

Weekly

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Prevalence of Regular Physical Activity Among Adults — United States, 2001 and 2005

Regular physical activity is associated with decreased risk for obesity, heart disease, hypertension, diabetes, certain cancers, and premature mortality (1). CDC and the American College of Sports Medicine recommend that adults engage in at least 30 minutes of moderate physical activity on most days and preferably on all days (2). Healthy People 2010 objectives include increasing the proportion of adults who engage regularly in moderate or vigorous activity to at least 50% (objective 22-2). In addition, reducing racial and ethnic health disparities, including disparities in physical activity, is an overarching national goal (3). To examine changes in the prevalence of regular, leisure-time, physical activity from 2001 to 2005, CDC analyzed data from the Behavioral Risk Factor Surveillance System (BRFSS). This report summarizes the results of that analysis, which indicated that, from 2001 to 2005, the prevalence of regular physical activity increased 8.6% among women overall (from 43.0% to 46.7%) and 3.5% among men (from 48.0% to 49.7%). In addition, the prevalence of regular physical activity increased 15.0% (from 31.4% to 36.1%) among non-Hispanic black women and 12.4% (from 40.3% to 45.3%) among non-Hispanic black men, slightly narrowing previous racial disparities when compared with increases of 7.8% (from 46.0% to 49.6%) for white women and 3.4% (from 50.6% to 52.3%) for white men, respectively. CDC, state and local public health agencies, and other public health partners should continue to implement evidence-based, culturally appropriate initiatives to further increase physical-activity levels among all adults, with special focus on eliminating racial/ethnic disparities.

BRFSS is a state-based, random-digit-dialed telephone survey of the noninstitutionalized, U.S. civilian population aged ≥ 18 years. Data for this report were reported by the 50 states, District of Columbia, Puerto Rico, and U.S. Virgin Islands. CDC collected data for the 2001 BRFSS survey from 205,140 respondents (median response rate*: 51.1%; median cooperation rate[†]: 52.7%) and the 2005 survey from 356,112 respondents (median response rate: 51.1%; median cooperation rate 75.1%) (4). Response rates were calculated using guidelines from the Council of American Survey and Research Organizations.

Beginning in 2001, BRFSS included biannual questions about participation in moderate and vigorous physical activities. To assess participation in moderate activities, respondents were asked if, when not working, they "do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate" in a usual week. Respondents who answered "yes" were asked how many days per week they engaged in moderate activities and the amount of time spent in activities on each of those days. To assess participation in vigorous activities, respondents were asked to report whether they "do vigorous activities for at least 10 minutes at a time, such as running, aerobics, heavy yard work, or anything else that causes large increases in breathing or heart rate" in a usual week, when not working. Respondents who answered "yes" were

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^{*} The percentage of persons who completed interviews among all eligible persons, including those who were not successfully contacted.

[†]The cooperation rate is the proportion of all respondents interviewed of all eligible units in which a respondent was selected and actually contacted.

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asked how many days per week they engaged in vigorous activities and the amount of time spent in activities on each of those days. For this report, respondents considered to be engaging in regular physical activity were those who met the *Healthy People 2010* objective of at least 30 minutes a day of moderate-intensity activity on 5 or more days a week, or at least 20 minutes a day of vigorous-intensity activity on 3 or more days a week, or both. Data were age adjusted to the 2000 U.S. standard population and weighted to provide overall estimates; 95% confidence intervals and p-values were calculated. Statistically significant changes in prevalence from 2001 to 2005 were determined by *t*-test (p<0.05).

From 2001 to 2005, the prevalence of regular physical activity (Table) increased by 8.6% (from 43.0% to 46.7%) among women overall and by 3.5% (from 48.0% to 49.7%) among men. Among women, significant increases in regular activity were observed in all racial/ethnic, age, and education-level categories examined with the exception of women aged 18–24 years. Among men, significant increases in regular physical activity were observed among respondents aged 45–64 years, non-Hispanic whites, non-Hispanic blacks, high school graduates, and college graduates.

Among racial/ethnic groups, significant increases in the prevalence of regular physical activity from 2001 to 2005 were observed among non-Hispanic black women (15.0%, from 31.4% to 36.1%), non-Hispanic black men (12.4%, from 40.3% to 45.3%), Hispanic women (11.6%, from 36.3% to 40.5%), women of other races (13.1%, from 41.2% to 46.6%), non-Hispanic white women (7.8%, from 46.0% to 49.6%), and non-Hispanic white men (3.4%, from 50.6% to 52.3%) (Table).

Despite certain gains, racial/ethnic disparities in physical activity remained evident in the 2005 survey results. Among men, non-Hispanic whites had the highest prevalence of regular physical activity (52.3%), followed by men classified as of other race (45.7%), non-Hispanic blacks (45.3%), and Hispanics (41.9%). Among women, non-Hispanic whites had the highest prevalence of regular physical activity (49.6%), followed by women classified as of other race (46.6%), Hispanics (40.5%), and non-Hispanic blacks (36.1%) (Table).

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Editorial Note: From 2001 to 2005, the prevalence of engaging in regular physical activity increased among both U.S. men and women. In 2005, 49.7% of men and 46.7%

			Mei	า				Wom	en	
		2001		2005	% change from 2001		2001		2005	% change from 2001
Characteristic	%	(95% Cl [†])	%	(95% CI)	to 2005	%	(95% CI)	%	(95% CI)	to 2005
Age group (yrs)										
18–24	60.5	(58.5-62.5)	62.0	(59.9-64.0)	2.5	50.6	(48.8–52.3)	52.7	(51.0–54.4)	4.2
25–34	51.4	(50.0-52.9)	51.5	(50.1–52.9)	0.2	47.7	(46.6–48.8)	50.5	(49.4–51.6)	5.9 [§]
35–44	47.8	(46.5-49.1)	49.6	(48.4–50.8)	3.8	46.2	(45.0-47.3)	49.7	(48.8–50.6)	7.6 [§]
45–64	43.3	(42.3–44.4)	46.5	(45.6–47.3)	7.4 [§]	40.6	(39.8–41.5)	45.5	(44.8-46.2)	12.1 [§]
<u>></u> 65	43.1	(41.6–44.6)	44.5	(43.4–45.6)	3.3	32.2	(31.2–33.2)	36.3	(35.5–37.1)	12.7 [§]
Race/Ethnicity										
White, non-Hispanic	50.6	(50.0-51.2)	52.3	(51.8–52.9)	3.4 [§]	46.0	(45.5–46.6)	49.6	(49.2-50.1)	7.8 [§]
Black, non-Hispanic	40.3	(38.3–42.4)	45.3	(43.3–47.3)	12.4 [§]	31.4	(30.0–32.9)	36.1	(34.8–37.5)	15.0 [§]
Hispanic	42.0	(39.4–44.6)	41.9	(39.8–44.0)	-0.2	36.3	(34.5–38.1)	40.5	(38.8–42.1)	11.6 [§]
Other race	43.1	(40.5–45.8)	45.7	(43.4–48.1)	6.0	41.2	(38.6–43.8)	46.6	(44.4–48.9)	13.1 [§]
Education level										
Less than high school										
graduate	35.8	(33.9–37.9)	37.2	(35.4–39.0)	3.9	34.2	(32.5-35.9)	37.1	(35.5–38.7)	8.5 [§]
High school graduate	46.0	(44.9-47.1)	47.9	(46.9-48.9)	4.1 [§]	40.3	(39.5-41.2)	43.2	(42.4-44.0)	7.2 [§]
Some college	50.3	(49.1–51.4)	50.3	(49.2-51.4)	0.0	44.3	(43.4-45.2)	47.9	(47.2-48.7)	8.1 [§]
College graduate	52.6	(51.5-53.7)	54.6	(53.6-55.6)	3.8 [§]	49.1	(48.1-50.1)	53.3	(52.5-54.1)	8.6 [§]
Total	48.0	(47.3–48.6)	49.7	(49.2–50.3)	3.5 [§]	43.0	(42.5–43.5)	46.7	(46.2–47.1)	8.6 [§]

* At least 30 minutes a day of moderate-intensity activity on 5 or more days a week, or at least 20 minutes a day of vigorous-intensity activity on 3 or more + days a week, or both.

Confidence interval.

⁹Statistically significant change (p<0.05 by *t*-test).

of women reported engaging in regular physical activity, with the largest increases reported among non-Hispanic black women and men. However, among racial/ethnic groups in 2005, only non-Hispanic white men (52.3%) had reached the *Healthy People 2010* target of 50% of adults engaging in regular physical activity, although non-Hispanic white women (49.6%) had nearly reached that target.

The findings in this report are consistent with previous BRFSS physical-activity analyses (5), including a decrease in leisure-time physical inactivity from 2001 to 2004 among men and women in all racial/ethnic groups (6). These BRFSS findings and those from the previous BRFSS reports suggest that U.S. adults are becoming more physically active. However, data from the National Health Interview Survey indicate that regular leisure-time physical activity among U.S. adults decreased among men and did not change significantly among women from 2000 and 2005 (7). Differences in format, period of recall, and activities assessed might explain the differences in results from the two surveys.

In addition to the racial/ethnic disparities, disparities in education also were observed. In 2001 and 2005, increasing education level was associated with increased prevalence of regular physical activity in both men and women. In 2005, 54.6% of men and 53.3% of women who were college graduates engaged in regular physical activity, compared with 37.2% of men and 37.1% of women with less than a high school education. Why persons with higher levels of education reported more physical activity is not clear.

The findings in this report are subject to at least four limitations. First, BRFSS data are self-reported and subject to recall bias. Second, the survey questions were not designed to assess whether a combination of moderate and vigorous physical activity met the requirement for engaging in regular physical activity when the two activity types measured separately did not; therefore, prevalences might have been underestimated. Third, the "other race" category combined multiple racial and ethnic groups. Although this approach increased the power of analysis by creating a larger group, analysis could not be extended to any individual groups included in this category. Finally, persons without landline telephones are not eligible for participation in the BRFSS and might be younger or of lower socioeconomic status (8); their exclusion might affect estimates of regular physical activity.

In 2005, fewer than half the adult U.S. population engaged in recommended levels of physical activity. To increase physical-activity levels in the United States, CDC encourages states to implement evidence-based intervention strategies such as those described in the *Guide to Community Preventive Services*.[§] Examples of recommended intervention strategies include communitywide campaigns, point-of-decision prompts, social support for physical activity, and enhanced access to places to be physically active combined with informational outreach. Certain communities have successfully implemented these strategies to increase physical-activity levels. For example, Marin County, California developed a multipronged approach to encourage children and parents to walk or bike to schools daily (9). As a result, participating schools reported an increase in trips made by walking (64%) and biking (114%).

Despite increases in prevalence of physical activity among minorities, racial/ethnic disparities persist. Many persons in racial/ethnic minority groups are at increased risk for heart disease, hypertension, and diabetes, all of which have been linked to low levels of physical activity (10). To help eliminate racial and ethnic disparities in health, CDC implemented REACH Across the United States (REACH US) as a national, multilevel program. REACH US communities have implemented culturally appropriate, community-based, physical-activity interventions, including free classes, walking clubs, and faith-based nutrition and activity programs. State and local public health agencies should consult the Community Guide to Preventive Services and successful REACH US communities for examples of culturally appropriate, evidence-based initiatives to further increase physical-activity levels among racial and ethnic minorities.

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Norovirus Outbreak Associated with III Food-Service Workers — Michigan, January–February 2006

On January 30, 2006, the Barry-Eaton District Health Department (BEDHD) in Michigan was notified of gastrointestinal illness in several members of two dining parties after a meal at an Eaton County restaurant on January 28. An investigation was initiated by BEDHD to identify the source and agent of infection and to determine the scope of illness among patrons and employees of this national chain restaurant. Norovirus genogroup I (GI) was detected in stool specimens submitted by multiple patrons and employees. The investigation revealed that several foodservice workers had been ill during January 19-February 3, 2006, and that a line cook had vomited in the restaurant on January 28, possibly increasing environmental contamination and transmission of virus. This report summarizes the findings of the outbreak investigation, which determined that at least 364 restaurant patrons had become ill. The findings underscore the need for 1) ongoing education of food-service workers regarding prevention of norovirus contamination and transmission; 2) enforcement of policies regarding ill and recently ill food-service workers; and 3) environmental decontamination with effective disinfectants to eliminate the presence of norovirus.

After learning of the outbreak on January 30, BEDHD launched an epidemiologic and environmental assessment. The restaurant was open for dinner on weekdays and lunch and dinner on weekends and served up to 800 persons daily with a staff of 32–50 employees. Initial investigation indicated that the index case was in an employee who worked as a server at the restaurant and became ill with symptoms of vomiting on or around January 19. Work records indicated that this employee did not work while ill. A second employee (a sibling to the server) became ill with abdominal cramps, diarrhea, and vomiting on January 21 and

[§]Available at http://www.thecommunityguide.org/pa.

worked on the first and second days of illness; this person's duties included bartending and administrative work. Seven patrons reported that they had eaten at the restaurant during January 21–27. On January 28, a line cook (line cook A) vomited at home (at approximately 6:00 a.m.) before reporting to work at 11:00 a.m., then vomited again into a waste bin beside the frontline workstation at approximately 2:00 p.m. while preparing antipasti platters, pizzas, and salads. After vomiting, line cook A remained on site (but off the cooking line) and left work at 4:15 p.m. This person also reported to work on January 29 from 11:00 a.m. to 4:30 p.m. while still experiencing loose stools.

