

Weekly

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Racial/Ethnic Disparities in Self-Rated Health Status Among Adults With and Without Disabilities – United States, 2004–2006

Self-rated health status has been found to be an independent predictor of morbidity and mortality (1), and racial/ethnic disparities in self-rated health status persist among the U.S. adult population (2). Black and Hispanic adults are more likely to report their general health status as fair or poor compared with white adults (2). In addition, the prevalence of disability has been shown to be higher among blacks and American Indians/Alaska Natives (AI/ANs) (3). To estimate differences in self-rated health status by race/ethnicity and disability, CDC analyzed data from the 2004-2006 Behavioral Risk Factor Surveillance System (BRFSS) surveys. This report summarizes the results of that analysis, which indicated that the prevalence of disability among U.S. adults ranged from 11.6% among Asians to 29.9% among AI/ANs. Within each racial/ethnic population, adults with a disability were more likely to report fair or poor health than adults without a disability, with differences ranging from 16.8 percentage points among Asians to 37.9 percentage points among AI/ANs. Efforts to reduce racial/ ethnic health disparities should explicitly include strategies to improve the health and well being of persons with disabilities within each racial/ethnic population.

BRFSS is a state-based, random-digit-dialed telephone survey of the noninstitutionalized, U.S. civilian population aged ≥ 18 years. In 2004, 2005, and 2006, approximately 1 million persons from all 50 states, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands participated in the BRFSS survey.* Consistent with the definition of disability from *Healthy People 2010 (4)*, respondents were asked, "Are you limited in any way in any activities because of physical, mental, or emotional problems?" and "Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?" Participants who responded "yes" to either question were classified as having a disability. To assess self-rated health status, participants were asked, "Would you say that in general your health is excellent, very good, good, fair, or poor?"

The following racial/ethnic categories were included in this analysis: white, black, Hispanic, Asian, Native Hawaiian or Other Pacific Islander, and AI/AN.[†] Data from 2004, 2005, and 2006 were aggregated to provide sufficient power to analyze low-count racial/ethnic populations. Prevalence estimates were weighted and age adjusted to the 2000 U.S. standard population. Weighted population estimates were determined by taking the final weights for each year during 2004–2006 and dividing by three. Data were weighted to compensate for unequal probabilities of selection, to adjust for nonresponse and telephone noncoverage, to ensure that results were consistent with population data, and to make population estimates.[§]

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^{*} Hawaii did not collect data in 2004.

[†] For this report, persons identified as white, black, Asian, Native Hawaiian or Other Pacific Islander, and AI/AN are all non-Hispanic. Persons identified as Hispanic might be of any race.

[§] Additional information available at http://health.utah.gov/opha/ibishelp/brfss/ issues.htm.

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Prevalence estimates and standard errors were obtained using statistical software to account for the complex sampling design. Chi-square tests were used to compare self-rated health status between racial/ethnic populations and by disability status. Council of American Survey Research Organizations (CASRO) median response rates[¶] for the 2004–2006 BRFSS surveys were 52.7% (2004), 51.1% (2005), and 51.4% (2006). The median cooperation rates^{**} for each year were 74.3% (2004), 75.1% (2005), and 74.5% (2006).

During 2004–2006, an estimated 19.9% of the total U.S. population aged ≥ 18 years (i.e., an average of 43 million persons) had a disability. The prevalence of disability was highest among AI/ANs (29.9%) and lowest among Asians (11.6%) (Table 1). Nearly 84% of the total U.S. adult population reported having good or better health, but substantial variation was observed in self-rated health status across racial/ethnic populations. Nearly 60% of white, Asian, and Native Hawaiian or Other Pacific Islander respondents (59.3%, 55.8%, and 55.4%, respectively) rated their health as very good or excellent, whereas 44.4% of black respondents reported their health to be very good or excellent. White and Asian adults had similar rates of self-rated fair or poor health (12.9% and 10.4%, respectively), whereas fair or poor health was reported more frequently among other minority populations: 21.1% among blacks, 14.8% among Native Hawaiian or Other Pacific Islanders, and 24.5% among AI/ANs. Hispanic adults rated their health status approximately equally across the three health status categories: very good or excellent (33.6%), good (35.4%), and fair or poor (31.1%).

Overall, adults with a disability were less likely to report excellent or very good health (27.2% versus 60.2%; p<0.01) and more likely to report fair or poor health (40.3% versus 9.9%; p<0.01), compared with adults without disability (Table 2). White adults without a disability had the highest proportion of respondents who rated their health as very good or excellent (66.9%), whereas 49.9% of black respondents without a disability reported very good or excellent health. Reports of fair or poor health among adults with a disability were most common among Hispanics and AI/ANs (55.2% and 50.5%, respectively) and least common among Asians (24.9%).

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⁵ The percentage of persons who completed interviews among all eligible persons, including those who were not successfully contacted.

^{**} The percentage of persons who completed interviews among all eligible persons who were contacted.

Asian

Native Hawaiian or

Other Pacific Islander American Indian/

Alaska Native Total^{§§}

Surveillance Sy	stem, Unit	ed States,	* 200	94–200)6											
		Disability§			Excelle	nt or very go	od hea	alth		Good healt	h		Fa	ir or poor he	alth	
Race/Ethnicity [†]	Sample popu- lation	Weighted U.S. population [¶]	%**	SE ^{††}	Sample popu- lation	Weighted U.S. population	%	SE	Sample popu- lation	Weighted U.S. population	%	SE	Sample popu- lation	Weighted U.S. population	%	SE
White	195,804	32,437,544	20.3	0.1	429,877	89,109,657	59.3	0.1	225,743	42,965,935	27.8	0.1	130,116	21,053,344	12.9	0.1
Black	18,713	4,181,086	21.2	0.3	32,734	9,538,829	44.4	0.3	28,709	7,218,402	34.6	0.3	19,739	4,200,595	21.1	0.3
Hispanic	13,596	4,456,898	16.9	0.3	25,957	11,778,660	33.6	0.4	26,357	12,064,608	35.4	0.4	22,033	9,009,330	31.1	0.4

439.397 55.4

990.624 42.7

558 09

27

1.0

5,127

5.131

692

1,791,107

298,772 66,518,557 30,2 0,1

338 09

231.004 29.7 2.3

744,749 32.8 0.9

1,566

3.981

183.253 36.412.487

300

470,499

550.738

81.042

3,261,549

512.996 117.631.008 53.4 0.1

TABLE 1. Disability and self-rated health status among U.S. adults aged \geq 18 years, by race/ethnicity — Behavioral Risk Factor Surveillance System, United States,* 2004–2006

* Includes the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. Hawaii did not collect data in 2004.

7,623

1.043

5,652

[†] Persons identified as white, black, Asian, Native Hawaiian or Other Pacific Islander, and American Indian/Alaska Native are all non-Hispanic. Persons identified as Hispanic might be of any race.

§ Based on a "yes" response to either of the following questions: "Are you limited in any way in any activities because of physical, mental, or emotional problems?" and "Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?"

[¶] Weighted population estimates were determined by taking the final weights for each year during 2004–2006 and dividing by three. Data were weighted to compensate for unequal probabilities of selection, to adjust for nonresponse and telephone noncoverage, to ensure that results were consistent with population data, and to make population estimates. Additional information available at http://health.utah.gov/opha/ibishelp/brfss/issues.htm.

** Age adjusted to the 2000 U.S. standard population.

1 472

4.385

351

508,360

106.044

671,346

241.863 43.786.716 19.9

11.6 0.7

16.6 2.1

29.9 1.0

0.1

⁺⁺ Standard error.

§§ Sample population and weighted estimates by race/ethnicity do not sum to column total because respondents who reported being multiracial or of other race were included in the total.

Editorial Note: The Surgeon General's Call to Action to Improve the Health and Wellness of People with Disabilities notes that good health is essential if persons with disabilities are to work, learn, and fully interact with their families and community (5). The concept of health should be the same for persons with and without disabilities (5). As in previous studies (2), the findings in this report indicated that, in 2004–2006, self ratings of fair or poor health were generally higher among black, Hispanic, Native Hawaiian or Other Pacific Islander, and AI/AN adults than among their white and Asian counterparts. Also, as in previous studies (3), the findings in this report show that a higher proportion of persons with disabilities rated their health as fair or poor compared with persons without disabilities. This analysis also determined that the difference in self-rated fair or poor health between persons with and without disabilities varied by race/ethnicity. The absolute difference between persons with and without disabilities ranged from 16.8 percentage points for Asians to 37.9 percentage points for AI/ANs. These differences are attributed, in part, to health-care and wellness promotion services being inaccessible or unavailable for certain persons with disabilities (5). Health-care delivery has been slow to reduce disparities that would enable many persons with disabilities to achieve and maintain a good level of health (5).

The findings in this report are subject to at least five limitations. First, BRFSS does not include persons living in institutions or group homes. Therefore, because persons with disabilities are likely to reside in such facilities, the results likely underestimate the actual prevalence of adults with a disability. Second, the BRFSS questions used to define disability do not collect information on the type, severity, duration, or permanence of disability. Therefore, the definition of disability used in this analysis might have captured some persons with relatively minor or short-term disabilities (e.g., a sprained ankle). Third, because of the cross-sectional nature of the data, inferring any direction of causality between disability and fair or poor health is not possible. Fourth, BRFSS is conducted only in English and Spanish, which might preclude participation by persons who speak other languages. In addition, differences in the Spanish translation of the questionnaire might explain some of the health disparities observed in the Hispanic population (6). The Spanish language version of BRFSS uses the Spanish word "regular" for the category of "fair" health, an idiomatic difference that might alter the way the participant understands the question. Finally, racial/ethnic differences in self-rated health and disability might reflect differences in potentially confounding factors, such as education, income, and health insurance status, which are significantly associated with both race/ethnicity and disability and were not controlled for in this analysis (7,8). This is a direction for future work that CDC plans to undertake.

Despite efforts to identify and reduce health disparities among racial/ethnic populations in the United States, disproportionately high rates of disability and self-rated fair or poor health persist among certain racial/ethnic populations (9,10). Efforts to reduce health disparities among racial/ethnic popula-

10.4 0.6

14.8 2.2

24.5 0.8

16.4 0.1

TABLE 2. Disability among U.S. adults aged ≥18 years, by race/ethnicity and self-rated health status — Behavioral Risk Factor Surveillance System, United States,* 2004–2006

		Disability §				No disability			Absolute
Race/Ethnicity [†] and	Sample	Weighted U.S.			Sample	Weighted U.S.			% point
self-rated health status	population	population [¶]	%**	SE ^{††}	population	population	%	SE	difference
White									
Excellent or very good	45,799	8,461,103	29.7	0.3	380,061	79,708,577	66.9	0.1	37.2
Good	62,212	10,542,506	33.4	0.3	160,699	31,834,243	26.8	0.1	6.6
Fair or poor	86,670	13,289,406	36.9	0.3	41,643	7,423,348	6.3	0.1	30.6
Subtotal	194,681	32,293,015	100.0		582,403	118,966,168	100.0		
Black									
Excellent or very good	2,806	769,406	21.8	0.8	29,305	8,577,102	49.9	0.4	28.1
Good	5,229	1,244,095	31.6	0.8	22,858	5,805,151	36.4	0.4	4.8
Fair or poor	10,527	2,137,184	46.6	0.8	8,825	1,988,691	13.6	0.3	33.0
Subtotal	18,562	4,150,685	100.0		60,988	16,370,944	100.0		
Hispanic									
Excellent or very good	1,951	726,628	17.3	0.7	23,622	10,803,926	37.0	0.4	19.7
Good	3,220	1,174,570	27.5	0.9	22,670	10,525,422	37.1	0.4	9.6
Fair or poor	8,348	2,528,028	55.2	1.0	13,247	6,183,780	25.9	0.4	29.3
Subtotal	13,519	4,429,226	100.0		59,539	27,513,128	100.0		
Asian									
Excellent or very good	352	169,960	36.2	3.1	7,137	3,038,367	58.7	1.0	22.5
Good	546	197,675	38.9	3.3	4,465	1,544,372	33.3	1.0	5.6
Fair or poor	564	139,986	24.9	2.3	973	320,879	8.1	0.7	16.8
Subtotal	1,462	507,621	100.0		12,575	4,903,618	100.0		
Native Hawaiian or Other Pacific Islander									
Excellent or very good	82	24,318	22.3	4.8	944	406,170	62.4	3.1	40.1
Good	113	43,046	41.3	6.5	565	181,304	26.8	2.3	14.5
Fair or poor	151	37,196	36.5	6.6	143	41,172	10.8	2.5	25.7
Subtotal	346	104,560	100.0		1,652	628,646	100.0		
American Indian/Alaska Native									
Excellent or very good	717	135,771	22.4	2.2	4,867	838,701	51.6	1.2	29.2
Good	1,236	177,565	27.1	1.7	3,805	552,187	35.8	1.2	8.7
Fair or poor	2,403	355,375	50.5	2.0	1,522	187,744	12.6	0.7	37.9
Subtotal	4,356	668,711	100.0		10,194	1,578,632	100.0		
All racial/ethnic populations									
Excellent or very good	53,166	10,610,265	27.2	0.3	454,452	105,528,004	60.2	0.1	33.0
Good	74,723	13,800,748	32.5	0.3	219,798	51,501,505	29.9	0.1	2.6
Fair or poor	112,511	19,159,470	40.3	0.3	67,947	16,493,297	9.9	0.1	30.4
Total ^{§§}	240,400	43,570,483	100.0		742,197	173,522,806	100.0		

* Includes the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. Hawaii did not collect data in 2004.

[†] Persons identified as white, black, Asian, Native Hawaiian or Other Pacific Islander, and American Indian/Alaska Native are all non-Hispanic. Persons identified as Hispanic might be of any race.

§ Based on a "yes" response to either of the following questions: "Are you limited in any way in any activities because of physical, mental, or emotional problems?" and "Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?"

¹ Weighted population estimates were determined by taking the final weights for each year during 2004–2006 and dividing by three. Data were weighted to compensate for unequal probabilities of selection, to adjust for nonresponse and telephone noncoverage, to ensure that results were consistent with population data, and to make population estimates. Additional information available at http://health.utah.gov/opha/ibishelp/brfss/issues.htm.

** Age adjusted to the 2000 U.S. standard population.

⁺⁺ Standard error.

§§ Sample population and weighted estimates by race/ethnicity do not sum to column total because respondents who reported being multiracial or of other race were included in the total.

tions should also address the needs of adults with disabilities. Such efforts must ensure that persons with disabilities have accessible, available, and appropriate health-care and wellness promotion services (5).

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HIV Prevalence Estimates – United States, 2006

Accurate and timely data on the number of persons in the United States living with human immunodeficiency virus (HIV) infection (HIV prevalence) are needed to guide planning for disease prevention, program evaluation, and resource allocation. However, overall HIV prevalence cannot be measured directly because a proportion of persons infected with HIV have neither been diagnosed nor reported to local surveillance programs. In addition, national HIV prevalence data are incomplete because local reporting systems for confidential, name-based HIV reporting have been fully implemented only since April 2008. With the advent of highly active antiretroviral therapies that delay the progression of HIV to acquired immunodeficiency syndrome (AIDS), and of AIDS to death (1), and changes in the AIDS case definition to include an immunologic diagnosis (2), earlier back-calculation methods from the 1990s for estimating HIV prevalence based on the number of reported AIDS cases are no longer reliable. With 80% of states reporting name-based HIV diagnoses as of January 2006, an extended back-calculation method now can be used to estimate HIV prevalence more accurately. Based on this method, CDC now estimates that 1.1 million adults and adolescents (prevalence rate: 447.8 per 100,000 population) were living with diagnosed or undiagnosed HIV infection in the United States at the end of 2006. The majority of those living with HIV were nonwhite (65.4%), and nearly half (48.1%) were men who have sex with men (MSM). The HIV prevalence rates for blacks (1,715.1 per 100,000) and Hispanics (585.3 per 100,000) were, respectively, 7.6 and 2.6 times the rate for whites (224.3 per 100,000).

