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Acinetobacter baumannii Infections Among Patients at Military Medical Facilities Treating Injured U.S. Service Members, 2002–2004

Acinetobacter baumannii is a well known but relatively uncommon cause of health-care—associated infections. Because the organism has developed substantial antimicrobial resistance, treatment of infections attributed to A. baumannii has become increasingly difficult (1). This report describes an increasing number of A. baumannii bloodstream infections in patients at military medical facilities in which service members injured in the Iraq/Kuwait region during Operation Iraqi Freedom (OIF) and in Afghanistan during Operation Enduring Freedom (OEF) were treated. The number of these infections and their resistance to multiple antimicrobial agents underscore 1) the importance of infection control during treatment in combat and health-care settings and 2) the need to develop new antimicrobial drugs to treat these infections.

During January 1, 2002-August 31, 2004, military health officials identified 102 patients with blood cultures that grew A. baumannii at military medical facilities treating service members injured in Afghanistan and the Iraq/Kuwait region. All of these cases met the criteria for A. baumannii bloodstream infection on the basis of criteria established by CDC's National Nosocomial Infection Surveillance (NNIS) system (2). Of these 102 cases, 85 (83%) were associated with activities during OIF and OEF. Most of the infections were reported from Landstuhl Regional Medical Center (LRMC), Germany (33 patients: 32 OIF/OEF casualties, one non-OIF/OEF), and Walter Reed Army Medical Center (WRAMC), District of Columbia (45 patients: 29 OIF/OEF casualties, 16 non-OIF/OEF). In both facilities, the number of patients with A. baumannii bloodstream infections in 2003 and 2004 exceeded those reported in previous years (one case during 2000-2002 at LRMC; two cases during 2001-2002 at WRAMC).

Of the 33 patients with *A. baumannii* bloodstream infections at LRMC, 32 (97%) were men; the median age was 30 years (range: 19–72 years). Thirty (91%) patients sustained

traumatic injuries in either the Iraq/Kuwait region (25) or in Afghanistan (five). The majority (67%) were active-duty members of the U.S. Armed Forces. Thirty-two (97%) were transferred directly to the LRMC intensive care unit (ICU) from a combat theater military medical facility. In 22 (67%) of these patients, bloodstream infections were detected from blood cultures obtained within 48 hours of ICU admission.

Of the 45 patients with *A. baumannii* bloodstream infections at WRAMC, 39 (87%) were males; the median age was 39 years (range: 6–86 years). Twenty-nine (64%) patients sustained traumatic injuries in the Iraq/Kuwait region. Of these, 18 (62%) had bloodstream infections detected from blood cultures obtained within 48 hours of hospital admission after transfer from a combat theater medical or other military medical facility.

Antimicrobial susceptibility testing (AST) was performed by using microdilution. Results of 33 A. baumannii isolates from LRMC and 45 isolates from WRAMC indicated widespread resistance to antimicrobial agents commonly used to

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treat infections with this organism. AST results, expressed as a percentage of susceptible isolates, were as follows: imipenem (LRMC: 87%; WRAMC: 82%), amikacin (LRMC: 80%; WRAMC: 48%), ampicillin/sulbactam (LRMC: 8%; WRAMC: 35%), piperacillin/tazobactam (LRMC: 0%; WRAMC: 27%), cefepime (LRMC: 0%; WRAMC: 22%), and ciprofloxacin (LRMC: 3%; WRAMC: 20%).

Among the WRAMC isolates, 13 (35%) were susceptible to imipenem only, and two (4%) were resistant to all drugs tested. One antimicrobial agent, colistin (polymyxin E), has been used to treat infections with multidrug-resistant *A. baumannii*; however, AST for colistin was not performed on isolates described in this report.

In addition to LRMC and WRAMC, three other military treatment facilities have identified *A. baumannii* bloodstream infections in service members injured in Iraq, Kuwait, and Afghanistan: U.S. Navy hospital ship (USNS) Comfort (11 patients), National Naval Medical Center (NNMC), Bethesda, Maryland (eight), and Brooke Army Medical Center (BAMC), San Antonio, Texas (five).

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Editorial Note: A. baumannii are a species of gram-negative bacteria commonly found in water and soil. During 1963–2003, A. baumannii became an increasingly important cause of nosocomial infections, particularly in ICUs (3). Treatment of infections attributed to A. baumannii can be difficult because the organism has intrinsic resistance to certain antimicrobial agents and has acquired resistance to many others (3). In health-care settings, colonized and infected patients are often the sources of A. baumannii infections; however, the ability of the organism to survive for prolonged periods on environmental surfaces also has contributed to protracted outbreaks in these settings (1).

In a recent national survey of hospital laboratories, *A. baumannii* infections accounted for only 1.3% of health-care—associated bloodstream infections (4). However, the findings in this report indicate an increase in the number of reported *A. baumannii* bloodstream infections in patients at military medical facilities in which service members injured in Iraq, Kuwait, and Afghanistan are treated.

The sources of the A. baumannii that led to the infections described in this report are under investigation. During the Vietnam War, A. baumannii was reported to be the most common gram-negative bacillus recovered from traumatic injuries to extremities, and more recent reports have identified A. baumannii infections in patients who suffered traumatic injuries, suggesting environmental contamination of wounds as a potential source (5-8). Although some of the patients identified in this report had evidence of bloodstream infections at the time of admission to military medical facilities, whether the infections were acquired from environmental sources in the field or during treatment at (or evacuation from) other military medical facilities (e.g., field hospitals) is unknown. Information on patients described in this report is being reviewed to examine potential risk factors for A. baumannii bloodstream infection. In addition to exploring traditionally reported risk factors such as antimicrobial exposure, ICU admission, vascular access, and mechanical ventilation, this investigation will involve detailed reviews of geographic locations where injuries occurred and reviews of the movement of injured patients through treatment facilities. An environmental microbiology survey of both indigenous soil samples and treatment facilities is also under way to explore the potential contribution of environmental contamination to this outbreak. Molecular analysis with pulsed-field gel electrophoresis of patient and environmental isolates will be performed to further characterize the potential contribution of environmental contamination.

The bacterial isolates described in this report demonstrated antimicrobial-resistance patterns similar to multidrugresistant *A. baumannii* from ICUs in the United States and Europe (3,4). Data from the NNIS system also indicate that resistance among *Acinetobacter* isolates is increasing (CDC, unpublished data, 2004). The high level of antimicrobial resistance is a challenge to clinicians treating *A. baumannii* infections. In some cases, the only effective antimicrobial agent is colistin (polymyxin E); however, this agent is seldom used because of its high toxicity (9). Use of colistin, possibly in combination with other agents, might be effective; however, new agents active against multidrug-resistant *A. baumannii* are needed. Treatment of patients infected with *A. baumannii* is being monitored to determine factors predictive of success and failure, to better understand the impact of antimicrobial

resistance on therapy, and to monitor the potential toxicities of treatment regimens that include colistin.

Identification of colonized and infected patients, combined with implementation of infection-control measures such as hand-hygiene and contact-isolation precautions, might help prevent transmission of this organism within medical facilities (1). Interventions recommended by military medical officials have included 1) institution of active surveillance of groin, axillary, and/or wound cultures for *A. baumannii* for all patients; 2) use of contact precautions for colonized or infected patients; and 3) increased availability and use of alcohol-based hand rubs. Laboratory surveillance for *A. baumannii* has been initiated at LRMC, NNMC, WRAMC, and BAMC, and, as much as possible, at each forward-deployed combat support hospital and medical treatment facility in Iraq, Kuwait, and Afghanistan.

Clinicians who treat patients who have recently been hospitalized (especially in ICUs) at the military hospitals described in this report should be aware of the potential for colonization and infection with *A. baumannii*. Additional information on *A. baumannii* is available at http://www.cdc.gov/ncidod/hip. Clinical management and wound-care guidelines have been developed to help prevent and mitigate *A. baumannii* infections in military treatment facilities (10). Clinicians with specific questions about *A. baumannii* among U.S. service members should contact the U.S. Army Center for Health Promotion and Preventive Medicine, telephone 800-222-9698.

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Prevalence of Overweight and Obesity Among Adults with Diagnosed Diabetes — United States, 1988–1994 and 1999–2002

Obesity in persons with diabetes is associated with poorer control of blood glucose levels, blood pressure, and cholesterol (1), placing persons with diabetes at higher risk for both cardiovascular and microvascular disease (2). Conversely, intentional weight loss is associated with reduced mortality among overweight persons with diabetes (3). CDC analyzed the prevalence of overweight and obesity among U.S. adults aged ≥20 years with previously diagnosed diabetes by using data from two surveys: the Third National Health and Nutrition Examination Survey (NHANES III), 1988–1994, and NHANES 1999–2002. This report summarizes the results of that analysis, which indicated that most adults with diagnosed diabetes were overweight or obese. During 1999–2002, the

prevalence of overweight or obesity was 85.2%, and the prevalence of obesity was 54.8%. Encouraging patients to achieve and maintain a healthy weight should be a priority for all diabetes-care programs.

NHANES is a continuous survey of the health and nutritional status of the U.S. civilian, noninstitutionalized population; samples are selected through a complex, multistage probability design. Diabetes status was determined in household interviews with participants aged ≥20 years. In NHANES III, 1988–1994, participants were asked, "Have you ever been told by a doctor that you have diabetes or sugar diabetes?" For women, the question was preceded by "other than during pregnancy." In NHANES 1999-2002, the same questions were asked, but "doctor" was replaced with "doctor or health-care professional." Participants who responded "yes" were categorized as having diagnosed diabetes. The body mass index (BMI) of each participant was calculated as weight in kilograms divided by height in meters squared. Overweight was defined as a BMI of 25.0–29.9 and obesity as a BMI of $\ge 30.0 (4,5)$. Pregnant women were excluded from the analysis.

Data were analyzed with sample weights to account for differential probabilities in the sample selection, nonresponses, and sample noncoverage. Two sample t-tests were used to test differences in proportions and determine the statistical significance (p<0.05) of differences in results by age, racial/ethnic population, and survey period. Percentages of racial/ethnic populations and persons aged ≥20 years were agestandardized to the 2000 U.S. standard population.

Among all survey participants with diagnosed diabetes, the prevalence of obesity was similar for the periods 1988–1994 (45.7%) and 1999–2002 (54.8%) (Table 1). In the 1999–2002 survey, the prevalence of obesity among adults with diagnosed diabetes was 57.9% for non-Hispanic whites, 63.0% for non-Hispanic blacks, and 59.5% for Mexican Americans. Similar prevalences of overweight and obesity were observed in these racial/ethnic populations during 1988–1994.

Among men in the 1999–2002 survey, the prevalence of overweight or obesity was 86.3%, and the prevalence of obesity was 53.0% (Table 2). Both the prevalence of overweight or obesity and the prevalence of obesity were similar among men aged 20–64 years and \geq 65 years. Among women in the 1999–2002 survey, the prevalence of overweight or obesity was 84.2%, and the prevalence of obesity was 58.0%. Compared with women aged \geq 65 years, women aged 20–64 years had a significantly higher prevalence of obesity (64.7% versus 47.4%) (p<0.05).

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TABLE 1. Prevalence of overweight and obesity among adults with diagnosed diabetes*, by race/ethnicity —Third National Health and Nutrition Examination Survey (NHANES III), 1988–1994, and NHANES 1999–2002, United States

			NHANE 1988–1	_		NHAN 1999–2	_
Body mass index (BMI) [†] group	Race/Ethnicity	No. surveyed	%	(95% CI§)	No. surveyed	%	(95% CI)
Overweight or obese (BMI: ≥25.0)	White, non-Hispanic	463	78.1	(69.1-87.1)	295	85.9	(77.5–94.3)
,	Black, non-Hispanic	363	79.4	(72.3–86.5)	213	86.1	(79.2–93.0)
	Mexican American	398	84.0	(77.3–90.7)	240	86.9	(79.5 - 94.3)
	Total [¶]	1,260	78.5	(72.2-84.8)	827	85.2	(80.5-89.9)
Obese (BMI: ≥30.0)	White, non-Hispanic	463	45.4	(32.7-58.1)	295	57.9	(47.1 - 68.7)
	Black, non-Hispanic	363	45.0	(38.3-51.7)	213	63.0	(51.0 - 75.0)
	Mexican American	398	47.0	(34.3-59.7)	240	59.5	(49.3-69.7)
	Total [¶]	1,260	45.7	(36.7-54.7)	827	54.8	(46.0-63.6)

^{*} Pregnant females were excluded; results were age-standardized to the 2000 U.S. standard population, by using age groups 20–39 years, 40–59 years, _and ≥60 years.