BEDHD began case finding by obtaining names of patrons from credit card receipts, records of delivery and catering events, and records of dinner reservations; information on patrons without reservations or those who paid with cash was not available. Using Internet-based telephone directories, BEDHD contacted patrons who dined at or consumed food prepared by the restaurant during January 19–February 3. Many patrons contacted BEDHD as a result of the extensive media coverage. BEDHD staff members administered patron interviews by telephone; the interviews included questions about basic demographics, date and time of the restaurant meal, food history, and illness history. Restaurant employees were interviewed in person or by telephone and additionally asked about their work schedules for this period.

BEDHD conducted two studies: 1) a descriptive study to characterize ill persons and 2) an analytic study to determine whether certain foods were associated with illness. Because only a portion of restaurant patrons could be identified or contacted, a case-control methodology was used for the analytic study.

For the descriptive study, a case in a patron was defined as illness in a patron who had eaten food prepared at the restaurant during January 19–February 3 and who had become ill with vomiting or diarrhea within 10–50 hours (1) after eating the food. A case in an employee was defined as illness in an employee who was ill with vomiting or diarrhea during January 19–February 3, regardless of the incubation period. To determine whether any changes occurred in rates of illness among patrons based on the time the meal was eaten, attack rates were calculated in 3-hour intervals for January 28 and 29, by dividing the number of cases in patrons who dined during each time interval by the number of meals served for those periods.

For the analytic study, a case-patron was defined as a patron who had eaten food prepared at the restaurant during January 28–29 (the 2 days line cook A worked while symptomatic) and subsequently became ill with vomiting

or diarrhea 10–50 hours after eating; a control was a patron who had the same exposure but no gastrointestinal illness. Statistical software was used to perform the analysis. Chi-square and Fisher's exact tests were used in the case-control analysis.

Stool specimens, obtained from patrons and employees, were tested for norovirus RNA by reverse transcriptase– polymerase chain reaction (RT-PCR) and for bacterial pathogens at the Michigan Department of Community Health (MDCH). All positive RT-PCR specimens were genotyped by sequence analysis.

Descriptive Study

A total of 625 persons were interviewed by BEDHD: 584 patrons (113 were well), 32 employees, and nine additional persons who became ill after contact with a patron or employee in whom a case was identified. A total of 364 patrons of the 584 interviewed met the descriptive study case definition; the median age was 40 years (range: 1–92 years), 58.5% were female, 88.2% reported diarrhea, 71.7% reported vomiting, and the median duration of illness was 42 hours (range: 2–172 hours) (Table). Patron onset of illness peaked during 12:00 a.m.–3:59 a.m. on January 30 (Figure 1). The median time from a meal at the restaurant until onset of symptoms was 32 hours. The number of cases was already decreasing on January 30, when BEDHD was notified and interventions were implemented.

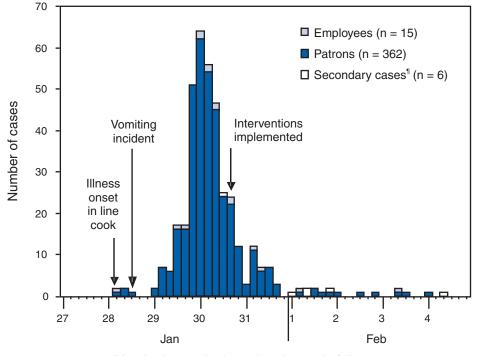
A total of 281 patrons in whom cases were identified had dined on January 28, resulting in an attack rate of 33.7%; on January 29, the attack rate was 13.5% (64 cases divided by 475 meals). Analysis of patron illness based on date and time that the meal was eaten demonstrated that norovirus transmission was occurring in the restaurant before the vomiting incident on January 28 (Figure 2). The attack rate was highest for patrons who ate during 5:00 p.m.– 7:59 p.m. on January 28. Transmission continued through the next day.

TABLE. Selected characteristics of patrons (n = 364) who became ill in a norovirus outbreak associated with a restaurant — Eaton County, Michigan, January 28–February 4, 2006

Characteristic	Ме	asure
Median age (yrs) (range)	40	(1–92)
No. female (%)	213	(58.5)
No. who reported diarrhea (%)	321	(88.2)
No. who reported bloody diarrhea (%)	7	(1.9)
No. who reported vomiting (%)	261	(71.7)
Median incubation period (hrs) (range)	32	(10–50)
Median duration of illness (hrs) (range)	42	(2–172)
No. who sought medical attention (%)*	30	(8.2)
No. who visited a hospital emergency department (%)	6	(1.6)

* Includes persons who visited a hospital emergency department.

FIGURE 1. Number of cases of norovirus illness among patrons and employees* of a restaurant,[†] by 4-hour time interval[§] of illness onset — Eaton County, Michigan, January 28–February 4, 2006



Month, day, and 4-hour time interval of illness onset

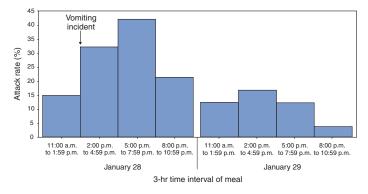
* Cases among patrons defined as illness with vomiting or diarrhea, with an incubation period of 10– 50 hours. Cases among employees defined as illness with vomiting or diarrhea during January 19– _February 3, regardless of incubation period.

The first two employees in whom cases were identified (onset dates January 19 and 21) and the sfirst two patrons in whom cases were identified (onset dates January 23) are not included.

⁹ Time intervals: 1) 12:00 a.m. to 3:59 a.m.; 2) 4:00 a.m. to 7:59 a.m.; 3) 8:00 a.m. to 11:59 a.m.; 4) 12:00 p.m. to 3:59 p.m.; 5) 4:00 p.m. to 7:59 p.m.; and 6) 8:00 p.m. to 11:59 p.m.

¹Cases in persons who had not eaten at the restaurant but became ill after contact with a patron or employee in whom a case was identified.

FIGURE 2. Attack rate among patrons* who ate at a restaurant implicated in a norovirus outbreak, by 3-hour time interval of eating a meal at the restaurant — Eaton County, Michigan, January 28 and January 29, 2006



 $^{*}N = 345$. Attack rate calculated by dividing the number of cases in patrons by number of meals served.

Of the 32 employees interviewed, cases were identified in 17 (53.1%). Seven (41.2%) of these 17 employees had worked while ill during January 21–30. Twelve employees (other than line cook A) worked on January 28 and subsequently became ill. Five (62.5%) of the eight line cooks who worked on January 28 became ill on or after January 28, compared with six (28.6%) of 21 servers.

Analytic Study

In the case-control study of patrons from the period January 28-29, a total of 45 were classified as casepatrons, and 91 were classified as controls. Two foods were found to have a statistically significant association with illness: the antipasti platter (odds ratio [OR] = 2.96; 95% confidence interval [CI] = 1.08-8.14) and garlic mashed potatoes (OR = 4.05; CI = 1.37 - 11.99). Eighteen patrons (10 who were ill and eight who were well) reported eating the antipasti platter. Sixteen patrons (10 ill and six well) reported eating the garlic mashed potatoes.

Nine persons who had not eaten or worked at the restaurant became ill after contact with either a case-patron

or case-employee (i.e., household or work contacts). Eight of these nine persons had symptoms of vomiting or diarrhea with illness onset during January 30–February 7.

All 14 stool specimens tested by RT-PCR were positive for norovirus GI. The companion bacterial samples tested negative. Results from the sequence analysis, using the degenerative primer set to produce a 213-bp amplicon of region B of the norovirus genome, demonstrated 100% sequence homology with the genotype GI/4 Chiba.

Environmental Assessment

The BEDHD environmental assessment of the restaurant identified deficiencies with employee hand-washing practices, cleaning and sanitizing of food and nonfood contact surfaces, temperature monitoring and maintenance of potentially hazardous food, and maintenance of hand-sink stations for easy accessibility and proper use. Three interventions were undertaken by the restaurant beginning January 30: 1) all food prepared during January 27-30 was discarded; 2) all ill employees were excluded from working for at least 72 hours after their symptoms had subsided; and 3) the facility was cleaned extensively. On February 3, BEDHD received reports of illness in three patrons who had dined at the restaurant on February 1, raising concern that residual contamination remained. Also on February 3, while reviewing the restaurant's clean-up procedures after the vomiting incident, BEDHD sanitarians discovered the restaurant had used a quaternary ammonium-based sanitizer that was ineffective against norovirus. BEDHD instructed the restaurant to disinfect according to MDCH and Michigan Department of Agriculture guidelines for environmental cleaning and disinfection of norovirus (2). The restaurant completed the disinfection with bleach solution before opening at 4:00 p.m. on February 3.

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Editorial Note: Norovirus can be transmitted person-toperson (via the fecal-oral route) and spread through contaminated airborne droplets, food, water, environmental surfaces, and fomites (3). In the outbreak described in this report, at least 364 restaurant patrons became ill with gastroenteritis after dining at a restaurant where employees had reported to work while ill. In a norovirus outbreak, a vomiting incident is a major risk factor for norovirus illness and can double the attack rate (4). In this outbreak, vomiting by a line cook at the work station might have contributed to transmission. Because of the open physical layout of the restaurant, no barrier impeded airborne spread of the virus from the kitchen to the main dining area. Attack rates increased after this incident, and among employees who worked on January 28, a higher percentage of line cooks became ill compared with servers. In addition, other environmental contamination probably contributed to transmission. Low-level transmission was occurring in the week before January 28; seven patrons who dined at the restaurant during January 21-27 met the case definition. During January 21-February 3, exposure to virus likely occurred by contact with contaminated surfaces and objects.

Foodborne transmission also might have contributed to the outbreak. The antipasti platter (a combination of calamari, bruschetta, and mozzarella cheese sticks with marinara sauce) was one of many dishes that line cook A prepared but the only item among those line cook A prepared that had a statistically significant association with illness. The other food that was linked with illness was the garlic mashed potatoes. However, only a small proportion of patrons ate either of these items.

Feline calicivirus, a proxy virus used for norovirus research, can persist in the environment for 21-28 days and is resistant to inactivation by certain cleaning agents (e.g., quaternary ammonium-based sanitizers) (5). In this outbreak, the restaurant's use of cleaning cloths soaked with a quaternary ammonium-based cleaning product likely was ineffective in disinfecting the restaurant (6).*

In 2006, MDCH received 144 reports of suspected or confirmed norovirus outbreaks throughout Michigan, compared with 34 in 2005 (MDCH, unpublished data, 2007). Norovirus genogroup II (GII) was identified in 97% of the 89 confirmed outbreaks in the state during 2006; GI was identified in the remaining 3% of the outbreaks. During 2000–2004, the predominant genogroup in calicivirus outbreaks in the United States was GII (79%), followed by GI (19%) and sapovirus (2%) (7). No other GI/4 outbreaks were detected in Michigan in 2006. In this outbreak, the detection of one norovirus genogroup (GI/4) in all stool specimens, including that of line cook A, suggests a single source of infection.

Approximately 50% of all norovirus outbreaks are linked to ill food-service workers (8). The Michigan Food Law of 2000,[†] which regulates Michigan food establishments, requires that food-establishment operators notify regulators when employees have infections with Salmonella, Shigella, Escherichia coli O157:H7 or hepatitis A. Food-service employees in Michigan also are obliged under the food law to inform their supervisors when they have symptoms of illness, such as diarrhea and vomiting. In October 2007, Michigan adopted several amendments to the Michigan Food Law of 2000, including the 2005 Food and Drug Administration Food Code.[§] The 2005 Food Code includes norovirus as one of several highly pathogenic organisms that can be easily spread by ill food handlers and provides disease-specific conditions for work exclusion, restriction, and reinstatement.

After the outbreak described in this report, BEDHD issued four recommendations (based on previously

^{*} The Environmental Protection Agency has approved the claims of effectiveness against norovirus of several antimicrobial disinfectants. Some of these products include quaternary ammonia-based disinfectants but are in combination with alcohols. These claims of effectiveness are based on in vitro studies that typically use a proxy virus (e.g., feline calicivirus); field effectiveness in the context of outbreaks has not been evaluated. A list of these products is available at http://www.epa.gov/oppad001/list_g_norovirus.pdf.

[†] Available at http://www.michigan.gov/mda/1,1607,7-125-1568_2387_2435---,00.html.

[§]Available at http://www.cfsan.fda.gov/~dms/fc05-toc.html.

published guidelines [9]) for infection control and environmental decontamination after any vomiting incident in a food-service establishment. First, any exposed food or single-service articles (e.g., drinking straws, takeout containers, and paper napkins) should be discarded, and all surface areas within at least a 25-foot radius of the vomiting site should be disinfected with a bleach solution (2). Second, ill employees should be excluded from work for at least 72 hours after symptoms subside, and employees returning after a gastrointestinal illness should be restricted from handling kitchenware or ready-to-eat food for an additional 72 hours. Third, because thorough disinfection might be necessary, partial or complete closure of the food establishment should be considered after a vomiting incident. Finally, restrooms used during or after a vomiting incident should be closed immediately until they are disinfected properly with bleach solution.

Acknowledgments

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Notice to Readers

National Influenza Vaccination Week — November 26–December 2, 2007

To help raise awareness regarding the importance of obtaining influenza vaccination throughout the entire influenza season, the U.S. Department of Health and Human Services, National Influenza Vaccine Summit, CDC, and other partners are conducting activities during the second annual National Influenza Vaccination Week (NIVW), November 26–December 2.