An extended back-calculation method has been described in detail and was used recently to calculate the incidence of HIV infection in the United States (3). The method was used in this analysis to estimate HIV prevalence based on the number of HIV diagnoses by calendar year and disease severity (i.e., whether the person received an AIDS diagnosis in the same calendar year as the HIV diagnosis). HIV prevalence at the end of 2006 for the 50 states and District of Columbia was estimated using information from the national HIV/AIDS Reporting System for persons aged ≥ 13 years who were diagnosed with HIV during 2006 and reported to CDC by the end of June 2007. Forty states provided data on both HIV and AIDS diagnoses, whereas 10 states (California, Delaware, Hawaii, Illinois, Maryland, Massachusetts, Montana, Oregon, Rhode Island, and Vermont) and the District of Columbia provided data only for AIDS diagnoses. For the areas without name-based HIV data, statistical procedures and AIDS data were used to estimate HIV cases, based on the ratio of HIV to AIDS in states with integrated surveillance systems (4). The number of undiagnosed HIV infections was calculated by subtracting diagnosed AIDS prevalence and diagnosed HIV prevalence from the estimated overall HIV prevalence. Using an established method, data also were adjusted for reporting delays and redistribution of risk factors among persons initially reported without sufficient information to be classified into an HIV transmission category (5). HIV prevalence rates per 100,000 population were calculated for various demographic characteristics; population denominators for rate calculations were based on official postcensus estimates for 2006 (6).

Among the estimated number of persons living with HIV at the end of 2006, 46.1% (1,715.1 per 100,000 population) were black, 34.6% (224.3 per 100,000) were white, 17.5% (585.3 per 100,000) were Hispanic, 1.4% (129.6 per 100,000) were Asian/Pacific Islander, and 0.4% (231.4 per 100,000) were American Indian/Alaska Native (Table). Males accounted for 74.8% of prevalent HIV cases (685.7 per 100,000). The greatest percentage of cases was attributed to male-to-male sexual contact, accounting for 48.1% overall (and 64.3% among men). High-risk heterosexual contact, defined as heterosexual contact with a person known to have, or to be at high risk for,

Characteristic	HIV prevalence	(95% Cl [§])	%	Rate	(95% CI)
Sex					
Male	828,000	(786,000–870,000)	74.8	685.7	(650.9-720.5)
Female	278,400	(253,400–303,400)	25.2	220.4	(200.6–240.2)
Age group (yrs)					
13–24	56,500	(45,000–68,000)	5.1	111.0	(88.4–133.6)
25–49	770,000	(730,000-810,000)	69.6	720.4	(683.0-757.9)
<u>≥</u> 50	280,000	(255,000–305,000)	25.3	313.5	(285.5–341.4)
Race/Ethnicity					
White	382,600	(354,600–410,600)	34.6	224.3	(207.9-240.7)
Black	510,100	(478,100-542,100)	46.1	1,715.1	(1,607.5-1,822.7)
Hispanic [¶]	194,000	(175,000-213,000)	17.5	585.3	(528.0-642.6)
Asian/Pacific Islander	15,100	(12,600–17,600)	1.4	129.6	(108.2–151.1)
American Indian/Alaska Native	4,600	(3,100–6,100)	0.4	231.4	(156.0-306.9)
HIV transmission category					
Male-to-male sexual contact	532,000	(492,000–572,000)	48.1		
Injection drug use (male)	131,500	(114,500–148,500)	11.9		
Injection drug use (female)	73,100	(62,100-84,100)	6.6		
Male-to-male sexual contact and injection drug use	54,900	(44,900-64,900)	5.0		
High-risk heterosexual contact (male)**	104,000	(89,000-119,000)	9.4		
High-risk heterosexual contact (female)**	201,700	(179,700–223,700)	18.2		
Other ^{††}	9,100	(7,600–10,600)	0.8		
Total ^{§§}	1,106,400	(1,056,400–1,156,400)	100	447.8	(427.5–468.0)

TABLE. Estimated number,* percentage, and rate[†] of persons aged \geq 13 years living with human immunodeficiency virus (HIV) infection, by selected characteristics — United States, 2006

* Estimated numbers, from national HIV/AIDS Reporting System data, are adjusted for reporting delays and reclassification of cases reported without information regarding an HIV transmission category, but are not adjusted for underreporting. Estimates are rounded to the nearest 100.

[†] Per 100,000 population at the end of 2006. Rates for transmission category subgroups were not calculated because population denominators were unavailable. Rates for racial/ethnic populations do not include an adjustment for redistribution of persons of unknown race/ethnicity.

§ Confidence interval.

[¶] Might be of any race.

** Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

⁺⁺ Includes hemophilia, blood transfusion, perinatal exposure, and risk factors not reported or not identified.

§§ Because column totals were calculated independently of the values of the subpopulations and all values were rounded, the values might not sum to the respective column total.

HIV infection (e.g., an injection drug user) accounted for 27.6% of prevalent cases overall (12.6% of cases among men and 72.4% of cases among women). Injection drug use (IDU) accounted for 18.5% of total cases (15.9% of cases among men and 26.3% of cases among women). The remainder of cases were attributed to men who reported both male-to-male sexual contact and IDU (5.0%) or whose transmission category was classified as other (0.8%; including hemophilia, blood transfusion, perinatal exposure, and risk factors not reported or not identified). Overall, an estimated 232,700 (21.0%) persons living with HIV infection had not been diagnosed as of the end of 2006.

The HIV prevalence rate for black men (2,388.2 per 100,000 population; 95% confidence interval [CI] = 2,197.9–2,578.4) was six times the rate for white men (394.6 per 100,000; CI = 363.3–425.9) (Figure), and the rate for Hispanic men (883.4 per 100,000; CI = 784.9–982.4) was more than twice the rate for white men. The HIV prevalence rate for black women (1,122.4 per 100,000; CI = 1,002.2–1,242.5) was nearly 18 times the rate for white women (62.7 per 100,000; CI = 54.7–70.7), and the rate for Hispanic women (263.0 per 100,000; CI = 231.6–294.4) was more than four times

the rate for white women. The HIV prevalence rate for black women was greater than the rate for all other groups, except for black men.

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Editorial Note: Reduced mortality resulting from the use of highly active antiretroviral therapies is a major factor contributing to the number of persons in the United States living with HIV disease (*I*). Additionally, more than 56,000 new HIV infections are estimated to occur annually (3).

The estimate of HIV prevalence in this report is similar to an estimate for 2003 (1,039,000–1,185,000) that used the same extended back-calculation method (4). However, because of improvements in national HIV surveillance data since 2003, the two estimates cannot be compared directly. The 2006 estimate is based on a data set that 1) includes HIV diagnoses from 10 states that were not reporting in 2003 and 2) has been refined by an improved ability to identify and remove duplicate HIV case data that reflect reports by more than one state. Using the refined data set, CDC now estimates the HIV prevalence for 2003 to have been 994,000, suggesting that HIV

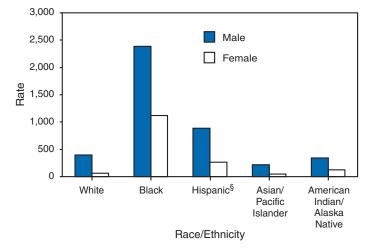


FIGURE. Estimated human immunodeficiency virus (HIV) prevalence rate* among persons aged \geq 13 years, by race/ethnicity and sex — United States, 2006[†]

* Per 100,000 population.

[†] HIV prevalence at the end of 2006 for the 50 states and the District of Columbia, estimated from national HIV/AIDS Reporting System data. [§] Might be of any race.

prevalence in the United States increased by approximately 112,000 (11.3%) from 2003 to 2006. Analysis of the refined data also indicated that the percentage of HIV-positive persons who were undiagnosed decreased from approximately 25% in 2003 to 21% in 2006; an estimated 30% of this change resulted from a decrease in the number of undiagnosed persons, and 70% resulted from an increase in the total number of persons living with HIV (CDC, unpublished data, 2008).

The burden of HIV infection was disproportionate among populations. Blacks made up 12% of the adult and adolescent population in the United States in 2006 (*6*), but accounted for 46.1% of persons estimated to be living with HIV. Similarly, nearly half (48.1%) of the persons living with HIV were MSM, and although not precisely known, the percentage of MSM in the general population is estimated to be much lower. Data from CDC's National Survey of Family Growth indicate that, among males aged 15–44 years, 3.7% ever have had anal sex with another male, and the proportion of men who had a male sexual partner in the past 12 months was 2.9% (*7*).

The findings in this report are subject to at least three limitations. First, reported HIV data used in the extended back-calculation method represent only a portion of persons in the United States who were diagnosed with HIV infection; several high-morbidity areas, including California, Illinois, Maryland, and the District of Columbia, did not contribute HIV data. Availability of reported HIV data from these areas will increase accuracy of future prevalence estimates. Second, not all persons who are infected with HIV have been diagnosed and reported to the public health surveillance system, and data must be estimated for undiagnosed persons. Finally, the data have been adjusted statistically to account for delays in reporting new cases and deaths, and cases reported without risk factor information have been redistributed among other transmission categories (5). These adjustments were based on risk redistribution assumptions from the mid-1990s that might no longer be valid, which could result in over- or underadjustment of the data.

Previous studies have indicated that persons generally reduce their sexual risk behaviors (e.g., decrease the number of sex partners and reduce unprotected intercourse through increased condom use) after being diagnosed with HIV (8). Thus, increasing the percentage of HIV-infected persons who are diagnosed and linked with effective care and prevention services has the potential to reduce new HIV infections over time. To help achieve that, CDC has focused resources on increasing testing for HIV, particularly among populations that are disproportionately affected by HIV infection. Recent CDC activities have included publication of revised recommendations for HIV testing in health-care settings (9) and creation of a new program, the Heightened National Response to the HIV/AIDS Crisis in the African American Community (10). In 2007, as part of the President's Domestic HIV Initiative, CDC allocated funds to expand routine HIV testing, primarily among blacks. In addition to testing, expanding the number and reach of effective HIV prevention services for at-risk populations, including blacks, Hispanics, and MSM of all races, can contribute to reducing the disproportionate numbers of infections in these groups. Culturally appropriate opportunities for HIV testing, diagnosis, and access to early treatment and prevention services to reduce further HIV transmission are key to reducing new infections and ultimately decreasing HIV prevalence in the United States.

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Rabies in a Dog Imported from Iraq – New Jersey, June 2008

Rabies vaccination and stray dog control have led to successful control of canine rabies in the United States. The number of rabid dogs reported decreased from approximately 5,000 in 1950 to 79 in 2006, when the canine rabies virus variant associated with dog-to-dog rabies transmission was declared eliminated in the United States (1). On June 18, 2008, a mixed-breed dog, recently shipped from Iraq into the United States, was confirmed to have rabies by the Public Health and Environmental Laboratories of the New Jersey Department of Health and Senior Services. A total of 24 additional animals in the shipment, all potentially exposed to the rabid dog, were distributed to 16 states. This report summarizes the epidemiologic investigation by the New Jersey Department of Health and Senior Services, Bergen County Department of Health, and CDC, and the ensuing public health response. These findings underscore the need for vigilance regarding rabies (and other zoonotic diseases) during animal importation to prevent the possible reintroduction and sustained transmission of canine rabies in U.S. dog populations.

Case Report

On June 5, 2008, a shipment of 24 dogs and two cats arrived in the United States from Iraq as part of an international animal rescue operation. The goal of the operation was to reunite servicemen returning to the United States with animals they had adopted in Iraq. Upon arrival at Newark Liberty International Airport, the animals received physical examinations from volunteer licensed veterinarians. One cat became ill with neurologic signs during transport and was euthanized on arrival. The cat was tested for rabies and was negative. The remaining 24 dogs and one cat were housed for several days at the airport before distribution to their final U.S. destinations.

On June 8, one of the 24 dogs, a mixed-breed aged 11 months (dog A), became ill and was taken to a veterinarian the

next day. The dog was hospitalized with fever, diarrhea, wobbly gait, agitation, and crying. The dog's condition deteriorated, progressing to lateral recumbency with periods of agitation. On June 11, the dog was euthanized. Specimens were shipped to the Public Health and Environmental Laboratories for rabies testing, but delivery of the specimens was delayed. On June 18, the specimens were tested, and rabies was diagnosed. Specimens also were submitted to CDC, where rabies was confirmed on June 26 and typed as a rabies virus variant associated with dogs in the Middle East.

Public Health Investigation

The potentially infectious period for a dog, cat, or ferret with rabies can begin as many as 10 days before the onset of clinical signs and continue throughout the clinical course until death (2). To identify potential rabies exposure to humans or other animals while dog A was in Iraq, during transport, or at the airport shelter, an investigation was initiated by the New Jersey Department of Health and Senior Services and the Bergen County Department of Health, with participation from CDC. The dog was reportedly in the possession of a U.S. soldier in Baghdad for approximately 7 months before shipment to the United States. The dog had been kept in an indoor-outdoor run on a military base and had not been vaccinated for rabies; the owner reported no signs of illness in the dog or potential exposure to other rabid animals during the 7 months. The owner also reported no potential exposures to other persons or animals during the 2 days of potential infectivity before the dog was transferred to the animal rescue operation for shipment on May 31.

Upon arrival in the United States, none of the 24 dogs were accompanied by the valid rabies vaccination certificates required for admission by CDC animal importation regulations.* For dogs aged ≥ 3 months, a rabies vaccination must be administered at least 30 days before the date of arrival at a U.S. port. Five of the 24 dogs (not including dog A) reportedly had received a previous rabies vaccination; however, none of the information required for a valid rabies vaccination certificate was available, including vaccine manufacturer, lot numbers, or a certifying veterinarian signature. Twenty-one of the animals in the shipment, including dog A, had received a primary rabies vaccination in Iraq during May 28-31, immediately before being shipped to New Jersey. Because none of the dogs met rabies vaccination requirements for importation, in accordance with the importation regulation, a confinement agreement was issued by CDC, stating where the animals would be held for at least 30 days after vaccination. During shipment and

^{*42} CFR § 71.51.

upon arrival in New Jersey, all the animals were housed in separate crates; however, interviews with persons present during the animals' arrival and stay in Newark identified potential periods during which dogs, including dog A, were allowed to intermingle.

On June 10, 1 day before dog A was euthanized and 8 days before rabies was diagnosed, the remaining 23 dogs and one cat were shipped to destinations in 16 states.[†] Because none of the surviving animals had a verifiable history of vaccination at least 30 days before their potential exposure to dog A, CDC recommended immediate vaccination and a 6-month quarantine for all of them (2). State health departments in the 16 states were advised of the recommendations.

During the public health investigation, 28 persons were evaluated for potential rabies exposure; 13 were identified with potential exposure because of direct contact with possibly infectious saliva (3) and were recommended to initiate rabies postexposure prophylaxis (PEP). All 23 dogs and one cat were located by state and local health authorities within 2 weeks of the rabies diagnosis. No clinical signs consistent with rabies were reported in the animals during 20 days of follow-up. All 24 animals continue to be monitored during the 6-month quarantine period.

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Editorial Note: Rabies virus infection results in a fatal encephalomyelitis in humans and other mammals. Globally, the most common sources of human rabies are geographically distinct rabies virus variants maintained predominantly through dogto-dog transmission (i.e., canine rabies), but sometimes with spillover[§] into other species. In the United States, occasional spillover into dogs of rabies virus variants associated with wildlife has occurred. However, since 2004, no rabies case attributable to an indigenously acquired canine rabies virus variant has been reported (1).

