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Influenza Activity — United States, 2000–01 Season

This report summarizes influenza activity in the United States during October 1–November 25, 2000 (1)*. Influenza activity was low during this period, and influenza virus isolates were reported from 11 states. The viruses most frequently isolated were influenza A (H1N1) and were well matched by the 2000–01 influenza vaccine strains.

During October 1–November 25, 1% of patient visits to U.S. sentinel physicians were for influenza-like illness (ILI)[†]. During the week ending November 25 (week 47), among each of the nine surveillance regions, patient visits for ILI were at baseline levels (0–3%); 24 state and territorial health departments reported no influenza activity, 24 reported sporadic activity, and two (Kentucky and Texas) reported regional activity (1)[§]. No states reported widespread activity. The 122 Cities Mortality Reporting System attributed 6.5% of total deaths to pneumonia and influenza (P&I). This percentage was below the epidemic threshold of 7.9% for week 47. Deaths attributed to P&I have remained below the epidemic threshold for each week since October 1 (1)[§].

During October 1–November 25, World Health Organization (WHO) collaborating laboratories and National Respiratory and Enteric Virus Surveillance System laboratories in the United States tested 8511 specimens for influenza; 118 (1.4%) were positive for laboratory-confirmed influenza. Of these, 101 (86%) were influenza A and 17 (14%) were influenza B. The percentage of positive influenza infections identified each week, an important early indicator of influenza activity, increased from zero for the week ending October 21 to 4% for the week ending November 25. Typically, during peak influenza activity, approximately 30%–34% of specimens submitted for respiratory virus testing

^{*}The four components of the influenza surveillance system have been described (1). Information reported as of November 30, 2000.

[†]Temperature ≥100.0 F (≥37.8 C) and either cough or sore throat in the absence of a known cause.

[§]Levels of activity are 1) no activity; 2) sporadic—sporadically occurring ILI or culture-confirmed influenza with no outbreaks detected; 3) regional—outbreaks of ILI or culture-confirmed influenza in counties with a combined population of <50% of the state's population; and 4) widespread—outbreaks of ILI or culture-confirmed influenza in counties with a combined population of ≥50% of the state's population.

Before the 1999–2000 season, the case definition for P&I deaths was modified. CDC analysis estimated that the revised case definition resulted in an average increase in baseline P&I mortality estimates of 0.8% for 1999–2000. Thus, the 122 cities P&I mortality baseline and epidemic threshold for the 2000–01 season have been adjusted upward. The epidemic threshold is 1.645 standard deviations above the seasonal baseline. The expected seasonal baseline is projected using a robust regression procedure in which a periodic regression model is applied to observed percentages of deaths from P&I since 1983.

Influenza Activity — Continued

have tested positive for influenza viruses. Of the 101 influenza A isolates collected, 86 (85%) have been subtyped; 79 (92%) were A (H1N1) and seven (8%) were A (H3N2). Of the three influenza A isolates that were characterized antigenically at CDC, two were A/New Caledonia/20/99-like (H1N1) viruses, the H1N1 component of the 2000–01 vaccine strain, and one was an A/Panama/2007/99-like (H3N2) virus, the H3N2 component of the 2000–01 vaccine strain. One influenza B isolate collected since October 1 was similar to the recommended vaccine strain B/Beijing/184/93.

Reported by: Participating state and territorial epidemiologists and state public health laboratory directors. WHO collaborating laboratories. National Respiratory and Enteric Virus Surveillance System laboratories. Sentinel Physicians Influenza Surveillance System. Surveillance Systems Br, Div of Public Health Surveillance and Informatics, Epidemiology Program Office; Mortality Statistics Br, Div of Vital Statistics, National Center for Health Statistics; WHO Collaborating Center for Reference and Research on Influenza, Respiratory and Enteric Virus Br, and Influenza Br, Div of Viral and Rickettsial Diseases, National Center for Infectious Diseases, CDC.

Editorial Note: All four influenza surveillance system components indicated that influenza activity was low during October–November 25 in the United States, and lower than the same period in 1999. However, the percentage of respiratory specimens that were laboratory-confirmed influenza each week began to increase during this period, and influenza activity is expected to increase during the next few weeks to months. Both influenza A and influenza B viruses were isolated. So far this season, the viruses isolated most frequently were influenza A (H1N1); however, it is too early to know what strain(s) will predominate. Seasonal epidemics caused by influenza A (H1N1) viruses have been less severe than seasons in which influenza A (H3N2) viruses predominated (2). Although a very small number of influenza isolates have been characterized antigenically so far this season, all were well matched to the 2000–01 influenza vaccine strains.

The best prevention against influenza is vaccination. This season, a quantity of influenza vaccine similar to 1999–2000 will be available; however, vaccine distribution has been delayed (3,4). This delay may have limited the opportunity for vaccination of persons at high risk for complications from influenza, household contacts of high-risk persons, and health-care providers who care for high-risk persons; therefore, vaccination efforts for these groups should continue during December, January, and beyond, if necessary. Efforts also should be made to vaccinate persons aged 50–64 years. Unvaccinated persons can benefit from influenza vaccination even after influenza activity has begun in their community.