Influenza vaccination coverage in all groups recommended for vaccination remains suboptimal. Despite the timing of the peak of influenza disease, administration of vaccine decreases substantially after November. According to results from the National Health Interview Survey regarding the two most recent influenza seasons, approximately 84% of all influenza vaccinations were administered during September-November* (Figure). Among persons aged >65 years, the percentage of September-November vaccinations was even higher, at 92% (CDC, unpublished data, 2007). Because many persons recommended for vaccination remain unvaccinated at the end of November, CDC is encouraging public-health partners and health-care providers to conduct vaccination clinics and other activities that promote influenza vaccination during NIVW and throughout the remainder of the influenza season.

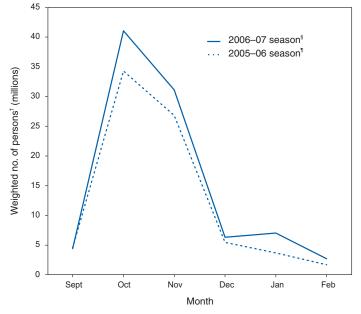
Each year, on average, approximately 15–60 million persons in the United States are infected with influenza virus; an estimated 200,000 persons are hospitalized from influenza complications, and an estimated 36,000 persons die from those complications (1). Influenza vaccination is the best way to prevent influenza and potentially severe complications. CDC recommends that anyone who wants to reduce their risk for influenza infection should be vaccinated every influenza season. Annual vaccination is particularly important for the following groups (1).

- persons at high risk for influenza-related complications and severe disease, including:
 - children aged 6-59 months,
 - pregnant women,

^{*} Respondents were asked two series of questions: "During the past 12 months, have you had a flu shot?" "A flu shot is usually given in the fall and protects against influenza for the flu season." "During what month and year did you receive your most recent flu shot?" and "During the past 12 months, have you had a flu vaccine sprayed in your nose by a doctor or other health professional?" "A health professional may have let you spray it." "This vaccine is usually given in the fall and protects against influenza for the flu season." "During what month and year did you receive your most recent flu nasal spray?" Additional information is available at http://www.cdc.gov/nchs/nhis.htm.

- persons aged ≥ 50 years,
- persons of any age with certain chronic medical conditions; and
- persons who live with or care for persons at high risk, including:
 - household contacts and caregivers of persons in the above groups,
 - household contacts and caregivers of children aged <6 months (these children also are at high risk for influenza-related complications but are too young to receive influenza vaccination), and
 - health-care workers.

FIGURE. Estimated number of persons reporting vaccination* for influenza, by month — National Health Interview Survey, United States, 2005-06 and 2006-07 influenza seasons



* Respondents were asked two series of questions: "During the past 12 months, have you had a flu shot?" "A flu shot is usually given in the fall and protects against influenza for the flu season." "During what month and year did you receive your most recent flu shot?" and "During the past 12 months, have you had a flu vaccine sprayed in your nose by a doctor or other health professional?" "A health professional may have let you spray it." "This vaccine is usually given in the fall and protects against influenza for the flu season." "During what month and year did you receive your most recent flu nasal spray?'

Estimates are based on 1-month sampling weights.

§Persons aged ≥6 months for whom month of influenza vaccination was reported in interviews conducted in March 2007. Persons aged ≥ 6 months for whom month of influenza vaccination was

reported in interviews conducted in March 2006.

SOURCE: 2006 National Health Interview Survey final data and 2007 National Health Interview Survey preliminary data. Estimates for the 2006-07 influenza season might change as more data become available. Estimates are based on household interviews of the civilian noninstitutionalized population. Additional information available at http://www.cdc.gov/nchs/ nhis.htm.

The time to receive influenza vaccination starts when vaccine becomes available in the local community and continues into January or later, when the influenza season typically peaks. Throughout NIVW, CDC will be highlighting the importance of influenza vaccination for persons at high risk, their close contacts, and all those who want to be protected from influenza. CDC, Families Fighting Flu, and other partners also have designated Tuesday, November 27, as Children's Flu Vaccination Day to put a special focus on the importance of vaccinating children at high risk and their close contacts.

NIVW posters and other influenza educational materials are available to download for local printing and distribution at http://www.cdc.gov/flu/professionals/flugallery. Other influenza-related tools and information for healthcare professionals and patients are available at http:// www.cdc.gov/flu.

Reference

1. CDC. Prevention and control of influenza: recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR 2007;56(No. RR-6).

Notice to Readers

Expansion of Use of Live Attenuated Influenza Vaccine (FluMist®) to Children Aged 2–4 Years and Other FluMist Changes for the 2007–08 Influenza Season

On September 19, 2007, MedImmune Vaccines (Gaithersburg, Maryland) received approval from the Food and Drug Administration (FDA) to expand the use of FluMist[®], a live, attenuated influenza vaccine (LAIV), to children aged 2-4 years (i.e., 24-49 months). FluMist is an intranasally administered influenza vaccine that was first licensed by the FDA in 2003 for healthy, nonpregnant persons aged 5-49 years (1). Expanding the age indications to include healthy children aged 2-4 years provides another influenza vaccination option for young children. In granting the new approval, FDA emphasized that FluMist is not approved for vaccination of children aged <2 years or adults aged >49 years, and that FluMist safety has not been established in persons with underlying medical conditions predisposing them to influenza-related complications (2). In addition, FluMist should not be administered to persons with asthma or children aged <5 years with recurrent wheezing (1,2).

New Recommendation for FluMist

In a randomized trial published in 2007, FluMist and trivalent inactivated vaccine (TIV) were compared among children aged 6–59 months (3). Children with medically diagnosed or treated wheezing within 42 days before enrollment, or a history of severe asthma, were excluded from this study. FluMist had a 55% (95% confidence interval [CI] = 45%–63%) greater efficacy compared with TIV in preventing culture-confirmed influenza illness.

In the trial, among children aged 6–23 months, wheezing that required bronchodilator therapy or that was associated with significant respiratory symptoms occurred in 5.9% of FluMist recipients, compared with 3.8% of those who received TIV (risk ratio [RR] = 1.5, CI = 1.2–2.1). Wheezing was not greater among children aged 24–59 months who received FluMist (*3*). In a previous randomized placebo-controlled safety trial among children aged 12 months–17 years, an elevated risk for asthma events (RR = 4.06, CI = 1.29–17.86) was noted among 728 children aged 18–35 months who received FluMist; of the 16 children with asthma-related events, none required hospitalization, and elevated risks for asthma were not observed in other age groups (*4*).

During 2006-2007, the Advisory Committee on Immunization Practices (ACIP) influenza vaccine workgroup reviewed data on the use of FluMist among children aged 2-4 years. On the basis of these data, expert opinion of the workgroup members, and consultation with representatives from the American Academy of Pediatrics and immunization safety experts, the workgroup revised recommendations for use of LAIV to include children aged 2-4 years, and presented its recommendations to ACIP. On October 24, 2007, ACIP recommended that either LAIV or TIV can be used to vaccinate healthy nonpregnant persons aged 2-49 years. For the purposes of this recommendation, healthy persons were defined as persons who do not have an underlying medical condition that predisposes them to influenza complications (5). ACIP also approved use of FluMist for healthy persons aged 2-18 years under the federal Vaccines for Children (VFC) program.

Although FDA licensure of FluMist excluded children aged 2–4 years with a history of asthma or recurrent wheezing, the precise risk, if any, of wheezing caused by FluMist among these children is unknown because experience with FluMist among these young children is limited. Young children might not have a history of recurrent wheezing if their exposure to respiratory viruses has been limited because of their age. Certain children might have a history of wheezing with respiratory illnesses but have not had asthma diagnosed. The ACIP influenza vaccine workgroup, with advice from consultants, developed the following screening recommendations to assist persons who administer influenza vaccines in providing the appropriate vaccine for children aged 2–4 years.

Clinicians and immunization programs should screen for possible reactive airways diseases when considering use of FluMist for children aged 2-4 years, and should avoid use of this vaccine in children with asthma or a recent wheezing episode. Health-care providers should consult the medical record, when available, to identify children aged 2-4 years with asthma or recurrent wheezing that might indicate asthma. In addition, to identify children who might be at greater risk for asthma and possibly at increased risk for wheezing after receiving LAIV, parents or caregivers of children aged 2-4 years should be asked: "In the past 12 months, has a health-care provider ever told you that your child had wheezing or asthma?" Children whose parents or caregivers answer "yes" to this question and children who have asthma or who had a wheezing episode noted in the medical record within the past 12 months, should not receive FluMist. TIV is available for use in children with asthma or possible reactive airways diseases.

Other Changes in FluMist Use for 2007–08

Three other changes in the use of FluMist and its 2007-08 formulation should be noted; the amount of vaccine administered, the temperature at which FluMist is shipped and stored after delivery to the end-user, and the minimum interval between doses have changed compared with the 2006-07 influenza season formulation. First, FluMist is now supplied in a prefilled, single-use sprayer containing 0.2 mL of vaccine instead of the previous 0.5 mL dose. Persons administering FluMist should spray 0.1 mL (i.e., half of the total sprayer contents) into the first nostril while the recipient is in an upright position. An attached dose-divider clip should then be removed from the sprayer and the second half of the dose administered into the other nostril. Second, FluMist is now approved to be shipped to end users at 35°F-46°F (2°C-8°C) instead of being shipped and stored frozen. FluMist should be stored at 35°F-46°F (2°C-8°C) upon receipt, and can remain at that temperature until the expiration date is reached. (2) Third, the recommended interval from the first to the second dose in children requiring 2 doses has changed from a minimum of 6 weeks to a minimum of 4 weeks, the same interval recommended between doses for TIV (2).

Regardless of the vaccine used, ACIP, the American Academy of Pediatrics, and the American Academy of Family Physicians recommend that children aged <9 years who have not previously been administered an influenza vaccine should receive 2 doses separated by 4 or more weeks in the initial year (6). Children aged <9 years who did not receive the recommended second dose of influenza vaccine in the initial year that they received influenza vaccine should receive 2 doses separated by 4 or more weeks before or during the next influenza season. This recommendation applies only to the influenza season that follows the first season that a child aged <9 years receives influenza vaccine (5,7). Children aged <9 years who are being vaccinated two or more seasons after receiving an influenza vaccine for the first time should receive a single annual dose, regardless of the number of doses administered previously (5,7). Additional information is available from the manufacturer's package insert (2) and MedImmune Vaccines, telephone 877-358-6478.

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Notice to Readers

Availability of Additional Trivalent Inactivated Influenza Vaccine for Adults (Afluria®)

On September 28, 2007, CSL Biotherapies, Inc., (King of Prussia, Pennsylvania) received approval from the Food and Drug Administration for use of Afluria[®], a trivalent inactivated influenza vaccine (TIV) administered intramuscularly in persons aged ≥ 18 years (1). Afluria can be used for any adult influenza vaccine indication (2).

The addition of Afluria brings to six (five TIVs and one live, attenuated influenza vaccine) the number of seasonal influenza vaccines licensed for the U.S. market. CDC estimates that manufacturers of the six vaccines will supply a record 132 million doses of influenza vaccine for the 2007–08 influenza season.

Afluria is available in a 0.5 mL preservative-free, singledose, prefilled syringe and in a 5 mL multidose vial containing 10 doses. Thimerosal, a mercury derivative, is added as a preservative to the multidose vial; each 0.5 mL dose contains 24.5 μ g of mercury. Additional information is available from the manufacturer's package insert (*3*) and CSL Biotherapies, Inc., telephone 888-435-8633.

References

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- 3. Afluria [package insert]. King of Prussia, PA: CSL Biotherapies, Inc.; 2007. Available at http://www.afluria.com/pi.pdf.

Notice to Readers

Satellite Broadcast: Surveillance of Vaccine-Preventable Diseases 2007

On December 13, 2007, CDC and the Public Health Training Network will present the satellite broadcast and webcast, Surveillance of Vaccine-Preventable Diseases 2007. The 3.5-hour broadcast will occur live from 9:00 a.m. to 12:30 p.m. EST. This program is designed to provide information on case investigation, outbreak control, and disease reporting for vaccine-preventable diseases, and will discuss methods of enhancing surveillance and completing case investigations. The program is specifically targeted to persons with surveillance responsibilities (e.g., those in state health departments). The broadcast will feature a live question-and-answer session in which participants nationwide can interact with course instructors via toll-free telephone lines. Continuing education credits will be provided. Additional information about the program is available at http://www2a.cdc.gov/phtn/vpd-07.