Canine rabies virus variants most commonly are imported via unvaccinated dogs from areas where rabies is enzootic, such as Asia, Africa, the Middle East, and parts of Latin America, where canine variants are responsible for most of the 55,000 human rabies deaths estimated worldwide each year (4). In May 2004, an unvaccinated puppy was flown from Puerto Rico to Massachusetts as part of an animal rescue program. The day after arrival, the puppy exhibited neurologic signs, was euthanized, and was subsequently confirmed to have rabies. Six persons were recommended to receive PEP because of potential exposure. In June 2004, an unvaccinated puppy adopted by a U.S. resident in Thailand was confirmed to have rabies by the California Department of Public Health. Of 40 persons interviewed for potential rabies exposure, 12 received PEP. In March 2007, a puppy adopted by a U.S. veterinarian while volunteering in India was confirmed to have rabies by the Alaska Department of Health and Social Services. The puppy was flown in cargo to Seattle, Washington, then adopted by another veterinarian in Juneau, Alaska, where it was flown 7 days after arrival. Of 20 persons interviewed for potential rabies exposure, eight received PEP (5, 6). In all three cases, the rabies virus variant was typed as a variant circulating in dogs and terrestrial wildlife in the animal's country of origin (i.e., mongoose and canine rabies virus variants enzootic in Puerto Rico, Thailand, and India, respectively).

This report reiterates the need for education of the public regarding rabies incidence in other countries and preventing rabies exposure. While traveling in areas that are endemic for rabies, travelers should not pet stray animals. In addition, travelers should not adopt stray animals without acquiring a veterinarian's health assessment and ensuring proper animal vaccination for importation. Travelers also should consider their potential for rabies exposure from animals, understand proper wound management, and promptly report animal bites to health-care providers (7). Health information for travelers is available at http://wwwn. cdc.gov/travel/contentyellowbook.aspx.

CDC administers federal importation regulations for dogs. These regulations allow admittance of unvaccinated dogs aged <3 months, provided the importer signs an agreement to vaccinate the dog at age 3 months and confine the animal for 30 days after the vaccination. Dogs aged \geq 3 months that have not been vaccinated for rabies also must be confined until vaccinated and for 3 months after vaccination. Upon arrival in the United States, importers should declare animals to federal authorities and comply with those requirements for confinement of unvaccinated puppies.

CDC's regulations were created in the early 1950s to guide persons importing dogs or cats as their personal pets. However, recent trends in dog importations have shown an increase in the numbers of animals being imported for commercial pet trade (8). CDC is working to update current regulations and better address the importation of dogs. In July 2007, the U.S. Department of Health and Human Services posted an advance notice of proposed rulemaking to begin the process of revising

[†] California, Colorado, Connecticut, Iowa, Kentucky, Maryland, Massachusetts, Missouri, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, Texas, Virginia, and Washington.

[§] Transmission of a rabies virus variant to a secondary host from a primary reservoir species, usually resulting in a dead-end infection, such as human rabies acquired from a rabid dog.

CDC's animal importation regulations, including those that apply to dogs and other companion animals.⁹

U.S. animal importation regulations, rabies vaccination requirements for dogs, wildlife rabies surveillance and vaccination programs, and prophylaxis for human exposures all contribute to public health protection from rabies. Continued vigilance and partnership between federal and state agencies, as well as health professionals and pet importers, are vital to decrease the risk for reemergence of canine rabies virus in the United States.

[¶] Available at http://www.cdc.gov/ncidod/dq/anprm/index.htm.

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Licensure of a Diphtheria and Tetanus Toxoids and Acellular Pertussis Adsorbed and Inactivated Poliovirus Vaccine and Guidance for Use as a Booster Dose

On June 24, 2008, the Food and Drug Administration licensed a combined diphtheria and tetanus toxoids and acellular pertussis adsorbed (DTaP) and inactivated poliovirus (IPV) vaccine, DTaP-IPV (Kinrix, GlaxoSmithKline Biologicals, Rixensart, Belgium). Kinrix is licensed for use as the fifth dose of the DTaP vaccine series and the fourth dose of the IPV series in children aged 4–6 years whose previous DTaP vaccine doses were DTaP (Infanrix, GlaxoSmithKline) and/or DTaP-Hepatitis B-IPV (Pediarix, GlaxoSmithKline) for the first 3 doses and DTaP (Infanrix) for the fourth dose (*1,2*). DTaP-IPV administered to children aged 4–6 years would reduce by one the number of injections needed to complete DTaP and IPV immunization. This report summarizes the indications for Kinrix and provides guidance from the Advisory Committee on Immunization Practices (ACIP) for its use.

ACIP reviewed data on the safety and immunogenicity of DTaP-IPV (Kinrix). On the basis of these data, expert opinion of the ACIP Combination Vaccines Workgroup, and feedback from ACIP liaison organizations including the American Academy of Pediatrics and the American Academy of Family Physicians, ACIP endorsed the licensed indications and offered the following guidance for use of DTaP-IPV. On June 26, ACIP voted to include DTaP-IPV in the federal Vaccines for Children Program.

The individual antigens (diphtheria, tetanus, and pertussis toxoids, filamentous hemagglutinin, pertactin, and poliovirus types 1, 2, and 3) contained in combined DTaP-IPV are identical to the antigens contained in GlaxoSmithKline's DTaP (Infanrix) and DTaP-Hepatitis B-IPV (Pediarix) and have been described previously (3). DTaP-IPV contains no preservatives. DTaP-IPV is administered as an intramuscular injection, preferably into the deltoid region. Two clinical trials conducted in U.S. children aged 4–6 years showed that combined DTaP-IPV and separately administered DTaP and IPV vaccines had comparable safety and reactogenicity profiles, with or without a co-administered second dose of measles, mumps, and rubella (MMR) vaccine (3, 4). The immunogenicity of all antigens was similar between the treatment groups, with or without a co-administered second dose of MMR vaccine.

Indications and Guidance for Use

DTaP-IPV (Kinrix) is indicated for use as the fifth dose of DTaP and fourth dose of IPV in children aged 4–6 years

who received DTaP (Infanrix) and/or DTaP-Hepatitis B-IPV (Pediarix) as the first 3 doses and DTaP (Infanrix) as the fourth dose (1,2). This vaccine should not be administered to children aged <4 years or \geq 7 years; however, if DTaP-IPV (Kinrix) is inadvertently administered for an earlier dose of the DTaP and/or IPV series, the dose should be counted as valid and does not need to be repeated provided minimum interval requirements have been met (5). Data are limited on the safety and immunogenicity of interchanging DTaP vaccines from different manufacturers (6). ACIP recommends that, whenever feasible, the same manufacturer's DTaP vaccines should be used for each dose in the series; however, vaccination should not be deferred because the type of DTaP previously administered is unavailable or unknown (6).

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Licensure of a Diphtheria and Tetanus Toxoids and Acellular Pertussis Adsorbed, Inactivated Poliovirus, and *Haemophilus* b Conjugate Vaccine and Guidance for Use in Infants and Children

On June 20, 2008 the Food and Drug Administration (FDA) licensed a combined diphtheria and tetanus toxoids and acellular pertussis adsorbed (DTaP), inactivated poliovirus vaccine (IPV), and *Haemophilus influenzae* type b conjugate (tetanus toxoid [TT] conjugate) vaccine, DTaP-IPV/Hib (Pentacel, Sanofi Pasteur, Swiftwater, Pennsylvania), for use as a fourdose series in infants and children at ages 2, 4, 6, and 15–18 months (1,2). This report summarizes the indications for Pentacel and provides guidance from the Advisory Committee on Immunization Practices (ACIP) for its use.

ACIP reviewed data on the safety and immunogenicity of DTaP-IPV/Hib (Pentacel). On the basis of these data, expert opinion of the ACIP Combination Vaccines Workgroup, and feedback from ACIP liaison organizations including the American Academy of Pediatrics and the American Academy of Family Physicians, ACIP endorsed the licensed indications and offered the following guidance for use of DTaP-IPV/Hib. On June 26, ACIP voted to include DTaP-IPV/Hib in the federal Vaccines for Children Program.

Each dose of DTaP-IPV/Hib contains the same diphtheria and tetanus toxoids and pertussis antigens (inactivated pertussis toxin [PT], filamentous hemagglutinin [FHA], pertactin, and fimbriae types 2 and 3) as the FDA-licensed DTaP vaccine Daptacel (Sanofi Pasteur, Toronto, Canada) but contains an increased amount of inactivated PT and FHA (2). The poliovirus component of DTaP-IPV/Hib contains the same strains and amount of inactivated poliovirus types 1, 2, and 3 as the polio vaccine Poliovax (Sanofi Pasteur, Toronto, Canada) (2). The Hib component is identical to ActHib (Haemophilus influenzae type b capsular polysaccharide [polyribosyl-ribitolphosphate {PRP}] covalently bound to tetanus toxoid) (Sanofi Pasteur, Swiftwater, Pennsylvania) (2). The DTaP-IPV component is supplied as a sterile liquid used to reconstitute a lyophilized ActHIB vaccine component. Components should not be administered separately. DTaP-IPV/Hib does not contain thimerosal.

In comparative studies, the frequency of solicited local and systemic adverse events and of serious adverse events after administration of DTaP-IPV/Hib was similar to that observed following separately administered DTaP, IPV, and Hib component vaccines (2,3). The immunologic responses after the third dose or the fourth dose of DTaP-IPV-Hib generally were comparable to those following separately administered component vaccines, and have been published (2,3). Immune responses following the first and second doses were not measured.

Indications and Guidance for Use

DTaP-IPV/Hib is licensed for use in children aged 6 weeks through 4 years. DTaP-IPV/Hib is indicated for use in infants and children at ages 2, 4, 6, and 15–18 months (1). DTaP-IPV/ Hib is not licensed for use in children aged \geq 5 years, and is not indicated for the booster dose at age 4–6 years (2). However, DTaP-IPV/Hib that is inadvertently administered to children aged \geq 5 years should be counted as a valid dose.

For prevention of diphtheria, tetanus, and pertussis, all children are recommended to receive 4 doses of DTaP, at ages 2, 4, 6, and 15–18 months, and a booster dose at age 4–6 years. Although an 8-week interval between doses is preferred, if an accelerated schedule is needed, a minimum interval of 4 weeks should occur between the first and second doses, and the third dose should not be administered before age 14 weeks (4). The fourth dose of DTaP-IPV/Hib may be administered as early as 12 months of age if the clinician feels an opportunity to vaccinate may be missed later and if 6 months has elapsed since the third dose of DTaP-IPV/Hib (1).

Data are limited on the safety and immunogenicity of interchanging DTaP vaccines from different manufacturers (2). ACIP recommends that, whenever feasible, the same manufacturer's DTaP product should be used for the pertussis series; however, that vaccination should not be deferred if the specific DTaP vaccine brand previously administered is unavailable or unknown (2).

For prevention of poliomyelitis, all children are recommended to receive 4 doses of IPV, at ages 2, 4, 6–18 months, and 4–6 years. DTaP-IPV/Hib may be used for 1 or more doses of the IPV series, including in children who have received 1 or more doses of another licensed IPV vaccine and who also are scheduled to receive DTaP and Hib vaccination. When an accelerated or catch-up schedule is needed, IPV doses may be administered at 4-week intervals and the fourth dose counted as valid if administered as early as age 18 weeks when the proper spacing of prior doses is maintained (*1*). Therefore, DTaP-IPV/Hib (Pentacel) doses administered at 2, 4, 6, and 12–18 months would provide 4 valid doses of IPV under these circumstances.

The recommended vaccination schedule for Hib-TT vaccines (e.g., Pentacel) consists of a 3-dose primary series at ages 2, 4, and 6 months, and a booster dose at age 12–15 months (1). Intervals between doses of the primary series as short as 1 month are acceptable but not optimal. Minimum intervals for the booster dose vary by age at first vaccination and have been published (5). DTaP-IPV/Hib may be administered at 12 months and counted as a valid Hib-TT dose if the minimum intervals are followed; however, the safety and efficacy of DTaP-IPV/Hib in this circumstance have not been evaluated. DTaP-IPV/Hib may be administered at separate injection sites with other vaccines administered at age 12–18 months, such as hepatitis A, hepatitis B, pneumococcal conjugate, measles, mumps, and rubella (MMR), and varicella vaccines (2).

Special Considerations

Certain American Indian/Alaska Native (AI/AN) children are at increased risk for Hib disease, particularly in the first 6 months of life (6). Furthermore, the immunologic response to different Hib conjugate vaccine preparations can vary. Compared with other Hib conjugate vaccines (e.g., Hib-TT), administration of polyribosylribitol phosphate-meningococcal outer membrane protein (PRP-OMP)-containing Hib vaccine preparations leads to a more rapid seroconversion to protective antibody concentrations within the first 6 months of life. Although for subsequent doses, PRP-OMP and other Hib conjugate vaccines appear to have equal efficacy, failure to use PRP-OMP vaccines for the first dose has been associated with excess cases of Hib disease in AI/AN infants living in communities where Hib transmission is ongoing and exposure to colonized persons is likely (6,7). In addition, stocking of both PRP-OMP and other Hib conjugate vaccine preparations in the same clinic might lead to inadvertent administration of another vaccine for the first Hib dose. For this reason, clinics that serve predominantly AI/AN children might elect to stock and use only PRP-OMP-containing Hib vaccines (6).

Different lot numbers for the different components of DTaP-IPV/Hib are included on the DTaP-IPV vial and on the Hib powder vial. Providers should record lot numbers separately for the DTaP-IPV and Hib components.

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Notice to Readers

Get Smart About Antibiotics Week – October 6–10, 2008

October 6–10 is Get Smart About Antibiotics Week. The theme of this observance is "The power to prevent resistance is in your hands."

Inappropriate use of antibiotics to treat upper respiratory infections (URIs) can result in unnecessary risk for adverse events and contribute to the likelihood of antibiotic resistance. Adverse events related to antibiotics (usually allergies or drug intolerance) resulted in an estimated 142,500 emergency department visits annually in the United States during 2004–2006 (1). In addition, inappropriate and excessive antimicrobial use can increase a community's risk for antibiotic-resistant bacterial infections that might lead to severe or prolonged illness, hospitalization, and sometimes death. Educating clinicians and the public regarding appropriate use of antibiotics might help reduce adverse drug events, including antibiotic resistance.

As part of Get Smart About Antibiotics Week, health-care providers are urged to take the following actions to help reduce antibiotic resistance and other adverse drug events:

- Know when antibiotics are indicated, and avoid prescribing antibiotics for URIs such as pharyngitis, bronchitis, sinusitis, and the common cold, which are primarily caused by viruses.
- Instead of prescribing antibiotics for URIs, identify and validate patient concerns and recommend symptomatic therapy.

Additional information about Get Smart About Antibiotics Week is available at http://www.cdc.gov/getsmart.

Reference

 Shehab N, Patel PR, Srinivasan A, Budnitz DS. Emergency department visits for antibiotic-associated adverse events. Clin Infect Dis 2008; 47:735–43.

Notice to Readers

Epidemiology in Action: Intermediate Analytic Methods Course, January 12–15, 2009

CDC and Emory University's Rollins School of Public Health will cosponsor the course Epidemiology in Action: Intermediate Analytic Methods, January 12–15, 2009, at Emory University, Rollins School of Public Health, in Atlanta, Georgia. The course is designed for practicing public health professionals who have experience in basic applied epidemiology and would like training in additional quantitative skills related to analysis and interpretation of epidemiologic data.