TABLE 2. Prevalence of overweight and obesity among adults with diagnosed diabetes*, by sex and age group — Third National Health and Nutrition Examination Survey (NHANES III), 1988–1994, and NHANES 1999–2002, United States

	, , ,			NHANES III 1988–1994				ES 002
Body mass index (BMI) [†] group	Sex	Age group (yrs)	No. surveyed	%	(95% CI§)	No. surveyed	%	(95% CI)
Overweight or obese (BMI: ≥25.0)	Men	≥20 20–64 ≥65	556 272 284	77.6 85.6 75.9	(66.2–89.0) (79.1–92.1) (69.8–82.0)	406 216 190	86.3 84.2 84.3	(78.7–93.9) (77.1–91.3) (79.8–88.8)
	Women	≥20 20–64 ≥65	704 355 349	79.8 82.0 73.7 [¶]	(72.7–86.9) (75.7–88.3) (67.2–80.2)	421 221 200	84.2 84.3 79.9	(78.5–89.9) (78.6–90.0) (72.6–87.2)
	Total	≥20 20–64 ≥65	1,260 627 633	78.5 83.7 74.6 [¶]	(72.2–84.8) (79.4–88.0) (69.9–79.3)	827 437 390	85.2 84.2 81.8	(80.5–89.9) (79.1–89.3) (76.7–86.9)
Obese (BMI: ≥30.0)	Men	≥20 20–64 ≥65	556 272 284	38.2 51.8 22.4 [¶]	(29.0–47.4) (42.8–60.8) (15.7–29.1)	406 216 190	53.0 51.5 38.9	(41.6–64.4) (40.1–62.9) (30.3–47.5)
	Women	≥20 20–64 ≥65	704 355 349	53.5 54.1 38.2 [¶]	(44.7–62.3) (46.7–61.5) (31.1–45.3)	421 221 200	58.0 64.7 47.4¶	(46.4–69.6) (55.5–73.9) (38.6–56.2)
	Total	≥20 20–64 ≥65	1,260 627 633	45.7 53.0 31.6 [¶]	(36.7–54.7) (46.3–59.7) (26.5–36.7)	827 437 390	54.8 57.5 43.8¶	(46.0–63.6) (49.3–65.7) (37.5–50.1)

^{*} Pregnant females were excluded; results for the groups aged ≥20 years were age-standardized to the 2000 U.S. standard population, by using age _groups 20–39 years, 40–59 years, and ≥60 years.

Editorial Note: The prevalence of obesity among adults overall in the United States increased from 22.9% during 1988–1994 to 30.5% during 1999–2002 (*5*,*6*); the prevalence of obesity among adults with diagnosed diabetes remained high, at 45.7% during 1988–1994 and 54.8% during 1999–2002. Weight management, through healthy eating and physical

activity, can help reduce the number of persons at risk for diabetes and reduce the risk for complications and premature mortality among those who already have diabetes.

The findings in this report are subject to at least three limitations. First, the NHANES surveys exclude institutionalized persons, including those in nursing homes, a population with

Calculated from participant weight and height (BMI = kg/m²) and rounded to the nearest tenth.

[§]Confidence interval.

Includes racial/ethnic populations not shown separately.

Calculated from participant weight and height (BMI = kg/m²) and rounded to the nearest tenth.

^SConfidence interval.

Significantly different from persons aged 20-64 years (p<0.05).

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a high rate of diabetes (7). Second, the number of persons with diagnosed diabetes surveyed limited the power of the analysis and precluded stratifying the results by multiple demographic groups. Finally, greater clinical vigilance of overweight or obese persons might have resulted in a greater proportion receiving diagnoses of diabetes.

The National Diabetes Education Program (NDEP), cosponsored by CDC and the National Institutes of Health (NIH), has an ongoing community campaign to reduce morbidity and mortality, Control Your Diabetes for Life, which educates persons about healthy eating and weight control. Information about the campaign is available from NDEP at http://www.ndep.nih.gov/campaigns/controlforlife/controlforlife_index.htm. Research into the effects of obesity on diabetes includes a multicenter clinical trial, sponsored by NIH and CDC, to determine the long-term health benefits of an intensive lifestyle intervention designed to achieve and maintain weight loss (8).

The health consequences of diabetes are compounded by overweight and obesity. However, the prevalence of overweight and obesity among persons with diabetes has not been monitored regularly. Findings in this report provide baseline data to track future trends that will enable public health agencies to assess the scope of this public health concern, target programs, and allocate resources accordingly.

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Prevalence of Visual Impairment and Selected Eye Diseases Among Persons Aged >50 Years With and Without Diabetes — United States, 2002

Visual impairment and blindness* affect an estimated 3.4 million U.S. adults aged \geq 40 years (1). The leading causes of visual impairment and blindness are diabetic retinopathy and age-related eye diseases (e.g., cataracts, macular degeneration, and glaucoma) (2). Diabetes affects approximately 18 million U.S. adults, of whom an estimated 30% have undiagnosed diabetes, and imposes an increased risk for eye disease (3). To characterize the prevalence of visual impairment and selected eye diseases (i.e., diabetic retinopathy, cataracts, macular degeneration, and glaucoma) among persons aged ≥50 years with and without diabetes, CDC analyzed data from the 2002 National Health Interview Survey (NHIS). This report summarizes the findings of that analysis, which identified a substantially higher prevalence of visual impairment and eye disease among those with diabetes compared with those without diabetes. Measures are needed to increase comprehensive eye examinations, especially among adults at high risk for blindness and visual impairment (e.g., persons aged ≥65 years and those with diabetes).

NHIS is a stratified, multistage probability sample survey representing the U.S. civilian, noninstitutionalized population. For this analysis, respondents were classified as having diabetes if they answered "yes" to the question, "Have you ever been told by a doctor or health professional that you have diabetes or sugar diabetes?" Women who had diabetes only during pregnancy and persons who reported having borderline diabetes were classified as not having diabetes. Respondents were classified as having visual impairment (including blindness) if they answered "yes" to the question, "Do you have any trouble seeing even when wearing glasses or contact lenses?" Respondents were classified as having diabetic retinopathy, cataracts, glaucoma, or macular degeneration if they answered "yes" to the question, "Have you ever been told by a doctor or other health-care professional that you had diabetic retinopathy, cataracts, glaucoma, or macular degeneration?" The prevalence of visual impairment and selected eye diseases was determined for adults with and without diabetes and for specific characteristics (i.e., age, sex, race/ethnicity, education, and health insurance status).

Logistic regression analysis was used to assess the association between diabetes status and prevalence of visual impairment or selected eye diseases while adjusting for demographic characteristics. Chi-square analysis was used to test for statistical significance. All data were weighted to reflect the age, sex, and racial/ethnic distribution of the adult population, and analyses were conducted by using statistical software. Data were ageadjusted to the 2000 U.S. standard population. All results are statistically significant (p<0.05) unless otherwise noted.

In 2002, among persons aged ≥50 years with and without diabetes, the age-adjusted prevalence of visual impairment was 23.5% and 12.4%, respectively. The age-adjusted prevalence of diabetic retinopathy among persons aged ≥50 years with diabetes was 10.2%. The age-adjusted prevalence for cataracts among those with and without diabetes was 31.8% and 21.2%, respectively; for glaucoma, 8.0% and 4.3%; and for macular degeneration, 2.8% and 2.9% (Table).

The prevalence of visual impairment, cataracts, and glaucoma was higher among persons aged ≥50 years with diabetes than among those without diabetes, overall, and for most groups examined (Table). Among persons with diabetes, the age-adjusted prevalence of visual impairment was higher among women than men (28.5% versus 19.2%) and higher among those with less than high school education than among those with high school or more education (30.5% versus 20.9%). Among persons without diabetes, the prevalence of visual impairment was higher among persons aged ≥65 years than persons aged 50-64 years (16.1% versus 9.2%), higher among women than men (13.6% versus 10.9%), higher among other racial/ethnic populations than non-Hispanic whites (14.1% versus 12.0%), and higher among those with less than a high school education than among those with at least a high school education (18.0% versus 11.0%).

Among persons with diabetes, the prevalence of cataracts was higher among persons aged ≥65 years than persons aged 50-64 years (50.3% versus 16.1%), higher among women than men (37.3% versus 26.7%), and higher among non-Hispanic whites than those of other racial/ethnic populations (34.8% versus 24.1%). The prevalence of glaucoma was higher among persons aged \geq 65 years than persons aged 50–64 years (11.7% versus 4.9%) and higher among other racial/ethnic populations than non-Hispanic whites (11.4% versus 6.8%). The prevalence of macular degeneration was higher among persons aged \geq 65 years than persons aged 50–64 years (4.7%) versus 1.1%), higher among non-Hispanic whites than other racial/ethnic populations (3.2% versus 1.4%), and higher among those with at least a high school education than those with less than a high school education (3.3% versus 1.7%). No statistically significant differences in the prevalence of

^{*}Visual impairment is defined as best-corrected visual acuity of $\leq 20/40$ in the better-seeing eye. Blindness is defined as best-corrected visual acuity of $\leq 20/200$ in the better-seeing eye.

TABLE. Prevalence of visual impairment and selected eye diseases among persons aged ≥50 years with and without diagnosed diabetes, by selected characteristics — National Health Interview Survey, United States, 2002*

		Visual impa	irment†			Ca	itaracts	
		Diabetes	No	diabetes		iabetes	No	diabetes
Characteristic	%	(95% CI [§])	%	(95% CI)	%	(95% CI)	%	(95% CI)
Age group (yrs)								
50–64	22.5	(18.9-26.2)	9.2	(8.4-10.1)	16.1	(13.0-19.3)	6.0	(5.3-6.7)
≥65	24.7	(21.6-27.8)	16.1	(15.0-17.3)	50.3	(46.7-54.0)	39.2	(37.7 - 40.8)
Total (unadjusted)	23.7	(21.3–26.0)	12.1	(11.4–12.8)	34.0	(31.4–36.6)	19.9	(19.1–20.7)
Sex								
Men	19.2	(16.0-22.3)	10.9	(9.8-11.9)	26.7	(23.5-29.9)	18.4	(17.1 - 19.6)
Women	28.5	(24.8–32.2)	13.6	(12.6–14.5)	37.3	(33.7–41.0)	23.3	(22.2–24.3)
Race/Ethnicity								
White, non-Hispanic	23.0	(20.0-26.0)	12.0	(11.2-12.8)	34.8	(31.7-37.8)	22.4	(21.5-23.3)
Other [¶]	24.9	(20.7–29.2)	14.1	(12.3–15.8)	24.1	(20.6–27.6)	14.9	(13.3–16.5)
Education level								
<high school<="" td=""><td>30.5</td><td>(25.5-35.4)</td><td>18.0</td><td>(16.1-19.9)</td><td>35.1</td><td>(30.2-40.1)</td><td>22.9</td><td>(21.2-24.7)</td></high>	30.5	(25.5-35.4)	18.0	(16.1-19.9)	35.1	(30.2-40.1)	22.9	(21.2-24.7)
≥High school	20.9	(18.1–23.7)	11.0	(10.2–11.8)	30.9	(28.1–33.7)	21.1	(20.1–22.0)
Health insurance								
Yes	22.6	(20.1-25.1)	12.1	(11.4-12.8)	32.3	(29.8-34.8)	21.4	(20.6-22.3)
No	33.3	(20.9–45.7)	19.5	(10.8–28.3)	24.4	(13.2–35.6)	11.9	(5.7–18.1)
Total (age-adjusted)	23.5	(21.1– 25.9)	12.4	(11.7–13.1)	31.8	(29.4–34.2)	21.2	(20.4–22.0)

TABLE. (Continued) Prevalence of visual impairment and selected eye diseases among persons aged ≥50 years with and without diagnosed diabetes, by selected characteristics — National Health Interview Survey, United States, 2002

		Gla	ucoma			Macular d	egenerati	ion	Diabetic	retinopathy**
	D	iabetes	No	diabetes		iabetes	No	diabetes	D	iabetes
Characteristic	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Age group (yrs)										
50–64	4.9	(3.0-6.8)	1.9	(1.5-2.3)	1.1	(0.4-1.8)	0.7	(0.4-0.9)	9.7	(7.3-12.1)
≥65	11.7	(9.4-13.9)	7.0	(6.2-7.8)	4.7	(3.2-6.2)	5.6	(4.8-6.3)	10.8	(8.6-13.0)
Total (unadjusted)	8.4	(6.9-9.9)	4.1	(3.7-4.5)	3.0	(2.1-3.8)	2.7	(2.4-3.0)	10.3	(8.6-11.9)
Sex										
Men	7.0	(5.0-8.9)	4.0	(3.3-4.7)	2.7	(1.6-3.9)	2.3	(1.8-2.8)	8.7	(6.4-11.0)
Women	9.1	(6.9–11.2)	4.5	(3.9-5.0)	2.8	(1.8–3.9)	3.4	(2.9-3.8)	11.8	(9.5–14.1)
Race/Ethnicity										
White, non-Hispanic	6.8	(5.1 - 8.5)	4.1	(3.6-4.5)	3.2	(2.2-4.1)	3.2	(2.8-3.7)	9.4	(7.5-11.2)
Other	11.4	(8.4–14.4)	5.2	(4.2-6.2)	1.4	(0.4-2.4)	1.1	(0.5-1.8)	12.0	(8.8–15.2)
Education level										
<high school<="" td=""><td>9.3</td><td>(6.6-12.0)</td><td>5.3</td><td>(4.2-6.3)</td><td>1.7</td><td>(0.8-2.6)</td><td>2.6</td><td>(2.0-3.3)</td><td>12.1</td><td>(8.8-15.4)</td></high>	9.3	(6.6-12.0)	5.3	(4.2-6.3)	1.7	(0.8-2.6)	2.6	(2.0-3.3)	12.1	(8.8-15.4)
≥High school	7.3	(5.6–9.1)	4.0	(3.5-4.5)	3.3	(2.2-4.5)	3.0	(2.6-3.5)	9.4	(7.5–11.3)
Health insurance										
Yes	8.3	(6.7 - 9.8)	4.3	(3.9-4.8)	2.8	(2.0-3.6)	2.9	(2.6-3.3)	10.2	(8.5-11.9)
No	6.6	(-0.9–14.1)	0.6	(0.2–0.9)	3.3	(-2.9-9.4)	1.1	(-0.2–2.3)	9.9	(2.4–17.5)
Total (age-adjusted)	8.0	(6.5–9.5)	4.3	(3.8–4.7)	2.8	(2.0-3.5)	2.9	(2.5-3.3)	10.2	(8.5–11.8)

^{*} Sex, race/ethnicity, education level, and health insurance status were age-adjusted according to the 2000 U.S. standard population.

diabetic retinopathy between age, sex, race/ethnicity, education, and health insurance status were observed.