Information for site administrators about establishing and registering a viewing location is available at http:// www.cdc.gov/tceonline. No registration is necessary to access the webcasts via an Internet connection. The link to the live webcast is available at http://www2a.cdc.gov/phtn/ webcast/vpd-07. The webcast will be accessible through an Internet connection until January 14, 2008. The program will become available as a self-study DVD and Internet-based program in January 2008. TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending November 17, 2007 (46th Week)*

Disease Anthrax Botulism: foodborne infant other (wound & unspecified) Brucellosis Chancroid Cholera Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,1} : California serogroup	Current week	Cum 2007 	weekly average [†] — 1 2 0	2006 1 20 97	2005 — 19	2004	2003	2002	States reporting cases during current week (No.)
Botulism: foodborne infant other (wound & unspecified) Brucellosis Chancroid Cholera Dyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,1} : California serogroup		73 19 106	1 2 0	20	19	—	_	2	
foodborne infant other (wound & unspecified) Brucellosis Chancroid Cholera Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,1} : California serogroup		73 19 106	2 0						
infant other (wound & unspecified) Brucellosis Chancroid Cholera Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,1} : California serogroup		73 19 106	2 0						
other (wound & unspecified) Brucellosis Chancroid Cholera Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,¶} : California serogroup	1 	19 106	0	97		16	20	28	NC (1)
Brucellosis Chancroid Cholera Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,¶} : California serogroup	 	106			85	87	76	69	TN (1)
Brucellosis Chancroid Cholera Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,¶} : California serogroup	 		-	48	31	30	33	21	
Cholera Cyclosporiasis⁵ Diphtheria Domestic arboviral diseases ^{§.¶} : California serogroup		27	2	121	120	114	104	125	
Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,} ¶: California serogroup	_		1	33	17	30	54	67	
Cyclosporiasis [§] Diphtheria Domestic arboviral diseases ^{§,} ¶: California serogroup	—	6	0	9	8	5	2	2	
Diphtheria Domestic arboviral diseases ^{§,1} : California serogroup		88	1	136	543	171	75	156	
omestic arboviral diseases ^{§.1} : California serogroup				_	_	_	1	1	
California serogroup									
	_	28	1	67	80	112	108	164	
eastern equine	_	4	0	8	21	6	14	10	
Powassan	_	1	_	1	1	1	_	1	
St. Louis	_	5	0	10	13	12	41	28	
western equine	_	_		_	_	_	_	_	
Ehrlichiosis [§] :									
human granulocytic	4	443	9	646	786	537	362	511	NY (2), MN (2)
human monocytic	9	571	7	578	506	338	321	216	NY (1), MN (7), NC (1)
human (other & unspecified)	1	141	1	231	112	59	44	23	NY (1)
Haemophilus influenzae,**	-		-						
invasive disease (age <5 yrs):									
serotype b	_	16	0	29	9	19	32	34	
nonserotype b	_	123	2	175	135	135	117	144	
unknown serotype	1	180	3	179	217	177	227	153	GA (1)
lansen disease [§]	1	46	2	66	87	105	95	96	IN (1)
lantavirus pulmonary syndrome§		23	0	40	26	24	26	19	()
Hemolytic uremic syndrome, postdiarrheal [§]	6	195	4	288	221	200	178	216	MI (1), ND (2), TN (1), CA (2)
Hepatitis C viral, acute	5	591	19	802	652	713	1.102	1.835	MI (2), TN (1), CA (2)
HV infection, pediatric (age <13 yrs) ^{††}	_		5	52	380	436	504	420	
nfluenza-associated pediatric mortality ^{§,§§}	_	75	Õ	43	45		N	N	
isteriosis	7	599	15	875	896	753	696	665	ME (1), NY (1), MI (2), WA (2), CA (1)
/leasles ^m		28	1	55	66	37	56	44	$m_{2}(1), m_{1}(1), m_{2}(2), m_{1}(2), m_{1}(2), m_{2}(2)$
Meningococcal disease, invasive***:		20	•	00		0.			
A, C, Y, & W-135	_	243	4	318	297	_			
serogroup B	2	116	2	193	156	_		_	OH (1), IN (1)
other serogroup	1	27	0	32	27	_			MI (1)
unknown serogroup	4	511	12	651	765	_	_	_	NY (1), FL (1), MS (1), CA (1)
Aumps	3	655	14	6,584	314	258	231	270	MI (1), NC (1), UT (1)
Novel influenza A virus infections	_	4		0,001 N	N	N	N	N	
Plaque	_	6	0	17	8	3	1	2	
Poliomyelitis, paralytic	_	_	_		1	_	_	_	
Poliovirus infection, nonparalytic [§]	_	_	_	Ν	Ň	N	Ν	Ν	
Psittacosis§	_	8	0	21	16	12	12	18	
Q fever ^s	2	152	1	169	136	70	71	61	TN (1), TX (1)
Rabies, human	_		0	3	2	7	2	3	
Rubella ^{†††}	_	11	_	11	11	10	7	18	
Rubella, congenital syndrome	_		_	1	1		1	1	
SARS-CoV ^{5,555}	_	_	_	_		_	8	Ň	
Smallpox [§]	_	_	_	_	_	_	_	_	
Streptococcal toxic-shock syndromes	2	87	1	125	129	132	161	118	CT (1), OH (1)
Syphilis, congenital (age <1 yr)	3	402	8	380	329	353	413	412	PA (1), NC (1), LA (1)
letanus	1	19	Ő	41	27	34	20	25	FL (1)
Toxic-shock syndrome (staphylococcal)§	_	69	2	101	90	95	133	109	- = \ · /
Frichinellosis	_	6	0	15	16	5	6	14	
Fularemia	2	109	2	95	154	134	129	90	NE (1), AR (1)
Typhoid fever	1	298	5	353	324	322	356	321	NY (1)
/ancomycin-intermediate Staphylococcus au		19	0	6	2		N	N	
ancomycin-resistant Staphylococcus aureus			_	1	3	1	N	N	
/ibriosis (noncholera Vibrio species infections		317	2	Ň	N	N	N	N	GA (2), FL (3), AL (1), AZ (1), WA (1), CA (2)
fellow fever								1	(1), (2), (2), (2), (2), (2), (2), (2)

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§ 1

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§§ Updated weekly from reports to the Influenza Division, National Center for Immunization and Respiratory Diseases. No cases occurring during the 2007–08 influenza season have been reported. A total of 73 cases were reported for the 2006–07 influenza season. 11

No measles cases were reported for the current week. Data for meningococcal disease (all serogroups) are available in Table II. 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.

(46th Week)*			Chloresta	ie†			Coosid	leide mur				C	ntoonovid	liania	
		Pre	Chlamyd vious	la				ioidomyo vious	COSIS				ptosporid vious	IIOSIS	
	Current	52 v	veeks	Cum	Cum	Current	52 v	veeks	Cum	Cum	Current	52 v	veeks	Cum	Cum
Reporting area	week	Med	Max	2007	2006	week	Med	Max	2007	2006	week	Med	Max	2007	2006
United States New England	7,638 1,013	20,507 698	25,327 1,357	897,828 31,113	907,035 29,851	91	139 0	658 1	6,529 2	7,066	60 1	83 5	974 39	9,568 290	5,089 351
Connecticut	201	217	829	9,304	8,609	N	0	0	N	N	_	0	39	39	38
Maine ^s Massachusetts	678	50 301	74 480	2,168 14,271	2,006 13,585	_	0 0	0 0	_	_	1	1 2	6 11	48 107	40 169
New Hampshire Rhode Island§	39 71	38 62	73 106	1,848 2,748	1,775 2,829	_	0	1 0	2	_	_	1 0	5 3	50 9	44 14
Vermont [§]	24	19	45	774	1,047	Ν	0	0	N	Ν	_	1	3	37	46
Mid. Atlantic New Jersey	981	2,766 391	4,284 528	124,404 17,382	110,927 18,054	N	0	0 0	N	N	5	11 0	113 6	1,232 41	590 42
New York (Úpstate)	735	519	2,758	24,236	21,263	N	0	0	Ν	N	4	3	20	227	151
New York City Pennsylvania	246	973 754	1,982 1,760	43,029 39,757	36,804 34,806	N N	0 0	0 0	N N	N N	1	1 5	6 103	83 881	140 257
E.N. Central	1,819	3,194	6,216	148,026	150,384	1	1	3	31	40	6	19	131	1,590	1,251
Illinois Indiana	474	987 399	1,370 646	43,531 17,988	47,717 17,550	_	0 0	0 0	_	_	1	2 2	13 12	149 95	187 90
Michigan Ohio	261 1,084	709 754	1,059 3,641	31,062 39,423	31,391 35,510	1	0 0	3 1	20 11	34 6	2 3	3 5	11 61	168 535	132 333
Wisconsin		367	443	16,022	18,216	Ň	Ő	0	N	Ň	_	5	59	643	509
W.N. Central Iowa	465 140	1,211 162	1,465 252	53,655 7,760	55,074 7,471	1 N	0 0	54 0	8 N	1 N	14	13 2	123 61	1,470 587	812 166
Kansas Minnesota	_	156 251	294 314	6,998 10,814	7,013 11,492	Ν	0	0 54	Ν	Ν	8	1 3	16 34	145 274	77 206
Missouri	279	459	551	20,584	20,444	1	0	1	8	1	2	2	13	135	181
Nebraska [§] North Dakota	_	95 27	183 61	3,956 1,262	4,750 1,606	N N	0 0	0 0	N N	N N	4	1 0	21 11	141 24	92 9
South Dakota	46	49	84	2,281	2,298	Ν	0	0	Ν	Ν	—	2	15	164	81
S. Atlantic Delaware	451 66	3,964 64	6,760 140	174,433 3,050	174,615 3,153	_	0 0	1 0	3	4	20	20 0	69 4	1,130 20	1,084 15
District of Columbia Florida	_	111 1,168	166 1,767	4,981 51,015	2,846 43,896	N	0	0	N	N	 17	0 11	2 35	3 615	14 498
Georgia	1	640	3,822	22,078	31,837	N	0	0	N	N	1	4	22	208	257
Maryland [§] North Carolina	31	393 549	696 1,905	17,330 24,326	18,908 29,652	_	0 0	1 0	3	4	1	1 1	2 18	29 102	18 90
South Carolina [§] Virginia [§]	340	506 485	3,030 621	27,383 21,633	20,509 21,233	N N	0 0	0 0	N N	N N	- 1	1 1	14 5	78 64	126 57
West Virginia	13	60	94	2,637	2,581	Ň	0	0	N	N	_	0	5	11	9
E.S. Central Alabama [§]	556	1,455 364	2,044 577	64,132 14,702	67,994 20,758	N	0	0	N	N	4 3	4 1	63 14	561 111	161 56
Kentucky	221	150	691	7,466	7,815	N	Ō	0 0	Ν	Ν	_	1	40	242	38
Mississippi Tennessee [§]	335	399 521	959 721	17,564 24,400	16,839 22,582	N N	0 0	0	N N	N N	1	0 1	11 19	91 117	24 43
W.S. Central Arkansas [§]	431 101	2,333 173	2,961 328	106,588 8,460	102,752 7,315	N	0 0	1 0	1 N	1 N	4 2	5 0	41 8	329 32	376 22
Louisiana	182	373	851	17,220	16,172	_	0	1	1	1	—	1	4	41	85
Oklahoma Texas§	148	259 1,503	467 1,946	11,315 69,593	11,200 68,065	N N	0 0	0 0	N N	N N	2	1 2	11 29	115 141	38 231
Mountain	349	1,233	1,710	52,860	62,168	78	96	293	4,281	4,783	6 1	7	580	2,845	384
Arizona Colorado	59 101	478 211	834 371	19,377 8,616	20,512 14,566	78 N	93 0	293 0	4,148 N	4,654 N	1	0 2	6 26	44 204	28 69
Idaho [§] Montana [§]	51	56 45	252 73	3,255 1,497	2,872 2,316	N N	0 0	0 0	N N	N N	2	0 1	71 7	432 63	35 135
Nevada [§] New Mexico [§]	_	173 145	293 393	7,279	7,455	_	1 0	5 2	50 17	58 18	_	0	3	18 99	12 41
Utah	118	105	209	6,918 4,857	8,732 4,432	_	1	7	63	51	1	0	499	1,933	16
Wyoming [§]	20	23	35	1,061	1,283		0	1	3	2	1	0 1	8	52	48
Pacific Alaska	1,573 47	3,266 88	4,362 157	142,617 3,813	153,270 3,968	11 N	41 0	311 0	2,203 N	2,237 N	_	0	16 2	121 3	80 4
California Hawaii	1,274	2,631 90	3,627 114	119,294	120,174 5,023	11 N	41 0	311 0	2,203 N	2,237 N	_	0 0	0 0	_	4
Oregon [§] Washington	134 118	166 257	394 621	7,682 11,828	8,290 15,815	N N	0	0	N N	N N	_	1	16 0	118	72
American Samoa	U	0	32	U	U	U	0	0	U	U	U	0	0	U	U
C.N.M.I. Guam	U	3	207	U 434	U 783	U 	0	0	U 	U		0	0	U	U
Puerto Rico U.S. Virgin Islands	43 U	124 3	543 7	6,516 U	4,604 U	N U	0 0	0 0	N U	N U	N U	0 0	0 0	N U	N U
	<u> </u>	5		5	0	0	0	0	<u> </u>	0	5	0	0	0	

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

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 2007 are provisional. Data for HIV/AIDS, AIDS, and TB, when available, are displayed in Table IV, which appears quarterly. Chamydia refers to genital infections caused by *Chlamydia trachomatis*. S Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