The course includes a review of the fundamentals of descriptive epidemiology and biostatistics, measures of association, normal and binomial distributions, confounding, statistical tests, stratification, logistic regression models, and computer programs used in epidemiology.

The prerequisite is an introductory course in epidemiology, such as Epidemiology in Action or the International Course in Applied Epidemiology. Tuition will be charged. The application deadline is December 15, 2008, or until all slots have been filled. Additional information and applications are available by mail (Emory University, Hubert Global Health Dept [Attn: Pia], 1518 Clifton Rd. NE, Rm. 746, Atlanta, GA 30322); telephone (404-727-3485); fax (404-727-4590); e-mail (pvaleri@sph.emory.edu), or Internet (http://www.sph.emory. edu/epicourses).

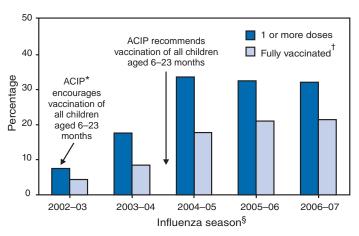
Erratum: Vol. 57, No. 36

In the report, "Subpopulation Estimates from the HIV Incidence Surevillance System — United States, 2006," an error occurred in the last sentence on page 986. The sentence should read, "Among white MSM, by age group, the largest number of new infections (4,670 [35%]) was among those aged 30–39 years (Figure)."

Erratum: Vol. 57, No. 38

In the report, "Influenza Vaccination Coverage Among Children Aged 6–23 Months — United States, 2006–07 Influenza Season," an error occurred in Figure 1 on page 1043. The corrected figure follows.

FIGURE 1. Percentage of children aged 6–23 months receiving influenza vaccination during September–December, by influenza season and vaccination status — National Immunization Survey, United States, 2002–03 to 2006–07 influenza seasons



* Advisory Committee on Immunization Practices.

- [†] Children were considered fully vaccinated if they had 1) received no doses of influenza vaccine before September 1 and received 2 doses from September 1 through the date of interview or January 31 (whichever was earlier), or 2) received 1 or more doses of influenza vaccine before September 1 and received 1 or more doses during September–December.
- 2002-03 (N = 13,831); 2003–04 (N = 13,881); 2004–05 (N = 12,056); 2005–06 (N = 13,546); and 2006–07 (N = 9,710).

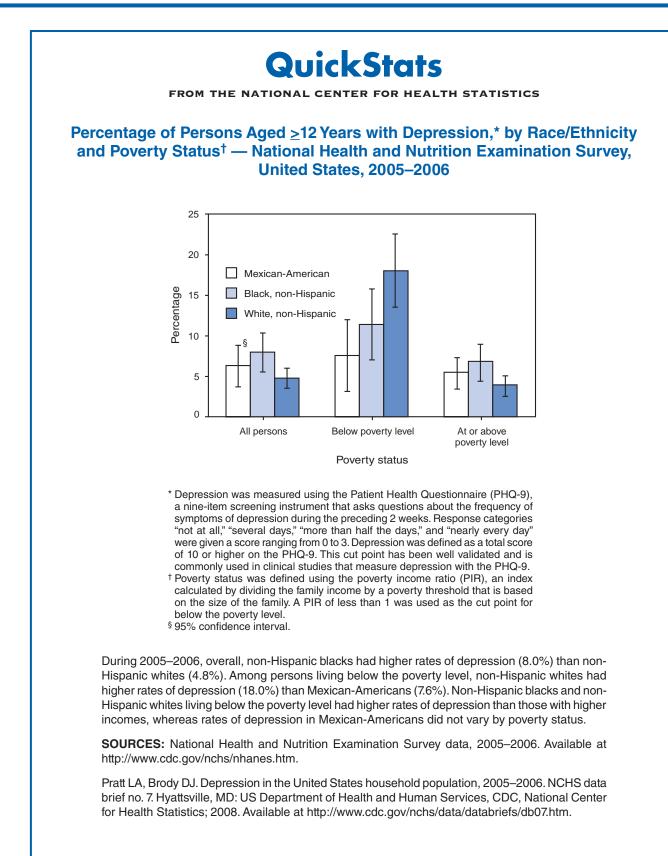


TABLE 1. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending September 27, 2008 (39th week)*

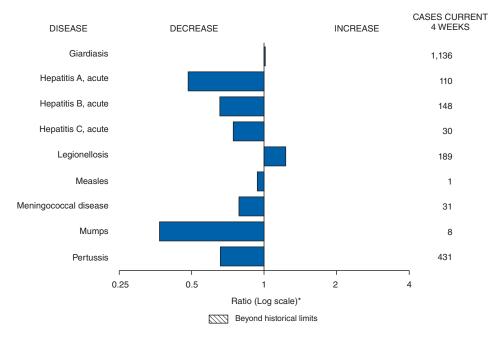
	Current	Cum	5-year weekly	repo	Tot orted fo	al cas r previ		ears	
Disease	week	2008	average [†]	2007		2005			States reporting cases during current week (No.)
Anthrax	_	_	_	1	1	_	_	_	
Botulism:									
foodborne		6	0	32	20	19	16	20	
infant	1	69	2	85	97	85	87	76	PA (1)
other (wound & unspecified)	_	12	1	27	48	31	30	33	
Brucellosis Chancroid	3	61 30	2 1	131 23	121 33	120	114 30	104 54	CA (3)
Cholera	_	1	0	23 7		17 8	6	2	
Cyclosporiasis§	1	107	1	93	137	543	160	75	WA (1)
Diphtheria	_		_		-			1	W/(())
Domestic arboviral diseases ^{§,¶} :								•	
California serogroup	_	28	4	55	67	80	112	108	
eastern equine	—	2	0	4	8	21	6	14	
Powassan	—	1	_	7	1	1	1	_	
St. Louis	—	9	1	9	10	13	12	41	
western equine	_	_	_	_	_	_	_	—	
Ehrlichiosis/Anaplasmosis ^{§,**} :	_		10						
Ehrlichia chaffeensis	7	561	13	828	578	506	338	321	MD (1), VA (1), NC (1), GA (2), TN (2)
Ehrlichia ewingii	-	7	10	024	646	700		262	CT (1)
Anaplasma phagocytophilum undetermined	1	224 52	12 3	834 337	646	786	537 59	362	CT (1)
Haemophilus influenzae, ^{††}	_	52	3	337	231	112	59	44	
invasive disease (age <5 yrs):									
serotype b	1	20	0	22	29	9	19	32	MD (1)
nonserotype b	1	125	2	199	175	135	135	117	CO (1)
unknown serotype	1	142	3	180	179	217	177	227	OR (1)
Hansen disease§	_	54	2	101	66	87	105	95	- ()
Hantavirus pulmonary syndrome§	_	11	0	32	40	26	24	26	
Hemolytic uremic syndrome, postdiarrheal§	6	147	6	292	288	221	200	178	NY (2), OK (1), CO (1), CA (2)
Hepatitis C viral, acute	8	598	17	849	766	652		1,102	PA (1), MI (1), NC (1), KY (2), WA (1), OR (1), CA (1)
HIV infection, pediatric (age <13 years)§§	_		3	_		380	436	504	
Influenza-associated pediatric mortality ^{§,¶¶}	_	88	0	77	43	45		N	
Listeriosis	9	430	21	808	884	896	753	696	NY (1), IN (1), MD (1), NC (1), FL (2), WA (1), CA (2)
Measles***	_	129	0	43	55	66	37	56	
Meningococcal disease, invasive ^{†††} : A, C, Y, & W-135	1	207	4	325	318	297	_	_	MD (1)
serogroup B	1	120	2	167	193	156	_	_	VA (1)
other serogroup	_	26	0	35	32	27	_	_	VA (1)
unknown serogroup	10	465	9	550	651	765	_	_	NYC (2), MI (1), NE (1), DE (1), NC (1), AZ (1), WA (1)
									CA (2)
Mumps	3	310	16	800	6,584	314	258	231	FL (1), CA (2)
Novel influenza A virus infections	_	_	—	1	N	N	N	N	
Plague	—	1	0	7	17	8	3	1	
Poliomyelitis, paralytic	—	_	0	_		1			
Polio virus infection, nonparalytic [§]	_		_		N	N	N	N	
Psittacosis [§] Qfever [§] . ^{§§§} total:	3	9 85	0 2	12 171	21 169	16 136	12 70	12	
acute	3	85 78		171	169	130	70	71	CA (3)
chronic		70		_	_	_	_	_	OA (5)
Rabies, human	_	_	0	1	3	2	7	2	
Rubella ¹¹¹	_	11	Ő	12	11	11	10	7	
Rubella, congenital syndrome	_		_		1	1	_	1	
SARS-CoV ^{§,****}	_	_	_	_	_	_	_	8	
Smallpox§	—	—	—	—	—	—	—	—	
Streptococcal toxic-shock syndrome§	1	104	1	132	125	129	132	161	NC (1)
Syphilis, congenital (age <1 yr)	_	149	8	430	349	329	353	413	
Tetanus		7	1	28	41	27	34	20	
Toxic-shock syndrome (staphylococcal)§	1	44	2	92	101	90	95	133	TN (1)
Trichinellosis	_	5	0	127	15	16	124	6	
Tularemia		79	3	137	95 252	154	134	129	CT (3), VA (1), OK (1), TX (1), WA (1), CA (1)
Typhoid fever Vancomycin-intermediate Staphylococcus aureus	8	299 6	10 0	434 37	353 6	324 2	322	356 N	G I (3), VA (1), UK (1), TX (1), WA (1), GA (1)
Vancomycin-intermediate Staphylococcus aureus [§]	· _	0		2	ю 1	2	1	N	
Vibriosis (noncholera <i>Vibrio</i> species infections)§	10	315	5	447	N	N	N	N	MD (2), VA (1), GA (1), FL (4), CA (2)
Yellow fever		0.0	_					_	

See Table 1 footnotes on next page.

TABLE 1. (*Continued*) Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending September 27, 2008 (39th week)*

- -: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts.
- * Incidence data for reporting year 2008 are provisional, whereas data for 2003, 2004, 2005, 2006, and 2007 are finalized.
- [†] Calculated by summing the incidence counts for the current week, the 2 weeks preceding the current week, and the 2 weeks following the current week, for a total of 5 preceding years. Additional information is available at http://www.cdc.gov/epo/dphsi/phs/files/5yearweeklyaverage.pdf.
- § Not notifiable in all states. Data from states where the condition is not notifiable are excluded from this table, except in 2007 and 2008 for the domestic arboviral diseases and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/epo/dphsi/phs/infdis.htm.
- ¹ Includes both neuroinvasive and nonneuroinvasive. Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for West Nile virus are available in Table II.
- ** The names of the reporting categories changed in 2008 as a result of revisions to the case definitions. Cases reported prior to 2008 were reported in the categories: Ehrlichiosis, human monocytic (analogous to *E. chaffeensis*); Ehrlichiosis, human granulocytic (analogous to *Anaplasma phagocytophilum*), and Ehrlichiosis, unspecified, or other agent (which included cases unable to be clearly placed in other categories, as well as possible cases of *E. ewingii*).
- ^{††} Data for *H. influenzae* (all ages, all serotypes) are available in Table II.
- ^{§§} Updated monthly from reports to the Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. Implementation of HIV reporting influences the number of cases reported. Updates of pediatric HIV data have been temporarily suspended until upgrading of the national HIV/AIDS surveillance data management system is completed. Data for HIV/AIDS, when available, are displayed in Table IV, which appears quarterly.
- ¹¹¹ Updated weekly from reports to the Influenza Division, National Center for Immunization and Respiratory Diseases. Eighty-six cases occurring during the 2007–08 influenza season have been reported.
- *** No measles cases were reported for the current week.
- ^{†††} Data for meningococcal disease (all serogroups) are available in Table II.
- §§§ In 2008, Q fever acute and chronic reporting categories were recognized as a result of revisions to the Q fever case definition. Prior to that time, case counts were not differentiated with respect to acute and chronic Q fever cases.
- 1111 No rubella cases were reported for the current week.
- **** Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases.

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals September 27, 2008, with historical data



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

Notifiable Disease Data Team a	nd 122 Cities Mortality Data Team
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	Chlamydia [†]							idiodomy				-	tosporidi		
		Prev	/ious					vious				Prev	vious		
Reporting area	Current week	52 w Med	veeks Max	. Cum 2008	Cum 2007	Current . week	52 w Med	veeks Max	. Cum 2008	Cum 2007	Current . week	52 w Med	eeks Max	Cum 2008	Cum 2007
United States	13,710	21,147	28,892		816,774	90	121	341	4,746	5,570	141	105	493	4,855	8,489
New England	937	704	1,516	27,642	26,283	_	0	1	1	2	1	5	33	263	258
Connecticut Maine [§]	469 60	212 49	1,093 72	8,353 1,902	7,938 1,921	N N	0 0	0 0	N N	N N	_	0 1	31 6	31 35	42 40
Massachusetts New Hampshire	310 32	331 40	660 73	13,275 1,577	11,751 1,551	N	0 0	0 1	N 1	N 2	_	2 1	11 4	91 48	98 41
Rhode Island [§] Vermont [§]	14 52	55 15	98 44	2,008 527	2,335 787	N	0	0 0	 N	 N	1	0	3 7	7 51	6 31
Mid. Atlantic	2,636	2,806	5,018	110,843	104,970	IN	0	0			16	13	, 52	544	1,132
New Jersey New York (Upstate)	226 636	427 564	520 2.177	15,469 20,712	16,006 19,823	N N	0	0 0	N N	N N	13	1 5	6 20	25 208	52 178
New York City	1,130	1,004	3,086	43,164	37,087	N	0	0	N	Ν	—	2	6	75	84
Pennsylvania E.N. Central	644 1,143	819 3,531	1,047 4,373	31,498 128,003	32,054 133,421	N	0 1	0 3	N 37	N 26	3 68	5 26	30 116	236 1,416	818 1,402
Illinois Indiana	400	1,058 370	1,711 656	34,651 15,107	38,899 15,748	N N	0	0 0	N N	N N		23	11 41	62 146	154 67
Michigan	562	823	1,226	33,479	28,055	_	0	3	28	18	—	5	10	182	146
Ohio Wisconsin	50 131	881 345	1,261 612	32,359 12,407	36,018 14,701	N	0 0	1 0	9 N	8 N	56 5	6 9	59 43	541 485	422 613
W.N. Central Iowa	607	1,231 160	1,701 240	47,780 6,323	47,151 6,563	N	0 0	77 0	1 N	6 N	9 3	18 4	78 37	715 223	1,199 514
Kansas	213	170	529	6,939	6,111	Ν	0	0	Ν	Ν	2	1	14	61	106
Minnesota Missouri	325	260 472	373 567	9,357 18,179	10,096 17,334	_	0 0	77 1	1	6	_	5 3	34 13	159 115	148 133
Nebraska [§] North Dakota	_	93 34	252 65	3,544 1,272	3,889 1,242	N N	0 0	0	N N	N N	3 1	2 0	9 51	88 5	133 20
South Dakota	69	54	86	2,166	1,916	N	0	0	Ν	Ν	—	1	9	64	145
S. Atlantic Delaware	2,949 115	3,748 66	7,609 150	139,104 2,724	161,604 2,574	_	0 0	1 1	3 1	4	19	18 0	65 2	650 12	883 16
District of Columbia Florida	120 1,043	131 1,328	217 1,552	5,278 51,576	4,467 42,423	N	0	1 0	N	1 N	 15	0 8	2 35	5 341	3 448
Georgia	298	445 455	1,338	11,700	31,836	N	0 0	0 1	N 2	N 3	4	4 0	14 4	152 16	191 27
Maryland [§] North Carolina	_	76	4,783	16,822 5,901	16,343 22,579	N	0	0	N	N	_	0	18	27	68
South Carolina§ Virginia§	753 615	449 542	3,049 1,060	19,683 23,177	20,107 18,893	N N	0 0	0	N N	N N	_	1	15 5	32 52	60 60
West Virginia	_	59	96	2,243	2,382	N	0	0	N	N		0	3	13	10
E.S. Central Alabama [§]	898	1,550 473	2,394 589	60,395 16,194	62,420 18,994	N	0 0	0 0	N	N	3 1	3 1	41 9	123 53	473 82
Kentucky Mississippi	300 542	233 364	370 1,048	8,974 14.917	6,085 16,673	N N	0 0	0 0	N N	N N	2	0 0	16 5	27 12	210 84
Tennessee§	56	531	789	20,310	20,668	N	0	0	Ν	Ν		1	18	31	97
W.S. Central Arkansas [§]	2,147 266	2,729 272	4,426 455	106,591 10,672	92,549 7,017	N	0 0	1 0	3 N	2 N	13	6 1	130 6	415 34	299 42
Louisiana Oklahoma	415 14	378 208	774 392	14,906 7,668	14,978 9,967	N	0 0	1 0	3 N	2 N	 13	1	6 16	38 106	49 80
Texas [§]	1,452	1,868	3,923	73,345	60,587	Ν	0	0	Ň	N	_	2	117	237	128
Mountain Arizona	451 190	1,255 449	1,811 650	43,839 15,313	55,281 18,718	67 67	88 86	170 168	3,207 3,137	3,513 3,407	5	10 1	133 9	424 68	2,450 39
Colorado Idaho [§]	154 76	206 63	488 314	6,776 2,815	13,136 2,584	N	0	0	N	N N	2 2	2 1	12 51	86 47	168 281
Montana§		53	363	2,165	1,997	Ň	0	0	N	N	_	1	6	35	52
Nevada [§] New Mexico [§]	_	181 144	416 561	6,668 4,804	7,226 6,683	_	1 0	7 3	41 23	47 19	1	0 2	6 23	12 137	24 98
Utah Wyoming§	31	118 27	209 58	4,232 1,066	4,031 906	_	0 0	7 1	4 2	37 3	_	1 0	82 4	28 11	1,742 46
Pacific	1,942	3,676	4,676	136,461	133,095	23	31	217	1,494	2,017	7	9	29	305	393
Alaska California	58 1,316	93 2,854	129 4,115	3,365 106,503	3,649 103,883	N 23	0 31	0 217	N 1,494	N 2,017	1	0 5	1 19	3 182	3 204
Hawaii Oregon [§]	2 287	108 188	151 402	3,884 7,473	4,243 7,095	N N	0 0	0	N N	N N	_	0 1	1 4	2 45	6 108
Washington	279	386	634	15,236	14,225	Ν	0	0	Ν	Ν	6	2	16	73	72
American Samoa C.N.M.I.	_		22	73	73	<u>N</u>		0	<u>N</u>	<u>N</u>	<u>N</u>	0		<u>N</u>	<u>N</u>
Guam Puerto Rico	_	6 121	24 612	107 5,163	650 5,650	N	0	0 0	N	N	N	0	0 0	N	N
U.S. Virgin Islands		10	21	427	138		Ő	0				Ő	Ő		

