N.M.	Guam	-	-	-	-	-	-	-	-	-	-
Amer. Samoa U U U U U U U U U U U	P.R. VI	1	10	-	-	-	-	-	-	N	N
	Amer. Samoa	U	U	U	U	U	U	U	U	U	U

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

(/th week)*	Ма	Malaria		ococcal ease	Pert	ussis	Rabies	, animal	Rocky M spotte	Rocky Mountain spotted fever		
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 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	-	1	-	1	-	-	1	4	-	-		
N.H. Vt	-	2	-	-	4 10	- 17	1	3	-	-		
Mass.	6	4	6	8	243	81	12	21	4	-		
R.I.	-	-	-	-	-	-	-	-	-	-		
	2	-	-	1	2	1	10	23	-	-		
MID. ATLANTIC	16 4	30 4	30	27	234 168	73 31	67 38	87 34	4	6		
N.Y. City	6	15	5	8	-	-	-	1	1	1		
N.J.	-	3	3	3	18	14	-	21	-	4		
Pa.	6	8	15	13	48	28	29	31	3	1		
E.N. CENTRAL	12	13	35	34	120	63	1	4	-	1		
Ind.	-	-	20	4	1	-	-	2	-	-		
III.	-	7	1	6	-	-	-	-	-	-		
Mich. Wis	5	2	10	9	13 35	6 13	-	2	-	-		
WN CENTRAL	Q	Λ	- 11	т 10	11	21	27	62	1	1		
Minn.	o 4	2	1	12	44	-	7	3	-	-		
lowa	1	2	2	4	6	4	8	5	-	1		
Mo. N Dak	2	-	3	6	28	11	2	- 8	1	-		
S. Dak.	-	-	1	-	-	1	-	6	-	-		
Nebr.	÷	-	-	-	-	-	-	5	-	-		
Kans.	1	-	4	1	6	5	13	35	-	-		
S. ATLANTIC	46	113	49	130	47	168	128	369	48	39		
Md.	14	12	4	4	13	12	13	36	3	5		
D.C.	1	-	-	-	1	-	-	-	-	-		
va. W Va	3	1	2	3	/	1	- 9	44	-	-		
N.C.	1	4	5	4	11	27	68	66	43	16		
S.C.	1	-	1	4	2	-	7	15	-	-		
Ga. Fla.	20	3 92	24	4 107	- 11	14	- 30	36 165	2	- 18		
E S CENTRAL	1	4	13	12	16	19	9	14	4	1		
Ky.	-	1	2	1	1	3	2	3	-	-		
Tenn.	-	1	4	3	11	7	5	10	1	1		
Ala. Miss.	-	-	2 5	5	3	2	2	-	2	-		
W.S. CENTRAL	4	14	25	32	2	_	12	10	_	2		
Ark.	1	-	3	1	1	-	4	-	-	-		
La.	2	1	7	11	1	-	-	-	-	-		
Okia. Tex.	-	- 13	14	3 17	-	-	8	10	-	- 2		
	1	5	13	9	73	115	12	11	_	-		
Mont.	-	-	1	-	4	-	-	1	-	-		
Idaho	-	1	1	-	13	4	-	-	-	-		
vvyo. Colo	-	-	1 4	-	2 40	49	-	-	-	-		
N. Mex.	1	-	1	1	1	12	-	-	-	-		
Ariz.	-	1	4	4	6	36	12	10	-	-		
Nev.	1	-	-	- 3	-	9	-	-	-	-		
PACIFIC	16	28	64	45	50	263	7	13	1	-		
Wash.	2	4	3	2	32	15	-	-	-	-		
Oreg.	1	5	11	10	17	35		-	-	-		
Calif. Alaska	13	19	48	32	- 1	212	/ -	12	1	-		
Hawaii	-	-	2	1	-	1	-	-	-	-		
Guam	-	-	-	-	-	-	-	-	-	-		
P.R.	-	-	-	1	-	-	10	6	N	Ν		
v.i. Amer Samoa	-	-	-	-	-	-	-	-	-	-		
C.N.M.I.	-	Ŭ	-	Ŭ	-	Ŭ	-	Ŭ	-	Ŭ		