After data were adjusted for all demographic characteristics, persons with diabetes reported having more visual impairment (odds ratio [OR] = 2.1; 95% confidence interval

[CI] = 1.8-2.5), cataracts (OR = 2.1; 95% CI = 1.8-2.4), and glaucoma (OR = 1.9; 95% CI = 1.5-2.4), compared with persons without diabetes; however, differences in prevalence of age-related macular degeneration were not statistically significant (OR = 1.0; 95% CI = 0.8-1.5).

[†] Visual impairment, including blindness.

[§] Confidence interval.

Numbers for racial/ethnic populations other than non-Hispanic white were combined because, when analyzed separately, data were too small for meaningful analysis.

^{**} Not applicable for persons without diabetes.

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Editorial Note: The findings in this report suggest a higher prevalence of visual impairment and eye disease among persons aged >50 years with diagnosed diabetes than among those without diabetes. Although diabetic retinopathy is a major cause of visual impairment among persons with diabetes, other causes (e.g., cataracts, glaucoma, and macular degeneration) are frequently responsible for visual impairment in persons with diabetes (4,5). The prevalence of diabetes mellitus is increasing in the United States (6). With the aging of the U.S. population, the number of older persons with diabetes is likely to increase, which suggests that a smaller proportion of visual impairment among persons with diabetes will be attributed to diabetic retinopathy. Health-care professionals should check for eye diseases and diabetic retinopathy when evaluating persons with diabetes. Yearly dilated eye examinations should be part of diabetes management in addition to managing hyperglycemia, hypertension, and lipid abnormalities.

The findings in this report are subject to at least four limitations. First, self-reported visual impairment might not represent measured vision impairment; however, it does represent the perceived vision quality of a population (7). Second, the prevalence of visual impairment and eye disease documented in this report is limited to persons with diagnosed diabetes; approximately 30% of persons have undiagnosed diabetes, and a substantial proportion of persons with undiagnosed diabetes might have diabetes-related vision disorders. Third, selfreported eye diseases could be misclassified; persons might mistake their disease for other conditions, and self-reported diabetic retinopathy might not include the early stages of the disease because patients might not count it as retinopathy. Finally, the increased prevalence of visual impairment and eye disease among older persons (i.e., aged ≥65 years) might also be attributed to detection bias associated with higher rates of insurance coverage among persons aged ≥65 years versus persons aged 50-64 years (98.5% versus 88.7%; p<0.05) and, thus, higher rates of health-care use. Moreover, the high prevalence of visual impairment and eye disease among persons with diabetes in these findings might be related to more frequent use of their health-care system.

Reducing visual impairment, increasing preventive eye care, and increasing use of vision rehabilitation services are public health priorities. CDC has made progress in vision health for persons with diabetes. For example, increasing comprehensive eye examination is a national objective for diabetes prevention and control programs. Although the percentage of annual comprehensive eye examinations has increased (e.g.,

from 58.9% in 1995 to 65.9% in 2001), the percentage is still below the 2010 national health objective of 75% (8). CDC also collaborates with the National Eye Institute through the National Eye Health Education Program (NEHEP) to increase public and professional awareness activities related to diabetic eye disease. NEHEP materials designed to educate the public and health-care providers are available at http://www.nei.nih.gov/publications/publications.htm.

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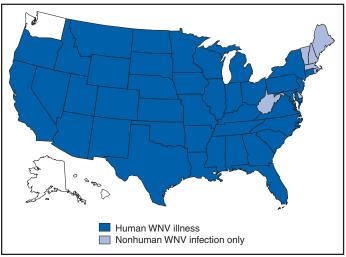
West Nile Virus Activity — United States, November 9–16, 2004

During November 9–16, a total of 31 cases of human West Nile virus (WNV) illness were reported from eight states (Arizona, Georgia, Maryland, Michigan, Missouri, New York, Pennsylvania, and Texas).

During 2004, 40 states and the District of Columbia (DC) have reported 2,313 cases of human WNV illness to CDC through ArboNET (Figure and Table). Of these, 737 (32%) cases were reported in California, 390 (17%) in Arizona, and 276 (12%) in Colorado. A total of 1,339 (59%) of the 2,282 cases for which such data were available occurred in males; the median age of patients was 52 years (range: 1 month–99 years). Date of illness onset ranged from April 23 to November 4; a total of 79 cases were fatal.

A total of 192 presumptive West Nile viremic blood donors (PVDs) have been reported to ArboNET in 2004. Of these, 68 (35%) were reported in California; 35 (18%) in Arizona; 16 in Texas; 15 in New Mexico; seven in Colorado; six each in Louisiana and Oklahoma; five in Nevada; four in Georgia and Iowa; three each in Florida, Michigan, and South

FIGURE. Areas reporting West Nile virus (WNV) activity — United States, 2004*



^{*} As of 3 a.m., Mountain Standard Time, November 16, 2004.

Dakota; two each in Minnesota, Mississippi, Missouri, and Wisconsin; and one each in Delaware, Kentucky, Maryland, Nebraska, New Jersey, New York, North Dakota, Oregon, and Pennsylvania. Of the 192 PVDs, three persons aged 35, 69, and 77 years subsequently had neuroinvasive illness, and 55 persons (median age: 52 years; range: 17–73 years) subsequently had West Nile fever.

In addition, 5,660 dead corvids and 1,414 other dead birds with WNV infection have been reported from 46 states and New York City during 2004. WNV infections have been reported in horses in 37 states; one bat in Wisconsin; nine dogs in Nevada, New Mexico, and Wisconsin; seven squirrels in Arizona and Wyoming; and 14 unidentified animal species in nine states (Arizona, Idaho, Illinois, Iowa, Kentucky, Missouri, Nevada, New York, and South Carolina). WNV seroconversions have been reported in 1,429 sentinel chicken flocks in 14 states (Alabama, Arizona, Arkansas, California, Delaware, Florida, Iowa, Louisiana, Nebraska, Nevada, North Carolina, Pennsylvania, South Dakota, and Utah) and in 31 wild hatchling birds in Missouri and Ohio. Four seropositive sentinel horses were reported in Minnesota and Puerto Rico. A total of 8,263 WNV-positive mosquito pools have been reported in 38 states, DC, and New York City.

Additional information about national WNV activity is available from CDC at http://www.cdc.gov/ncidod/dvbid/westnile/index.htm and at http://westnilemaps.usgs.gov.

TABLE. Number of human cases of West Nile virus (WNV) illness, by area — United States, 2004*

	Neuro- invasive disease [†]	West Nile fever§	Other clinical/ unspecified [¶]	Total reported to CDC**	Deaths
Alabama	13	0	0	13	0
Arizona	128	77	185	390	11
Arkansas	12	9	1	22	0
California	150	256	331	737	20
Colorado	39	237	0	276	3
Connecticut	0	1	0	1	0
District of Columbia	a 1	0	0	1	0
Florida	29	8	0	37	2
Georgia	12	6	Ö	18	0
Idaho	0	0	2	2	0
Illinois	28	27	1	56	3
Indiana	5	0	2	7	1
lowa	11	7	4	22	2
Kansas	18	25	0	43	2
Kentucky	1	6	0	7	0
Louisiana	68	17	0	85	7
	7	7	1	15	0
Maryland Mishigan	11	2	0	13	0
Michigan	13	21	0	34	2
Minnesota				-	3
Mississippi	23	5	2 2	30	3 2
Missouri	26	9	_	37	
Montana	2	3	1	6	0
Nebraska	4	26	0	30	0
Nevada	25	19	0	44	0
New Jersey	1	0	0	1	0
New Mexico	30	50	4	84	4
New York	7	3	0	10	0
North Carolina	3	0	0	3	0
North Dakota	2	18	0	20	1
Ohio	11	1	0	12	2
Oklahoma	10	6	0	16	1
Oregon	0	3	0	3	0
Pennsylvania	9	4	1	14	2
South Carolina	0	1	0	1	0
South Dakota	6	45	0	51	1
Tennessee	13	1	0	14	0
Texas	89	34	0	123	8
Utah	6	5	0	11	0
Virginia	4	0	1	5	1
Wisconsin	4	6	0	10	1
Wyoming	2	5	2	9	0
Total	823	950	540	2,313	79

^{*} As of November 16, 2004.

[†] Cases with neurologic manifestations (i.e., West Nile meningitis, West Nile encephalitis, and West Nile myelitis).

[§] Cases with no evidence of neuroinvasion.

[¶] Illnesses for which sufficient clinical information was not provided.

^{**} Total number of human cases of WNV illness reported to ArboNet by state and local health departments.



Recommended Adult Immunization Schedule — United States, October 2004–September 2005

Weekly

November 19, 2004 / Vol. 53 / No. 45

CDC's Advisory Committee on Immunization Practices (ACIP) annually reviews the recommended Adult Immunization Schedule to ensure that the schedule reflects current recommendations for the use of licensed vaccines. In June 2004, ACIP approved the Adult Immunization Schedule for October 2004–September 2005. This schedule has also been approved by the American Academy of Family Physicians and the American College of Obstetricians and Gynecologists.

Changes in the Schedule for October 2004– September 2005

The 2004–2005 schedule differs from the previous schedule as follows:

- Both figures now provide a separate row for each vaccine (Figures 1 and 2).
- Health-care workers have been added to the figure that provides immunization recommendations by medical indications and other conditions (Figure 2).
- The special note regarding influenza vaccination of pregnant women reflects the revised ACIP recommendations that all pregnant women should receive influenza vaccination regardless of preexisting chronic conditions (1).

Health-care workers were added to the Adult Immunization Schedule in response to provider requests; this change should facilitate assessment of the vaccination status of health-care workers and administration of needed vaccinations. In 2002, 38.4% of health-care workers reported influenza vaccination, and 62.3% reported having completed hepatitis B

The Recommended Adult Immunization Schedule has been approved by the Advisory Committee on Immunization Practices, the American College of Obstetricians and Gynecologists, and the American Academy of Family Physicians. The standard MMWR footnote format has been modified for publication of this schedule.

Suggested citation: Centers for Disease Control and Prevention. Recommended Adult Immunization Schedule—United States, October 2004–September 2005. MMWR 2004;53:Q1–4.

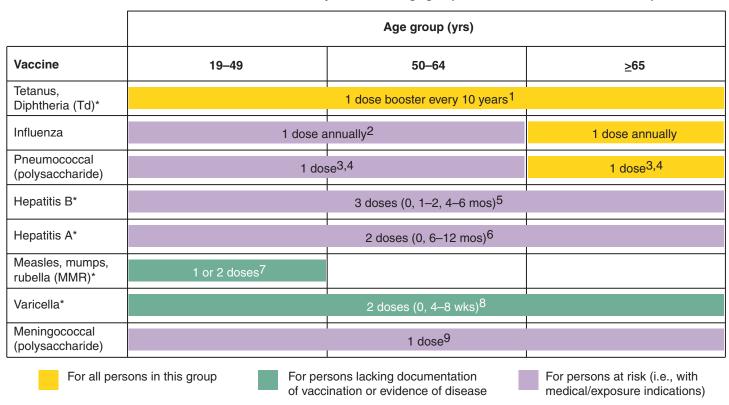
vaccination series (National Health Interview Survey, CDC, unpublished data, 2003). Influenza vaccination of health-care workers is an important preventive measure for persons at high risk for complications from influenza infection. Health-care workers involved in direct patient care are among the priority groups recommended to receive influenza vaccination for the 2004–05 influenza season, despite the vaccine shortage (2).

The Adult Immunization Schedule is available in English and Spanish at http://www.cdc.gov/nip/recs/adult-schedule.htm. General information about adult immunization, including recommendations concerning vaccination of persons with human immunodeficiency virus (HIV) and other immunosuppressive conditions, is available from state and local health departments and from the National Immunization Program at http://www.cdc.gov/nip. Vaccine information statements are available at http://www.cdc.gov/nip/publications/vis. ACIP statements for each recommended vaccine can be viewed, downloaded, and printed from CDC's National Immunization Program at http://www.cdc.gov/nip/publications/ acip-list.htm. Instructions for reporting adverse events after vaccination to the Vaccine Adverse Event Reporting System (VAERS) are available at http://www.vaers.org or by telephone, 800-822-7967.

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- 2. CDC. Interim influenza vaccination recommendations, 2004–05 influenza season. MMWR 2004;53:923–4.

FIGURE 1. Recommended adult immunization schedule, by vaccine and age group — United States, October 2004–September 2005



^{*} Covered by the Vaccine Injury Compensation Program.