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Incidence data for reporting year 2008 are provisional. Data for HIV/AIDS, AIDS, and TB, when available, are displayed in Table IV, which appears quarterly. * Chlamydia refers to genital infections caused by *Chlamydia trachomatis*. * Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

				(Gonorrhe	ea		Hae		is influen es, all sere	zae, invas otypes†	ive			
			vious veeks					rious reeks				Prev	vious veeks		
Reporting area	Current . week	Med	Max	. Cum 2008	Cum 2007	Current week	Med	Max	- Cum 2008	Cum 2007	Current week	Med	Max	. Cum 2008	Cum 2007
United States	266	305	1,158	12,033	13,197	3,878	6,038	8,913	223,187	263,790	22	47	173	1,892	1,853
New England Connecticut	8	25 6	48 12	999 236	1,092 276	176 130	103 50	227 199	4,001 1,938	4,194 1,624	1	3 0	12 9	119 30	138 37
Maine [§]	4	3	12	126	147	1	2	6	75	96	—	0	3	9	9
Massachusetts New Hampshire	_	10 2	20 10	343 106	476 26	39	42 2	127 6	1,640 80	1,996 118	_	2 0	5 1	57 9	68 15
Rhode Island [§] Vermont [§]	3 1	1 3	15 13	64 124	36 131	6	7 1	13 5	244 24	311 49	1	0	1 3	6 8	7 2
Mid. Atlantic	60	57	131	2,161	2,289	582	636	1,028	25,005	27,407	5	10	31	381	358
New Jersey New York (Upstate)	37	4 23	14 111	171 847	300 826	70 138	112 125	168 545	3,971 4,638	4,505 5,117	1	1 3	7 22	61 112	53 102
New York City Pennsylvania	9 14	16 15	27 29	580 563	634 529	213 161	176 227	518 394	7,853 8,543	7,997 9,788	4	1 4	6 9	65 143	80 123
E.N. Central	35	46	88	1,762	2,142	533	1,255	1,644	45,768	54,407	3	7	28	281	288
Illinois Indiana	N	10 0	32 0	385 N	685 N	169	367 150	589 296	12,092 6,153	14,543 6,755	1	2 1	7 20	78 57	93 45
Michigan	6	11	19	402	459	326	310	657	12,568	11,662	_	0	3	15	22
Ohio Wisconsin	26 3	16 9	31 23	655 320	594 404	18 20	309 104	531 214	11,656 3,299	16,402 5,045	1 1	2 1	6 2	108 23	80 48
W.N. Central Iowa	19 4	29 6	621 15	1,457 233	953 225	164	323 29	426 53	12,188 1.079	14,842 1,505	_	2 0	24 1	137 2	108 1
Kansas	4	3	10	119	131	70	40	130	1,704	1,750	_	0	3	11	11
Minnesota Missouri	_	0 8	575 22	509 337	6 387	90	59 157	92 210	2,092 5,994	2,588 7,605	_	0 1	21 6	41 54	44 35
Nebraska [§] North Dakota	7 3	4 0	10 36	152 17	110 14	_	26 2	47 7	995 75	1,109 87	_	0 0	3 2	21 8	14 3
South Dakota	1	1	10	90	80	4	6	15	249	198	_	0	0		
S. Atlantic Delaware	52	53 1	102 6	1,859 29	2,222 34	917 14	1,256 20	3,072 44	47,225 805	61,211 987	10	11 0	29 2	461 6	470 6
District of Columbia	1	1	5	41 906	56 950	49	48	104 549	1,972	1,787	3	0 3	1	8 144	3
Florida Georgia	35 1	22 11	52 25	409	488	361 3	462 206	560	17,345 4,479	17,362 13,117	2	2	10 9	114	123 93
Maryland [§] North Carolina	6 N	1 0	18 0	80 N	203 N	68	118 64	188 1,949	4,487 2,638	4,901 10,081	2 3	1	3 9	29 60	69 45
South Carolina [§] Virginia [§]	1 8	3 9	7 39	84 281	78 377	264 158	182 160	833 486	7,173 7,780	7,730 4,521	_	1 1	7 6	40 43	39 68
West Virginia		0	5	29	36	- 150	15	400	546	4,521	_	0	3	17	24
E.S. Central Alabama§	7	9 5	23 12	331 185	411 191	320	558 188	945 287	21,806 6,413	24,418 8,206	_	3 0	8 2	100 16	104 23
Kentucky	N	0	0	N	N	119	89	153	3,490	2,423	_	0	1	2	6
Mississippi Tennessee [§]	N 7	0 4	0 13	N 146	N 220	184 17	131 165	401 296	5,402 6,501	6,344 7,445	_	0 2	2 6	13 69	7 68
W.S. Central Arkansas§	7 2	8 3	41 8	302 105	316 114	753 88	992 87	1,355 167	36,600 3,516	38,487 3,119	_	2 0	29 3	87 8	79 9
Louisiana	1	2	9	88	104	184	174	317	6,477	8,633	_	0	2	7	6
Oklahoma Texas [§]	4 N	3 0	35 0	109 N	98 N	9 472	82 637	124 1,102	2,903 23,704	3,849 22,886	_	1 0	21 3	66 6	57 7
Mountain	23	30	68	1,068	1,248	78	220	337	7,685	10,410	2	5	14	226	197
Arizona Colorado	4 14	3 11	11 27	95 399	146 410	24 50	69 58	111 102	2,207 2,329	3,864 2,588	2	2 1	11 4	94 44	73 47
ldaho [§] Montana [§]	5	3 2	19 9	143 67	131 80	3	4 2	18 48	122 78	192 52	_	0 0	4	12 2	4 2
Nevada§	—	2	6	76	108	_	43	130	1,585	1,759	—	0	1	12	10
New Mexico [§] Utah	_	2 6	7 32	73 198	91 249	_	24 11	104 36	896 377	1,302 593	_	1	4 6	29 30	32 25
Wyoming [§] Pacific	 55	0 55	3 185	17 2,094	33 2,524	1 355	2 633	9 757	91 22,909	60 28,414	- 1	0 2	2 7	3 100	4 111
Alaska	5	2	5	71	54	6	10	24	374	415	—	0	4	14	10
California Hawaii	34	35 1	91 6	1,367 34	1,738 60	250 5	521 12	657 22	18,818 431	23,836 489	_	0 0	3 2	25 14	42 9
Oregon [§] Washington	3 13	9 8	19 87	337 285	329 343	48 46	23 62	63 97	939 2,347	843 2,831	1	1 0	4 3	44 3	48 2
American Samoa	_	0	0		_		0	1	2,017	3	_	0	0	_	_
C.N.M.I. Guam	_	0		_	2	_	1	12	 45	108	_	0	1	_	_
Puerto Rico	_	2	15	98	312	_	5	25	210	248	N	0	0		2 N
U.S. Virgin Islands	_	0	0		_		2	6	86	36	N	0	0	N	N

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Med * Incidence data for reporting year 2008 are provisional. * Data for *H. influenzae* (age <5 yrs for serotype b, nonserotype b, and unknown serotype) are available in Table I. \$ Contains data reported through the National Electronic Disease Surveillance System (NEDSS). Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

MMWR

	Α							В				Le	gionellos	is	
			vious					vious					ious		
Reporting area	Current . week	52 w Med	eeks Max	Cum 2008	Cum 2007	Current . week	52 w Med	eeks Max	Cum 2008	Cum 2007	Current . week	52 w Med	eeks Max	Cum 2008	Cum 2007
United States	35	47	171	1,844	2,209	37	71	259	2,512	3,206	51	53	129	1,938	1,892
New England	3	2	7	92	103	_	1	7	46	92	6	3	14	99	111
Connecticut Maine [§]	2	0 0	4 2	24 6	14 3	_	0 0	2	15 10	29 9	2	0 0	5 2	30 7	29 4
Massachusetts New Hampshire	_	1 0	5 2	38 11	54 12	_	0 0	3 1	9 6	35 4	_	0 0	3 5	13 24	30 7
Rhode Island§	1	0	2	11	12	_	0	2	4	13	4	0	5	20	33
Vermont [§] Mid. Atlantic	8	0 6	1 16	2 213	8 356	5	0 10	1 17	2 334	2 412	22	0 15	1 54	5 664	8 600
New Jersey	_	1	4	42	104	_	3	7	102	115	_	1	8	53	83
New York (Upstate) New York City	4 1	1 2	6 5	48 74	54 130	1	1 2	7 6	52 66	62 94	12	5 2	19 10	240 72	153 133
Pennsylvania	3	1	6	49	68	4	3	7	114	141	10	6	32	299	231
E.N. Central Illinois	1	6 1	16 10	224 65	258 94	6	7 1	18 6	270 59	350 108	12	10 1	34 5	410 24	450 93
Indiana Michigan	_	0 2	4 7	16 89	19 65	3	0 2	6 5	28 91	41 89	2	1 2	7 16	37 119	44 125
Ohio	1	1	4	33	52	3	2	7	86	95	10	5	18	219	159
Wisconsin W.N. Central	1	0 5	2 29	21 212	28 138	_	0 2	1 9	6 76	17 90	_	0 2	3 9	11 87	29 84
Iowa	_	1	7	95	41	_	0	2	13	20	—	0	2	12	9
Kansas Minnesota	_	0 0	3 23	12 26	6 56	_	0 0	3 5	6 7	8 16	_	0 0	1 4	2 9	9 17
Missouri Nebraska [§]		0 0	3 5	35 40	17 13	_	1 0	4 1	44 5	30 10	_	1 0	5 4	44 18	35 10
North Dakota	_	0	2	_	_	—	0	1	1	_	—	0	2	_	_
South Dakota S. Atlantic	7	0 8	1 15	4 273	5 375		0 15	1 60	588	6 772	4	0 8	1 28	2 307	4 306
Delaware	 U	Ö 0	1	6 U	7 U		0	3 0	7 U	14 U	—	Ŭ O	2	8 10	7
District of Columbia Florida	1	3	8	115	116	6	6	12	249	259	3	3	10	113	112
Georgia Maryland§	1 1	1 0	4 3	35 12	55 61	1	3 0	7 6	97 17	120 90	_	1 2	3 10	20 69	26 58
North Carolina South Carolina§	4	0 0	9 2	52 11	44 14	4	0 1	17 6	62 44	96 50	_	0 0	7 2	24 10	35 14
Virginia§	_	1	5	38	70	1	2	16	77	105	1	1	6	39	35
West Virginia E.S. Central	2	0 1	2 9	4 64	8 86	4	1 7	30 13	35 274	38 289	1	0 2	3 10	14 91	8 75
Alabama§	_	ò	4	9 24	17	1	2	5	84	100	_	0	2	12	9
Kentucky Mississippi	1	0 0	3 2	4	18 8	3	2 0	5 3	70 31	54 31	1	1 0	1	45 1	38
Tennessee [§] W.S. Central	1 4	0 5	6 55	27 186	43 187	5	2 15	8 131	89 493	104 659	1	1	5 23	33 55	28 96
Arkansas§	—	0	1	5	11	_	1	4	30	59	—	ò	2	9	10
Louisiana Oklahoma	_	0 0	1 3	10 7	26 10	4	2 2	4 37	59 85	77 43	_	0 0	1 3	6 3	4 5
Texas [§]	4	5	53	164	140	1	9	107	319	480	1	1	18	37	77
Mountain Arizona		4 2	9 8	149 65	187 127	1	3 1	10 4	143 45	160 68	_	2 0	5 5	53 14	79 26
Colorado Idaho§	_2	0 0	3 3	32 17	21 4	1	0 0	3 2	22 6	25 11	_	0	1	5 3	19 5
Montana [§] Nevada [§]	—	0	1	1	9 10	—	0	1 3	2 30	36	—	0	1	3 8	3
New Mexico§	_	0	2 3	15	8	_	0	2	9	10	_	0	1	4	8 9 6
Utah Wyoming [§]	_	0 0	2 1	11 3	6 2	_	0 0	5 1	26 3	6 4	_	0 0	3 0	16	6 3
Pacific	7	11	51	431	519	4	8	30	288	382	5	4	18	172	91
Alaska California	5	0 9	1 42	2 351	3 451	4	0 5	2 19	9 201	4 285	3	0 3	1 14	1 136	68
Hawaii Oregon [§]		0	2	14 23	5 22	_	0 1	2	5 36	11 45	2	0 0	1	4	1 7
Washington	2	1	7	41	38	_	1	9	37	37		0	3	16	15
American Samoa C.N.M.I.	_	0	0	_	_	_	0	0	_	14	N	0	0	N	N
Guam	_	0	0		_	_	0	1		2	_	0	0	_	
Puerto Rico U.S. Virgin Islands	_	0 0	4 0	15	55	_	1 0	5 0	35	62	_	0 0	1 0	1	4
<u> </u>		-	-				-	-				-	-		