As of December 4, approximately 51.2 million (68%) of the 75 million doses of influenza vaccine projected to be produced this year had been distributed. CDC has contracted with Aventis Pasteur to produce 9 million of the 75 million doses, and this vaccine will be available for distribution beginning in mid-December (5). Information on vaccine prices and ordering procedures is available on the World-Wide Web, http://www.cdc.gov/nip/flu-vac-supply. The deadline for placing applications for orders is December 15, 2000. As of December 4, applications had been received for approximately 46% of this vaccine.

Four prescription antiviral medications are approved for treating uncomplicated influenza: Amantadine is approved to treat influenza A in persons aged ≥ 1 year, rimantadine for treating influenza A in adults, Zanamivir for treating influenza A and B in persons aged ≥ 7 years, and Oseltamivir for treating influenza A and B in persons aged ≥ 18 years.

Influenza Activity — Continued

These four antiviral agents can reduce the duration of influenza symptoms by approximately 1 day if treatment is started within 48 hours of symptom onset, but the agents differ in routes of administration, contraindications, adverse effects, and cost. Three antiviral medications are approved for chemoprophylaxis of influenza but are not substitutes for influenza vaccination. Amantadine and rimantadine are approved for chemoprophylaxis of influenza A in persons aged ≥1 year. Oseltamivir recently was approved for chemoprophylaxis of influenza A and B in persons aged ≥13 years. Chemoprophylactic use of antiviral drugs can be helpful in controlling influenza outbreaks in specific situations (e.g., in long-term—care facilities). Long-term antiviral chemoprophylaxis also might be indicated for high-risk institutionalized persons or persons at high risk for complications from influenza if vaccine is unavailable, ineffective (e.g., in severely immunocompromised persons), or contraindicated. Widespread use of antiviral drugs as chemoprophylaxis for influenza is not recommended.

CDC collects and reports U.S. influenza surveillance data during October–May. This information is updated weekly and is available through CDC voice information system, telephone (888) 232-3228, the fax information system, telephone (888) 232-3299 (request document number 361100), or on the World-Wide Web, http://www.cdc.gov/ncidod/diseases/flu/weekly.htm.

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Pseudomonas Dermatitis/Folliculitis Associated With Pools and Hot Tubs — Colorado and Maine, 1999–2000

During 1999–2000, outbreaks of *Pseudomonas aeruginosa* dermatitis and otitis externa associated with swimming pool and hot tub use occurred in Colorado and Maine. This report summarizes these outbreaks and provides recommendations for swimming pool and hot tub operation and maintenance, particularly when using offsite monitoring of water disinfectant and pH levels or when cyanuric acid is added to pools as a chlorine stabilizer.

Colorado

In February 1999, the Colorado Department of Public Health and Environment (CDPHE) was notified of approximately 15 persons with folliculitis after they had used a hotel pool and hot tub. The cases occurred among children and adults attending two birthday parties at the hotel and among community residents who entered the pool on a pay-to-swim basis. The patients were treated for suspected *Pseudomonas* skin infections; one patient tested positive for *Pseudomonas* sp. by culture of a skin lesion.

Twenty-five community residents who used the pool and/or hot tub during February 5–7, were identified through discussions with area physicians, hotel management, and other swimmers. These community residents were interviewed by CDPHE using a telephone questionnaire. Case-patients were defined as persons who developed dermatitis/ folliculitis, with or without other symptoms, within 3 days of using either the pool or hot tub at the hotel during February 5–7. Questionnaires were completed for 22 (88%) of the 25 persons identified. Of the 20 persons who used the hot tub, 19 developed a rash and met the case definition. Fourteen (74%) of the 19 case-patients had more severe illness (rash \geq 2 weeks or rash and one other symptom) (Table 1), some lasting >6 weeks.

Specimens collected during the environmental inspection in May from the hot tub filter and hand rail base were positive for *Pseudomonas aeruginosa* and other *Pseudomonas* species. The pool and hot tub used separate filtration systems; each had an automated chlorination system that relied on an onsite probe to measure free chlorine and pH levels and deliver set levels of chlorine using calcium hypochlorite tablets and muriatic acid for pH control. A printout of the hourly free chlorine and pH levels in the pool and hot tub revealed that free chlorine levels dropped below state-required levels (1 mg/L) on the evening of February 4 and remained below recommended levels for approximately 69 hours. The decline in pool chlorine levels was the result of a faulty chlorine pellet dispenser. Hotel staff did not perform routine onsite water testing for the pool or hot tub.