- 1. Tetanus and diphtheria (Td). Adults, including pregnant women with uncertain history of a complete primary vaccination series, should receive a primary series of Td. A primary series for adults is 3 doses; administer the first 2 doses at least 4 weeks apart and the 3rd dose 6–12 months after the second. Administer 1 dose if the person received the primary series and if the last vaccination was received ≥10 years previously. Consult recommendations for administering Td as prophylaxis in wound management (see MMWR 1991;40[No. RR-10]). The American College of Physicians Task Force on Adult Immunization supports a second option for Td use in adults: a single Td booster at age 50 years for persons who have completed the full pediatric series, including the teenage/young adult booster.
- 2. Influenza vaccination. The Advisory Committee on Immunization Practices (ACIP) recommends inactivated influenza vaccination for the following indications, when vaccine is available. *Medical indications*: chronic disorders of the cardiovascular or pulmonary systems, including asthma; chronic metabolic diseases, including diabetes mellitus, renal dysfunction, hemoglobinopathies, or immunosuppression (including immunosuppression caused by medications or by human immunodeficiency virus [HIV]); and pregnancy during the influenza season. *Occupational indications*: health-care workers and employees of long-term—care and assisted living facilities. *Other indications:* residents of nursing homes and other long-term—care facilities; persons likely to transmit influenza to persons at high risk (i.e., in-home caregivers to persons with medical indications, household/close contacts and out-of-home caregivers of children aged 0–23 months,

household members and caregivers of elderly persons and adults with highrisk conditions); and anyone who wishes to be vaccinated. For healthy persons aged 5-49 years without high-risk conditions who are not contacts of severely immunocompromised persons in special care units, either the inactivated vaccine or the intranasally administered influenza vaccine (FluMist®) may be administered (see MMWR 2004;53[No. RR-6]). Note: Because of the vaccine shortage for the 2004-05 influenza season, CDC has recommended that vaccination be restricted to the following priority groups, which are considered to be of equal importance: all children aged 6-23 months; adults aged >65 years; persons aged 2-64 years with underlying chronic medical conditions; all women who will be pregnant during the influenza season; residents of nursing homes and long-termcare facilities; children aged 6 months-18 years on chronic aspirin therapy; health-care workers involved in direct patient care; and out-of-home caregivers and household contacts of children aged <6 months. For the 2004-05 season, intranasally administered, live, attenuated influenza vaccine, if available, should be encouraged for healthy persons who are aged 5-49 years and are not pregnant, including health-care workers (except those who care for severely immunocompromised patients in special care units) and persons caring for children aged <6 months (see MMWR 2004:53:923-4)

3. Pneumococcal polysaccharide vaccination. Medical indications: chronic disorders of the pulmonary system (excluding asthma); cardiovascular diseases; diabetes mellitus; chronic liver diseases, including liver disease as

This schedule indicates the recommended age groups for routine administration of currently licensed vaccines for persons aged ≥19 years. Licensed combination vaccines may be used whenever any components of the combination are indicated and when the vaccine's other components are not contraindicated. Providers should consult manufacturers' package inserts for detailed recommendations. Report all clinically significant postvaccination reactions to the Vaccine Adverse Event Reporting System (VAERS). Reporting forms and instructions on filing a VAERS report are available by telephone, 800-822-7967, or from the VAERS website at http://www.vaers.prg. Information on how to file a Vaccine Injury Compensation Program claim is available at http://www.hrsa.gov/osp/vicp or by telephone, 800-338-2382. To file a claim for vaccine injury, contact the U.S. Court of Federal Claims, 717 Madison Place, N.W., Washington, DC 20005, telephone 202-219-9657.

Additional information about the vaccines listed above and contraindications for immunization is available at http://www.cdc.gov/nip or from the National Immunization Hotline, 800-232-2522 (English) or 800-232-0233 (Spanish). Approved by the Advisory Committee on Immunization Practices (ACIP), the American College of Obstetricians and Gynecologists (ACOG), and the American Academy of Family Physicians (AAFP).

FIGURE 2. Recommended adult immunization schedule, by vaccine and medical and other indications — United States, October 2004–September 2005

	and the state of t										
Vaccine	Pregnancy	disease, chronic pulmonary disease, chronic liver disease (including	immunodeficiency, cochlear implants, leukemia, lymphoma, generalized malignancy, therapy with alkylating agents, antimetabolites, CSF [†] leaks, radiation, or large amounts	end-stage renal disease, recipients of hemodialysis or clotting factor	(including elective splenectomy and terminal complement component	HIV [§] infection	Health-care workers				
Tetanus, Diphtheria (Td)*,1											
Influenza ²		A, B			С		l				
Pneumococcal (polysaccharide) ^{3,4}		В])	D, E, F	D, G					
Hepatitis B*,5				Н							
Hepatitis A*,6		I									
Measles, mumps, rubella (MMR)* ,7						J					
Varicella*,8			K	_							
For all persons in this group For persons lacking documentation of vaccination or evidence of disease For persons at risk (i.e., with medical/exposure indications)											

^{*} Covered by the Vaccine Injury Compensation Program.

Special Notes for Medical and Other Indications

- A. Although chronic liver disease and alcoholism are not indications for influenza vaccination, administer 1 dose annually if the patient is aged ≥50 years, has other indications for influenza vaccine, or requests vaccination.
- B. Asthma is an indication for influenza vaccination but not for pneumococcal vaccination.
- C. No data exist specifically on the risk for severe or complicated influenza infections among persons with asplenia. However, influenza is a risk factor for secondary bacterial infections that can cause severe disease among persons with asplenia.
- D. For persons aged <65 years, revaccinate once after ≥5 years have elapsed since initial vaccination.
- E. Administer meningococcal vaccine and consider Haemophilus influenzae type b vaccine.
- F. For persons undergoing elective splenectomy, vaccinate \geq 2 weeks before surgery.
- G. Vaccinate as soon after diagnosis as possible.
- H. For hemodialysis patients, use special formulation of vaccine (40 μg/mL) or two 20 μg/mL doses administered at one body site. Vaccinate early in the course of renal disease. Assess antibody titers to hepatitis B surface antigen (anti-HB) levels annually. Administer additional doses if anti-HB levels decline to <10 mlU/mL.
- For all persons with chronic liver disease.
- J. Withhold MMR or other measles-containing vaccines from HIV-infected persons with evidence of severe immunosuppression (see *MMWR* 1998;47 [No. RR-8]:21–2 and *MMWR* 2002;51[No. RR-2]:22–4).
- K. Persons with impaired humoral immunity but intact cellular immunity may be vaccinated (see MMWR 1999;48[No. RR-6]).

a result of alcohol abuse (e.g., cirrhosis); chronic renal failure or nephrotic syndrome; functional or anatomic asplenia (e.g., sickle cell disease or splenectomy); immunosuppressive conditions (e.g., congenital immunodeficiency, HIV infection, leukemia, lymphoma, multiple myeloma, Hodgkins disease, generalized malignancy, or organ or bone marrow transplantation); chemotherapy with alkylating agents, antimetabolites, or long-term systemic corticosteroids; or cochlear implants. *Geographic/other indications*: Alaska Natives and certain American Indian populations. *Other indications*: residents of nursing homes and other long-term—care facilities (see *MMWR* 1997;46[No. RR-8] and *MMWR* 2003;52:739—40).

4. Revaccination with pneumococcal polysaccharide vaccine. One-time revaccination after 5 years for persons with chronic renal failure or nephrotic syndrome; functional or anatomic asplenia (e.g., sickle cell disease or splenectomy); immunosuppressive conditions (e.g., congenital immunodeficiency, HIV infection, leukemia, lymphoma, multiple myeloma, Hodgkins disease, generalized malignancy, or organ or bone marrow transplantation); or chemotherapy with alkylating agents, antimetabolites, or long-term systemic corticosteroids. For persons aged ≥65 years, one-time revaccination if they were vaccinated ≥5 years previously and were aged <65 years at the time of primary vaccination (see *MMWR* 1997;46[No. RR-8]).

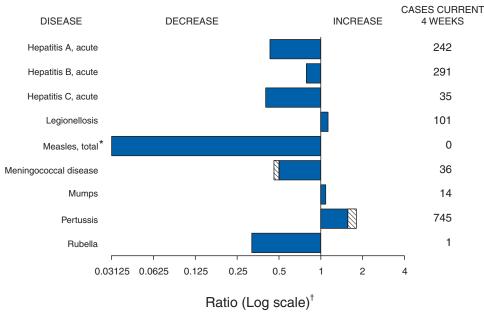
^{*}Cerebrospinal fluid.

[§]Human immunodeficiency virus.

- **5. Hepatitis B vaccination.** *Medical indications*: hemodialysis patients or patients who receive clotting factor concentrates. *Occupational indications*: health-care workers and public-safety workers who have exposure to blood in the workplace; and persons in training in schools of medicine, dentistry, nursing, laboratory technology, and other allied health professions. *Behavioral indications*: injection-drug users; persons with more than one sex partner during the previous 6 months; persons with a recently acquired sexually transmitted disease (STD); all clients in STD clinics; and men who have sex with men. *Other indications*: household contacts and sex partners of persons with chronic hepatitis B virus (HBV) infection; clients and staff members of institutions for the developmentally disabled; inmates of correctional facilities; or international travelers who will be in countries with high or intermediate prevalence of chronic HBV infection for >6 months (http://www.cdc.gov/travel/diseases/hbv.htm) (see *MMWR* 1991;40[No. RR-13]).
- **6. Hepatitis A vaccination.** *Medical indications*: persons with clotting factor disorders or chronic liver disease. *Behavioral indications*: men who have sex with men or users of illegal drugs. *Occupational indications*: persons working with hepatitis A virus (HAV)-infected primates or with HAV in a research laboratory setting. *Other indications*: persons traveling to or working in countries that have high or intermediate endemicity of hepatitis A . If the combined Hepatitis A and Hepatitis B vaccine is used, administer 3 doses at 0, 1, and 6 months (http://www.cdc.gov/travel/diseases/hav.htm) (see *MMWR* 1999;48[No. RR-12]).
- 7. Measles, mumps, rubella (MMR) vaccination. Measles component: adults born before 1957 can be considered immune to measles. Adults born during or after 1957 should receive ≥1 dose of MMR unless they have a medical contraindication, documentation of ≥1 dose, or other acceptable evidence of immunity. A second dose of MMR is recommended for adults who 1) were recently exposed to measles or in an outbreak setting, 2) were previously vaccinated with killed measles vaccine, 3) were vaccinated with an unknown vaccine during 1963–1967, 4) are students in postsecondary educational institutions, 5) work in health-care facilities, or 6) plan to travel internationally. Mumps component: 1 dose of MMR vaccine should be adequate for protection. Rubella component: Administer 1 dose of MMR vaccine to women whose rubella vaccination history is unreliable and counsel women to avoid becoming pregnant for 4 weeks after vaccination. For women of childbearing age, regardless of birth year,

- routinely determine rubella immunity and counsel women regarding congenital rubella syndrome. Do not vaccinate pregnant women or those planning to become pregnant during the next 4 weeks. For women who are pregnant and susceptible, vaccinate as early in the postpartum period as possible (see *MMWR* 1998;47[No. RR-8] and *MMWR* 2001;50:1117).
- 8. Varicella vaccination. Recommended for all persons lacking a reliable clinical history of varicella infection or serologic evidence of varicella zoster virus (VZV) infection who might be at high risk for exposure or transmission. This includes health-care workers and family contacts of immunocompromised persons: persons who live or work in environments where transmission is likely (e.g., teachers of young children, child care employees, and residents and staff members in institutional settings); persons who live or work in environments where VZV transmission can occur (e.g., college students, inmates, and staff members of correctional institutions, and military personnel); adolescents aged 11-18 years and adults living in households with children; women who are not pregnant but who might become pregnant; and international travelers who are not immune to infection. Note: Approximately 95% of U.S.-born adults are immune to VZV. Do not vaccinate pregnant women or those planning to become pregnant during the next 4 weeks. For women who are pregnant and susceptible, vaccinate as early in the postpartum period as possible (see MMWR 1999;48 [No. RR-6]).
- 9. Meningococcal vaccine (quadrivalent polysaccharide for serogroups A, C, Y, and W 135). Medical indications: adults with terminal complement component deficiencies or those with anatomic or functional asplenia. Other indications: travelers to countries in which meningococcal disease is hyperendemic or epidemic (e.g., the "meningitis belt" of sub-Saharan Africa and Mecca, Saudi Arabia). Revaccination after 3-5 years might be indicated for persons at high risk for infection (e.g., persons residing in areas where disease is epidemic). Counsel college freshmen, especially those who live in dormitories, regarding meningococcal disease and availability of the vaccine to enable them to make an educated decision about receiving the vaccination (see MMWR 2000;49[No. RR-7]). The American Academy of Family Physicians recommends that colleges should take the lead on providing education on meningococcal infection and availability of vaccination and offer it to students who are interested. Physicians need not initiate discussion of meningococcal quadrivalent polysaccharide vaccine as part of routine medical care.

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals November 13, 2004, with historical data



Beyond historical limits

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending November 13, 2004 (45th Week)*

	Cum. 2004	Cum. 2003		Cum. 2004	Cum. 2003
Anthrax	-	-	HIV infection, pediatric [†] ¶	140	179
Botulism:	-	-	Influenza-associated pediatric mortality**	-	NA
foodborne	11	11	Measles, total	23 ^{††}	52 ^{§§}
infant	61	62	Mumps	187	189
other (wound & unspecified)	9	26	Plague	1	1
Brucellosis†	95	86	Poliomyelitis, paralytic	-	-
Chancroid	33	51	Psittacosis [†]	9	12
Cholera	4	1	Q fever [†]	62	59
Cyclosporiasis†	206	63	Rabies, human	3	2
Diphtheria	-	1	Rubella	11	7
Ehrlichiosis:	-	-	Rubella, congenital syndrome	-	1
human granulocytic (HGE)†	289	290	SARS-associated coronavirus disease† **	-	8
human monocytic (HME)†	266	240	Smallpox ^{† ¶¶}	-	NA
human, other and unspecified	30	39	Staphylococcus aureus:	-	-
Encephalitis/Meningitis:	-	-	Vancomycin-intermediate (VISA)† ¶¶	-	NA
California serogroup viral†§	78	108	Vancomycin-resistant (VRSA)† 111	1	NA
eastern equine†§	4	13	Streptococcal toxic-shock syndrome†	90	141
Powassan ^{† §}	-	-	Tetanus	15	17
St. Louis† §	8	40	Toxic-shock syndrome	109	107
western equine†§	-	-	Trichinosis	4	3
Hansen disease (leprosy)†	70	70	Tularemia [†]	78	79
Hantavirus pulmonary syndrome†	17	19	Yellow fever	-	-
Hemolytic uremic syndrome, postdiarrheal†	125	154			

^{-:} No reported cases.