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending September 27, 2008, and September 29, 2007 (39th week)*

Hepatitis (viral, acute), by type[†]

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum. * Incidence data for reporting year 2008 are provisional. † Data for acute hepatitis C, viral are available in Table I. § Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

(39th week)*											Mer	ningococ	cal diseas	se, invasiv	/e [†]
			me Disea vious	ise			Bros	Malaria					ll serotype /ious	es	
	Current	52 w	eeks	. Cum	Cum	Current .	52 w	eeks	Cum	Cum	Current	52 w	veeks	. Cum	Cum
Reporting area	week	Med	Max	2008	2007	week	Med	Max	2008	2007	week	Med	Max	2008	2007
United States New England	403 47	382 55	1,375 240	18,140 2,810	21,640 6,824	13	22 1	136 35	726 32	951 43	12	19 0	53 3	818 20	828 36
Connecticut	—	0	45	· —	2,742	—	0	27	11	1	—	0	1	1	6
Maine [§] Massachusetts	44	2 15	73 114	468 1,039	307 2,709	_	0 0	1 2	14	6 25	_	0 0	1 3	4 15	5 18
New Hampshire	—	10	124	1,036	791	_	0	1	3	8	_	0	0	—	3
Rhode Island [§] Vermont [§]	3	0 2	30 38	267	161 114	_	0 0	8 1	4	3	_	0 0	1 1	_	1 3
Mid. Atlantic	255	170	968	11,442	8,852	1	5	13	172	295	2	2	6	96	105
New Jersey New York (Upstate)	205	36 56	182 453	2,212 3,832	2,623 2,540	1	0 1	2 8	28	59 50	_	0 0	2 3	10 25	14 29
New York City	1	1	13	24	342	_	3	8	116	151	2	0	2	22	19
Pennsylvania	49	56	491	5,374	3,347	_	1	3	28	35		1	5	39	43
E.N. Central Illinois	7	10 0	71 9	630 61	1,910 140	_	2 1	7 6	90 37	101 47	1	3 1	9 4	128 39	126 50
Indiana	_	0	8	31	42	_	0	2	5	8		0	4	22	20
Michigan Ohio	_2	0 0	12 4	71 29	49 26	_	0 0	2 3	12 24	13 19	1	0 1	3 4	25 32	20 29
Wisconsin	5	7	58	438	1,653		0	3	12	14		0	2	10	7
W.N. Central lowa	1	5 1	740 8	745 81	339 108	1	1 0	9 1	48 5	28 3	1	2 0	8 3	75 16	49 11
Kansas	_	0	1	2	8	1	0	1	6	2	_	0	1	3	4
Minnesota Missouri	_	1 0	731 3	628 20	206 9	_	0 0	8 4	21 8	11 5	_	0 0	7 3	19 23	14 13
Nebraska§	1	0	2	10	5	_	0	2	8	6	1	0	2	11	2
North Dakota South Dakota	_	0 0	9 1	1 3	3	_	0 0	2 0	_	1	_	0 0	1	1 2	2 3
S. Atlantic	88	54	172	2,185	3,508	4	4	13	171	202	4	3	10	126	136
Delaware	3	12	37	612	594	_	0	1	2	4	1	0	1	2	1
District of Columbia Florida	4 7	2 1	11 8	126 70	102 21	3	0 1	1 4	1 41	2 46	_	0 1	3	46	53
Georgia Maryland [§]	1 38	0 18	3 136	18 711	8 1,985	_	1 0	5 3	45 15	35 51	1	0 0	2 4	14 12	19 19
North Carolina	2	0	8	27	39	_	0	7	23	17	1	0	4	12	15
South Carolina [§] Virginia [§]	2 31	0 12	4 68	18 569	24 678	1	0 1	2 7	9 35	5 41	1	0 0	3 2	19 18	13 14
West Virginia		0	9	34	57	_	0	0		1	_	ő	1	3	2
E.S. Central	—	1	5	38	44	_	0	3	13	28	_	1	6	39	41
Alabama [§] Kentucky	_	0 0	3 1	10 2	10 4	_	0 0	1	3 4	5 7	_	0 0	2 2	5 7	8 9
Mississippi	—	0	1	1	1	_	0	1	1	2		0	2	9	10
Tennessee§ W.S. Central	_	0 2	3 11	25 65	29 60	2	0 1	2 64	5 57	14 72	_	0 2	3 13	18 87	14 83
Arkansas§	_	0	1	2	1	_	Ó	1	_	—	_	0	2	7	9
Louisiana Oklahoma	_	0 0	1	1	2	_	0 0	1 4	2 2	14 5	_	0 0	3 5	19 12	24 15
Texas§	—	2	10	62	57	2	ĩ	60	53	53	_	1	7	49	35
Mountain	—	1	5	37	37	1	1	3	24	52	1	1	4	43	55
Arizona Colorado	_	0 0	1	5 5	_2	1	0 0	2 2	11 4	11 19	1	0 0	2 1	7 10	11 20
Idaho [§] Montana [§]	—	0 0	2 2	8 4	7 4	_	0 0	1 0	1	2 3	_	0 0	2 1	3 4	4 1
Nevada§	_	0	2	4 9	10	_	0	3	4	2	_	0	2	4 6	4
New Mexico [§] Utah	—	0 0	2 1	4	5 6	—	0 0	1 1	2 2	4 11	_	0 0	1 2	7 4	2 11
Wyoming§	_	0	1	2	3	_	0	0	_		_	ő	1	2	2
Pacific	5	4	10	188	66	4	3	9	119	130	3	4	17	204	197
Alaska California	3	0 3	2 8	5 137	5 56	3	0 2	2 8	4 88	2 91	2	0 3	2 17	3 145	1 145
Hawaii	N	0	0	N	N		0	1	2	2	—	0	2	4	8
Oregon [§] Washington	1	0 0	5 7	37 9	4 1	1	0 0	2 3	4 21	13 22	1	1 0	3 5	28 24	25 18
American Samoa C.N.M.I.	N	0		<u>N</u>	<u>N</u>	_	0	0	_	_	_	0	0	_	_
Guam Puerto Rico	N	0 0	0 0	N	N	_	0 0	1 1	1	1 3	_	0 0	0 1	3	6
U.S. Virgin Islands	N	0	0	N	N	_	0	0	_	_	_	0	0	_	_

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not notifia * Incidence data for reporting year 2008 are provisional.

-: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

* Data for meningoccal disease, invasive caused by serogroups A, C, Y, & W-135; serogroup B; other serogroup; and unknown serogroup are available in Table I. * Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

(39th week)*			Pertussis	 i			Ba	bies, anir	nal		R	ocky Mo	untain spo	tted feve	 er
		Prev						/ious					ious		
	Current .	52 w	eeks	Cum	Cum	Current	52 w	eeks	Cum	Cum	Current	52 w	eeks	Cum	Cum
Reporting area	week	Med	Max	2008	2007	week	Med	Max	2008	2007	week	Med	Max	2008	2007
United States	114	149	849	5,903	7,265	32	87	153	3,189	4,757	29	29	195	1,611	1,647
New England Connecticut	_	16 0	49 3	502	1,122 70	_2	7 4	20 17	277 152	421 175	_	0	1 0	_2	7
Maine [†]	—	0	5	25	65	_	1	5	37	66	Ν	Ō	0	Ν	Ν
Massachusetts New Hampshire	_	13 0	33 4	420 27	882 66	N	0 1	0 3	N 31	N 43	_	0	1	1 1	7
Rhode Island [†]	—	0	25	19	12	N	0	0	Ν	N	—	0	0	—	_
Vermont [†] Mid. Atlantic	 15	0 21	6 43	11 687	27 952	2 13	2 19	6 32	57 798	137 788	_	0 1	0 5	 53	67
New Jersey	—	0	9	4	168	—	0	0	_	_	_	0	2	2	24
New York (Upstate) New York City	9	6 2	24 7	326 46	454 98	13	9 0	20 2	394 13	399 35	_	0	3 2	15 18	6 23
Pennsylvania	6	9	23	311	232	—	9	23	391	354	_	Ō	2	18	14
E.N. Central Illinois	26	19 3	189 9	944 123	1,273 141	2 1	5 1	28 21	208 88	363 106	1	1	11 8	98 63	50 31
Indiana	2	0	12	47	47	_	0	2	7	10	_	Ó	3	8	5
Michigan Ohio	10 14	4 6	16 176	174 546	241 556	1	1	8 7	62 51	185 62	1	0	1 4	3 24	3 10
Wisconsin	_	2	8	54	288	Ν	0	0	N	N	_	0	0	_	1
W.N. Central Iowa	3	12 1	142 9	513 64	493 124	_	4 0	13 3	141 16	223 26	3	4 0	33 2	369 6	330 15
Kansas	_	1	5	32	85	_	0	7	_	97	_	0	1	_	12
Minnesota Missouri	_	1 3	131 18	156 171	111 69	_	0 0	10 9	45 44	22 38	_	0 3	4 33	341	1 284
Nebraska [†]	3	1	12	74	41	_	Ō	0	_	—	3	0	4	19	13
North Dakota South Dakota	_	0 0	5 3	1 15	7 56	_	0 0	8 2	24 12	20 20	_	0 0	0 1	3	5
S. Atlantic	6	14	50	605	728	10	34	94	1,392	1,720	23	9	66	600	780
Delaware District of Columbia	_	0 0	3 1	11 5	10 8	_	0 0	0 0	_	_	_	0	3 2	25 7	16 3
Florida	6	3	20	215	181	—	0 7	77	100	128	_	0	3	13	12
Georgia Maryland [†]	_	1 1	6 8	55 50	30 86	_	0	42 13	288 101	225 331	_2	1 1	8 5	51 40	56 50
North Carolina South Carolina [†]	_	0 2	38 22	79 85	227 61	9	9 0	16 0	362	382 46	18	0 0	55 5	309 32	491 57
Virginia [†]	_	2	8	101	98	_	12	27	471	557	3	1	15	120	90
West Virginia	_	0	2	4	27	1	1	11	70	51	_	0	1	3	5
E.S. Central Alabama [†]	1	6 1	13 6	215 30	378 80	_	2 0	7 0	85	131		4 1	22 8	241 71	226 69
Kentucky Mississippi	1	1 2	8 9	55 71	22 207	_	0 0	4 1	35 2	18 2	_	0 0	1 3	1 6	5 16
Tennessee [†]	_	1	6	59	69	_	1	6	48	111	2	2	18	163	136
W.S. Central	26	20	198	991	824	1	2	40	79	849	—	2	153	217	153
Arkansas [†] Louisiana	_	1 1	11 5	46 51	144 16	1	1 0	6 0	45	24 6	_	0 0	14 1	44 3	73 4
Oklahoma Texas [†]	26	0 17	26 179	32 862	5 659	_	0 0	32 34	32 2	45 774	_	0	132 8	142 28	45 31
Mountain	3	17	37	596	815	_	1	5	61	73	_	0	3	27	31
Arizona Colorado	1	3 4	10 13	140 116	179 233	N	0 0	0	N	N	_	0	2	10 1	7 3
Idaho†		0	4	22	37	_	0	1	_	9	_	0	1	1	4
Montana† Nevada†	_	1 0	11 7	74 24	35 34	_	0 0	2 2	8 7	15 10	_	0	1	3 1	1
New Mexico [†]	_	0	5	30	59	_	0	3	24	10	_	0	1	2	4
Utah Wyoming [†]	_	6 0	27 2	177 13	218 20	_	0 0	3 3	7 15	12 17	_	0 0	0 2	9	12
Pacific	34	20	303	850	680	4	4	12	148	189	_	0	1	4	3
Alaska California	17	2 7	29 129	140 257	44 358	4	0 3	4 12	12 129	37 143	N	0	0 1	N 1	N 1
Hawaii	_	0	2	9	18	—	0	0	_	_	N	Ō	0	Ň	Ν
Oregon [†] Washington	4 13	3 6	8 169	137 307	92 168	_	0 0	1 0	7	9	N	0 0	1 0	3 N	2 N
American Samoa	_	0	0	_	_	N	0	0	N	Ν	N	0	0	N	N
C.N.M.I. Guam	_	0	0	_	_	_	0	0	_	_	N	0	0	N	N
Puerto Rico	—	0	0	_	—	_	1	5	50	44	N	0	0	Ν	Ν
U.S. Virgin Islands		0	0	_	_	N	0	0	N	N	N	0	0	N	N

 C.N.M.I.: Commonwealth of Northern Mariana Islands.
 U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date cont * Incidence data for reporting year 2008 are provisional.
 † Contains data reported through the National Electronic Disease Surveillance System (NEDSS). Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