Maine

The Maine Bureau of Health (MBOH) was notified of several cases of dermatitis/ folliculitis among persons who had stayed at Hotel A in Bangor, Maine, during February 18–27, 2000. To characterize the illness and determine exposures associated with illness, MBOH conducted a case-control study among persons connected with a high school basketball tournament who stayed at hotels with swimming pools and/or hot tubs in Bangor during the outbreak. Case-patients had a rash for ≤7 days or draining otitis externa with onset during February 18–March 3. Case-patients were matched by age and high school with healthy controls. Results from two (12.5%) schools were available for analysis. Nine persons were identified with rash, including one with otitis externa. Onset of symptoms occurred during February 20–March 1. Four of the nine persons were seen by a health-care provider. Case-patients ranged in age from 6–18 years

TABLE 1. Number and percentage of case-patients with *Pseudomonas* dermatitis/folliculitis* associated with pool and hot tub use, by symptom — Colorado, 1999

Symptom	No.	%
Rash	19	(100)
Fatigue	11	(58)
Lymphadenopathy	10	(53)
Fever	8	(42)
Joint pain	7	(37)
Muscle aches	6	(32)
Nodules on feet	5	(26)
Nodules on hands	5	(26)
Chest pain	4	(21)

^{*} n=19.

(median age: 15 years); five were female (Table 2). The nine case-patients stayed at hotel A and spent time in either the hot tub or pool; seven spent time in both. Case-patients were more likely than controls to have spent time in the hot tub (odds ratio [OR]=8.9; p=0.04) or to have used the pool (OR=7.4; p=0.06).

The indoor pool and hot tub were located within 5 feet of each other and had separate filtration systems. Pool disinfectant and pH levels were monitored by an offsite contractor. The pool had an automated chlorination system that relied on an onsite probe to measure chlorine and pH levels and to deliver a set level of chlorine using calcium hypochlorite tablets and muriatic acid for pH control. Chlorine and pH levels were maintained manually in the hot tub. To stabilize chlorine levels, 40–60 mg/L cyanurates were used. During the outbreak, free chlorine levels were tested daily and repeatedly registered <1.0 mg/L, less than the state-required level of 1–3 mg/L, in the pool and hot tub. The pool and hot tub were crowded during the outbreak, and free chlorine levels were very low to zero after the February 25–26 weekend; no measurements were recorded over the weekend.

The facilities had been cleaned thoroughly before the environmental investigation in March. *Pseudomonas aeruginosa* was isolated from the top of the pool filter and from the draining ear of a child aged 6 years who used the pool. Although the pulsed field gel electrophoresis patterns of the two isolates did not match, the pool isolate was obtained after the facilities had been cleaned and may not have reflected the bacterial environment of the pool during the outbreak.

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Editorial Note: *Pseudomonas aeruginosa*, a gram negative rod, is ubiquitous and can cause various mild to severe symptoms (1). *Pseudomonas* dermatitis and otitis externa outbreaks associated with swimming pool and hot tub use are well described (2,3); at least 75 cases during six outbreaks occurred during 1997–1998 (4). Dermatitis outbreaks

TABLE 2. Characteristics and symptoms of case-patients* and controls[†] with *Pseudomonas* dermatitis/folliculitis associated with pool and hot tub use — Maine, 2000

Characteristic	Case-patients	Controls
Female	5	12
Median age (yrs)	15	16
Age range (yrs)	6–18	6–18
Symptom		
Rash	9	0
Raised (not pustule)	5	_
Pustule	3	_
Pruritic	5	_
Headache	6	4
Sore throat	4	3
Earache	3	1
Fever	2	1
Fatigue	2	2

^{*} n=9.

[†] n=25.

usually occur as a result of low water disinfectant levels (2,3), a condition that also increases the risk for transmission of other chlorine-sensitive pathogens (e.g., Escherichia coli O157:H7 and Shigella sonnei) that may cause severe health consequences.

In this report, factors that may have resulted in inadequate disinfectant levels included the use of an offsite contractor who could monitor and alert pool staff to low free chlorine or pH levels but could not change free chlorine or pH levels, and hotel employees with a minimal understanding of the offsite monitoring and alert system, pool maintenance, and the link between inadequate water disinfection and disease transmission. In addition, pools and hot tubs were not monitored routinely onsite to adjust to high bather loads that can lower free chlorine levels. In Maine, cyanuric acid was added to the indoor pool and hot tub. However, cyanuric acid, which is used to reduce chlorine loss as a result of ultraviolet light exposure, is not recommended for indoor pools or hot tubs (5,6) and is prohibited in two states (7); adding this chemical reduces the antimicrobial capacity of free chlorine (8).

To reduce the risk for *Pseudomonas* dermatitis and the transmission of other waterborne pathogens, pool and hot tub operators should 1) adhere to pool and hot tub recommendations and regulatory requirements for pH and disinfectant levels (*6,9,10*); 2) have a thorough knowledge of basic aquatic facility operation; 3) provide training for pool staff on system capabilities, maintenance, and emergency alert procedures of remote monitoring systems; 4) closely monitor pool and hot tub free chlorine measurements during periods of heavy bather loading; 5) monitor hot tub disinfectant levels closely because the higher temperatures maintained serve to dissipate chlorine rapidly; and 6) understand appropriate use and effects of cyanurates on disinfection and testing. In addition, remote-monitoring companies should be timely in notifying swimming-facility staff about low disinfectant levels. Swimmers should be educated about the potential for waterborne disease transmission in pools and hot tubs, which could increase advocacy for improved maintenance and monitoring by pool operators.