(46th week)*			Giardiasi	s			G	ionorrhe	a		Hae		<i>is influen</i> s, all ser	<i>zae</i> , invas otypes†	ive
	Current	Prev 52 w	ious eeks	Cum	Cum	Current		evious weeks	Cum	Cum	Current		vious /eeks	Cum	Cum
Reporting area	week	Med	Max	2007	2006	week	Med	Max	2007	2006	week	Med	Max	2007	2006
United States	338	302	1,513	15,122	15,877	2,944	6,729	8,941	293,331	316,076	15	45	184	1,963	2,005
New England	_	25 6	54	1,252 313	1,298 276	188 54	109	259 204	4,945	5,017	—	3 0	19 7	160	152
Connecticut Maine [§]	_	3	18 10	172	168		42 2	8	1,897 104	2,041 114	_	0	4	47 13	43 18
Massachusetts New Hampshire	_	10 0	29 3	521 24	564 21	129	51 2	96 8	2,400 131	2,172 174	_	2 0	6 2	74 16	68 11
Rhode Island§	_	0	15	73	100	5	8	16	364	452	_	0	10	7	4
Vermont [§]		3	9	149	169	_	1	4	49	64	_	0	1	3	8
Mid. Atlantic New Jersey	31	56 6	127 11	2,578 221	3,146 429	232	714 114	1,537 159	31,918 5,056	29,703 4,893	5	10 1	27 5	395 55	417 75
New York (Úpstate)	28	23	108	1,040	1,116	152	116	1,035	6,046	5,539	1	3	15	114	132
New York City Pennsylvania	2 1	15 13	25 29	694 623	852 749	80	200 240	359 586	8,864 11,952	9,242 10,029	4	2 3	6 10	85 141	76 134
E.N. Central	17	46	80	2,172	2,538	756	1,266	2,591	60,141	62,135	1	6	15	259	333
Illinois Indiana	N	13 0	30 0	587 N	633 N	166	358 166	499 307	16,160 7,751	17,880 7,789	1	2 1	6 7	76 54	101 71
Michigan	2	11	20	501	637	134	280	747	12,868	13,247	_	0	5	24	24
Ohio Wisconsin	15	15 7	37 20	731 353	736 532	456	340 126	1,570 206	17,763 5,599	17,011 6,208	_	2 0	5 2	91 14	76 61
W.N. Central	171	21	553	1,261	1,636	122	378	514	16,744	17,292	_	3	24	118	142
Iowa	_	5	23	272	268	19	39	60	1,696	1,702	—	0	1	1	2
Kansas Minnesota	163	3 0	11 514	171 176	177 479	_	45 66	86 86	1,980 2,791	1,976 2,879	_	0 1	2 17	9 56	17 74
Missouri	3 4	7	22 8	395 133	501 105	96	196 25	266	8,827 1,140	9,019	—	1 0	5 2	34 14	33 9
Nebraska [§] North Dakota	4	2 0	16	25	19	_	2	57 5	80	1,248 136	_	0	2	4	9
South Dakota		2	6	89	87	7	5	11	230	332	_	0	0	_	_
S. Atlantic Delaware	34	57 1	106 6	2,559 39	2,480 36	773 32	1,525 26	3,209 43	68,883 1,160	78,548 1,309	6	11 0	34 3	507 8	499 1
District of Columbia		0	7	34	57	_	47	71	2,024	1,619	_	0	1	3	7
Florida Georgia	24	24 10	47 42	1,145 556	1,007 586	_	482 284	717 2,068	20,825 9,165	21,511 15,976	3 1	3 2	8 7	143 107	151 101
Maryland§	3	4	18	224	217		115	227	5,285	6,377	2	1	6	74	71
North Carolina South Carolina [§]	2	0 2	0 8	94	98	618	248 202	675 1,361	12,644 11,456	15,500 9,528	_	1 1	9 4	51 43	51 34
Virginia [§] West Virginia	5	9 0	23 21	421 46	448 31	122	124 18	220 37	5,526 798	5,874 854	_	1 0	22 6	53 25	64 19
E.S. Central		10	21	40	408	1 203	541	812	24,813	004 27,732	1	2	9	109	99
Alabama§	4	5	11	230	194	_	155	242	6,490	9,603	1	0	3	23	20
Kentucky Mississippi	N N	0	0	N N	N N	78	57 148	268 310	2,937 6,705	2,828 6,635	_	0 0	1 2	2 9	5 12
Tennessee§	6	5	16	259	214	125	181	261	8,681	8,666	_	2	6	75	62
W.S. Central	4	6	55	323	326	292	989	1,200	44,370	45,265	—	2	34	88	77
Arkansas [§] Louisiana	1	2 1	13 9	105 89	128 83	71 167	79 221	120 384	3,644 9,981	3,821 9,736	_	0 0	2 2	8 6	8 20
Oklahoma Texas§	3 N	3 0	42 0	129 N	115 N	54	98 581	235 731	4,373	4,216	—	1 0	29 3	66 8	42 7
Mountain	29	31	68	1,577	1,532	96	246	346	26,372 10,530	27,492 13,772	1	4	12	223	, 186
Arizona	3	3	11	180	149	18	103	175	4,078	5,117	_	1	6	79	77
Colorado Idaho§	12	10 3	26 12	519 158	500 170	58	47 4	93 19	2,162 237	3,317 174	_	1 0	4	52 6	44 6
Montana§	1	2	8	100	96	_	1	7	57	175	—	0	1	2	_
Nevada [§] New Mexico [§]	_	1 2	8 5	89 94	104 73	_	43 30	87 58	1,781 1,432	2,528 1,576	_	0 1	2 4	9 37	14 28
Utah	13	6	32	402	405	19	17	35	715	770	1	0	3	33	14
Wyoming [§] Pacific		1 61	4 558	35 2,911	35 2,513	1 282	1 691	5 871	68 30,987	115 36,612	- 1	0 2	1 16	5 104	3 100
Alaska	4	1	556	2,911	103	202	10	27	435	545	1	0	3	13	10
California Hawaii	27	43 1	93 4	1,982	2,004 46	247	604 10	734 15	27,376	30,177 824	_	0 1	10 2	34	29 18
Oregon§	—	9	17	397	360	11	23	63	982	1,279	_	1	6	55	43
Washington	11	8	449	463	—	16	48	142	2,194	3,787		0	5	2	_
American Samoa C.N.M.I.	U U	0	0	U U	U U	U U	0	_2	U U	U U	U U	0	0	U U	U U
Guam	_	0	0	_	—	_	1	38	97	94	_	0	0	2	1
Puerto Rico U.S. Virgin Islands	U	4 0	15 0	165 U	234 U	U	5 1	23 3	281 U	275 U	U	0 0	1 0	U U	3 U

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

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 2007 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). Med: Median. Max: Maximum.

(46th Week)*			Hepat	itis (viral,	acute), by	tvpe [†]									
			Α			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		В					gionellos	sis	
	Current	Prev 52 we		Cum	Cum	Current		rious reeks	Cum	Cum	Current		/ious /eeks	Cum	Cum
Reporting area	week	Med	Max	2007	2006	week	Med	Max	2007	2006	week	Med	Max	2007	2006
United States	15	52	201	2,437	3,114	28	77	405	3,472	3,920	34	43	106	2,069	2,457
New England	1	2	6	109	167	1	1	5	67	108	1	2	13	115	164
Connecticut Maine [§]	_	0	3 1	25 3	37 8	_	0	5 2	28 12	46 22	1	0 0	5 1	36 7	48 9
Massachusetts	—	1	4	49	80		Ō	1	4	19	_	Ō	3	21	65
New Hampshire Rhode Island [§]	1	0	3 2	12 12	22 12	_	0	1 3	5 13	9 9	_	0 0	2 6	8 34	13 21
Vermont [§]	_	Ō	1	8	8	1	0	1	5	3	—	0	2	9	8
Mid. Atlantic New Jersey	1	8 2	19 6	373 93	355 100	1	8 1	21 8	394 79	474 153	12	11 1	36 11	646 76	892 111
New York (Úpstate)	1	1	11	67	82	1	2	13	82	57	6	4	22	204	304
New York City Pennsylvania	_	3 1	8 5	137 76	111 62	_	2 3	6 8	84 149	109 155	6	2 4	10 21	103 263	173 304
E.N. Central	3	6	13	261	324	2	9	23	379	446	8	8	27	469	551
Illinois	_	2	5	92	95	—	2	6	99	120	_	1	12	83	116
Indiana Michigan	2	0 1	7 8	29 74	24 115	_	0 2	21 8	47 96	52 128	2 1	1 3	7 10	49 137	46 135
Ohio	1	1	4	59	49	2	2	7	117	113	5	3	17	190	210
Wisconsin	_	0	3	7	41	_	0	3	20	33	_	0	2	10	44
W.N. Central Iowa	_	2 1	18 4	150 39	122 11	2	2 0	15 3	118 21	131 19	2	1 0	9 1	89 9	77 10
Kansas Minnesota	—	0	1 17	6	26 17	—	0 0	2	9	10 18	2	0 0	1 6	3 25	8 24
Missouri	_	0 0	2	62 25	42	2	1	13 5	18 55	61		1	3	25 37	24 21
Nebraska [§] North Dakota	—	0 0	2 3	12	17	_	0 0	1 1	10	18	_	0 0	2 1	11	9
South Dakota	_	0	1	6	9	_	0	1	5	5	_	0	1	4	5
S. Atlantic	6	10	21	453	503	10	18	56	855	1,087	5	7	25	346	420
Delaware District of Columbia	_	0	1 5	7 14	13 7	_	0 0	2 2	15 1	46 7	_	0 0	2 2	8 1	12 29
Florida	3	3	7	140	193	4	7	14	306	372	_	2	10	137	141
Georgia Maryland [§]	_	1	4 5	63 70	51 59	2 2	2 2	7 6	109 101	184 137	1	0 1	2 4	21 67	32 97
North Carolina South Carolina [§]	1	0 0	11 4	57 16	94 23	_	0 1	16 5	120 53	147 84	3	1 0	4 2	42 17	33 6
Virginia§	1	1	5	78	57	2	3	8	111	62	1	1	4	41	57
WestVirginia	_	0	2	8	6		0	23	39	48		0	4	12	13
E.S. Central Alabama [§]	_	2 0	5 3	90 16	115 13	1	7 2	14 7	313 109	298 89	1	2 0	6 1	86 9	99 9
Kentucky	_	0	2	19	31	_	1	7	65	67	—	1	4	43	43
Mississippi Tennessee§	_	0 1	4 5	8 47	8 63	1	0 3	8 8	25 114	11 131	1	0 1	1 4	34	4 43
W.S. Central	_	5	43	210	344	6	17	169	757	802	2	2	16	102	60
Arkansas§ Louisiana	—	0 1	2 3	10 26	45 29	_	1 1	7 4	59 63	70 50	_	0 0	3 1	8 3	4 10
Oklahoma	_	0	8	11	6	_	1	38	115	69	_	0	6	5	1
Texas§	_	3	39	163	264	6	12	135	520	613	2	2	13	86	45
Mountain Arizona	4 2	5 3	15 11	227 162	250 153	1	3 1	7 4	151 49	125 U	3 1	2 0	7 5	104 39	116 35
Colorado	—	0	3	21	36	_	0	3	30	32		0	2	21	25
Idaho [§] Montana [§]	2	0 0	1 2	6 9	9 11	_	0	1 3	12	13 2	1	0 0	1	6 3	11 6
Nevada§	_	0	2	9	11	_	1	3	29	34	_	0	2	7	10
New Mexico [§] Utah	_	0 0	2 2	10 7	14 14	1	0 0	2 4	10 19	22 22	1	0 0	2 3	8 17	5 24
Wyoming [§]	_	0	1	3	2	—	0	1	2	—	—	0	1	3	—
Pacific Alaska	_	12 0	92 1	564 4	934 1	4	10 0	106 1	438 7	449 8	_	2 0	11 1	112	78 1
California	_	10	40	489	884	2	7	31	327	359	_	1	11	84	77
Hawaii Oregon [§]	_	0 1	1 2	 27	12 37	_	0 1	1 4	 55	7 75	_	0 0	0 1	9	_
Washington	_	0	52	44		2	1	74	49		_	0	3	19	_
American Samoa	U	0	0	U	U	U	0	0	U	U	U	0	0	U	U
C.N.M.I. Guam	U	0	0	U	U	U 	0	0	U 	U	U	0	0	U	U
Puerto Rico	 U	1	10	45 U	61	U	1 0	9 0	44 U	60 U	U	0	2	3 U	1 U
U.S. Virgin Islands	U	0	0	U	U	U	U	U	U	U	U	U	U	U	U

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*_____

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date c * Incidence data for reporting year 2007 are provisional. Data for acute hepatitis C, viral 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.