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

## February 27, 2004

(7th Week)			1				<b>0</b> (ma)				
	Salmo	Salmonellosis		llosis	Streptococo invasive,	cal disease, group A	Drug res all a	sistant, ges	Age <5 vears		
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 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 N H	5	6	- 2	2	1 5	- 1	-	-	N	N	
Vt.	4	4	-	1	-	2	-	3	-	-	
Mass. R.I.	80	81 5	- 23	33	20	- 37	N -	N -	N -	N -	
Conn.	25	21	6	9	-	28	-	15	U	U	
MID. ATLANTIC	314 62	413 40	124 48	241 26	83 35	154 38	24 9	17 7	8 4	14 12	
N.Y. City	97	141	34	57	3	25	Ŭ	Ú	Ů	Ű	
N.J. Pa.	53 102	86 146	20 22	62 96	15 30	38 53	N 15	N 10	N 4	N 2	
E.N. CENTRAL	388	501	103	204	107	208	99	64	21	38	
Ohio	130	146	32	44	46	49	83 16	55	16	26	
III.	97	197	37	99	1	61	-	-	-	-	
Mich. Wis.	78 61	68 65	19 11	31 22	52 3	61 28	N N	N N	N	N 10	
W.N. CENTRAL	168	173	44	105	33	46	33	44	3	7	
Minn.	39	41	10	7	-	17	-	-	3	5 N	
Mo.	49	40	14	42	10	12	1	1	-	-	
N. Dak. S. Dak	4	4	1	- 8	3	1	-	1	-	2	
Nebr.	12	11	2	34	1	5	-	-	N	N	
Kans.	24	20	14	12	15	6	32	42	N	N	
Del.	2	5,248 8	349	3,589 59	-	297	1		N	N	
Md.	52 2	79	17	105	32	33	-	1	- 1	-	
Va.	78	44	11	28	7	1	N	N	Ň	Ν	
vv. va. N.C.	1 112	168	47	- 119	6 17	- 17	8 N	8 N	U	U	
S.C.	43	46	15	19	1	2	14	24	N	N	
Fla.	343	4,669	178	2,849	32	231	91	611	N	N	
E.S. CENTRAL	154	218	59	114	32	18	18	10	-	-	
ry. Tenn.	42	34 70	5 27	27	14	3 15	12	10	N	N	
Ala. Miss	60 36	75 39	15 12	48 20	-	-	-	-	N	N	
W.S. CENTRAL	162	293	139	382	22	81	9	19	3	5	
Ark.	23	37	7	3	2	1	1	2	-	2	
Okla.	24	42 21	37	69	9	11	N N	N	1	2	
Tex.	104	193	83	259	11	69	Ν	N	1	-	
MOUNTAIN Mont.	287 9	199 7	146 2	118	31	87	7	5	-	1	
Idaho	27	15	-	2	1	5	N	N	Ν	Ν	
Colo.	33	64	12	21	11	24	-	-	-	-	
N. Mex.	18 163	16 62	18 96	23 64	10 4	19 37	3	5	- N	- N	
Utah	20	15	8	3	2	2	-	-	-	1	
Nev.	15	17	9	4	-	-	1	-	-	-	
Wash.	33	30	7	6	-	- 02	-	-	N	N	
Oreg. Calif	38 365	28 433	9 141	8 337	N 60	N 46	N	N	N	N	
Alaska	17	14	-	2	-	-	-	-	N	N	
nawali	37	20	8	5	23	16	-	-	-	-	
P.R.	9	50	-	- 1	N	N	N	N	N	N	
V.I. Amer. Samoa	- U	- U	- U	- U	- U	- U	- U	- U	- U	- U	
C.N.M.I.	-	Ū	-	Ū	-	Ū	-	Ū		Ū	