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Respiratory Syncytial Virus Activity — United States, 1999–2000 Season

Respiratory syncytial virus (RSV) is the leading cause of lower respiratory tract illness (LRTI) among infants and children worldwide (1) and is an important cause of LRTI among older children and adults (2). Despite the presence of maternal antibodies, most hospitalizations occur among infants aged <6 months, and nearly all children are infected by age 2 years (3). Although primary infection is usually most severe, reinfection throughout life is common (4). In temperate climates, RSV infections occur primarily during annual outbreaks, which peak during winter months (5). In the United States, RSV activity is monitored by the National Respiratory and Enteric Virus Surveillance System (NREVSS), a voluntary, laboratory-based system. This report summarizes trends in RSV activity reported to NREVSS from July 1999 through June 2000 and presents preliminary surveillance data from July 8 through November 21, 2000, which indicate that RSV community outbreaks are becoming widespread.

Clinical and public health laboratories report weekly to CDC the number of specimens tested for RSV by antigen-detection or virus-isolation methods and the number of positive results. RSV activity is considered widespread by NREVSS when 1) >50% of participating laboratories report one or more RSV detections for at least 2 consecutive weeks, and 2) >10% of all specimens tested for RSV during a surveillance week are positive. Of the laboratories reporting data for the week ending November 4, 2000, 32 (53%) detected >10% of specimens positive for RSV for at least 2 consecutive weeks, indicating the onset of widespread RSV activity for the 2000–01 season.

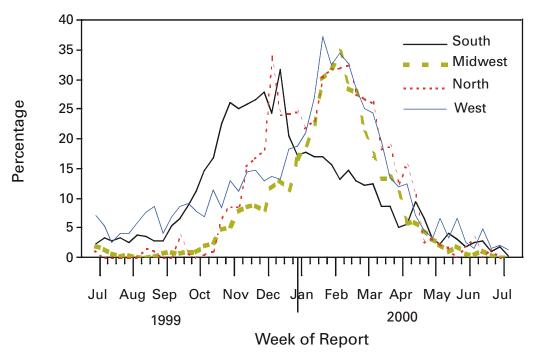
From July 1999 through June 2000, 72 laboratories in 45 states reported 123,769 tests for RSV; 18,981 (15%) were positive for RSV (Figure 1). In the United States, wide-spread RSV activity began during the week of October 30, 1999, and continued for 26 weeks, until the week of March 25, 2000. The timing of the onsets and conclusions of RSV regional outbreaks varied by state: range at onset was September 18 to January 29 and range at conclusions was January 29 to May 6. Regional RSV outbreaks occurred earliest in the South (23 sites; median weeks of onset and conclusion: October 16 and March 11, respectively), later in the Northeast (10 sites; November 27 and April 15), and latest in the Midwest (11 sites; December 28 and April 1) and West (12 sites; November 13 and April 8).*

Although 92% of positive tests were reported for the week ending October 30 through the week ending March 25, RSV was detected throughout the year. For example, during July–August 1999, sporadic RSV isolates were reported from laboratories in California, Colorado, Florida, Hawaii, Louisiana, Texas, Virginia, and Washington.

^{*}Northeast=Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; *Midwest*=Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin; South=Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; West=Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Respiratory Syncytial Virus — Continued

FIGURE 1. Percentage* of specimens testing positive for respiratory syncytial virus, by region[†] and week of report — United States, July 1999–July 2000



- * Weekly laboratory average smoothed using a 3-week running interval.
- [†] Northeast=Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; Midwest=Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin; South=Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; West=Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

For the July 1999–June 2000 surveillance period, the number of specimens that tested positive for RSV, average months of peak activity, and regional trends were similar to trends observed during previous years. The duration of the 1999–2000 RSV season also was consistent with that of previous years, including the typical earlier onset of RSV outbreaks reported by southern laboratories.

Reported by: National Respiratory and Enteric Virus Surveillance System collaborating laboratories. Respiratory and Enteric Viruses Br, Div of Viral and Rickettsial Diseases, National Center for Infectious Diseases, CDC.

Editorial Note: Severe manifestations of RSV infection (e.g., pneumonia and bronchiolitis) most commonly occur among infants aged 2–6 months, and hospitalization rates for these diagnoses have been used as an indicator for severe RSV disease among young children. In the United States, bronchiolitis hospitalization rates among children aged <1 year were 31.2 per 1000 in 1996 (6) and were 61.8 per 1000 children aged <1 year among American Indian/Alaska Native children receiving care through the Indian Health Service (7).

Respiratory Syncytial Virus — Continued

NREVSS consists of 84 widely distributed laboratories and permits characterization of geographic and temporal trends of RSV infections in the United States. NREVSS data can alert public health officials and physicians to the timing of seasonal RSV activity. Although no RSV vaccine is available, RSV immune globulin intravenous and a humanized murine anti-RSV monoclonal antibody are recommended as prophylaxis for some high-risk infants and young children (e.g., those born prematurely or with chronic lung disease) to prevent serious RSV disease (8). Nosocomial transmission of RSV can be controlled by using contact isolation procedures.

The findings in this report are subject to at least three limitations. First, laboratory data serve as an indicator of when RSV is circulating in a community; however, the correlation of these data to disease burden in the population is uncertain. Second, some regions are represented by few laboratories. Finally, results may not be confirmed in some laboratories.