(46th Week)*		L	yme disea	ase			1	Malaria			Mei		cal disea serogrou	se, invasiv Ips	/e [†]
Reporting area	Current week	Prev 52 w Med		Cum 2007	Cum 2006	Current week		/ious /eeks Max	Cum 2007	Cum 2006	Current week		vious veeks Max	Cum 2007	Cum 2006
United States	211	262	1,228	18,290	17,792	7	20	105	959	1,272	7	21	87	897	986
New England Connecticut Maine [§] Massachusetts New Hampshire Rhode Island [§] Vermont [§]	41 28 11 - 2	40 11 4 2 7 0 2	300 214 61 27 86 93 13	3,324 1,601 447 211 785 151 129	4,196 1,635 259 1,421 598 186 97	 	1 0 0 0 0 0	5 3 2 3 4 1 2	49 1 7 29 8 	49 10 4 24 9 1 1		1 0 0 0 0 0	3 1 2 1 1 1	38 6 7 19 1 2 3	47 10 7 22 4 2 2
Mid. Atlantic New Jersey New York (Upstate) New York City Pennsylvania	81 	110 26 52 1 40	624 146 426 22 306	9,135 1,942 3,035 169 3,989	9,092 2,334 3,385 291 3,082	2 2 	5 0 1 3 1	14 2 5 7 4	234 — 59 139 36	334 85 41 163 45	1 - 1 -	3 0 1 0 1	8 2 3 4 5	122 13 35 26 48	149 18 32 57 42
E.N. Central Illinois Indiana Michigan Ohio Wisconsin	 	8 0 0 0 6	151 12 7 5 3 138	1,278 112 41 53 19 1,053	1,667 109 21 53 42 1,442	 	2 1 0 0 0	6 6 2 2 2 2	97 41 9 16 22 9	152 79 11 18 27 17	3 1 1 	3 1 0 1 0	9 3 4 3 2 3	133 42 25 25 32 9	151 39 22 26 44 20
W.N. Central Iowa Kansas Minnesota Missouri Nebraska [§] North Dakota South Dakota	53 50 1 	5 1 0 1 0 0 0	195 11 2 188 6 1 7 0	582 109 9 423 31 7 3 	717 95 4 601 5 11 	2 1 1 	0 0 0 0 0 0 0	12 1 11 1 1 1 1	37 3 16 6 2 1	57 2 7 37 6 3 1 1		1 0 0 0 0 0 0	5 3 1 3 2 3 1	59 14 2 18 15 5 2 3	58 17 4 13 14 6 1 3
S. Atlantic Delaware District of Columbia Florida Georgia Maryland [§] North Carolina South Carolina [§] Virginia [§]	29 4 13 1 11 	66 12 0 1 0 30 0 0 13 0	176 34 7 11 112 8 2 61 14	3,683 648 13 77 3 2,040 43 23 769 67	1,953 451 56 25 8 1,096 29 18 257 13	3 1 2	4 0 1 0 1 0 0 1 0	13 1 2 7 5 4 1 5 1	224 4 3 53 31 54 20 6 51 2	309 5 53 82 73 28 9 52 2	1 — 1 — — —	3 0 1 0 0 0 0 0	11 1 7 5 2 6 2 2 2	150 1 	176 4 1 66 15 14 30 20 18 8
E.S. Central Alabama [§] Kentucky Mississippi Tennessee [§]	 	1 0 0 0	5 3 2 1 4	50 12 5 1 32	34 10 7 3 14	 	0 0 0 0	3 1 1 2	31 5 8 2 16	23 9 3 6 5	1 1 	1 0 0 0	4 2 2 4 2	44 8 10 10 16	40 5 11 5 19
W.S. Central Arkansas [§] Louisiana Oklahoma Texas [§]	2 — — 2	1 0 0 1	6 1 1 0 6	64 1 2 	23 — 1 — 22	 	1 0 0 1	29 1 2 3 25	76 2 14 5 55	93 4 8 7 74	 	2 0 0 1	15 2 4 4 11	89 9 25 16 39	87 10 34 11 32
Mountain Arizona Colorado Idaho [§] Montana [§] Nevada [§] New Mexico [§] Utah Wyoming [§]		1 0 0 0 0 0 0 0 0	4 1 2 2 1 2 1 2	38 2 2 8 4 8 4 7 3	28 10 6 3 3 5 1		1 0 0 0 0 0 0 0 0	6 3 2 1 1 1 3 0	58 12 23 3 2 4 11	71 23 19 1 2 4 5 17		1 0 0 0 0 0 0 0	4 2 1 1 1 2 1	57 12 21 3 2 4 2 11 2	65 15 20 3 5 6 6 4
Pacific Alaska California Hawaii Oregon [§] Washington	5 1 4 N	2 0 2 0 0	16 1 9 0 1 8	136 8 122 N 3 3	82 3 73 N 6 —	 	3 0 2 0 0 0	45 1 7 0 3 43	153 2 112 — 14 25	184 23 142 8 11 —	1 	4 0 3 0 0 0	48 1 10 1 3 43	205 1 153 — 30 21	213 3 164 9 37
American Samoa C.N.M.I. Guam Puerto Rico U.S. Virgin Islands	U U N U	0 0 0 0	0 0 0 0	U U N U	U U N U	U U U	0 0 0 0	0 0 1 0	U U 3 U	U U 2 U	U U - U	0 0 0 0	0 0 1 0	 6	6

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

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 2007 are provisional. * Data for meningococcal 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).

(46th Week)*															
		Bros	Pertussi: /ious	5				ies, anim vious	nal		R	<u> </u>	untain sp vious	otted feve	r
	Current	52 w	eeks	Cum	Cum	Current	52 w	/eeks	Cum	Cum	Current	52 v	veeks	Cum	Cum
Reporting area	week	Med	Max	2007	2006	week	Med	Max	2007	2006	week	Med	Max	2007	2006
United States	66	172	1,479	7,643	12,596	37	101	177	4,894	5,079	21	32	211	1,818	1,962
New England Connecticut	1	27 1	77 5	1,182 59	1,621 110	9 3	11 4	22 10	530 208	444 192	_	0 0	10 0	5	11
Maine [†] Massachusetts	_	1 22	13 39	73 928	132 1,027	1	2 0	5 0	79	113 N	_	0 0	1	1 4	N 10
New Hampshire	_	1	6	52	202	2	1	4	51	45	—	0	0	_	1
Rhode Island [†] Vermont [†]	1	0 0	31 9	23 47	49 101	3	0 3	4 13	37 155	30 64	_	0 0	9 0	_	_
Mid. Atlantic	10	23	155	1,017	1,667	8	22	56	1,217	491	_	1	6	60	84
New Jersey New York (Upstate)	7	3 11	11 146	139 506	273 757	N 8	0 11	0 20	N 482	N N	_	0 0	2 1	9 3	38
New York City Pennsylvania	3	2 6	6 15	105 267	93 544	_	1 13	5 44	42 693	34 457	_	0 0	3 3	26 22	23 23
E.N. Central	5	28	79	1,229	2,011	2	4	48	380	157	_	1	4	42	63
Illinois Indiana	_	3 0	23 45	130 52	505 204	1	1 0	15 1	113 12	46 11	_	0 0	3 2	24 4	26 6
Michigan		7	18	254	559	1	1	27	179	46	_	0	1	4	4
Ohio Wisconsin	5	13 3	54 24	594 199	541 202	N	1 0	11 0	76 N	54 N	_	0 0	2 0	10	26 1
W.N. Central Iowa	5	13 2	151 16	594 122	1,142 284	—	5 0	13 3	244 30	290 57	_	5 0	32 4	374 14	192 5
Kansas	_	3	12	122	277	_	2	7	101	71	_	0	1	1	1
Minnesota Missouri	2	0 1	119 9	157 72	161 285	_	0 0	5 3	32 39	38 63	_	0 4	1 26	1 340	3 158
Nebraska [†] North Dakota	3	1 0	12 18	59 8	90 25	_	0	0		24	_	0 0	2	14	25
South Dakota	_	1	7	54	20	_	0	2	21	37	_	0	1	4	_
S. Atlantic Delaware	13	16 0	163 2	836 11	1,005 3	15	40 0	76 0	1,897	2,110	20	12 0	112 2	882 14	1,094 21
District of Columbia Florida	4	0 4	1 18	2 198	6	_	0	0 29	110	176	—	0	1 4	1 21	1
Georgia	_	0	4	27	192 92	12	3	34	246	244	1	0	5	35	14 51
Maryland† North Carolina	2 6	2 3	8 112	107 288	133 177	3	7 9	18 19	327 447	385 479	1 18	1 4	7 96	60 563	77 794
South Carolina [†]	- 1	2	9	66	172	—	0	11 31	46	160 568	—	1 2	7	60	38
Virginia [†] West Virginia	_	2	11 19	108 29	187 43	_	13 0	11	646 75	98	_	2	11 3	123 5	95 3
E.S. Central Alabama [†]	1	6 2	32 18	369 79	323 81	_	3 0	9 2	140	231 78	_	4 1	16 9	241 82	356 84
Kentucky	_	0	4	22	56	_	0	3	18	27	_	0	2	5	3
Mississippi Tennessee†	1	1	29 7	194 74	34 152	_	0 3	1 7	1 121	4 122	_	0 2	2 10	14 140	8 261
W.S. Central	1	19	226	833	785	1	1	27	74	917	1	1	168	173	114
Arkansas† Louisiana	1	1 0	17 1	133 14	86 24	1	0 0	5 1	29	31 6	1	0 0	53 1	91 2	51 5
Oklahoma Texas [†]	_	0 16	36 174	6 680	19 656	_	0 0	22 20	45	60 820	_	0 0	108 7	47 33	29 29
Mountain	10	22	61	1,004	2,317	_	3	14	208	207	_	0	4	33	46
Arizona Colorado	5	4 6	13 14	182 271	478 680	_	2 0	12 0	144	134	_	0 0	1 2	7 4	11 4
Idaho† Montana†	_	0 0	5 7	34 38	83 113	_	0 0	0 3	 18	24 15	_	0 0	1	4 1	14 2
Nevada [†]	_	0	5	12	66	_	0	1	2	5	_	0	Ó	—	—
New Mexico [†] Utah	5	1 8	7 47	65 380	127 695	_	0 0	2 2	10 16	10 11	_	0 0	1	4 1	8
Wyoming [†]	_	0	4	22	75	_	0	4	18	8	—	0	2	12	7
Pacific Alaska	20	11 0	547 8	579 50	1,725 89	2	4 0	10 6	204 39	232 16	N	0 0	3 0	8 N	2 N
California Hawaii	_	3 0	167 1	157	1,453 85	2 N	3 0	8 0	154 N	191 N	N	0 0	3 0	6 N	N
Oregon [†]	_	2	14	112	98	_	0	3	11	25	_	0	1	2	2
Washington American Samoa	20 U	2 0	377 0	260 U	— U	— U	0 0	0 0	— U	— U	N U	0 0	0 0	N U	N U
C.N.M.I.	U	_	_	Ŭ	Ū	Ū	_	_	Ŭ	Ū	Ū	_	_	Ū	U
Guam Puerto Rico	_	0 0	1 0	_	63 3	_	0 0	0 5	37	75	N N	0 0	0 0	N N	N N
U.S. Virgin Islands	U	0	0	U	U	U	0	0	U	U	U	0	0	U	U

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date c * Incidence data for reporting year 2007 are provisional. Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

(46th Week)*		s	almonello	osis		Shigat	oxin-pro	ducing E	. coli (STI	EC)†		:	Shigellos	is	
	Current		/ious /eeks	Cum	Cum	Current		vious veeks	Cum	Cum	Current		vious veeks	Cum	Cum
Reporting area	week	Med	Max	2007	2006	week	Med	Max	2007	2006	week	Med	Max	2007	2006
United States	463	865	2,338	38,905	39,276	38	80	336	4,027	3,608	297	348	1,287	14,925	12,609
New England Connecticut	4	37 0	406 391	2,035 391	2,091 503	_	4 0	67 61	269 61	264 75	_	4 0	43 40	224 40	259 67
Maine [§] Massachusetts	_2	3 24	14 57	129 1,198	122 1,115	_	1 2	4 10	38 130	42 95	_	0 3	5 8	14 144	4 161
New Hampshire Rhode Island [§]	1	3	10 20	148 94	200 83	—	0	4	21 6	25 8	_	0	2 9	5 18	8
Vermont [§]	1	1	5	75	68	_	0	3	13	19	_	0	1	3	6
Mid. Atlantic New Jersey	26	100 16	184 36	4,953 723	4,893 1,013	5	8 1	63 20	412 48	434 113	10	12 2	47 10	651 114	818 280
New York (Úpstate)	19	27	112	1,310	1,181	3	3	15	189	153	7	3	42	147	204
New York City Pennsylvania	7	24 33	51 69	1,235 1,685	1,151 1,548	2	0 3	5 47	43 132	42 126	2 1	5 2	11 21	239 151	250 84
E.N. Central	28	101 31	252 186	5,058 1,589	5,077 1,437	7	10 1	34 10	581 85	626 101	22	33 11	131 32	1,974 467	1,282 581
Indiana	4	15	54	656	789	3	1	13	95	80	5	2	13	129	153
Michigan Ohio	2 22	18 27	41 65	823 1,216	907 1,120	2 2	1 3	8 11	88 151	86 171	17	1 15	7 104	66 1,106	145 172
Wisconsin		16	50	774	824	—	3	10	162	188	_	3	13	206	231
W.N.Central lowa	19 2	50 9	102 19	2,541 425	2,407 421	11	13 3	45 38	726 170	600 116	25	34 2	156 14	1,663 80	1,590 105
Kansas Minnesota	10	7 13	20 44	368 631	334 626	9	1 4	4 17	53 239	23 183	2	0 5	3 24	25 222	131 201
Missouri Nebraska§	3 3	15 5	31 12	692 235	690 176	1 1	2 1	12 6	135 80	151 72	21 2	22 0	72 7	1,193 24	613 118
North Dakota	1	0	23	43	29	_	0	12	4	6	_	0	127	7	94
South Dakota S. Atlantic	226	3 222	11 429	147 10,590	131 10,351	7	0 15	5 37	45 643	49 563	 54	1 88	30 177	112 4,105	328 3,050
Delaware District of Columbia		2	8	129 16	142 57	_	0	3	14	10 2		0	2	10	10 15
Florida	122	85	181	4,298	4,264	5	3	13	144	78	13	42	75	2,032	1,398
Georgia Maryland§	31 18	34 15	88 43	1,900 804	1,658 705	_	2 2	9 6	97 86	79 113	21 2	30 2	95 7	1,502 98	1,179 123
North Carolina South Carolina [§]	20 18	28 18	110 51	1,388 956	1,508 973	2	1 0	24 3	124 18	104 13	10 3	0 2	14 20	94 155	143 77
Virginia [§] West Virginia	17	20 3	38 31	924 175	920 124	_	3	9 5	141 18	152 12	5	3	11 36	150 60	101 4
E.S. Central	34	57	141	2,904	2,558	_	4	26	292	282	39	30	172	2,410	749
Alabama [§] Kentucky	9 2	16 10	78 22	840 512	699 414	_	1 2	19 12	62 111	29 93	7 8	13 4	34 35	625 445	279 229
Mississippi Tennessee [§]	3 20	13 17	101 34	802 750	741 704	_	0	1 10	5 114	10 150	12 12	10 4	108 27	1,082 258	95 146
W.S. Central	26	82	595	3,787	4,710	_	3	73	152	215	119	40	655	1,772	1,763
Arkansas [§] Louisiana	11	13 14	51 35	768 658	843 1,025	_	1 0	3 2	34 3	46 17	3	2 8	10 22	84 379	109 235
Oklahoma Texas [§]	15	9 41	103 470	589 1,772	454 2,388	—	0 2	8 68	17 98	35 117	116	3 24	63 580	119 1,190	121 1,298
Mountain	42	50	90	2,357	2,357	1	9	42	510	505	10	18	57	851	1,335
Arizona Colorado	27 7	17 11	44 24	899 519	792 556	_	2 1	8 17	101 144	100 104	6 4	9 2	33 6	505 111	657 218
Idaho§	3	3	9	127	160	—	2 0	16	122	94		0	2	11	14
Montana [§] Nevada [§]	_	2 3	10	92 148	120 205	_	0	0 3	18	30	_	0	13 9	22 47	52 127
New Mexico [§] Utah	1	5 5	13 18	234 272	238 243	1	0 1	3 9	34 91	46 112	_	2 1	4 5	89 34	170 65
Wyoming [§]	4	1	4	66	43	—	0	1	_	19		0	19	32	32
Pacific Alaska	58	107 1	890 5	4,680 72	4,832 69	7 N	7 0	164 0	442 N	119 N	18	28 0	256 2	1,275 7	1,763 7
California Hawaii	41	87 4	260 16	3,739	4,144 236	5	4 0	33 1	235	N 17	13	24 0	84 0	1,062	1,597 45
Oregon [§] Washington		7 11	15 625	276 593	381 2	2	1	11 162	79 128	102	5	1	6 170	72 134	114
American Samoa	U	0	025	593 U	2 U	2 U	0	0	120 U	 U	5 U	2	0	134 U	 U
C.N.M.I. Guam	U		0	U	U	U N		0	U N	U N	U		0	U	U
Puerto Rico	 U	11	66	446	613		0	0			— — U	0	4	18 U	38
U.S. Virgin Islands	U	0	0	U	U	U	0	U	U	U	U	0	U	U	U