^{*} No measles cases were reported for the current 4-week period yielding a ratio for week 45 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.

Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases (ArboNet Surveillance).

Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update October 24, 2004.

^{*} Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases.

Of 23 cases reported, 10 were indigenous, and 13 were imported from another country.

^{§§} Of 52 cases reported, 31 were indigenous, and 21 were imported from another country.

Not previously notifiable.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending November 13, 2004, and November 8, 2003 (45th Week)*

N.H. Vt. 1 Mass. R.I. Conn. 52 MID.ATLANTIC Upstate N.Y. 79 N.Y. City N.Y. City N.J. Pa. 1,26 E.N. CENTRAL Ohio Ind. III. 1,27 Mich. Wis. 14 W.N. CENTRAL Minn. Iplowa Mo. N. Dak. S. Mo. N. Dak. S. Dak. Nebr.** 4 Kans. 10 S.ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Va. 56 W. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Tenn.** Ala. Miss. 38 Miss. 36 W.S. CENTRAL 4,02 Ark. La. 0kla. 17 Tex.** 2,86 MOUNTAIN Mont. Idaho 1 Wyo. Colo. 28 N.Mex. 16 Ariz. 49 Utah Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska	AIDS	Chlai	mydia [†]	Coccidiod	lomycosis	Cryptospo	oridiosis		s/Meningitis t Nile§
UNITED STATES 34,91 NEW ENGLAND 1,14 Maine 1,14 Vt. 1 Mass. 43 R.I. 11 Conn. 52 MID.ATLANTIC 7,37 Upstate N.Y. 79 N.Y. City 4,08 N.J. 1,23 Pa. 1,26 E.N. CENTRAL 2,85 Ohio 56 Ind. 33 III. 1,27 Mich. 53 Wis. 14 W.N. CENTRAL 72 Minn. 19 Iowa 5 Mo. 30 N. Dak. 1 S. Dak. Nebr.** 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Va. 56 W. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Tenn.** 68 Ala. 38 Miss. 36 W.S. CENTRAL 4,02 Ark. 18 La. 81 Okla. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. Idaho 1 Wyo. 17 MONTAIN 1,29 MO		Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003
NEW ENGLAND Maine N.H. Maine N.H. Mass. N.H. Mass. R.I. Conn. S2 MID.ATLANTIC Dystate N.Y. N.Y. City N. Ci	,915 38,111	754,264	747,021	5,109	3,345	2,921	3,001	823	2,849
N.H.		25,700	24,025	-	-	155	170	-	30
Vf. 1 Mass. 43 R.I. 11 Conn. 52 MID.ATLANTIC 7,37 Upstate N.Y. 79 N.Y. City 4,08 N.J. 1,23 Pa. 1,26 E.N. CENTRAL 2,85 Ohio 56 nd. 33 II. 1,27 Mich. 53 Mis. 14 W.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 1 Nebr.** 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Va. 56 W. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 D.C	23 49 41 34		1,711 1,358	N	N	18 30	18 20	-	2
R.I. 11 Conn. 52 MID.ATLANTIC 7,37 Jpstate N.Y. 79 N.Y. City 4,08 N.J. 1,23 Pa. 1,26 E.N. CENTRAL 2,85 Dhio 56 nd. 33 II. 1,27 Mich. 53 Wis. 14 W.N. CENTRAL 72 Winn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 1 S. ATLANTIC 11,00 Col. 13 Md. 1,29 Col. 78 Wa. 56 W.Va. 56 W.Va. 56 W.Va. 56 W.Va. 70 N.C. 1,03 S.C.** 64 Fa. 1,40	14 15	890	928	-	-	23	29	-	-
Conn. 52 MID.ATLANTIC 7,37 Jpstate N.Y. 79 N.Y. City 4,08 N.J. 1,23 Pa. 1,26 E.N. CENTRAL 2,85 Ohio 56 nd. 33 II. 1,27 Mich. 53 Mis. 14 M.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 15 S. Dak. 15 S. Dak. 16 Nebr.** 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 M.Va. 7 N.Va. 7 N.Va. 7 N.Va. 7 N.Va. 7 N.Va. 7 N.C. 1,03 S.C.** 64 Sa. 1,40 Sa.C. 1,65 Miss. 36 M.S. CENTRAL 1,65 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 Ala. 38 Miss. 36 Miss. 36 Miss. 36 Miss. 36 Miss. 37 Miss. 37 Miss. 37 Miss. 38 Miss	435 518 115 89		9,579 2,565	-	-	53 4	73 15	-	12 5
Upstate N.Y. 79 N.Y. City 4,08 N.J. 1,23 Pa. 1,26 E.N. CENTRAL 2,85 Dhio 56 nd. 33 II. 1,27 Mich. 53 Miss. 14 N.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 4 Velem. 1 S. Dak. 4 Velem. 1 S. Dak. 4 Velem. 1 J. Obel. 1	521 571	6,995	7,884	N	N	27	15	-	11
L.Y. City 4,08 J.J. 1,23 Pa. 1,26 E.N. CENTRAL 2,85 Dhio 56 Ind. 1,27 Mich. 53 Vis. 14 W.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 J. Dak. 1 Jebr.*** 4 Kans. 10 S. Dak. 1 Jebr.*** 4 Kans. 1 J. Dak. 1 J. Oak. 1 J. Oak. 1 J. Oak. 7 J. Ad. 1,29 J. C. 1,03 <	,373 8,995	92,314	92,709	-	-	477	380	17	223
N.J. 1,23 Pa. 1,26 Pa. 1,26 E.N. CENTRAL 2,85 Chio 56 Ind. 33 II. 1,27 Mich. 53 Mis. 14 M.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 10 S. ATLANTIC 11,00 Cel. 13 Md. 1,29 D.C. 78 Ma. 56 M. Va. 57 N.C. 1,03 S.C.** 64 Ga. 1,40 Fa. 1,65 Ga. 1,40 Fa. 1,65 Ga. 1,40 Fa. 1,65 Ga. 1,40 Fa. 1,65 M. S. CENTRAL 1,65 M. S. CENTRAL 4,02 Fa. 1,40	792 825 ,086 4,987	19,212 28,684	17,210 30,109	N	N	165 97	112 108	5 2	- 57
E.N. CENTRAL 2,85 Ohio 56 nd. 33 II. 1,27 Mich. 53 Mis. 14 M.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 15 S. Dak. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Md. 1,29 D.C. 78 M.C. 1,03 S.C.** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Gy. 21 Fenn.** 68 M.S. CENTRAL 4,02 Ark. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 La. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 La. 17 Exex.** 2,86 MOUNTAIN 1,29 MOUNTAI			13,768	-	-	30	16	1	21
Dhio 56 nd. 33 II. 1,27 Mich. 53 Mis. 14 M.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 4 Nebr.** 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 JO.C. 78 Va. 56 N. Va. 7 N. C. 1,03 S. C.** 64 Ga. 1,40 Fla. 5,07 Fla. 5,07 Fla. 5,07 Fla. 38 Miss. 36 Miss. 36 N.S. CENTRAL 4,02 Ark. 18 a. 81 Dkla. 17 Fex.** <		31,537	31,622	N	N	185	144	9	145
nd. 33 II. 1,27 Mich. 53 Mich. 53 Mis. 14 W.N. CENTRAL 72 Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 4 Kans. 10 S. Dak. 4 Sans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Ma. 56 M. Va. 78 N.C. 1,03 S.C.** 64 S.C.** 68 S.C.** 64 S.C.** 68 S.C.**		129,724	136,418	15	7	819	900	59	150
II. 1,27 Wich. 53 Wis. 14 W.N. CENTRAL 72 Winn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. Nebr.** 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Wa. 56 W. Va. 56 W. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Ga. 15 G.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 Ala. 38 Miss. 36 W.S. CENTRAL 4,02 Ark. 18 Aa. 38 Miss. 36 W.S. CENTRAL 4,02 Ark. 18 Aa. 81 Dkla. 17 Fex.** 2,86 MOUNTAIN 1,29 MASh. 35 Dreg. 25 Calif. 4,06 Alaska 5	561 717 339 482	31,294 15,850	37,001 14,779	N N	N N	207 80	135 87	11 5	84 15
Wis. 14 M.N. CENTRAL 72 Winn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. 10 Nebr.** 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Va. 56 M. Va. 7 N. C. 1,03 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Tenn.** 68 Ala. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 .a. 81 Doka. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. 40 V. Mex. 16 Ariz. 49 Utah 5 Vev. 24 PACIFIC </td <td>,279 1,597</td> <td>35,364</td> <td>41,636</td> <td>-</td> <td>-</td> <td>77</td> <td>93</td> <td>28</td> <td>30</td>	,279 1,597	35,364	41,636	-	-	77	93	28	30
M.N. CENTRAL Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. Dak. Nebr.** 4 Kans. 10 Del. 11,00 Del. 13 Md. 1,29 D.C. 78 Ma. 56 N. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 A.a. 81 Dkla. 17 Flex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 Mont. daho 1 Myo. 1 Colo. 28 N. Mex. 16 Ariz. 49 N. Mex. 16 Ariz. 49 Dreg. 25 Dreg. 25 Califf 4,06 Alaska 55	537 584 142 163		27,696 15,306	15	7	143 312	126 459	11 4	14 7
Minn. 19 owa 5 Mo. 30 N. Dak. 1 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Ma. 56 M. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 G	727 687	45,878	43,280	5	2	358	533	80	696
Mo. 30 N. Dak. 1 S. Dak. 1 S. Dak. 4 Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 N. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Ga. 1,40 Fila. 5,07 E.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 N.S. CENTRAL 4,02 Ark. 38 N.S. CENTRAL 4,02 Ark. 18 Aa. 81 Dkla. 17 Fex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 N. Mex. 16 Ariz. 49 Dtah 5 Nev. 24 PACIFIC 4,83 Nash. 35 Dreg. 25 Calif. 4,06 Alaska 5	193 140	8,719	9,240	N	N	118	141	13	48
N. Dak. S. Dak. S. Dak. S. Dak. S. Dak. Nebr.** 4 (ans. 10 S. ATLANTIC Del. 13 Md. 1,29 O.C. 78 Ma. 56 N. Va. 7 N. C. 1,03 S. C.** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 La. 81 Dolla. 17 Fex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 Mont. daho 1 Myo. 1 Colo. 2 N. Mex. 1 6 Ariz. 4 PACIFIC 4,83 Nash. 35 Dreg. 25 Calif. 4,06 Alaska 5	58 75 307 320		4,348 15,853	N 3	N 1	80 65	114 43	11 26	81 39
Nebr.** 4 (ans. 10 S.ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 /a. 56 N. Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Fia. 5,07 E.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 a. 81 Dkla. 17 Fex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,	15 32	1,285	1,388	Ň	Ņ	10	12	2	94
Kans. 10 S. ATLANTIC 11,00 Del. 13 Md. 1,29 D.C. 78 Va. 56 W. Va. 7 V.C. 1,03 S.C. ** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Tenn. ** 68 Miss. 36 W.S. CENTRAL 4,02 Ark. 18 La. 5,07 E.S. CENTRAL 4,02 Ark. 18 La. 81 Dkla. 17 Tex. ** 2,86 MOUNTAIN 1,29 MOUNTAIN 1	8 10		2,251	2	- 1	37	38 23	6 4	151
Del. 13 Md. 1,29 Del. 7,29	41 49 105 90	4,260 6,204	4,051 6,149	N	N	23 25	162	18	194 89
Md. 1,29 D.C. 78 Va. 56 M. Va. 7 D.C. 1,03 D.C	,003 10,557	147,743	140,991	-	5	478	331	56	187
D.C. 78 /a. 56 /a. 56 N.Va. 7 N.C. 1,03 S.C.** 64 Ga. 1,40 Fia. 5,07 E.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 Ala. 38 M.S. CENTRAL 4,02 Ark. 18 a. 81 Dkla. 17 Fex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 Mont. daho 1 Vyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Dtah 5 Nev. 24 PACIFIC 4,83 Nash. 35 Dreg. 25 Calif. 4,06 Alaska 5	137 192	2,526	2,613	N	Ñ	-	4	-	12
/a. 56 N. Va. 7 N. Va. 7 N. C. 1,03 S.C. ** 64 Ga. 1,40 Ga. 1,40 Ga. 1,40 Ga. 1,40 Ga. 1,65 Gy. 21 Fenn. ** 68 Miss. 36 N.S. CENTRAL 4,02 Ark. 18 a. 81 Dokla. 17 Fex. ** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 4,02 Ariz. 49 Jtah 5 Nev. 24 PACIFIC 4,83 Nash. 35 Dreg. 25 Calif. 4,06 Alaska 5	,292 1,281 785 858	16,226 2,875	14,259 2,722	-	5	17 12	23 12	7 1	49 3
N.C. 1,03 S.C.** 64 Ga. 1,40 Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Fenn.** 68 Ala. 38 Ala. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 La. 17 Flex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 20 MOUNTAIN 16 MOUNTAIN 17	567 813	18,550	16,866	-		57	40	4	19
S.C.** Ga.	73 78 ,031 989	2,435 24,942	2,252 22,771	N N	N N	6 72	4 44	3	1 16
Fla. 5,07 E.S. CENTRAL 1,65 Ky. 21 Flenn.** 68 Ala. 38 Ala. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 .a. 81 Dkla. 17 Flex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 2 Mont. 44 Colo. 28 M. Mex. 16 Ariz. 49 Dtah 5 Nev. 24 PACIFIC 4,83 Mash. 35 Dreg. 25 Calif. 4,06 Alaska 5	641 713	17,374	12,409	-	-	15	8	-	3
E.S. CENTRAL 1,65 ky. 21 Fenn.** 68 Ala. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 .a. 81 Dkla. 17 Fex.** 2,86 MOUNTAIN 1,29 MOUNTAIN 1,29 MOUNTAIN 1 Colo. 28 N. Mex. 16 Ariz. 49 Dtah 5 Nev. 24 PACIFIC 4,83 Mash. 35 Dreg. 25 Lalif. 4,06 Alaska 5			30,812 36,287	N	- N	181 118	101 95	12 29	26 58
Ky. 21 Tenn.** 68 Ala. 38 Miss. 36 W.S. CENTRAL 4,02 Ark. 18 .a. 81 Dkla. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. 1 daho 1 Nyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska 5		48,613	47,985	4	1	114	122	50	90
Ala. 38 Miss. 36 M.S. CENTRAL 4,02 Ark. 18 La. 81 Dkla. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. Idaho 1 Myo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Dtah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska 5	215 175	5,059	7,066	N	N	42	22	1	11
Miss. 36 W.S. CENTRAL 4,02 Ark. 18 La. 81 Dkla. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. daho 1 Myo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska 5	684 733 388 391	19,288 9,675	17,661 12,570	N -	N	29 20	38 52	13 13	21 25
Ark. 18 a. 81 Dkla. 17 Fex.** 2,86 MOUNTAIN 1,29 Mont. daho 1 Colo. 28 N. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Dreg. 25 Calif. 4,06 Alaska 5	367 400	14,591	10,688	4	1	23	10	23	33
La. 81 Okla. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. daho 1 Wyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska 5		91,798	91,629	2	-	68	107	179	600
Dkla. 17 Tex.** 2,86 MOUNTAIN 1,29 Mont. 4 daho 1 Nyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Jtah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska 5	182 164 812 520	6,330 19,227	6,904 17,276	1 1	-	16 3	17 4	12 68	23 94
MOUNTAIN 1,29 Mont. daho 1 Nyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Dreg. 25 Calif. 4,06 Alaska 5	173 177	9,116	9,900	Ń	N	20	16	10	56
Mont. daho 1 daho 1 Vyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Jtah 5 dev. 24 PACIFIC 4,83 Vash. 35 Dreg. 25 Calif. 4,06 Alaska 5	,860 3,197	57,125	57,549	N	N	29	70	89	427
daho 1 Nyo. 1 Colo. 28 N. Mex. 16 Ariz. 49 Jtah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Dreg. 25 Calif. 4,06 Alaska 5	,294 1,327 6 13	42,098 2,001	41,767 1,728	3,249 N	2,006 N	152 34	122 18	232 2	871 75
Colo. 28 V. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Zalif. 4,06 Alaska 5	16 22		2,159	N	N	26	26	-	-
N. Mex. 16 Ariz. 49 Utah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Dreg. 25 Calif. 4,06 Alaska 5	15 6		834	2	1 N	3	5	2	92
Jtah 5 Nev. 24 PACIFIC 4,83 Wash. 35 Dreg. 25 Zalif. 4,06 Alaska 5	288 327 169 98	10,491 4,333	11,269 6,346	N 20	9	53 12	33 10	39 30	621 74
Nev. 24 PACIFIC 4,83 Wash. 35 Oreg. 25 Calif. 4,06 Alaska 5	496 576	14,087	11,273	3,137	1,954	17	6	128	7
PACIFIC 4,83 Nash. 35 Dreg. 25 Calif. 4,06 Alaska 5	55 60 249 225		3,217 4,941	34 56	8 34	5 2	17 7	6 25	2
Wash. 35 Dreg. 25 Calif. 4,06 Alaska 5		130,396	128,217	1,834	1,324	300	336	150	2
Calif. 4,06 Alaska 5	352 420	15,267	14,332	N	N	36	43	-	-
Alaska 5	250 229 ,061 5,214	7,248 100,239	6,462 99,442	1,834	1,324	31 231	36 256	- 150	2
	51 18	3,203	3,273	-	-	-	1	-	-
	116 88	4,439	4,708	-	-	2	-	-	-
	2 5 617 940	2,923	527 2,344	N	N	- N	- N	-	-
V.I. 1	17 31	272	367	-	-	-	-		-
	U L 2 L		U U	U	U U	U	U U	U	U