Symptomatic RSV disease can recur throughout life because of limited protective immunity induced by natural infection. As a result, health-care providers should consider RSV as a cause of acute respiratory disease in children and adults during community outbreaks. Persons with underlying cardiac or pulmonary disease or compromised immune systems and the elderly are at increased risk for serious complications of RSV infection, such as pneumonia and death (9). RSV infection among recipients of bone marrow transplants has resulted in high mortality rates (83%) (10). Additional information and updated data on RSV trends are available on the CDC World-Wide Web site at http://www.cdc.gov/ncidod/dvrd/nrevss.

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Public Health Dispatch

Outbreak of Poliomyelitis — Dominican Republic and Haiti, 2000

During July 12–November 18, 2000, 19 persons with acute flaccid paralysis (AFP) were identified in the Dominican Republic, including six laboratory-confirmed cases with poliovirus type 1 isolates. Of the 19 case-patients, 16 (84%) were aged ≤6 years (range: 9 months–21 years). All case-patients were either unvaccinated (n=14) or inadequately vaccinated (n=5). In Haiti, a single laboratory-confirmed poliovirus type 1 case was reported in an inadequately vaccinated child aged 2 years; paralysis onset was August 30. Despite intensive case-finding activities, no additional cases have been identified.

The outbreak virus is unusual because it is derived from oral poliovirus vaccine (OPV) and has 97% genetic similarity to the parental OPV strain (normally vaccine-derived isolates are >99.5% similar to the parent strain) and appears to have recovered the neurovirulence and transmissibility characteristics of wild poliovirus type 1. In comparison, wild polioviruses normally have <82% genetic similarity to OPV (1). The differences in nucleotide sequences among the outbreak isolates suggest that the virus has been circulating for approximately 2 years in an area where vaccination coverage is very low and that the virus had accumulated genetic changes that restored the essential properties of wild poliovirus.

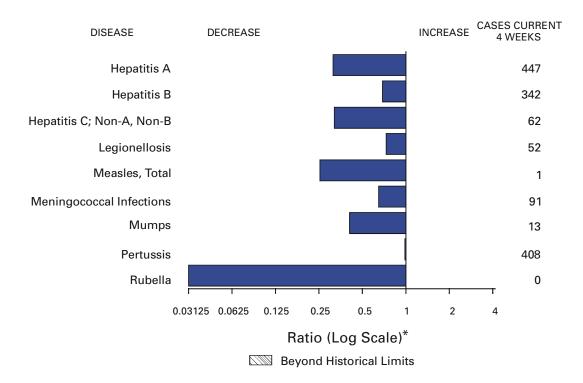
The ministries of health of the Dominican Republic and Haiti, with the assistance of the Pan American Health Organization and CDC, are investigating the outbreak to determine the extent of spread, evaluate the reasons for the outbreak, and initiate appropriate control measures. The Dominican Republic has started a nationwide mass vaccination campaign with OPV, and three nationwide vaccination rounds with OPV are planned for January, February, and March 2001 in Haiti.

Circulation of OPV-derived polioviruses in areas with very low OPV coverage has been documented in one other setting—type 2 OPV-derived virus circulated in Egypt for an estimated 10 years (1983–1993) and was associated with >30 reported cases (2). Vaccination coverage was very low in the affected areas, and circulation of a vaccine-derived poliovirus stopped when OPV coverage increased. The key factor in controlling circulating OPV-derived viruses and wild polioviruses is achieving and maintaining high vaccination coverage. No evidence for circulation of OPV-derived virus has been found in areas with high coverage.

Since 1991, no cases of polio attributed to wild poliovirus have been detected in the Western Hemisphere. The current outbreak underscores the need for polio-free areas to maintain high coverage with polio vaccine until global polio eradication has been achieved. OPV is safe and effective and recommended for the eradication of polio. All countries should maintain high quality AFP and poliovirus surveillance and accelerate current activities to complete the global eradication of wild polioviruses.

Health-care providers should consider polio as a diagnosis in case-patients with a history of travel to other countries of the Western Hemisphere from the Dominican Republic and Haiti who present with AFP usually accompanied by fever. These possible cases should be investigated properly, including collection of stool samples. Suspected cases should be reported immediately to state and local health departments.

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending December 2, 2000, with historical data



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

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending December 2, 2000 (48th Week)

	Cum. 2000		Cum. 2000
Anthrax	_	Poliomyelitis, paralytic	_
Brucellosis*	60	Psittacosis*	10
Cholera	2	O fever*	21
Cyclosporiasis*	38	Rabies, human	I 1
Diphtheria	2	Rocky Mountain spotted fever (RMSF)	403
Ehrlichiosis: human granulocytic (HGE)*	170	Rubella, congenital syndrome	6
human monocytic (HME)*	95	Streptococcal disease, invasive, group A	2,553
Encephalitis: California serogroup viral*	104	Streptococcal toxic-shock syndrome*	67
eastern equine*	2	Syphilis, congenital [¶]	257
St. Louis*	3	Tetanus	24
western equine*	-	Toxic-shock syndrome	122
Hansen disease (leprosy)*	59	Trichinosis	14
Hantavirus pulmonary syndrome*†	30	Tularemia*	109
Hemolytic uremic syndrome, postdiarrheal*	179	Typhoid fever	301
HIV infection, pediatric*§	203	Yellow fever	-
Plague	6		

^{-:} No reported cases.