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

C.N.M.I.: Commonwealth of Northern Mariana Islands. U: Unavailable. —: No reported cases. N: Not notifiable. Cum: Cumulative year-to-date counts. Med: Me * Incidence data for reporting year 2007 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). Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

(40th Week)	Stre	eptococca	l disease.	invasive, gi	oup A	Str	eptococcus	pneumoni	<i>ae</i> , invasiv Age <5 ye		ondrug resistant [†]	
			/ious					Prev	vious			_
Reporting area	Current week	52 w Med	veeks Max	Cum 2007	Cum 2006		Current week	52 w Med	eeks Max	Cum 2007	Cum 2006	
United States	53	97	261	4,238	4,685		16	29	108	1,355	1,182	
New England	3	5	28	349	316		_	2	11	109	109	
Connecticut	2	0	23	114	83		—	0	6	15	31	
Maine [§] Massachusetts	1	0 3	3 12	25 155	17 160		_	0 2	1 6	2 72	 64	
New Hampshire	—	0	4	33	35		_	0	2	10	9	
Rhode Island [§] Vermont [§]	_	0 0	12 2	6 16	7 14		_	0 0	2 1	8 2	5	
Mid. Atlantic	4	17	41	787	847		1	4	37	228	169	
New Jersey	_	2	10	113	137			1	4	31	56	
New York (Upstate) New York City	_	5 4	27 13	258 182	270 151		1	2 1	15 35	92 105	85 28	
Pennsylvania	4	5	11	234	289		Ν	0	0	N	N	
E.N. Central	9	16	34	720	886		3	4	14	189	312	
Illinois Indiana	2	4 2	13 12	199 108	268 106		_	1 0	6 10	39 18	87 47	
Michigan	3	4	10	178	187		3	1	4	65	70	
Ohio	4	4	14	204	215		—	1	7	55	65	
Wisconsin		0	6	31	110		_	0	2	12	43	
W.N. Central Iowa	11	5 0	32 0	302	315		2	2 0	8 0	108	102	
Kansas	—	0	3	30	50		_	0	1	3	11	
Minnesota Missouri	5 3	0 2	29 6	149 72	143 71		_	1 0	6 2	70 20	64 14	
Nebraska§		0	3	23	29		2	0	1	14	10	
North Dakota	3	0	2	18	12		—	0	2	1	3	
South Dakota		0	2	10	10			0	0			
S. Atlantic Delaware	20	22 0	52 1	1,119 10	1,067 10		4	4 0	14 0	242	76	
District of Columbia		0	3	8	15		_	0	1	_	1	
Florida Georgia	11 4	6 5	16 13	287 226	271 230		2	1 0	5 5	61 44	_	
Maryland§	3	4	10	192	195		2	1	5	57	63	
North Carolina South Carolina [§]	_	1	22 7	150 85	148 57		_	0 1	0 4	42	_	
Virginia [§]	2	2	11	136	116		_	0	4	31	_	
West Virginia	—	0	3	25	25		—	0	4	7	12	
E.S. Central Alabama [§]	N	4 0	13 0	189 N	187 N		1 N	2 0	6 0	82 N	17 N	
Kentucky		1	3	35	41		N	0	0	N	N	
Mississippi	Ν	0	0	N	N		_	0	2	3	17	
Tennessee	_	3	13	154	146		1	1	6	79	_	
W.S. Central Arkansas [§]	2	6 0	90 2	271 17	351 24		1	4 0	43 2	197 10	193 20	
Louisiana	—	0	4	16	16		_	0	4	27	22	
Oklahoma Texas [§]	2	1 3	23 64	64 174	94 217		1	1 2	13 27	48 112	51 100	
Mountain	4	10	22	472	598		4	4	12	174	180	
Arizona	1	4	11	184	309		2	2	7	100	97	
Colorado Idaho§	2	3 0	8 2	132 16	109 8		2	1 0	4 1	43 2	51 3	
Montana [§]	N	0	0	N	N		N	0	0	N	Ň	
Nevadas	—	0	1	2			—	0	1	1	2	
New Mexico [§] Utah	1	1 2	4 7	51 82	112 56		_	0 0	4 2	21 7	27	
Wyoming [§]	_	ō	1	5	4		_	Ő	ō	_	—	
Pacific	—	1	9	29	118		—	0	2	26	24	
Alaska California	N	0 0	3 0	29 N	N N		N	0 0	2 0	26 N	N N	
Hawaii	—	3	9		118		_	1	2	_	24	
Oregon [§] Washington	N N	0	0 0	N N	N N		N N	0 0	0 0	N N	N N	
American Samoa	U	0	0	U	U		U	0	0	U	U	
C.N.M.I.	Ŭ	_	_	U	U		Ŭ	_	_	U	U	
Guam Puerto Rico	—	0 0	0 0	_	_		N N	0 0	0 0	N N	N N	
U.S. Virgin Islands	U	0	0	U	U		U	0	0	U	U	

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

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 2007 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).

		St	<i>reptococ</i> All ages		<i>ioniae</i> , inva	sive disease		istant [†] <5 years			ç.	nhilie pr	imary an	d seconda	arv
		Previ					Prev		5		Sy		imary an vious	a secona	iry
	Current	52 we	eeks	Cum	Cum	Current	52 w	eeks	Cum	Cum	Current	52 v	veeks	Cum	Cum
Reporting area	week	Med	Max	2007	2006	week	Med	Max	2007	2006	week	Med	Max	2007	2006
United States	19	46	256	2,019	2,100	3	8	35	396	358	67	201	310	9,198	8,475
New England Connecticut	_	2 1	12 5	89 50	114 87	_	0 0	3 2	11 4	4	5 2	5 0	14 10	234 30	174 38
Maine§	—	0	2	9	7	_	0	2	2	1	_	0	2	9	8
Massachusetts New Hampshire	_	0 0	0 0	_	_	_	0	0 0	_	_	3	3 0	8 3	141 26	106 11
Rhode Island [§]	_	0	4	15	9	_	0	1	3		_	0	5	26	g
Vermont [§]	_	0	2	15	11	—	0	1	2	3	_	0	1	2	2
Mid. Atlantic New Jersey	_2	2 0	9 0	110	136	_	0 0	5 0	23	21	9	27 4	45 8	1,326 180	1,016 153
New York (Úpstate)	1	1	5	36	44	—	0	4	7	9	4	3	14	123	133
New York City Pennsylvania	1	0 1	0 6	74	92	_	0	0 2	16	12	5	17 4	35 10	808 215	491 239
E.N. Central	6	10	40	492	445	1	2	8	95	75	13	15	27	699	790
Illinois	_	0	8	54	22	_	0	5	30	6	9	7	14	324	381
Indiana Michigan	_	3 0	31 1	124 2	125 16	_	0 0	5 1	23 1	21 2	2	1 2	6 9	50 103	82 104
Ohio	6	5	38	312	282	1	1	5	41	46	2	4	9	172	161
Wisconsin	N	0	0	N	N	_	0	0			_	1	4	50	62
W.N. Central Iowa	_	2 0	124 0	120	89	_	0 0	15 0	10	13	3	7 0	14 2	309 15	257 18
Kansas	—	0	11	64		—	0	2	6	_	—	0	2	20	24
Minnesota Missouri	_	0 1	123 5	47	51 36	_	0	15 0	_	10 3	3	1 4	4 11	62 203	44 151
Nebraska§	_	0	1	2	1	_	0	0	_	_	_	0	1	200	7
North Dakota South Dakota	_	0 0	0 3	7	- 1	_	0 0	0 1	4	_	_	0 0	0 3	7	1 12
S. Atlantic	11	20	59	, 885	998	1	4	15	189	173	10	50	180	, 2,183	1,917
Delaware	—	0	1	8	—	_	0	1	2	—		0	3	[′] 15	17
District of Columbia Florida	9	0 11	1 29	5 510	24 528	- 1	0 2	0 8	108	2 110	_	3 17	12 44	157 823	105 656
Georgia	2	7	17	306	345	_	1	10	71	61	_	7	153	337	360
Maryland [§] North Carolina	_	0 0	1 0	1	_	_	0	0 0	_	_	5	6 5	15 23	269 291	271 270
South Carolina [§]	_	0	0	_	_	_	0	0	_	_	—	2	11	86	60
Virginia [§] West Virginia	N	0 1	0 17	N 55	N 101	_	0	0 1	8	_	5	4 0	16 1	200 5	169 9
E.S. Central		3	9	143	163	1	0	3	33	29	8	18	30	785	642
Alabama§	Ν	0	0	N	N	_	0	0	_	—	—	7	16	304	283
Kentucky Mississippi	_	0 0	2 2	21	32 22	_	0	1 0	3	6	1	1 2	7 9	54 96	63 68
Tennessee§	_	2	8	122	109	1	Ő	3	30	23	7	7	15	331	228
W.S. Central	_	2	12	124	72	_	0	3	17	8	7	35	55	1,620	1,403
Arkansas [§] Louisiana	_	0 1	1 4	3 53	10 62	_	0	0 2	7	2 6	6 1	2 9	10 23	114 417	74 287
Oklahoma	_	0	10	68		_	0	2	10	_	_	1	4	53	63
Texas§	—	0	0	—	—	—	0	0	_	—	—	21	39	1,036	979
Mountain Arizona	_	1 0	6 0	56	83	_	0 0	3 0	18	35	1	8 3	24 22	332 149	441 171
Colorado	_	0	0	_	_	_	0	0	_	_	_	1	5	35	61
Idaho [§] Montana [§]	N	0 0	0 0	N	N	_	0	0 0	_	_	_	0 0	1 2	1 3	3
Nevada§	_	0	3	18	16	_	0	2	5	2	_	2	6	87	121
New Mexico [§] Utah	_	0 0	0 6	24	35	_	0	0 3	11	 23	- 1	1 0	7 2	38 16	67 17
Wyoming [§]	_	0	2	14	32	_	0	1	2	10		0	1	3	
Pacific	_	0	0	_	_	_	0	0	_	_	11	39	59	1,710	1,835
Alaska California	N	0 0	0	N	N N	—	0	0 0	—	_	3	0 36	1 56	7 1,565	11 1,631
Hawaii	_	0	Ō	_	_	_	0	Ō	_	_	3	0	1	_	17
Oregon [§] Washington	N N	0	0 0	N N	N N	_	0 0	0	_	_	8	0 2	6 12	15 123	18 158
American Samoa	U	0	0	U	U	U	0	1	 U	 U	o U	2	0	123 U	L
C.N.M.I.	Ū	_	_	Ŭ	Ŭ	U	_	_	U	U	U	_	_	Ū	L L
Guam Puerto Rico	N N	0	0 0	N N	N N	_	0 0	0 0	_	_	8	0 3	1 10	3 145	132
U.S. Virgin Islands	U	0	0	U	U	U	0	0	 U	 U	Ů	0	0	145 U	132 U

Max: Maximum.