(39th week)"	Salmonellosis					Shig	a toxin-p	roducing	E. coli (ST	EC)†		5	Shigellosi	s	
			/ious					/ious					vious		
Reporting area	Current week	52 w	veeks Max	Cum 2008	Cum 2007	Current week	52 w	veeks Max	Cum 2008	Cum 2007	Current week	52 w	eeks Max	Cum 2008	Cum 2007
United States	742	847	2,110	31,700	33,838	69	81	247	3,506	3,584	255	402	1,227	13,702	12,597
New England Connecticut	5	23 0	414 384	1,487 384	1,911 431	1	3 0	39 36	176 36	252 71	_	3 0	28 27	139 27	211 44
Maine§	1	2	14	110	96	_	0	3	14	32	_	0	6	18	14
Massachusetts New Hampshire	_	15 2	52 10	741 106	1,116 138	_	2 0	11 5	80 23	109 24	_	2 0	5 1	78 3	138 5
Rhode Island [§] Vermont [§]	3 1	2 1	13 7	77 69	65 65	1	0 0	3 3	8 15	7 9	_	0 0	9 1	10 3	7 3
Mid. Atlantic New Jersey	77	98 14	164 30	3,757 456	4,681 1,006	5	7 1	192 5	515 24	403 97	11	33 7	93 36	1,687 521	588 132
New York (Upstate)	39	25	73	1,032	1,115	5	3	188	362	149	10	8	35	480	109
New York City Pennsylvania	11 27	23 30	49 77	968 1,301	1,026 1,534	_	0 2	5 9	40 89	43 114	1	11 3	35 65	552 134	204 143
E.N. Central Illinois	61	85 20	172 63	3,425 760	4,673 1,621	7	10 1	39 6	498 57	538 102	76	70 19	145 37	2,592 579	2,074 475
Indiana	23	9	53	463	508	_	1	13	48	57	14	11 2	83	528	81
Michigan Ohio	2 34	17 25	36 65	674 989	742 1,023	5	2	16 17	114 155	79 128	51	21	7 76	80 1,162	58 948
Wisconsin W.N. Central	2 28	15 50	36 123	539 2,067	779 2,117	2 2	3 12	17 57	124 605	172 579	11 2	8 19	39 39	243 673	512 1,496
lowa Kansas	 12	8 7	16 22	324 327	368 309	1	2	20 4	157 33	138 41	2	3	11 4	119 33	72 22
Minnesota	_	13	70	552	506	_	3	21	139	171	—	4	25	236	178
Missouri Nebraska [§]	9	14 5	33 13	528 188	564 200	1	3 2	9 28	116 122	111 71	_	6 0	29 2	169 5	1,086 20
North Dakota South Dakota	7	0 2	35 11	35 113	33 137	_	0 1	20 4	2 36	7 40	_	0 1	15 9	35 76	3 115
S. Atlantic Delaware	342 2	263 3	444 9	8,284 125	8,458 120	15	13 0	50 1	593 11	525 13	44	67 0	149 1	2,304 7	3,419 10
District of Columbia	—	1	4	41	44	1	0	1	9	_	—	0	3	13	15
Florida Georgia	165 61	102 38	181 86	3,564 1,583	3,207 1,411	4 1	2 1	18 7	127 72	104 76	14 12	18 26	75 50	649 846	1,805 1,180
Maryland [§] North Carolina	19 60	11 20	30 228	472 905	695 1,140	4	1 1	9 14	77 71	65 114	1 5	1 2	5 27	49 147	87 67
South Carolina [§] Virginia [§]	7 28	22 20	55 49	743 738	802 894	5	0 3	4 25	32 173	8 130	4 8	9 4	32 13	439 143	105 143
West Virginia	_	3	25	113	145	—	0	3	21	15	—	0	61	11	7
E.S. Central Alabama [§]	48 5	60 16	132 46	2,415 671	2,454 676	3	5 1	21 17	207 50	239 58	30	41 10	178 43	1,421 325	1,503 480
Kentucky Mississippi	16 10	9 18	21 54	344 808	425 742	2	1 0	12 2	67 5	81 6	8	6 8	35 112	224 274	325 553
Tennessee§	17	16	35	592	611	1	2	7	85	94	22	15	32	598	145
W.S. Central Arkansas [§]	42 13	103 13	894 47	3,926 590	3,373 546	_	5 1	25 4	167 37	198 32	43 10	72 7	748 27	2,999 429	1,503 65
Louisiana Oklahoma	2 27	18 16	46 72	703 605	671 429	_	0 0	1 14	2 23	8 15	6	11 3	25 32	469 118	406 94
Texas [§] Mountain	 29	51 59	794 113	2,028 2,403	1,727 2,003	— 11	3 9	11 23	105 404	143 460	27 15	51 18	702 42	1,983 698	938 700
Arizona	16	20	42	799	704	5	1	8	60	88	10	9	30	364	398
Colorado Idaho [§]	9 3	11 3	43 14	546 132	456 98	5 1	2 2	10 12	116 91	127 103	4 1	2 0	9 1	86 11	93 9
Montana [§] Nevada [§]	_	2 3	10 14	82 155	73 197	_	0 0	3 4	27 19	22	_	0 3	1 13	6 134	20 44
New Mexico [§] Utah	_	7 6	32 17	419 237	221 196	_	1	6 6	42 45	35 70	_	1	7 5	67 27	83 22
Wyoming§	1	1	5	33	58	—	0	2	4	15	—	0	2	3	31
Pacific Alaska	110 1	111 1	399 4	3,936 42	4,168 70	25	8 0	35 1	341 6	390 3	34	30 0	79 0	1,189	1,103 8
California Hawaii	66 5	78 6	286 15	2,853 205	3,159 211	7	5 0	22 5	168 11	202 26	22	27 1	73 3	1,021 34	888 64
Oregon [§] Washington	4 34	6 12	19 103	330 506	250 478	 18	1 2	8 11	53 103	64 95	1 11	1	7 20	62 72	59 84
American Samoa		0	103	506 2	4/0		2	0		90	—	2	20	1	84 4
C.N.M.I. Guam	_	0	2		 13	_	0	0	_	_	_	0	3	14	14
Puerto Rico	—	11 0	41	357	683	—	0	1	2	1	—	0	4 0	16	21
U.S. Virgin Islands	_	0	0	_			0	0				0	0		

C.N.M.I.: Commonwealth of Northern Mariana Islands.

 U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Met * Incidence data for reporting year 2008 are provisional.
 † Includes *E. coli* O157:H7; Shiga toxin-positive, serogroup non-O157; and Shiga toxin-positive, not serogrouped.
 § Contains data reported through the National Electronic Disease Surveillance System (NEDSS). -: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

	Si	treptococcal	diseases, in	/asive, group	A	Streptococcu	s pneumonia	ae, invasive d Age <5 years		rug resistar
		Prev	/ious					/ious		
Reporting area	Current . week	52 w	veeks Max	- Cum 2008	Cum 2007	Current week	Med	veeks Max	- Cum 2008	Cum 2007
United States	57	94	259	4,030	4,178	19	36	166	1,138	1,270
New England	_	6	31	299	322	_	2	14	55	96
Connecticut Naine§	_	0 0	26 3	90 22	95 22	_	0 0	11 1	1	12 2
lassachusetts	—	3	8	138	161	—	1	5	39	64
lew Hampshire Rhode Island [§]	_	0 0	2 9	20 17	24 5		0	1 2	7 7	8 8
/ermont [§]	—	Ő	2	12	15	_	Ő	1	1	2
lid. Atlantic	6	18	43	833	781	2	4	19	142	214
lew Jersey Iew York (Upstate)	4	3 6	11 17	133 276	140 242	2	1 2	6 14	28 73	43 75
lew York City	_	3	10	150	185	_	1	12	41	96
Pennsylvania	2	6	16	274	214	N	0	0	N	N
.N. Central linois	9	19 5	42 16	782 206	811 244		6 1	23 6	207 46	225 56
ndiana	1	2	11	112	98	_	ò	14	29	14
lichigan	3	3	10	138	169		1	5	54	60
)hio Visconsin	5	5 2	14 10	224 102	192 108	3 1	1 1	5 3	46 32	48 47
V.N. Central	1	5	39	308	276	1	2	16	102	67
owa	_	0	0	_	_	_	0	0	_	—
ansas linnesota	1	0 0	5 35	34 144	28 131	_	0 0	3 13	14 41	38
lissouri	_	1	10	70	74	_	1	2	28	18
ebraska§	_	0	3 5	31	21	—	0 0	3	7 5	10
orth Dakota outh Dakota	_	0 0	5 2	10 19	14 8	1	0	2 1	5 7	1
. Atlantic	25	18	34	754	1,004	4	6	13	170	230
elaware	—	0	2	6	9	_	0	0	_	—
istrict of Columbia Iorida	3	0 5	4 11	23 202	16 240	2	0 1	1 4	1 47	2 49
leorgia	12	4	13	188	193	_	1	5	49	51
Iaryland§ Iorth Carolina	2 7	1 2	6 10	27 117	171 139	N	0 0	4 0	5 N	50 N
South Carolina [§]		1	5	54	87	2	1	4	38	36
/irginia [§]	1	3 0	12	110	127	_	0 0	6	25	35
Vest Virginia . .S. Central	5	4	3 9	27 142	22 171	1	2	1 11	5 71	7 75
Alabama [§]	ь N	4	9	142 N	N	N N	2	0	N	75 N
Kentucky	1	1	3	33	32	N	0	0	N	N
/lississippi ennessee§	N 4	0 3	0 7	N 109	N 139	1	0 1	3 9	16 55	5 70
V.S. Central	4	8	85	362	251	4	5	66	198	177
krkansas [§]	1	0	2	5	17	_	0	2	5	11
ouisiana)klahoma	- 1	0 2	2 19	11 92	14 58	- 1	0 1	2 7	10 52	30 37
exas§	2	6	65	254	162	3	3	58	131	99
lountain	4	11	22	433	452	3	5	12	180	173
rizona colorado	1 3	3 2	9 8	156 122	173 113	2 1	2 1	8 4	91 51	86 35
laho [§]	_	0	2 0	11	15	—	0	1	3	2
Iontana§	N	0		N	N		0	1	4	1
levada [§] Iew Mexico [§]	_	0 2	2 8	8 84	2 76	<u>N</u>	0 0	0 3	N 15	N 28
Itah	—	1	5	46	68	_	0	3	15	21
/yoming§		0	2	6	5	—	0	1	1	
'acific Ilaska	3 1	3 0	10 4	117 31	110 20	N	0 0	2 0	13 N	13 N
California	_	0	0	—	—	N	0	0	N	N
lawaii	2	2	10	86	90		0	2	13	13 N
)regon§ Vashington	N N	0 0	0 0	N N	N N	N N	0 0	0 0	N N	N N
merican Samoa		0	12	30	4	N	0	0	N	N
C.N.M.I.	—	_	_	—	_	_	—	—	_	—
duam Puerto Rico	N	0 0	1 0	N	13 N	N	0 0	0 0	N	N
LS Virgin Islands		0	0			N	0	0	N	N

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U.S. Virgin Islands

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C.N.M.I. Commonwealth of Northern Martana Islands.
 U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.
 * Incidence data for reporting year 2008 are provisional.
 † Includes cases of invasive pneumococcal disease, in children aged <5 years, caused by *S. pneumoniae*, which is susceptible or for which susceptibility testing is not available (NNDSS event code 11717).
 § Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

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(39th week)*	Streptococcus pneumoniae, invasive disease, drug resistant [†]																
			All ages	;			A	ge <5 yea	irs		Syphilis, primary and secondary						
	Previous Current 52 weeks				Previous 52 weeks				50		vious weeks cum						
Reporting area	Current . week	Med	Max	- Cum 2008	Cum 2007	Current . week	Med	Max	. Cum 2008	Cum 2007	Current . week	Med	Max	. Cum 2008	Cum 2007		
United States	14	57	307	2,142	2,273	2	9	43	315	377	121	233	351	8,611	8,174		
New England	—	1	49	50	99	_	0	8	8	12	8	6	14	224	196		
Connecticut Maine [§]	_	0 0	44 2	7 15	55 10	_	0 0	7 1	2	4 1	1	0 0	6 2	23 10	25 8		
Massachusetts New Hampshire	_	0 0	0 0	_	_2	_	0 0	0 0	_	_2	4 2	4 0	11 2	159 14	115 23		
Rhode Island [§] Vermont [§]	_	0 0	3 2	16 12	18 14	_	0 0	1 1	4 2	3 2	1	0	5 5	13 5	23 2		
Mid. Atlantic	3	4	13	192	131	_	0	2	2 19	23	42	31	51	5 1,291	1,170		
New Jersey New York (Upstate)	1	0 1	0 6	51	47	_	0	0 2	6	9	6 4	4 3	10 13	162 103	157 105		
New York City	_	0	5	57	_	_	0	0	_	_	30	19	37	826	698		
Pennsylvania E.N. Central	2 1	2 14	9 64	84 552	84 586	1	0 2	2 14	13 78	14 84	2 13	5 18	12 31	200 704	210 665		
Illinois	_	1	17	71	129	_	0	6	14	28	—	5	19	164	347		
Indiana Michigan	_	3 0	39 3	164 13	126 2	_	0 0	11 1	19 2	19 1	1 1	2 2	10 17	106 154	38 86		
Ohio Wisconsin	1	8 0	17 0	304	329	1	1 0	4 0	43	36	11	5 1	13 4	243 37	147 47		
W.N. Central	_	3	115	132	153	_	0	9	8	30	_	8	15	288	263		
lowa Kansas	_	0 1	0 5	 57	 74	_	0 0	0 1	3	7	_	0 0	2 5	12 24	13 15		
Minnesota Missouri	_	0 1	114 8	70	20 46	_	0	9 1	2	19	_	1 5	5 10	71 173	48 176		
Nebraska§	_	0	0	_	2	_	0	0	—	_	_	0	2	8	4		
North Dakota South Dakota	_	0 0	0 2	5	11	_	0 0	0 1	3	4	_	0 0	1 0	_	7		
S. Atlantic Delaware	9	22 0	53 1	908 3	998 9	1	3 0	10 0	145	179	17	50 0	215 4	1,879	1,838		
District of Columbia	_	0	3	13	15	_	0	0	_	2 1	4	2	9	10 90	12 141		
Florida Georgia	6 3	13 7	30 22	534 284	555 361	1	2 1	6 5	97 41	98 70	4	20 10	34 175	730 348	616 335		
Maryland [§] North Carolina	N	0 0	0 0	N	1 N	N	0 0	0 0	 N	N	2 3	6 5	14 18	247 200	240 242		
South Carolina§	—	0	0	—	_	_	0	0	—	—	1	1	5	65	75		
Virginia [§] West Virginia	N	0 1	0 9	N 74	N 57	<u>N</u>	0 0	0 2	N 7	N 8	3	5 0	17 1	188 1	171 6		
E.S. Central Alabama [§]	1 N	6 0	15 0	219 N	192 N	 N	1 0	4 0	39 N	27 N	9	20 7	31 16	797 316	665 284		
Kentucky	_	1	6	62	21	_	0	2	10	2	2	1	7	64	42		
Mississippi Tennessee§	1	0 3	5 13	4 153	41 130	_	0 0	1 3	1 28	25	4 3	3 8	15 12	121 296	89 250		
W.S. Central Arkansas [§]	_	1 0	7 2	61 12	65 5	_	0	2 1	12 3	7 2	21	41 2	60 19	1,513 116	1,369 92		
Louisiana	_	1	7	49	60	_	0	2	9	5	1	10	22	358	372		
Oklahoma Texas [§]	<u>N</u>	0 0	0 0	<u>N</u>	<u>N</u>	<u>N</u>	0 0	0 0	N	<u>N</u>	20	1 24	5 47	54 985	50 855		
Mountain	_	1	7	26	46	_	0	2	4	12	2	10	29	319	353		
Arizona Colorado	_	0 0	0 0	_	_	_	0 0	0 0	_	_	2	5 2	21 7	145 78	187 38		
Idaho [§] Montana [§]	N	0 0	0 0	N	N	N	0 0	0 0	N	N	_	0 0	1 3	3	1		
Nevada [§] New Mexico [§]	<u>N</u>	0	0	N 2	N	N	0	0	Ν	N	—	2	6 4	58 32	81 30		
Utah	_	Ō	7	22	30	_	Ō	2	4	10	_	0	2	_	12		
Wyoming [§] Pacific	—	0 0	1	2 2	16 3	_	0 0	1	2	2 3	9	0 42	1 65	3 1,596	3 1,655		
Alaska	N	0	0	N	N	N	0	0	N	N	_	0	1	່ 1	6		
California Hawaii	N 	0 0	0 1	N 2	N 3	N	0 0	0 1	N 2	N 3	6	38 0	59 2	1,433 12	1,524 7		
Oregon [§] Washington	N N	0 0	0 0	N N	N N	N N	0 0	0 0	N N	N N	2 1	0 3	3 9	17 133	14 104		
American Samoa C.N.M.I.	N	0	0	N	<u>N</u>	N	0	0	<u>N</u>	<u>N</u>		0	0		4		
Guam Puerto Rico	_	0 0	0 0	_	_	_	0 0	0 0	_	_	_	0 3	0 10	116	117		
U.S. Virgin Islands	_	0	0	_	_	_	0	0	_	_		0	0				

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Max * Incidence data for reporting year 2008 are provisional. † Includes cases of invasive pneumococcal disease caused by drug-resistant *S. pneumoniae* (DRSP) (NNDSS event code 11720). § Contains data reported through the National Electronic Disease Surveillance System (NEDSS). Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