*Not notifiable in all states.

*Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).

*Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP). Last update November 26, 2000.

*Updated from reports to the Division of STD Prevention NCHSTP.

Updated from reports to the Division of STD Prevention, NCHSTP.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending December 2, 2000, and December 4, 1999 (48th Week)

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	Cum.	Cum.	Chlan Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.
Reporting Area UNITED STATES	2000 ⁵ 36,091	1999 40,781	2000 594,772	1999 603,238	2000 2,431	1999 2,495	2000 4,168	1999 3,534	3,085	1999 2,613
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	1,884 38 31 37 1,137 95 546	2,070 75 46 16 1,319 96 518	19,300 1,309 923 493 8,136 2,357 6,082	19,491 979 905 447 8,226 2,159 6,775	101 20 22 26 30 3	180 29 19 35 69 6	372 31 36 33 158 19 95	396 38 35 32 174 27 90	362 28 35 34 164 18 83	358 33 21 183 26 95
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	7,705 705 3,929 1,592 1,479	10,462 1,196 5,574 1,922 1,770	53,288 N 22,457 7,858 22,973	60,685 N 24,880 11,403 24,402	173 119 11 12 31	569 165 243 46 115	388 280 11 97 N	354 278 17 59 N	275 66 13 109 87	143 8 17 65 53
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	3,442 546 352 1,693 652 199	2,810 462 317 1,345 552 134	96,641 23,202 11,481 26,321 23,516 12,121	102,035 27,108 11,079 30,088 20,772 12,988	776 255 57 7 94 363	613 64 39 87 49 374	963 261 132 183 137 250	952 238 98 494 122 N	565 209 83 14 104 155	513 216 64 86 80 67
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	813 160 86 368 3 7 68 121	934 177 75 449 6 15 62 150	32,919 6,812 4,579 10,486 677 1,697 3,260 5,408	34,844 6,941 4,480 12,323 857 1,459 3,211 5,573	352 131 75 30 15 15 77	197 75 55 25 18 7 15	656 198 180 114 20 55 63 26	514 166 108 45 16 47 101	573 190 147 96 20 58 45	536 184 78 66 18 62 113
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	10,157 199 1,197 785 764 60 667 755 1,117 4,613	11,255 158 1,339 636 777 64 741 917 1,585 5,038	117,456 2,651 12,081 2,980 14,780 1,442 20,009 8,929 24,305 30,279	127,330 2,551 12,112 N 13,144 1,693 20,314 17,381 30,645 29,490	457 6 10 19 17 3 26 - 170 206	359 - 17 7 27 3 29 - 128 148	358 1 32 1 72 15 87 21 42 87	318 6 41 1 71 15 72 19 31 62	265 1 1 U 61 13 65 14 36 74	182 3 4 U 59 9 52 14 2 39
E.S. CENTRAL Ky. Tenn. Ala. Miss.	1,809 186 771 457 395	1,788 256 704 444 384	44,879 7,431 13,616 13,324 10,508	42,302 6,898 13,099 11,774 10,531	47 7 11 15 14	36 7 12 12 5	125 40 55 11 19	137 47 55 27 8	100 32 45 9 14	102 34 43 21 4
W.S. CENTRAL Ark. La. Okla. Tex.	3,708 172 649 320 2,567	4,159 186 814 125 3,034	92,076 5,355 16,686 8,208 61,827	86,084 5,583 15,287 7,593 57,621	123 14 10 17 82	88 2 24 12 50	178 57 9 19 93	139 15 14 37 73	229 38 49 17 125	147 14 14 28 91
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	1,322 14 20 9 300 140 427 137 275	1,605 13 22 11 290 82 816 141 230	33,724 1,264 1,682 725 8,461 4,237 11,817 2,043 3,495	30,564 1,450 1,632 713 5,840 4,559 11,501 1,992 2,877	171 10 23 5 71 21 11 26 4	96 13 8 1 12 41 12 N 9	423 30 73 19 160 23 53 52 13	321 25 64 15 112 13 36 35	282 35 10 110 16 41 70	240 - 43 16 88 7 23 48 15
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	5,251 480 171 4,479 22 99	5,698 336 208 5,047 14 93	104,489 11,583 4,798 83,129 2,187 2,792	99,903 11,104 5,657 78,450 1,711 2,981	231 N 21 210 -	357 N 93 264	705 221 154 287 28 15	403 161 67 161 1	434 200 114 108 1	392 176 68 136 1
Guam P.R. V.I. Amer. Samoa C.N.M.I.	15 1,245 32 - -	17 1,180 35 -	3,027 U U U	432 U U U U	- U U U	- U U U	N 7 U U U	N 7 U U U	U U U U	U U U U

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

*Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

† Chlamydia refers to genital infections caused by *C. trachomatis*. Totals reported to the Division of STD Prevention, NCHSTP.

† Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update November 26, 2000.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending December 2, 2000, and December 4, 1999 (48th Week)

	Gono	orrhea	Hepati Non-A,	tis C;	Legione		Listeriosis	Ly	me ease
Reporting Area	Cum. 2000§	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 2000	Cum. 1999
UNITED STATES	310,863	332,617	2,789	2,680	887	957	628	12,397	14,598
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	5,383 80 94 60 2,211 594 2,344	6,067 70 104 46 2,280 543 3,024	15 2 - 4 4 5	16 2 - 7 4 3	51 2 3 5 16 8 17	77 3 8 14 27 11	52 2 4 3 26 1 16	4,229 62 37 1,098 550 2,482	4,330 41 22 23 768 464 3,012
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	33,351 6,625 9,825 5,303 11,598	36,734 6,293 11,268 7,252 11,921	610 64 - 510 36	120 56 - - 64	196 86 - 15 95	233 58 43 18 114	148 81 27 21 19	6,256 3,455 85 1,448 1,268	7,841 3,713 134 1,656 2,338
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	58,182 14,009 5,435 17,579 16,024 5,135	64,386 16,741 5,816 21,407 14,493 5,929	203 12 1 18 172	870 4 1 47 802 16	231 107 39 9 49 27	258 77 43 31 64 43	107 54 8 11 29 5	315 82 32 11 - 190	574 43 18 17 11 485
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak.	14,953 2,678 1,086 7,138 40 263	15,358 2,611 1,141 7,611 76 186	452 5 2 429 -	287 10 - 273 1 -	57 7 13 26 - 2	55 13 13 18 2 3	13 5 2 5 1	420 322 32 44 1	301 188 22 64 1
Nebr. Kans.	1,287 2,461	1,347 2,386	6 10	3	4 5	6	-	4 17	11 15
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	86,698 1,598 8,538 2,558 9,584 465 16,330 10,919 15,992 20,714	97,717 1,562 9,278 3,385 8,869 531 18,140 13,818 21,059 21,075	118 - 18 3 3 15 17 3 3 56	152 - 21 1 10 17 33 22 1	185 10 63 6 33 N 15 6 7 45	135 18 33 4 32 N 14 11 2	102 2 22 - 8 5 - 9 21 35	937 140 506 10 143 32 44 13	1,244 148 847 6 114 18 72 6
E.S. CENTRAL Ky. Tenn. Ala. Miss.	32,260 3,248 10,844 10,345 7,823	33,719 3,113 10,527 10,448 9,631	407 34 91 8 274	296 23 114 1 158	32 18 10 3 1	48 20 22 4 2	20 3 13 4	47 12 28 6 1	97 17 56 20 4
W.S. CENTRAL Ark. La. Okla. Tex.	48,777 2,920 12,406 3,667 29,784	49,137 3,076 12,147 3,725 30,189	430 9 296 10 115	519 28 292 16 183	18 - 6 5 7	30 1 8 3 18	15 1 - 6 8	44 4 3 1 36	56 4 9 7 36
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	9,272 48 83 46 2,641 953 3,921 208 1,372	8,920 53 80 30 2,339 909 4,082 212 1,215	385 5 3 302 28 13 19 2	199 5 7 64 32 34 43 6 8	46 2 5 2 16 1 8 12	45 - 2 - 12 1 7 17 6	36 - 1 9 2 15 4 5	30 - 3 9 11 - - 3 4	16 3 3 1 2 2 2
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	21,987 2,110 712 18,491 311 363	20,579 1,946 822 17,117 272 422	169 31 27 109 - 2	221 21 19 181 -	71 18 N 53 -	76 20 N 54 1	135 7 6 119 - 3	119 9 15 93 2 N	139 10 15 114 - N
Guam P.R. V.I. Amer. Samoa C.N.M.I.	559 U U U	48 309 U U	1 U U U	1 U U	1 U U U	- U U U	- - - -	N U U	N U U

N: Not notifiable.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending December 2, 2000, and December 4, 1999 (48th Week)