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 weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Infectious Diseases (ArboNet Surveillance).

† Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update October 31, 2004.

^{**} Contains data reported through National Electronic Disease Surveillance System (NEDSS).

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 13, 2004, and November 8, 2003 (45th Week)*

(45th Week)*								-		
		Escher	richia coli, Ente	rohemorrhagio	(EHEC)					
			Shiga tox	in positive,	Shiga toxi	n positive,				
		7:H7		non-O157	not sero	-	Giard			rrhea
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003
UNITED STATES	2,135	2,344	235	220	151	137	15,631	16,602	267,958	285,927
NEW ENGLAND	141	136	46	39	16	13	1,493	1,396	5,936	6,285
Maine	10	10	-	1	-	-	112	164	191	186
N.H.	21	17	5	3	-	-	41	36	112	108
Vt. Mass.	12 58	15 60	- 15	8	16	13	150 645	110 708	76 2,708	77 2,505
R.I.	9	1	1	-	-	-	107	95	729	831
Conn.	31	33	25	27	-	-	438	283	2,120	2,578
MID. ATLANTIC Upstate N.Y.	250 114	228 84	50 35	22 11	29 14	33 17	3,274 1,175	3,302 911	29,906 6,245	35,581 6,742
N.Y. City	34	7	-	-	-	-	846	1,055	9,242	11,785
N.J.	38	31	4	2	5	-	356	444	5,142	6,974
Pa.	64	106	11	9	10	16	897	892	9,277	10,080
E.N. CENTRAL Ohio	384 90	535 125	37 10	30 16	28 21	17 17	2,123 707	2,846 791	55,064 16,190	61,006 19,514
Ind.	51	75	-	-	-	-	-	-	5,848	5,780
III. Mich.	58 77	117 87	2 8	2	1 6	-	384 646	830 671	15,606 13,481	18,755 12,078
Wis.	108	131	17	12	-	-	386	554	3,939	4,879
W.N. CENTRAL	451	419	29	51	16	20	1,807	1,830	14,509	15,132
Minn.	107	126	15	21	1	1	674	696	2,623	2,629
Iowa Mo.	121 81	97 77	- 11	- 17	7	1	267 479	243 452	938 7,638	1,066 7,556
N. Dak.	14	13	-	4	6	8	21	36	87	85
S. Dak. Nebr.	31 60	27 48	2 1	4 5	-	-	58 117	70 130	253 861	193 1,340
Kans.	37	31	-	-	2	10	191	203	2,109	2,263
S. ATLANTIC	154	131	39	42	51	38	2,424	2,373	66,847	70,251
Del.	2	9	N	N	N	N	39	41	766	1,001
Md. D.C.	20 1	12 1	5	3	4	1	114 60	102 44	6,974 2,164	6,747 2,160
Va.	35	35	16	11	-	-	469	312	7,405	7,821
W. Va. N.C.	2	5	-	-	35	30	34 N	37 N	799 12,946	754 13,126
S.C.	7	2	-	-	-	-	51	128	8,478	7,262
Ga.	23	26	11	7	-	-	702	754	11,709	15,289
Fla.	64	41	7	21	12	7	955	955	15,606	16,091
E.S. CENTRAL Ky.	80 24	76 25	4 2	2	9 6	6 6	329 N	352 N	21,225 2,302	24,126 3,143
Tenn.	31	33	2	-	3	-	157	164	7,343	7,365
Ala. Miss.	18 7	14 4	-	-	-	-	172	188	5,926 5,654	8,092 5,526
W.S. CENTRAL	66	84	2	4	2	4	281	269	35,714	37,923
Ark.	14	10	1	-	-	-	111	135	3,174	3,673
La.	4	3	-	-	-	-	41	11	9,074	9,990
Okla. Tex.	17 31	26 45	1	4	2	4	129 N	123 N	3,879 19,587	4,087 20,173
MOUNTAIN	228	288	27	26	_	6	1,336	1,403	9,171	8,992
Mont.	16	16	-	-	-	-	73	95	60	99
Idaho Wyo.	49 9	76 3	16 3	15 1	-	-	166 22	179 20	81 55	65 39
Colo.	50	64	2	4	-	6	462	400	2,298	2,474
N. Mex.	9	10	2	5	-		62	46	603	1,022
Ariz. Utah	23 48	33 63	N 3	N -	N -	N -	158 287	219 315	3,419 485	3,130 339
Nev.	24	23	1	1	-	-	106	129	2,170	1,824
PACIFIC	381	447	1	4	-	-	2,564	2,831	29,586	26,631
Wash.	134	105	-	1 3	-	-	336	324	2,361	2,389
Oreg. Calif.	66 170	98 232	-	-	-	-	411 1,669	369 1,986	1,092 24,617	863 21,845
Alaska	1	4	-	-	-	-	80	77	463	482
Hawaii	10	8	-	-	-	-	68	75	1,053	1,052
Guam P.R.	N 1	N 1	-	-	-	-	119	2 287	214	59 241
V.I.	-	-	-	-	-	-	-	-	80	79
Amer. Samoa C.N.M.I.	U	U U	U	U U	U	U U	U	U U	U 3	U U
O.14.IVI.I.	-			<u> </u>		U		0	ა	

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 November 13, 2004, and November 8, 2003 (45th Week)*

(45th Week)*				Haemophilus	influenzae, inv	asive			Нер	atitis
	Alla	ages		•	Age <5	years			(viral, acu	te), by type
		otypes	Serot	•	Non-ser		Unknown			Ą
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003
UNITED STATES	1,578	1,598	13	25	91	98	152	174	4,825	6,274
NEW ENGLAND	137	119	1	2	6	5	3	3	887	284
Maine N.H.	12 17	4 12	-	- 1	2	-	-	1 -	11 25	13 16
Vt.	8	8	-	-	-	-	1	-	8	6
Mass. R.I.	52 6	57 6	1 -	1 -	1	5	2	1 1	761 21	159 14
Conn.	42	32	-	-	3	-	-	-	61	76
MID. ATLANTIC	341	339	1	3	4	3	39	42	602	1,364
Upstate N.Y. N.Y. City	109 72	121 60	1 -	3 -	4	3 -	6 14	8 11	95 235	118 403
N.J.	66 94	63	-	-	-	-	4	10	129	190
Pa. E.N. CENTRAL	231	95 268	-		6	5	15 35	13 47	143 482	653 563
Ohio	231 89	63	-	3 -	2	- -	35 15	47 11	482 44	104
Ind.	41	42	-	-	4	-	1	5	93	61
III. Mich.	50 19	97 22	-	3	-	5	11 6	21 1	161 133	166 188
Wis.	32	44	-	-	-	-	2	9	51	44
W.N. CENTRAL Minn.	93 40	102 44	2	2 2	3 3	7 7	10	12 2	154 32	150 37
lowa	1	-	1	-	-	-	1 -	-	48	25
Mo. N. Dak.	33 4	36 4	-	-	-	-	6	9	38 1	50 1
S. Dak.	-	1	-	-	-	-	-	-	3	-
Nebr. Kans.	8 7	2 15	-	-	-	-	1 2	- 1	10 22	12 25
S. ATLANTIC	, 391	355	1	2	21	16	30	21	932	1,541
Del.	-	-	-	-	-	-	-	-	5	8
Md. D.C.	53	84 1	-	1	4	7	-	1	100 7	163 38
Va.	35	49	-	-	-	-	1	6	119	92
W. Va. N.C.	15 54	15 36	- 1	-	1 6	3	3 1	2	6 99	13 98
S.C.	4	6	-	-	-	-	-	2	24	35
Ga. Fla.	127 103	65 99	- -	1	10	6	22 3	6 4	317 255	724 370
E.S. CENTRAL	59	72	1	1	-	3	8	8	140	247
Ky.	5	6	-	-	-	2	-	-	29	29
Tenn. Ala.	38 13	43 21	1	1	-	1 -	6 2	5 3	80 8	180 23
Miss.	3	2	-	-	-	-	-	-	23	15
W.S. CENTRAL	64 3	71 6	1	2	7	10	2	4	331	598 30
Ark. La.	3 11	20	-	-	-	1 2	1 1	4	56 49	43
Okla. Tex.	49 1	42 3	1	2	7	7	-	-	19 207	18 507
	171		4	_	25	- 22	10	16		
MOUNTAIN Mont.	-	141	-	6 -	25 -	22 -	18 -	16 -	399 6	416 8
Idaho Wyo.	5 1	4 1	-	-	- 1	-	2	1	19 5	15 1
Colo.	42	34	-	-	-	-	5	6	47	62
N. Mex. Ariz.	34 61	16 64	1	6	7 12	4 9	5 2	1 4	20 242	20 228
Utah	15	12	2	-	2	5	3	4	47	35
Nev.	13	10	1	-	3	4	1	-	13	47
PACIFIC Wash.	91 3	131 11	2 2	4	19	27 7	7 1	21 3	898 55	1,111 60
Oreg.	42	34	-	-	-	-	3	3	61	53
Calif. Alaska	34 4	56 19	-	4	19 -	20	1	9 6	755 5	978 8
Hawaii	8	11	-	-	-	-	i	-	22	12
Guam	-	-	-	-	-	-	-	-	-	2
P.R. V.I.	-	1 -	-	-	-	-	-	1 -	24	74
Amer. Samoa	U	U U	U	U	U	U	U	U	U	U
C.N.M.I. N: Not notifiable	U: Unavailable		orted cases	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 November 13, 2004, and November 8, 2003 (45th Week)*