· · · ·							West Nile virus disease [†]										
		Varice	lla (chick	enpox)			Ne	uroinvas	ive			Nonneuroinvasive§					
			vious				Previous Current 52 weeks Cum Curr										
Reporting area	Current . week	52 w Med	eeks Max	. Cum 2008	Cum 2007	Current - week	Med	eeks Max	. Cum 2008	Cum 2007	Current . week	52 w Med	eeks Max	. Cum 2008	Cum 2007		
United States	268	658	1,660	19,987	29,430	3	1	73	421	1,120	1	3	73	505	2,298		
New England	14	13	68	412	1,866	_	0	2	3	4	_	0	1	2	6		
Connecticut Maine [¶]	_	0 0	38 26	_	1,081 238	_	0 0	2 0	3	1	_	0 0	1 0	_2	_2		
Massachusetts New Hampshire	4	0 6	1 18	1 197	263	_	0 0	2 0	—	3		0 0	0 0	—	3		
Rhode Island ¹	_	0	0	_		_	0	0	_	_	_	0	0	_	1		
Vermont [¶]	10	6	17	214	284		0	0		—		0	0	_	_		
Mid. Atlantic New Jersey	51 N	56 0	117 0	1,715 N	3,692 N	_	0 0	6 1	27 2	19 1	_	0 0	3 1	9 2	8		
New York (Upstate) New York Citv	N N	0 0	0 0	N N	N N	_	0 0	4 2	12 8	3 11	_	0 0	1 3	3 4	1 2		
Pennsylvania	51	56	117	1,715	3,692	_	0	2	5	4	_	0	0		5		
E.N. Central	67	163 13	378 63	4,789 716	8,285 850	_	0 0	11 4	22	99 54	_	0 0	4 4	12	57 32		
Illinois Indiana	_	0	222	_		_	0	2	3 2	13	_	0	4	7	10		
Michigan Ohio	21 45	64 55	154 128	2,005 1,719	3,076 3,520	_	0 0	2 3	5 10	16 11	_	0 0	1 2	2	9		
Wisconsin	1	7	38	349	839	_	0	2	2	5	_	õ	1	3	6		
W.N. Central Iowa	6 N	25 0	145 0	868 N	1,205 N	_	0 0	6 2	30 4	238 11	_	0 0	20 1	120 4	722 15		
Kansas	6	5	36	286	447	_	0	1	4	12	_	0	3	12	26		
Minnesota Missouri	_	0 12	0 51	514	690	_	0 0	2 3	3 4	43 55	_	0 0	6 1	18 4	56 14		
Nebraska [¶] North Dakota	Ν	0	0	N 48	N	_	0 0	1	2	20 49	_	0	5	20 38	137		
South Dakota	_	0	140 5	48 20	68	_	0	2 5	2 11	49 48	_	0	10 6	38 24	315 159		
S. Atlantic	55	94	167	3,390	3,975	_	0	3	9	40	_	0	3	7	37		
Delaware District of Columbia	_	1 0	6 3	39 18	36 26	_	0 0	0 0	_	1	_	0 0	1 0	1	_		
Florida Georgia	24 N	28 0	87 0	1,269 N	940 N	_	0 0	2 1	2 1	3 22	_	0 0	0 2	1	 25		
Maryland [®]	Ν	0	0	N	N	—	0	2	5	5	—	0	2	4	4		
North Carolina South Carolina [¶]	N 23	0 17	0 66	N 668	N 786	_	0 0	0 1	_	4 2	_	0 0	1 0	_	4 2		
Virginia [¶] West Virginia	8	21 15	81 66	847 549	1,317 870	_	0 0	0 1		3	_	0 0	1 0	1	2		
E.S. Central	5	18	101	911	402	_	0	10	46	65	_	0	10	71	82		
Alabama ¹ Kentucky	5 N	18 0	101 0	901 N	400 N	—	0	5 1	11	15 3	_	0	2	4	5		
Mississippi	_	0	2	10	2	_	0	6	30	43	_	0	9	61	73		
Tennessee [¶]	N	0	0	N	N	_	0	1	5	4	_	0	2	6	4		
W.S. Central Arkansas [¶]	46 1	182 11	886 38	6,395 469	7,961 597	_	0 0	14 2	47 8	228 12	_	0 0	10 1	43	128 6		
Louisiana Oklahoma	N	1 0	10 0	60 N	99 N	_	0 0	3 3	6 3	21 56	_	0 0	6 3	20 5	10 42		
Texas [¶]	45	166	852	5,866	7,265		Ő	10	30	139		õ	6	18	70		
Mountain Arizona	21	40 0	105 0	1,443	1,989	_	0 0	12 7	61 33	273 41	_	0 0	21 10	141 12	1,022 38		
Colorado	21	13	43	651	812	_	0	4	13	97	_	0	12	64	474		
Idaho [¶] Montana [¶]	N	0 5	0 27	N 223	N 301	_	0 0	1	_2	11 36	_	0 0	7 2	30 5	116 165		
Nevada ¹¹ New Mexico ¹¹	Ν	0 4	0 22	N 165	N 309	_	0	2 2	8 4	1 37	_	0	3 1	7	10 20		
Utah	_	10	55	394	543	_	0	1	4	27	_	0	3	15	41		
Wyoming [¶]	_	0	9	10	24	_	0	0		23	_	0	2	7	158		
Pacific Alaska	3 2	1 1	7 5	64 50	55 29	3	0 0	31 0	176	154	1	0 0	15 0	100	236		
California Hawaii	1	0 0	0	 14	26	3	0	31 0	176	147	1	0	15 0	96	218		
Oregon [¶]	Ň	0	0	N	N	—	0	0	—	7	—	0	2	4	18		
Washington	N	0 0	0 0	N N	N	_	0	0	_	_	_	0	0	_	_		
American Samoa C.N.M.I.		_	_	_	<u>N</u>	_	0		_	_	_	0	0	_	_		
Guam Puerto Rico	_	2 9	17 20	55 334	212 586	_	0 0	0 0	_	_	_	0 0	0 0	_	_		
U.S. Virgin Islands	_	0	0				0	0	_	_		0	0	_			

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* Incidence data for reporting year 2008 are provisional.

⁺ Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for California serogroup, eastern equine, Powassan, St. Louis, and western equine diseases are available in Table I.

⁹ Not notifiable in all states. Data from states where the condition is not notifiable are excluded from this table, except in 2007 for the domestic arboviral diseases and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/epo/dphsi/phs/infdis.htm.
¹ Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE III. Deaths in 122 U.S. cities,* week ending September 27, 2008 (39th week)

TABLE III. Deatris III	All causes, by age (years)						21, 2000			All causes, by age (years)						
Reporting area	All Ages					<1	P&I [†] Total	Reporting area	All Ages					<1	P&I [†] Total	
Reporting area New England Boston, MA Bridgeport, CT Cambridge, MA Fall River, MA Hartford, CT Lowell, MA Lynn, MA New Bedford, MA New Bedford, MA New Haven, CT Providence, RI Somerville, MA Springfield, MA Waterbury, CT Worcester, MA Mid. Atlantic Albany, NY Allentown, PA Buffalo, NY Camden, NJ Elizabeth, NJ Erie, PA Jersey City, NJ New York City, NY Newark, NJ Paterson, NI	Ages 439 124 34 14 23 43 21 7 7 21 U 46 1 28 24 53 1,884 50 31 78 23 1,884 50 31 78 23 16 26 26 U 95 840	≥65 299 72 21 12 18 31 16 4 15 U 38 1,293 36 28 46 10 19 U 673 18 8	45–64 93 31 10 2 2 8 4 3 5 U 7 - 9 9 3 9 9 3 9 9 3 99 6 1 1 2 6 6 1 2 206 13 5	25-44 26 10 3 - 2 3 1 - U 1 1 3 2 4 2 3 1 - U 1 - 1 3 2 3 - - - - - - - - - - - - -	9 3 1 1 U U 1 3 4 2 1 U U 12 1	1 7 3 	Total 40 13 4 3 1 3 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 </td <td>Reporting area S. Atlantic Atlanta, GA Baltimore, MD Charlotte, NC Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, DC. Wilmington, DC. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL Nashville, TN W.S. Central Austin, TX Baton Rouge, LA</td> <td>Ages 1,204 128 187 123 169 84 47 56 57 51 186 99 17 870 188 87 68 66 165 104 56 136 1,511 100 82</td> <td>≥65 718 777 94 102 577 258 40 311 117 555 111 553 1111 553 1111 553 111 553 111 553 111 553 111 553 929 94 63 42 85 929 964 50</td> <td>45–64 315 31 64 32 45 16 17 12 7 44 32 3 206 51 13 15 12 40 34 6 35 383 24 19 19</td> <td>25-44 89 13 12 6 1 8 2 8 12 6 1 8 2 8 14 4 1 58 10 4 6 10 4 10 10 10 10 10 10 10 10 10 10</td> <td>47 2 10 1 6 3 4 1 3 7 5 2 19 2 1 11 2 1 1 1 1 2 1 5</td> <td>1 3557142522243334142224226334</td> <td>Total 67 2 21 8 7 4 1 15 1 43 10 2 4 3 12 4 2 6 76 6 —</td>	Reporting area S. Atlantic Atlanta, GA Baltimore, MD Charlotte, NC Jacksonville, FL Miami, FL Norfolk, VA Richmond, VA Savannah, GA St. Petersburg, FL Tampa, FL Washington, DC. Wilmington, DC. Wilmington, DE E.S. Central Birmingham, AL Chattanooga, TN Knoxville, TN Lexington, KY Memphis, TN Mobile, AL Montgomery, AL Nashville, TN W.S. Central Austin, TX Baton Rouge, LA	Ages 1,204 128 187 123 169 84 47 56 57 51 186 99 17 870 188 87 68 66 165 104 56 136 1,511 100 82	≥65 718 777 94 102 577 258 40 311 117 555 111 553 1111 553 1111 553 111 553 111 553 111 553 111 553 929 94 63 42 85 929 964 50	45–64 315 31 64 32 45 16 17 12 7 44 32 3 206 51 13 15 12 40 34 6 35 383 24 19 19	25-44 89 13 12 6 1 8 2 8 12 6 1 8 2 8 14 4 1 58 10 4 6 10 4 10 10 10 10 10 10 10 10 10 10	47 2 10 1 6 3 4 1 3 7 5 2 19 2 1 11 2 1 1 1 1 2 1 5	1 3557142522243334142224226334	Total 67 2 21 8 7 4 1 15 1 43 10 2 4 3 12 4 2 6 76 6 —	
Paterson, NJ Philadelphia, PA Pittsburgh, PA [§] Reading, PA Rochester, NY Schenectady, NY Scranton, PA Syracuse, NY Trenton, NJ Utica, NY Yonkers, NY E.N. Central Akron, OH Caton, OH Chicago, IL Cincinnati, OH Chicago, IL Cincinnati, OH Cleveland, OH Columbus, OH Dayton, OH Detroit, MI Evansville, IN Fort Wayne, IN Gary, IN Grand Rapids, MI Indianapolis, IN Lansing, MI Milwaukee, WI Peoria, IL Rockford, IL South Bend, IN Toledo, OH Youngstown, OH W.N. Central Des Moines, IA Duluth, MN Kansas City, KS Kansas City, KS	$\begin{array}{c} 16\\ 252\\ 25\\ 20\\ 135\\ 18\\ 33\\ 102\\ 36\\ 8\\ 17\\ 1,677\\ 54\\ 319\\ 66\\ 1975\\ 175\\ 119\\ 122\\ 53\\ 60\\ 18\\ 59\\ 0\\ 122\\ 53\\ 60\\ 18\\ 59\\ 0\\ 122\\ 53\\ 80\\ 44\\ 676\\ 87\\ 26\\ 21\\ 85\\ \end{array}$	$\begin{array}{c} 8\\ 151\\ 14\\ 15\\ 99\\ 14\\ 25\\ 82\\ 24\\ 4\\ 11\\ 1,101\\ 35\\ 28\\ 182\\ 29\\ 142\\ 106\\ 75\\ 68\\ 39\\ 40\\ 0\\ 0\\ 9\\ 40\\ 0\\ 0\\ 35\\ 42\\ 29\\ 40\\ 64\\ 39\\ 439\\ 40\\ 64\\ 39\\ 439\\ 19\\ 14\\ 49\\ 19\\ 14\\ 49\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10$	5 58 7 4 24 3 5 14 8 4 5 371 10 4 8 333 48 31 12 14 4 14 8 331 12 14 4 14 12 200 8 14 14 14 12 200 8 14 14 14 14 14 14 12 200 8 14 14 14 14 14 14 14 14 14 14 12 200 8 15	2 28 3 1 8 1 1 3 3 1 15 3 16 4 3 12 9 12 3 1 2 U 1 7 1 4 2 4 4 2 6	191 2 2 2 1 52 15 2 4 4 3 5 2 1 2 U 1 1 1 1 4 2 4 2 26	6 2 1 40 41 435 55 16 223 00 1 1 2 17 1 5	2 12 1 8 2 3 9 3 94 1 5 19 5 14 2 8 6 2 2 4 U 2 1 3 3 3 4 84 4 1 1 7	Corpus Christi, TX Dallas, TX El Paso, TX Fort Worth, TX Houston, TX Little Rock, AR New Orleans, LA ¹¹ San Antonio, TX Shreveport, LA Tulsa, OK Mountain Albuquerque, NM Boise, ID Colorado Springs, CO Denver, CO Las Vegas, NV Ogden, UT Phoenix, AZ Pueblo, CO Salt Lake City, UT Tucson, AZ Pacific Berkeley, CA Fresno, CA Glendale, CA Honolulu, HI Long Beach, CA Los Angeles, CA Pasadena, CA Portland, OR Sacramento, CA San Diego, CA San Jose, CA San Jose, CA Sant Cruz, CA Seattle, WA	$egin{array}{c} 62\\ 183\\ 78\\ 128\\ 384\\ 75\\ 0\\ 224\\ 86\\ 109\\ 873\\ 109\\ 28\\ 52\\ 95\\ 217\\ 25\\ 132\\ 29\\ 86\\ 100\\ 1,545\\ 144\\ 26\\ 77\\ 64\\ 212\\ 19\\ 103\\ 157\\ 192\\ 94\\ 150\\ 31\\ 121\\ 69\\ \end{array}$	$\begin{array}{c} 31\\ 100\\ 58\\ 70\\ 228\\ 52\\ U\\ 137\\ 56\\ 83\\ 551\\ 73\\ 21\\ 322\\ 50\\ 143\\ 20\\ 70\\ 19\\ 56\\ 67\\ 1,050\\ 9\\ 82\\ 21\\ 130\\ 143\\ 200\\ 70\\ 19\\ 56\\ 67\\ 107\\ 131\\ 67\\ 107\\ 131\\ 67\\ 107\\ 131\\ 100\\ 200\\ 772\\ \end{array}$	20 53 16 38 101 18 10 56 19 19 21 52 24 54 2 39 7 16 22 330 24 50 31 24 54 54 22 330 24 50 310 24 54 54 22 330 24 50 310 24 54 54 22 330 24 50 310 24 50 310 24 50 310 210 310	6 22 3 11 3 3 U 19 9 5 8 80 - 6 7 11 - 16 3 8 7 9 2 4 - 3 2 21 1 2 4 13 6 3 1 8 6 8 7 9 2 4 - 3 2 21 1 2 4 12 4 3 2 21 1 2 4 12 4 12 4	44 3132U 622 52212625 32 45 4 225 2454523	1 4 1 6 11 U 6 4 1 2 3 1 2 3 2 9 1 1 3 6 1 1 3 4 3 1 1 2	$\begin{array}{c} 8\\7\\2\\4\\11\\12\\1\\5\\-\\4\\5\\13\\1\\6\\2\\10\\8\\13\\-\\6\\21\\1\\2\\12\\11\\8\\13\\1\\5\\8\end{array}$	
Lincoln, NE Minneapolis, MN Omaha, NE St. Louis, MO St. Paul, MN Wichita, KS	37 84 100 97 51 88	29 48 69 53 35 59	4 21 23 28 7 20	3 8 9 6 4	2 1 5 2 4	1 5 1 2 1	2 3 18 2 6 4	Tacoma, WA Total**	102 10,679	72 6,928	20 2,469	5 737	3 294	2 246	6 617	

U: Unavailable. -: No reported cases.

U: Unavailable. —:No reported cases. * Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of >100,000. A death is reported by the place of its occur-rence and by the week that the death certificate was filed. Fetal deaths are not included. [†] Pneumonia and influenza. [§] Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks. [¶] Because of Hurricane Katrina, weekly reporting of deaths has been temporarily disrupted. ** Total includes unknown ages.

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