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

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(7th Week)*							1				
	- Diana	Syph	ilis				-		Varicella (Chickerney)		
	Primary 8	secondary	Cum	Cum	Cum		Typno	Cum	(Chickenpox)		
Reporting area	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003	
UNITED STATES	705	901	22	65	524	1,112	23	44	1,418	2,244	
NEW ENGLAND Maine	9	21	-	-	17	22	2	1 -	137 6	435 233	
N.H.	1	1	-	-	-	1	-	-	-	-	
Mass.	5	17	-	-	13	6	2	-	-	42	
R.I.	2	1	-	-	3	5	-	-	-	-	
	96	105	-	-	154	105	-	7	-	-	
Upstate N.Y.	5	3	2	1	-	12	-	-	-	-	
N.Y. City	43	47	2	3	132	110	-	3	-	-	
Pa.	19	29	-	-	22	47	1	1	8	3	
E.N. CENTRAL	69	133	10	15	117	82	2	4	716	1,121	
Ohio	26	23	-	1	15	12	1	-	133	258	
III.	18	49	-	8	74	38	-	2 1	-	-	
Mich.	14	54	10	1	8	13	1	1	551	707	
WIS.	3	2	-	-	1	3	-	-	32	156	
Minn.	12	30	-	-	42 10	45 11	-	-	- 25	- 2	
lowa	-	2	-	-	-	3	-	-	Ν	Ν	
No. N. Dak.	9	12	-	-	-	- 13	-	-	- 12	2	
S. Dak.	-	-	-	-	-	4	-	-	13	-	
Nebr. Kans.	3	- 7	-	-	- 21	- 14	-	-	-	-	
S. ATLANTIC	203	202	1	11	34	166	5	17	197	338	
Del.	1	1	-	-	-	-	-	-	-	1	
Md. D.C.	34 12	33	-	- 3	12	- 11	1	2	1 4	-	
Va.	1	10	-	1	-	17	1	-	-	65	
W.Va. N.C.	- 20	- 22	-	-	2	1 13	- 2	-	185	262	
S.C.	18	14	-	3	13	14	-	-	7	10	
Ga. Fla	13 104	36 83	- 1	3 1	-	47 63	- 1	-	-	-	
E S CENTRAL	45	48	1	2	35	41		-	_	-	
Ky.	9	10	-	1	1	-	-	-	-	-	
Tenn.	22	20 16	1	1	20 14	12	-	-	-	-	
Miss.	3	2	-	-	-	7	-	-	-	-	
W.S. CENTRAL	131	106	6	8	21	197	1	-	-	335	
Ark. La	7 23	8 12	-	-	9	9	-	-	-	-	
Okla.	4	5	-	-	12	10	-	-	-	-	
Tex.	97	81	6	8	-	178	1	-	-	332	
MOUN IAIN Mont	55	34	-	12	26	20	2	2	335	10	
Idaho	4	-	-	-	-	-	-	-	-	-	
Wyo. Colo	1	- 7	-	- 2	- 7	1 12	-	- 2	11 215	2	
N. Mex.	13	9	-	4	-	-	-	-	7	-	
Ariz.	34	16	-	6	13	7	-	-	-	-	
Nev.	2	1	-	-	-	-	1	-	-	-	
PACIFIC	95	222	-	8	78	344	9	13	-	-	
Wash.	11	7	-	-	33	23	1	-	-	-	
Calif.	9 75	206	-	- 8	0 17	289	6		-	-	
Alaska	-	-	-	-	4	7	-	-	-	-	
Hawali	-	4	-	-	16	16	2	-	-	-	
Guam P.R.	- 10	- 9	-	- 1	-	-	-	-	- 36	- 48	
V.I.	-	1		-			-		-	-	
Amer. Samoa C.N.M.I.	U -	U	U -	U U	U -	U	U -	U	U -	U	