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

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

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

^{*} Incidence data for reporting year 2007 are provisional.
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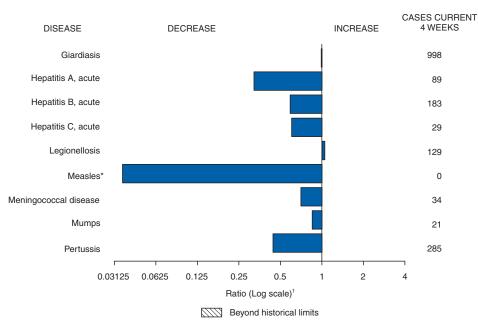
		Vario	ella (chick	(enpox)			Neu	oinvasiv		st Nile vir	us disease		neuroinva	asive§	
			vious	(onpox)			Prev						vious		
Reporting area	Current week		eeks Max	Cum 2007	Cum 2006	Current week		eeks Max	Cum 2007	Cum 2006	Current week		veeks Max	Cum 2007	Cum 2006
United States	505	776	2,813	30,084	39,809	_	1	134	1,102	1,490	1	2	291	2,234	2,767
New England	15	15	124	629	3,768	_	0	2	7	9		0	2	5	3
Connecticut Maine ¹	_	0	76 7	2	1,441 214	_	0	2 0	4	7	_	0 0	1 0	1	_2
Massachusetts	_	0	1	_	1,141	_	0	2	3	2	_	0	2	3	1
New Hampshire Rhode Island ¹	8	7 0	14 0	299	362	_	0	0 0	_	_	_	0 0	0 1	1	_
Vermont ¹	7	5	66	328	610	_	0	0	_	_	_	0	0	_	_
Mid. Atlantic	2	91	195	3,349	4,476	_	0	3	18	26	_	0	1	6	12
New Jersey New York (Upstate)	N N	0	0	N N	N N	_	0	1 0	1	2 8	_	0 0	0 0	_	3 4
New York City		0	0			_	0	3	12	8	_	0	1	2	4
Pennsylvania	2	91	195	3,349	4,476	_	0	1	5	8	—	0	1	4	1
E.N. Central Illinois	121	209 3	568	8,476 147	12,973 128	_	0	18 13	104 60	244 127	—	0 0	11 8	59 36	174 88
Indiana	N	0	11 0	147 N	128 N	_	0	4	13	27	_	0	2	10	53
Michigan	44	84	258	3,473	4,230	—	0	5	13	43	—	0	0		12
Ohio Wisconsin	77	83 17	449 80	4,018 838	7,698 917	_	0	4 2	13 5	36 11	_	0 0	3 1	8 5	11 10
W.N. Central	21	31	136	1.440	1,613	_	0	40	240	224		0	116	708	484
Iowa	N	0	0	Ń	Ń	_	0	4	11	22	_	0	3	15	15
Kansas Minnesota	_	8 0	52 0	491	296	_	0	3 9	13 45	17 31	_	0 0	7 12	26 54	13 34
Missouri	21	14	78	801	1,186	_	0	9	56	51	_	0	2	12	11
Nebraska ¹ North Dakota	N	0	0 60	N 84	N 45	_	0	5 11	18 49	45 20	_	0 0	15 48	126 316	219 117
South Dakota	_	1	15	64	86	_	0	9	48	38	_	Ő	32	159	75
S. Atlantic	40	97	239	4,333	4,022	_	0	12	40	18	_	0	6	34	14
Delaware District of Columbia	_	1 0	4 8	38 14	63 45	_	0 0	1 0	1	_	_	0 0	0 0	_	2
Florida	26	23	76	1,125	45 N	_	0	1	3	3	_	0	0	_	
Georgia Maryland ¹	N N	0 0	0 0	N N	N N	_	0	8 2	23 6	2 10	_	0 0	4 2	25 4	6
North Carolina		0	0			_	0	1	3	1	_	0	2	2	- -
South Carolina ¹	4	22	72	949	1,044	—	0	2	2	1	—	0	1	2	
Virginia ¹ West Virginia	10	20 22	190 50	1,200 1,007	1,511 1,359	_	0 0	1 0	2	1	_	0 0	1 0	1	5
E.S. Central	27	9	571	527	28	_	0	11	66	118	_	0	14	92	99
Alabama ¹	27	9	571	524	26	—	0	2	16	8	_	0	1	6	
Kentucky Mississippi	N	0	0 2	N 3	N 2	_	0	1 7	4 42	5 89	_	0 0	0 12	83	1 92
Tennessee ¹	Ν	0	0	Ň	Ν	—	0	1	4	16	—	0	1	3	6
W.S. Central	194	156	1,640	8,914	10,393	_	0	28	207	371	—	0	13	90	234
Arkansas ¹ Louisiana	8	11 1	105 11	605 99	867 194	_	0	5 5	13 25	24 90	_	0 0	2 3	7 11	5 87
Oklahoma	_	0	0	—	N	_	0	11	52	27	_	0	7	42	21
Texas ¹	186	149	1,534	8,210	9,332	_	0	16	117	230	_	0	5	30	121
Mountain Arizona	85	53 0	131 0	2,381	2,536	_	0 0	36 7	261 39	392 67	_	1 0	139 12	998 46	1,485 80
Colorado	41	21	62	971	1,341	_	0	17	96	66	_	0	65	459	279
Idaho ¹¹ Montana ¹¹	N 13	0 6	0 40	N 366	N N	_	0 0	2 10	8 37	139 12	_	0 0	19 30	101 162	857 22
Nevada ¹	_	0	40	1	10	_	0	10	1	34	_	0	30	102	90
New Mexico ¹	4 27	5 12	37	325 684	349	_	0	8 8	38 27	3	_	0 0	6	22	5
Utah Wyoming ¹		0	73 9	34	775 61	_	0	o 4	15	56 15	_	0	7 33	33 165	102 50
Pacific	_	0	9	35	_	_	0	18	159	88	1	0	23	242	262
Alaska	—	0 0	9 0	35	N	_	0 0	0	—	 81		0	0	_	_
California Hawaii	N	0	0	N	N N	_	0	17 0	152	_	1	0 0	21 0	223	197
Oregon ¹	N	0	0	N	Ν	_	0	3	7	7	—	0	4	19	62
Washington	N	0	0	N	N	_	0	0		_	_	0	0	_	3
American Samoa C.N.M.I.	U U	0	0	U U	U U	U U	0	0	U U	U U	U U	0	0	U U	U U
Guam	_	4	30	168	243	_	0	0	_	_	_	0	0	_	
Puerto Rico U.S. Virgin Islands	 U	10 0	30 0	467 U	541 U	 U	0 0	0 0	 U	 U	U	0 0	0 0	 U	U
	olth of North	-	U De lalanda	0	0	0	U	U	0	0	0	U	U	0	0

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending November 17, 2007, and November 18, 2006 (46th Week)*

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 2007 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. 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. "Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE III. Deaths	in 122 U.S. cities,* week ending November All causes, by age (years)					17, 200	7 (46th Week)	All causes, by age (years)							
	All			,			P&I [†]		All		<u> </u>	,			P&I [†]
Reporting Area	Ages	<u>≥</u> 65	45-64	25-44	1-24	<1	Total	Reporting Area	Ages	≥65	45-64	25-44	1-24	<1	Total
New England	485	343	96	27	3	16	32	S. Atlantic	1,115	687	275	80	37	36	56
Boston, MA Bridgeport, CT	115 34	74 26	32 5	5 1	2	2 2	6 2	Atlanta, GA Baltimore, MD	89 128	56 80	24 29	7 9	1 8	1 2	1 9
Cambridge, MA	14	11	3	_	_		1	Charlotte, NC	120	70	23	11	5	3	9
Fall River, MA	24	22	1	1	_	_	4	Jacksonville, FL	216	122	63	17	4	10	12
Hartford, CT	50	31	12	5	_	2	5	Miami, FL	65	42	13	4	4	2	2
Lowell, MA	12	8	3	1	_	_	_	Norfolk, VA	55	32	14	5	2	2	3
Lynn, MA	6	4	_	2	—	—	—	Richmond, VA	57	36	14	6	1	_	
New Bedford, MA	18	16	2	_	_	_		Savannah, GA	54	39	9	2	1	3	4
New Haven, CT Providence, RI	24 39	17 26	2 8	2 3	_	3 2	4 3	St. Petersburg, FL Tampa, FL	48 173	31 108	10 47	3 11	2 4	2 3	4 6
Somerville, MA	6	4	1	1	_			Washington, D.C.	100	58	24	5	5	8	5
Springfield, MA	57	38	10	4	1	4	5	Wilmington, DE	14	13	1	_	_	_	1
Waterbury, CT	25	21	3	1	_	_	2		823				01	14	60
Worcester, MA	61	45	14	1	—	1	—	E.S. Central Birmingham, AL	823 98	530 59	201 29	57 8	21 2	14	3
Mid. Atlantic	2,056	1,390	473	112	42	39	108	Chattanooga, TN	101	74	20	1	5	1	8
Albany, NY	43	28	11	1		3	3	Knoxville, TN	90	52	25	9	3	1	6
Allentown, PA	35	22	5	7 4	1	_		Lexington, KY	62	39	18	3	1	1	2
Buffalo, NY Camden, NJ	94 15	59 8	24 5	4	2 1	5 1	6	Memphis, TN Mobile, AL	199 77	129 47	45 19	14 8	4	7 2	19 6
Elizabeth, NJ	16	11	4	1	_	_	3	Montgomery, AL	47	38	4	3	1	1	7
Erie, PA	51	39	10	2	_	_	1	Nashville, TN	149	92	41	11	4	1	9
Jersey City, NJ	15	9	3	3	_	_	1	W.S. Central	1,400	866	357	104	37	36	66
New York City, NY	1,065	728	254	51	17	15	45	Austin, TX	1,400 96	61	21	9	2	30	8
Newark, NJ	27	17	7	2	1		3	Baton Rouge, LA	67	32	16	10	9	_	_
Paterson, NJ	23	13	8	1	10	1	4	Corpus Christi, TX	71	43	17	8	1	2	4
Philadelphia, PA Pittsburgh, PA§	307 32	182 22	74 6	28 4	13	10	15 2	Dallas, TX	185	111	49	17	4	4	8
Reading, PA	26	22	2	1	_	1	1	El Paso, TX	34	22	7	2	3	_	_
Rochester, NY	133	95	30	3	5	_	14	Fort Worth, TX	134	84	42	2		6	6
Schenectady, NY	26	23	3	—	—	_	_	Houston, TX Little Rock, AR	387 64	232 40	102 15	26 7	12	15 2	20 1
Scranton, PA	24	22	2		_	_	4	New Orleans, LA ¹	Ŭ	Ű	Ű	Ú	U	Ū	Ů
Syracuse, NY	69	48	18	1		2	5	San Antonio, TX	214	139	55	16	3	1	10
Trenton, NJ Utica, NY	21 15	15 13	2 1	1	2	1	_	Shreveport, LA	55	36	11	5	2	1	5
Yonkers, NY	19	13	4	1	_	_	1	Tulsa, OK	93	66	22	2	1	2	4
E.N. Central	2,035	1,377	444	120	39	54	115	Mountain	971	634	232	53	34	18	58
Akron, OH	38	31	5	1	_	1	_	Albuquerque, NM	100	65	27	4	2	2	4
Canton, OH	36	30	5	1	_	_	1	Boise, ID Colorado Springs, CO	57 73	41 52	7 17	6 2	2 1	1 1	3 2
Chicago, IL	361	226	87	23	13	12	31	Denver, CO	73	52 42	24	2 5	_	1	2
Cincinnati, OH	77	49	21	3	2	2	7	Las Vegas, NV	230	146	66	11	6	1	14
Cleveland, OH	246	178	48	13	2	5 5	8	Ogden, UT	32	25	5	_	1	1	3
Columbus, OH Dayton, OH	194 128	133 92	38 23	16 9	2 1	э З	8 6	Phoenix, AZ	148	85	38	9	11	5	9
Detroit, MI	163	86	54	9	7	7	13	Pueblo, CO	28	16	7	4	1	_	1
Evansville, IN	56	40	11	4	1	_	7	Salt Lake City, UT Tucson, AZ	100	68 94	20 21	5 7	7 3	6	11 2
Fort Wayne, IN	69	47	15	3	1	3	4	, '	131						
Gary, IN	14	5	2	2	2	2	_	Pacific	1,254	870	270	71	20	23	76
Grand Rapids, MI	39 157	27 101	7 37	3 11	2 3	5	4 8	Berkeley, CA Fresno, CA	14 67	10 44	4 14	6	2	1	3
Indianapolis, IN Lansing, MI	39	34	5			- 5	0 1	Glendale, CA	07 U	44 U	14 U	Ŭ	Ű	Ŭ	U
Milwaukee, WI	104	66	28	8	_	2	2	Honolulu, HI	84	63	12	5	2	2	10
Peoria, IL	69	49	10	4	2	4	6	Long Beach, CA	60	37	16	3	2	2	8
Rockford, IL	47	34	10	3	—	_	1	Los Angeles, CA	U	U	U	U	U	U	U
South Bend, IN	57	42	12	1		2	1	Pasadena, CA	17	10	5	1		1	3
Toledo, OH	84 57	60 47	18	4	1	1	4	Portland, OR	121	79	28	10	1	3	6
Youngstown, OH			8	2	_	_	3	Sacramento, CA San Diego, CA	198 176	130 128	50 32	12 8	4 3	2 5	10 8
W.N. Central	512	347	106	21	18	20	34	San Francisco, CA	44	31	9	2		2	2
Des Moines, IA	62	46	14	1	1	_	6	San Jose, CA	171	121	32	12	3	3	11
Duluth, MN Kansas City, KS	35 25	26 15	6 8	2 1	1	1	2 6	Santa Cruz, CA	26	22	3	1		_	2
Kansas City, MO	25 86	58	18	3	5	2	5	Seattle, WA	109	72	30	5	1	1	8
Lincoln, NE	35	26	7	_	2	_	1	Spokane, WA	53	37	11	3	1	1	3
Minneapolis, MN	60	30	11	5	7	7	3	Tacoma, WA	114	86	24	3	1	_	2
Omaha, NE	58	42	10	3	_	3	2	Total	10,651**	7,044	2,454	645	251	256	605
St. Louis, MO	36	20	11	2	_	3	3								
St. Paul, MN	40	31	8		_	1	1								
Wichita, KS	75	53	13	4	2	3	5	1							

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals November 17, 2007, with historical data



* No measles cases were reported for the current 4-week period yielding a ratio for week 46 of zero (0).
† Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

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