(45th Week)*	Т	epatitis (viral	, acute), by ty	эе			<u> </u>		<u> </u>	
		В	(;		nellosis	Lister	iosis	Lyme di	sease
Reporting area	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003	Cum. 2004	Cum. 2003
UNITED STATES	5,515	6,089	738	923	1,618	1,871	570	587	15,676	18,218
NEW ENGLAND Maine	319 2	315 1	11	8	53	108 2	39 7	46 7	2,394 53	3,572 142
N.H.	36	16	-	-	10	9	3	4	197	155
Vt. Mass.	5 185	4 199	6 4	8 -	5 8	6 54	2 11	1 17	46 850	41 1,475
R.I. Conn.	5 86	13 82	1	-	15 15	14 23	1 15	- 17	189 1,059	529 1,230
MID. ATLANTIC	1,098	665	131	110	469	542	133	119	10,513	12,037
Upstate N.Y. N.Y. City	82 98	82 170	15	13	101 47	134 64	44 17	31 22	3,568	3,994 196
N.J.	657	164	-	-	91	79	23	22	2,986	2,726
Pa. E.N. CENTRAL	261 480	249 455	116 107	97 130	230 428	265 394	49 88	44 78	3,959 800	5,121 882
Ohio	104	123	6	9	200	203	38	22	66	65
Ind. III.	38 71	33 62	7 12	8 18	67 20	27 43	16 5	8 20	16 1	21 70
Mich. Wis.	235 32	194 43	82	90 5	126 15	103 18	26 3	19 9	31 686	7 719
W.N. CENTRAL	280	284	44	216	45	61	16	15	533	374
Minn. Iowa	46 14	31 11	17	8 1	7 5	3 9	5 2	4	430 43	253 49
Mo.	169	196	27	205	23	31	6	6	49	65
N. Dak. S. Dak.	4 -	2 2	-	-	2 4	1 2	1	-	- -	1
Nebr. Kans.	33 14	26 16	-	2	1 3	5 10	2	4 1	7 4	2 4
S. ATLANTIC	1,679	1,755	147	133	347	471	102	115	1,242	1,095
Del. Md.	28 145	10 116	- 15	8	12 69	25 118	N 15	N 23	137 717	191 645
D.C. Va.	19 237	10 158	3 16	7	8 47	17 88	- 17	1 9	9 162	8 82
W. Va.	34	29	23	4	9	16	4	6	23	22 95
N.C. S.C.	153 65	148 145	11 6	11 24	35 3	36 7	22 3	16 4	112 12	8
Ga. Fla.	556 442	593 546	17 56	13 66	39 125	33 131	16 25	29 27	13 57	10 34
E.S. CENTRAL	383	408	86	75	82	94	21	29	44	59
Ky. Tenn.	61 174	65 174	23 35	15 18	35 33	38 32	4 10	8 8	15 17	15 15
Ala. Miss.	62 86	88 81	4 24	6 36	11 3	19 5	5 2	11 2	3 9	8 21
W.S. CENTRAL	263	966	109	144	56	69	27	48	34	89
Ark. La.	67 58	73 109	2 63	3 95	4	2 1	2 3	1 4	8 4	- 6
Okla. Tex.	47 91	52 732	3 41	2 44	5 47	7 59	- 22	3 40	- 22	83
MOUNTAIN	435	496	34	45	75	60	25	31	29	14
Mont. Idaho	2 10	16 7	2	2	2 9	4 3	- 1	2 2	- 6	- 3
Wyo.	10 7	29 69	2	-	5	2 9	-	-	3	2
Colo. N. Mex.	55 12	32	7	11	18 4	3	12 1	9 2	1	1
Ariz. Utah	239 44	225 43	5 5	7	11 22	11 20	3	10 2	6 13	3 2
Nev.	66	75	13	24	4	8	8	4	-	3
PACIFIC Wash.	578 45	745 66	69 21	62 18	63 10	72 10	119 9	106 7	87 13	96 3
Oreg.	99	98	14	13	N	N	6	4	32	14 76
Calif. Alaska	409 15	555 5	28	29	52 1	61	100	90	40 2	3
Hawaii	10	21 9	6	2 5	-	1	4	5	N	N
Guam P.R.	50	116	-	- -	1	-	-	-	N	N
V.I. Amer. Samoa	U	U	U	U	U	Ū	U	Ū	U	U
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 November 13, 2004, and November 8, 2003 (45th Week)*

(45th Week)*	Mal	aria	Mening dise		Pertu	ıssis	Rabies,	animal		lountain d 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	1,121	1,166	1,109	1,428	13,021	7,989	4,910	6,146	1,314	824
NEW ENGLAND	67	59	61	67	1,415	1,320	587	534	18	8
Maine N.H.	6 5	2 6	9 7	6 4	2 83	12 90	39 27	63 24	-	-
Vt.	4	2	3	3	63	60	33	30	-	-
Mass. R.I.	34 4	29 2	33 2	41 2	1,224 31	1,080 17	260 34	190 62	15 1	8
Conn.	14	18	7	11	12	61	194	165	2	-
MID. ATLANTIC	285	315	133	173	2,463	978	509	819	88	40
Upstate N.Y. N.Y. City	41 146	48 170	31 24	43 39	1,685 154	460 130	469 11	380 6	4 20	13
N.J. Pa.	54 44	59 38	31 47	23 68	206 418	146 242	- 29	62 371	33 31	16 11
E.N. CENTRAL	94	99	151	226	3,056	897	149	162	26	19
Ohio	28	19	61	53	509	237	72	51	14	8
Ind. III.	14 22	4 42	23 12	39 67	212 351	60 81	10 47	27 24	5 2	1 5
Mich.	20	23	44	40	268	106	16	46	5	5
Wis.	10	11	11	27	1,716	413	4	14	-	-
W.N. CENTRAL Minn.	62 25	44 20	80 22	115 26	1,639 314	398 141	449 81	597 36	113 3	62 1
Iowa	4	5	16	24	157	126	100	97	1	2
Mo. N. Dak.	19 3	6 1	19 2	45 1	277 702	72 7	57 55	40 53	93	49
S. Dak. Nebr.	1 3	3	2 4	1 7	43 43	3 11	10 53	124 94	4 12	5 4
Kans.	7	9	15	11	103	38	93	153	-	1
S. ATLANTIC	303	287	198	240	602	589	1,737	2,389	684	478
Del. Md.	6 67	2 66	3 10	8 24	8 107	9 76	9 281	57 318	4 66	1 101
D.C.	13	13	4	5	4	3	-	-	-	1
Va. W.Va.	48 2	34 4	19 5	24 5	196 18	91 18	430 59	470 79	30 4	30 5
N.C.	19	21	28	32	79	118	535	716	477	234
S.C. Ga.	9 55	4 63	11 21	21 28	42 32	146 29	125 290	210 351	17 66	33 64
Fla.	84	80	97	93	116	99	8	188	20	9
E.S. CENTRAL	28 4	27 8	56 11	78 17	249 65	140 45	129 21	201 37	171 2	119 2
Ky. Tenn.	7	5	15	23	135	63	36	100	88	63
Ala. Miss.	12 5	7 7	15 15	20 18	35 14	18 14	61 11	60 4	47 34	21 33
W.S. CENTRAL	92	118	102	158	691	673	979	1,058	184	88
Ark.	7	4	16	14	63	43	46	25	105	31
La. Okla.	5 7	4 4	34 9	37 15	11 33	10 78	96	2 181	5 71	1 42
Tex.	73	106	43	92	584	542	837	850	3	14
MOUNTAIN Mont	45	38	58 3	77 5	1,388 51	830 5	202 25	170 20	25 3	9 1
Mont. Idaho	1	1	7	7	36	72	25 7	15	4	2
Wyo. Colo.	- 15	1 21	3 14	2 22	28 747	124 296	6 43	6 38	5 1	2 2
N. Mex.	3	3	7	9	130	65	5	5	2	1
Ariz. Utah	13 8	7 4	12 5	23 1	200 158	118 116	105 8	67 14	2 8	- 1
Nev.	5	1	7	8	38	34	3	5	-	-
PACIFIC	145	179	270	294	1,518	2,164	169	216	5	1
Wash. Oreg.	16 16	24 9	30 54	30 51	655 400	672 409	6	6	3	-
Calif.	108	139	177	194	430	1,007	155	201	2	1
Alaska Hawaii	2 3	1 6	3 6	7 12	11 22	66 10	8 -	9	-	-
Guam	-	1	-	-	-	1	-	-	-	-
P.R. V.I.	-	2	8	9	6	4	56	65	N	N
Amer. Samoa	Ū	U	Ū	U	Ū	U	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 November 13, 2004, and November 8, 2003 (45th Week)*

Salmonellosis Shige Streptococcal disease, invasive, group A Drug resistant, all ages	1		
Salmoreisis Shigelist invasive, group A all ages Reporting area Cum. 2004 Cum. 2003 Cum. 2004 <	Age <5		
Reporting area 2004 2003 2004 1,072 1,728 NEW ENGLAND 1,779 1,875 256 296 159 419 54 88 Maine 79 116 4 6 8 27 2 - - N.H. 1,01 299 - <td< th=""><th colspan="3">Age <5 years</th></td<>	Age <5 years		
UNITED STATES 34,918 37,659 10,424 20,285 4,038 4,924 1,878 1,728 NEW ENGLAND 1,779 1,875 256 296 159 419 54 88 Maine 79 116 4 6 8 27 2 - N.H. 124 129 8 8 17 29 - - Vt. 55 65 3 7 8 19 7 6 Mass. 1,020 1,096 162 200 105 183 28 N R.I. 107 114 18 14 21 14 17 10 Conn. 394 355 61 61 - 147 - 72	Cum. 2004	Cum. 2003	
Maine 79 116 4 6 8 27 2 - N.H. 124 129 8 8 17 29 - - - Vt. 55 65 3 7 8 19 7 6 Mass. 1,020 1,096 162 200 105 183 28 N R.I. 107 114 18 14 21 14 17 10 Conn. 394 355 61 61 - 147 - 72	596	607	
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R.I. 107 114 18 14 21 14 17 10 Conn. 394 355 61 61 - 147 - 72	3	4	
Conn. 394 355 61 61 - 147 - 72	46 7	N 4	
MID ATLANTIC 4.860 4.325 1.011 2.001 631 853 117 113	Ú	Ü	
	107	86	
Upstate N.Y. 1,096 1,009 385 451 209 322 51 61 N.Y. City 1,072 1,203 328 363 90 131 U U	76 U	65 U	
N.J. 854 717 209 323 143 160	6	2	
Pa. 1,838 1,396 89 954 189 240 66 52	25	19	
E.N. CENTRAL 4,317 5,030 952 1,647 766 1,155 416 379 Ohio 1,140 1,214 152 269 202 269 293 245	139 67	268 85	
Ind. 531 499 189 148 88 110 123 134	34	26	
III. 1,168 1,764 278 890 161 298 Mich. 769 701 183 226 266 330 N N	N	108 N	
Wis. 709 852 150 114 49 148 N N	38	49	
W.N. CENTRAL 2,093 2,203 368 710 270 303 17 17	92	66	
Minn. 537 486 62 93 131 145	59 N	45 N	
Mo. 549 812 141 334 57 68 12 13	13	3	
N. Dak. 41 36 3 7 11 16 - 3 S. Dak. 112 105 10 16 17 22 5 1	4	7	
Nebr. 130 150 22 86 14 25	6	5	
Kans. 332 267 69 101 40 27 N N	10	6	
S.ATLANTIC 9,787 9,487 2,389 6,022 870 813 970 927 Del. 81 93 6 161 3 6 4 1	50 N	18 N	
Md. 729 763 134 535 146 200 - 21	37	-	
D.C. 57 39 35 69 10 8 5 - Va. 1,094 937 148 396 67 93 N N	3 N	7 N	
W.Va. 200 117 8 - 22 31 97 64	10	11	
N.C. 1,432 1,193 310 883 118 93 N N S.C. 765 653 275 435 37 38 69 126	U N	U N	
Ga. 1,746 1,816 618 1,078 264 162 283 207 Fla. 3,683 3,876 855 2,465 203 182 512 508	N N	N N	
Fla. 3,683 3,876 855 2,465 203 182 512 508 E.S.CENTRAL 2,266 2,613 697 870 189 173 120 125	5	-	
Ky. 307 350 65 120 57 41 26 16	N	N	
Tenn. 522 677 327 299 132 132 93 109 Ala. 653 664 259 287	N N	N N	
Miss. 784 922 46 164 1 -	5	-	
W.S. CENTRAL 2,934 5,515 2,353 5,221 224 250 54 68	106	98	
Ark. 505 740 69 99 16 6 8 20 La. 697 796 250 422 2 1 46 48	8 24	7 19	
Okla. 360 426 408 754 60 79 N N	39	48	
Tex. 1,372 3,553 1,626 3,946 146 164 N N MOUNTAIN 2.131 1.962 736 1.090 440 403 35 7	35	24	
MOUNTAIN 2,131 1,962 736 1,090 440 403 35 7 Mont. 177 96 4 2 - 1	38	63	
Idaho 140 159 13 29 8 18 N N	N	N	
Cólo. 489 441 142 290 117 118	35	47	
N. Mex. 243 245 114 229 70 99 5 - Ariz. 664 587 363 427 196 132 N N	- N	11 N	
Utah 220 198 44 44 38 31 18 1	3	5	
Nev. 149 163 51 61 3 2 2 -	-	-	
PACIFIC 4,751 4,649 1,662 2,338 489 555 95 4 Wash. 511 505 99 149 53 56	- N	- N	
Oreg. 377 375 69 202 N N N N	N	N	
Calif. 3,482 3,509 1,445 1,934 327 381 N N Alaska 53 64 6 10	N N	N N	
Hawaii 328 196 43 43 109 118 95 4	-	-	
Guam - 40 - 33	-	-	
P.R. 268 631 8 27 N N N N VI	N -	N -	
Amer.Samoa U U U U U U U U	U	U	
C.N.M.I. 3 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 November 13, 2004, and November 8, 2003 (45th Week)*