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

	All causes, by age (years)								All causes, by age (years)						
Reporting Area	All Ages	<u>≥</u> 65	45-64	25-44	1-24	<1	P&I <sup>†</sup> Total	Reporting Area	All Ages	<u>≥</u> 65	45-64	25-44	1-24	<1	P&I <sup>†</sup> Total
NEW ENGLAND	577	401	110	33	18	15	72	S. ATLANTIC	1,386	907	311	98	32	36	93
Boston, Mass.	151	92	35	9	8	7	17	Atlanta, Ga.	193	109	49	16	5	14	9
Bridgeport, Conn.	32	26	5	1	-	-	4	Baltimore, Md.	162	97	34	25	5	1	20
Cambridge, Mass.	23	15	/	-	1	-	4	Charlotte, N.C.	128	83	29	6	1	9	12
Hartford Conn	23 54	20	3 11	- 2	- 3	-	10	Miami Ela	141	93	30	12	2	1	0
Lowell Mass	30	26	2	2	-	-	3	Norfolk Va	44	37	5	12	4	1	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	45	12	5	4	1	6	Tampa, Fla.	235	172	47	7	5	4	13
Somerville, Mass.	5	3	2	-	-	-	-	Washington, D.C.	102	56	25	12	6	1	4
Springfield, Mass.	39	26	8	3	-	2	5	Wilmington, Del.	U	U	U	U	U	U	U
Waterbury, Conn.	27	20	2	3	-	2	2	E.S. CENTRAL	824	538	193	57	17	19	69
worcester, mass.	47	39	Э	Z	-	1	1	Birmingham, Ala.	189	115	42	20	5	7	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
Buttalo, N.Y.	103	70	17	9	2	5	19	Mehile Ale	148	101	33	9	4	1	17
Elizabeth N I	37	∠ I 12	3	Э 1	2	1	2	Montgomery Ala	22	20 15	23	2	1	1	2
Frie Pa	33	24	5	1	2	1	1	Nashville Tenn	133	82	34	10	3	4	11
Jersev City, N.J.	28	19	8	1	-	-	-								
New York City, N.Y.	1,325	936	282	75	21	11	94	W.S. CENTRAL	1,610	1,080	315	121	49	45	98
Newark, N.J.	44	29	6	8	1	-	5	Austin, Tex.	82	57	17	6	1	1	2
Paterson, N.J.	32	16	6	10	-	-	3	Corpus Christi Tex	59	36	9 11	0 4	7	-	- 3
Philadelphia, Pa.	263	182	63	13	3	2	9	Dallas Tex	205	129	38	21	8	9	18
Pittsburgh, Pa.§	22	13	6	2	1	-	1	El Paso. Tex.	80	63	15	1	1	-	3
Reading, Pa.	30	25	5	-	-	-	1	Ft. Worth, Tex.	110	75	21	6	5	3	4
Rochester, N.Y.	120	98	19	5	4	-	2	Houston, Tex.	420	266	93	35	7	19	28
Scranton Pa	31	26	5			-	2 1	Little Rock, Ark.	68	39	21	4	2	2	3
Svracuse, N.Y.	106	85	14	2	-	5	8	New Orleans, La.	43	31	8	4	-	_	-
Trenton, N.J.	38	28	9	-	-	1	1	San Antonio, Tex.	265	187	43	16	12	7	26
Utica, N.Y.	20	18	1	1	-	-	2	Shreveport, La.	70 154	52 100	11	5	1	1	6
Yonkers, N.Y.	28	21	5	2	-	-	2	Tuisa, Okia.	154	109	20	70	4	~	5
E.N. CENTRAL	2,148	1,463	460	133	41	48	146	Albuquerque N.M.	992 127	649 84	225	78	23	14	57 9
Akron, Ohio	52	36	12	1	1	2	8	Boise. Idaho	37	30	2	1	3	1	2
Canton, Ohio	37	27	8	2	-	-	4	Colo. Springs, Colo.	55	42	9	4	-	-	3
Cincago, III.	300	213	95 20	24	0	15	19	Denver, Colo.	114	71	30	8	3	1	5
Cleveland Ohio	262	194	56	8	1	3	11	Las Vegas, Nev.	256	162	66	19	7	2	14
Columbus, Ohio	194	130	39	17	5	3	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.	20	18	27	0	- 2	-	1
Evansville, Ind.	38	27	7	3	-	1	4		157	116	20	14	4	2	12
Fort Wayne, Ind.	59	43	12	-	1	3	5		0.070		20				
Gary, Ind.	22	13	5	4	-	-	-	PACIFIC Deskelay Calif	2,673	1,951	465	150	69	38	282
Indianapolis Ind	206	54 111	12	5 10	-	2	17	Erospo Calif	10	10	10	5	I	2	2
Lansing Mich	200	31	6	4	1	-	7	Glendale Calif	83	92 71	19	2	- 1	1	15
Milwaukee Wis	102	69	26	6	1	_	5	Honolulu Hawaii	79	57	7	7	4	4	4
Peoria, III.	50	37	12	1	-	-	1	Long Beach, Calif.	95	68	15	6	5	1	12
Rockford, III.	41	31	5	4	1	-	2	Los Angeles, Calif.	1,336	966	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.	156	115	28	8	4	1	15
Des Moines, Iowa	120	78	32	6	3	1	13	San Francisco, Calif.	161	110	31	16	2	2	26
Duluth, Minn.	32	24	6	2	-	-	2	San Jose, Calif.	170	127	30	1	4	2	25
Kansas City, Kans.	38	26	7	4	-	1	7	Seattle Wash	33 80	50	1 1 P	7	1	-	4
Kansas City, Mo.	86	55	22	6	-	3	10	Spokane Wash	09 53	37	0	6	1		2 5
Lincoln, Nebr.	66	56	5	2	1	2	6	Tacoma, Wash.	103	75	14	9	5	-	7
Minneapolis, Minn.	64	45	9	4	4	2	9		40.4045	0.010	0 705	050	005	000	
Omana, Nebr.	200	170	11	2	-	-	0	TOTAL	13,4811	9,313	2,735	858	305	262	1,075
St. LOUIS, IVIO.	200 70	52	03	20	0	-	21								
Wichita, Kans.	72	57	10	2	3	-	8								

U: Unavailable. -: No reported cases.

Or Unavailable. --INO reported cases.
 \* Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of ≥100,000. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.
 † Pneumonia and influenza.
 § Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.
 † Total includes unknown ages.

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