(45th Week)*		Syphil			ı		1		ı	
	Primary 8	Tuba	rculosis	Tunba	id fever	Varicella (Chickenpox)				
	Cum.	Cum.	Cum.	jenital Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.
Reporting area	2004	2003	2004	2003	2004	2003	2004	2003	2004	2003
UNITED STATES NEW ENGLAND	6,385	6,086	295 5	382 1	8,988	10,733	253	315	15,428 607	14,337
Maine	161 2	186 7	-	-	316 -	365 19	19 -	26 -	180	2,844 769
N.H. Vt.	4	16 1	3	-	14	11 9	-	2	- 427	- 651
Mass.	104	118	-	-	211	193	13	15	-	147
R.I. Conn.	21 30	20 24	1 1	1	29 62	43 90	1 5	2 7	-	5 1,272
MID. ATLANTIC	836	747	39	59	1,781	1,910	58	72	77	36
Upstate N.Y. N.Y. City	84 518	34 427	6 13	9 31	226 899	249 980	8 20	12 34	-	-
N.J. Pa.	127	151	19 1	19	373	376 305	15 15	21 5	- 77	36
E.N. CENTRAL	107 730	135 787	55	68	283 1,015	990	17	32	5,046	4,937
Ohio	195	177	1	3	175	171	5	2	1,191	1,057
Ind. III.	50 296	39 331	9 14	12 20	112 457	113 477	-	4 16	-	-
Mich.	160	225	31	32	194	175	10	10	3,463	3,051
Wis. W.N. CENTRAL	29 133	15 132	- 5	1 4	77 371	54 404	2 9	6	392 130	829 52
Minn.	15	40	1	-	148	164	5	2	-	-
lowa Mo.	5 86	8 52	2	4	33 94	30 100	2	2 1	N 5	N -
N. Dak.	-	2 2	-	-	4	-	-	-	82	52
S. Dak. Nebr.	5	5	-	-	8 27	16 24	2	1	43 -	-
Kans.	22	23	2	-	57	70	-	-	-	-
S. ATLANTIC Del.	1,664 8	1,601 6	45 -	75 -	1,612 -	2,139 23	42	46	1,941 4	1,909 29
Md. D.C.	301 74	272 43	7 1	12	203 68	210	11	9	- 21	1 27
Va.	89	72	3	1	223	223	8	14	487	478
W. Va. N.C.	2 168	2 138	10	16	17 244	19 285	7	9	1,175 N	1,144 N
S.C.	101 283	88 419	7	13 13	158	145 446	- 6	5	254	230
Ga. Fla.	638	561	16	20	11 688	788	10	9	-	-
E.S. CENTRAL	346	285	19	12	482	595	7	6	-	-
Ky. Tenn.	42 115	31 119	1 8	1 2	101 195	103 198	3 4	1 2	-	-
Ala. Miss.	142 47	104 31	8 2	7 2	153 33	197 97	-	3	-	-
W.S. CENTRAL	1,041	811	48	70	925	1,578	19	30	5,388	4,032
Ark.	38	45	-	2	98	78	-	-	· -	-
La. Okla.	243 24	148 57	2	1 1	135	129	1	1	47 -	16 -
Tex.	736	561	46	66	692	1,371	18	29	5,341	4,016
MOUNTAIN Mont.	309	278	48	30	420 4	391 5	7	6	2,239	527
ldaho Wyo.	21 3	10	2	2	4	8 4	-	1 -	- 45	- 45
Colo.	37	32	-	3	86	89	2	3	1,716	-
N. Mex. Ariz.	46 161	56 163	1 45	7 18	18 189	41 189	2	2	87 -	3
Utah	7	7	-	-	35	33	1	-	391	479
Nev. PACIFIC	34 1,165	10 1,259	31	63	80 2,066	22 2,361	2 75	- 91	-	-
Wash.	119	69	-	-	196	211	6	3	-	-
Oreg. Calif.	25 1,014	40 1,143	30	61	74 1,665	93 1,910	2 61	4 83	-	-
Alaska Hawaii	1 6	1 6	1	2	34 97	49 98	6	1	-	-
Guam	-	1	- -	-	97	98 48	-	-	-	131
P.R.	141	182	5	14	84	95	-	-	265	522
V.I. Amer. Samoa	4	1	-	-	-	-	-	-	-	-
C.N.M.I.	U 2	U U	U	U U	U 10	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 III. Deaths in 122 U.S. cities.* week ending November 13, 2004 (45th Week)

TABLE III. Deaths in 122 U.S. cities,* week ending November 13, 2004 (45th Week)															
	All causes, by age (years) All causes, by age (years)														
Reporting Area	All Ages	≥65	45–64	25–44	1–24	<1	P&I [†] Total	Reporting Area	All Ages	≥65	45–64	25–44	1–24	<1	P&I [†] Total
NEW ENGLAND	490	353	67	24	12	6	47	S. ATLANTIC	1,186	734	295	94	25	38	76
Boston, Mass. Bridgeport, Conn.	122 34	80 20	1 11	7 2	4 1	2	13 1	Atlanta, Ga.	187 196	103 111	53 53	19 17	4 7	8 8	6 22
Cambridge, Mass.	18	16	2	_	'	-	2	Baltimore, Md. Charlotte, N.C.	111	67	26	8	3	7	10
Fall River, Mass.	25	22	2	1	-	-	4	Jacksonville, Fla.	116	79	22	12	2	1	7
Hartford, Conn.	49	36	8	3	2	-	3	Miami, Fla.	82	53	18	7	2	2	4
Lowell, Mass.	20	17	2	1	-	-	3	Norfolk, Va.	54	36	11	5	-	2	-
Lynn, Mass. New Bedford, Mass.	4 26	3 20	4	1	1 1	-	3	Richmond, Va. Savannah, Ga.	54 42	32 31	14 10	4	1	3 1	4 1
New Haven, Conn.	41	24	12	i	2	2	7	St. Petersburg, Fla.	42	23	12	5	2		3
Providence, R.I.	49	35	9	4	1	-	7	Tampa, Fla.	172	127	34	7	1	3	14
Somerville, Mass.	1	1	-	-	-	-	-	Washington, D.C.	112	57	40	9	3	3	4
Springfield, Mass. Waterbury, Conn.	29 26	21 22	4 4	3	-	1	1 2	Wilmington, Del.	18	15	2	1	-	-	1
Worcester, Mass.	46	36	8	1		1	1	E.S. CENTRAL	857	541	209	62	22	23	56
MID. ATLANTIC	1,862	1,335	370	106	30	21	84	Birmingham, Ala. Chattanooga, Tenn.	196 76	128 46	43 18	15 3	6 3	4 6	14 4
Albany, N.Y.	32	25	370	2	2	-	3	Knoxville, Tenn.	76 71	51	12	5	3	-	1
Allentown, Pa.	29	21	4	1	2	1	-	Lexington, Ky.	45	28	11	4	1	1	2
Buffalo, N.Y.	86	62	14	6	1	3	8	Memphis, Tenn.	271	165	72	20	6	8	15
Camden, N.J.	34	16	10	3	4	1	1	Mobile, Ala.	41	28	9	3	1	-	6
Elizabeth, N.J. Erie, Pa.	22 31	17 27	1 4	4	-	-	1 -	Montgomery, Ala. Nashville, Tenn.	21 136	13 82	7 37	1 11	2	4	4 10
Jersey City, N.J.	45	31	11	3	_	_	-	· ·							
New York City, N.Y.	873	612	185	58	12	6	36	W.S. CENTRAL Austin, Tex.	1,175 81	743 49	270 16	104 8	23 3	34 5	68 9
Newark, N.J.	58	24	21	8	1	4	1	Baton Rouge, La.	41	31	7	3	-	-	2
Paterson, N.J.	U 269	U 208	U 54	U 5	U 2	U	U 9	Corpus Christi, Tex.	49	34	7	4	1	3	1
Philadelphia, Pa. Pittsburgh, Pa.§	209	14	4	1	-	2	2	Dallas, Tex.	186	97	49	26	6	8	8
Reading, Pa.	17	15	1	1	-	-	2	El Paso, Tex.	75	59	11	4	1 2	-	6 7
Rochester, N.Y.	102	82	15	1	3	1	4	Ft. Worth, Tex. Houston, Tex.	109 316	68 183	26 84	10 34	6	2 9	20
Schenectady, N.Y.	26	16	8	2	-	-	2	Little Rock, Ark.	Ü	U	Ü	Ü	Ŭ	Ŭ	Ü
Scranton, Pa. Syracuse, N.Y.	21 131	18 98	- 24	3 5	2	2	1 6	New Orleans, La.	49	26	17	6	-	-	-
Trenton, N.J.	18	14	1	2	-	1	1	San Antonio, Tex.	110	78	22	6	2	2	4
Utica, N.Y.	23	19	3	-	1	-	1	Shreveport, La. Tulsa, Okla.	59 100	47 71	9 22	1 2	1 1	1 4	6 5
Yonkers, N.Y.	24	16	7	1	-	-	6	MOUNTAIN	826	536	179	69	20	21	48
E.N. CENTRAL Akron, Ohio	1,923 54	1,336 44	396 5	114 1	38 2	39 2	128 7	Albuquerque, N.M.	121	73	34	7	5	2	7
Canton, Ohio	37	33	3	i	-	-	5	Boise, Idaho	46	35	9	-	2	-	6
Chicago, III.	297	181	78	26	6	6	16	Colo. Springs, Colo. Denver, Colo.	68 101	39 71	17 18	10 10	-	2 2	1 8
Cincinnati, Ohio	45	30	12	1	-	2	2	Las Vegas, Nev.	217	138	52	18	2	7	9
Cleveland, Ohio	234 223	169 149	46 49	10 12	3 11	6 2	6 20	Ogden, Utah	31	23	3	3	1	1	2
Columbus, Ohio Dayton, Ohio	104	79	17	7		1	20 7	Phoenix, Ariz.	122	83	23	8	4	3	5
Detroit, Mich.	158	96	36	18	4	4	9	Pueblo, Colo.	100	U	U 23	U	U	U	U
Evansville, Ind.	54	42	10	2	-	-	6	Salt Lake City, Utah Tucson, Ariz.	120 U	74 U	23 U	13 U	6 U	4 U	10 U
Fort Wayne, Ind.	51	33 9	14 4	1	1	3	4	· ·							
Gary, Ind. Grand Rapids, Mich.	16 64	48	9	2 6	1	-	1 4	PACIFIC Berkeley, Calif.	1,340 10	949 7	284 2	57 1	32	17	145 2
Indianapolis, Ind.	188	139	32	7	6	4	13	Fresno, Calif.	146	110	26	6	3	1	9
Lansing, Mich.	36	26	9	-	-	1	2	Glendale, Calif.	18	16	1	1	-	-	2
Milwaukee, Wis.	92	57	25	7	1	2	7	Honolulu, Hawaii	75 51	57	13	1	3	1	10
Peoria, III. Rockford, III.	43 53	32 34	8 13	3	2	3 1	1 6	Long Beach, Calif. Los Angeles, Calif.	51 243	33 163	15 59	1 13	1 6	1 2	7 34
South Bend, Ind.	50	42	4	3	1	-	2	Pasadena, Calif.	243 U	Ü	Ü	Ü	Ŭ	Ū	Ü
Toledo, Ohio	69	46	17	5	-	1	3	Portland, Oreg.	91	65	20	4	-	2	5
Youngstown, Ohio	55	47	5	2	-	1	7	Sacramento, Calif.	100	U	U	U 3	U 2	U 2	U
W.N. CENTRAL	508	343	109	35	7	13	31	San Diego, Calif. San Francisco, Calif.	120 100	90 67	22 20	9	3	1	15 16
Des Moines, Iowa	56	46	7	1	1	1	4	San Jose, Calif.	208	145	40	8	11	4	24
Duluth, Minn. Kansas City, Kans.	16 26	15 13	9	1 3	1	-	1 1	Santa Cruz, Calif.	31	24	5	2	-	-	3
Kansas City, Mo.	58	40	9	7		2	3	Seattle, Wash.	84	55	22	5	1	1	4
Lincoln, Nebr.	42	25	12	3	1	1	2	Spokane, Wash. Tacoma, Wash.	52 111	39 78	11 28	3	1 1	1	6 8
Minneapolis, Minn.	58	34	15	3	1	5	3	· ·					-		
Omaha, Nebr. St. Louis, Mo.	80 45	56 27	19 10	2 5	1	3 1	4 3	TOTAL	10,167 [¶]	6,870	2,179	665	209	212	683
St. Paul, Minn.	57	44	11	2	-	-	3								
Wichita, Kans.	70	43	17	8	2	-	7								

U: Unavailable. -: No reported cases.

Or. Oriavaliable.
 1.No reported classes.
 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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