	eks enum	g Decem	501 2, 20	oo, ana b		4, 1999 (4 Salmoi	nellosis*	-1
	Mal	aria	Rabies	, Animal	NE			HLIS
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
UNITED STATES	1,137	1,354	5,399	6,221	34,436	36,270	29,444	31,039
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	64 6 1 3 27 8 19	61 3 2 4 22 5 25	782 129 21 57 256 60 259	839 166 45 87 211 93 237	2,048 120 136 104 1,149 123 416	2,085 125 134 88 1,128 121 489	2,088 91 135 113 1,166 149 434	2,114 100 131 81 1,146 153 503
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	224 78 80 36 30	397 66 235 54 42	952 650 U 184 118	1,227 865 U 172 190	3,786 1,139 910 772 965	5,043 1,288 1,385 1,116 1,254	4,333 1,237 852 821 1,423	4,929 1,273 1,427 1,056 1,173
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	115 21 6 46 31 11	161 18 21 72 40 10	145 50 - 22 67 6	166 35 13 10 87 21	4,842 1,483 601 1,334 823 601	5,131 1,229 511 1,527 945 919	3,247 1,329 551 129 864 374	4,433 1,029 450 1,480 922 552
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	60 27 2 14 2 1 7 7	73 41 13 13 - - 1 5	505 88 75 50 113 89 2 88	690 104 146 30 135 174 4 97	2,229 495 347 691 55 94 209 338	2,127 547 239 705 44 92 182 318	2,351 626 312 860 74 100 94 285	2,296 679 221 840 62 115 161 218
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	305 5 101 16 49 4 34 2 30 64	328 1 90 18 69 3 30 15 28 74	2,222 49 387 539 109 536 146 306 150	2,021 55 378 543 106 416 132 222 169	7,696 109 742 61 945 161 1,076 701 1,469 2,432	8,276 157 806 72 1,180 165 1,247 633 1,434 2,582	5,214 130 714 U 839 143 1,072 540 1,549 227	6,161 147 847 U 983 147 1,256 489 1,611 681
E.S. CENTRAL Ky. Tenn. Ala. Miss.	45 18 12 14 1	24 7 8 7 2	194 20 99 75	249 35 92 120 2	2,244 360 637 632 615	2,037 393 543 571 530	1,570 249 679 521 121	1,405 277 564 469 95
W.S. CENTRAL Ark. La. Okla. Tex.	19 3 7 9	15 3 10 2	73 20 - 53	466 14 - 90 362	3,823 691 248 373 2,511	3,553 635 697 433 1,788	3,965 587 708 265 2,405	2,666 241 581 338 1,506
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	51 1 4 - 25 - 9 6 6	42 4 3 1 17 3 6 4 4	241 64 9 55 - 20 74 10 9	211 57 5 43 1 9 80 8	2,685 90 121 67 684 223 784 477 239	2,830 78 121 67 685 353 851 487 188	2,139 97 44 646 182 719 451	2,443 1 97 58 671 283 768 516 49
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	254 32 41 170 - 11	253 26 21 193 1	285 - 7 255 23	352 - 4 341 7 -	5,083 560 295 3,944 59 225	5,188 640 399 3,779 53 317	4,537 670 348 3,270 23 226	4,592 792 443 3,064 31 262
Guam P.R. V.I. Amer. Samoa C.N.M.I.	5 U U	- U U	76 U U U	89 U U U	603 U U U	36 593 U U U	U U U U	U U U U

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

* Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending December 2, 2000, and December 4, 1999 (48th Week)

vvec	eks ending		llosis*	ou, and D		4, 1999 (4 philis	TOLII WEEK	<u> </u>
	NET	ss	P	HLIS		Secondary)		rculosis
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
UNITED STATES	19,303	15,442	10,075	9,359	5,479	6,192	11,379	14,047
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	368 10 6 4 256 26 66	838 5 18 6 721 23 65	353 12 8 - 233 35 65	816 - 16 4 702 27 67	70 1 2 - 45 4 18	54 1 3 32 2 16	375 12 17 4 225 30 87	397 16 15 3 220 39 104
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	1,896 719 696 296 185	1,031 262 335 241 193	1,321 211 466 384 260	699 70 227 223 179	244 14 110 42 78	274 19 120 62 73	2,035 259 1,078 504 194	2,379 298 1,232 489 360
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	3,649 386 1,484 931 622 226	3,012 401 314 1,232 467 598	1,120 291 143 76 555 55	1,654 138 107 922 417 70	1,059 68 334 319 295 43	1,153 88 406 389 230 40	1,241 251 105 613 199 73	1,480 238 129 721 298 94
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	2,228 679 510 631 42 7 142 217	1,134 221 62 677 3 18 80 73	1,849 824 316 450 49 4 84 122	756 241 53 339 2 10 64 47	57 13 11 25 - - 2 6	124 9 9 88 - 6 12	417 128 32 179 2 16 23 37	487 186 50 164 6 17 16 48
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	2,821 23 191 77 438 18 363 129 247 1,335	2,304 15 154 51 126 8 198 117 221	1,073 23 109 U 331 9 249 87 167 98	517 10 56 U 63 5 90 61 83 149	1,840 8 275 47 124 2 449 203 358 374	1,977 8 332 43 146 5 441 244 412 346	2,345 14 228 35 255 28 303 110 505 867	2,784 25 247 50 268 37 434 218 555 950
E.S. CENTRAL Ky. Tenn. Ala. Miss.	1,092 480 338 90 184	1,118 228 638 110 142	502 108 339 49 6	663 146 445 61 11	812 80 486 116 130	1,075 99 603 196 177	802 114 280 279 129	955 164 329 287 175
W.S. CENTRAL Ark. La. Okla. Tex.	2,811 200 134 118 2,359	2,492 73 208 509 1,702	2,591 52 177 42 2,320	1,107 26 127 155 799	771 94 201 118 358	976 78 289 169 440	892 158 74 126 534	1,719 158 219 163 1,179
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	1,241 7 44 5 264 158 569 77 117	1,077 9 25 3 194 134 556 61 95	723 - 25 3 189 99 327 80	734 - 12 1 153 103 394 65 6	223 - 1 1 11 21 183 1 5	221 1 1 2 11 200 2 4	444 17 11 4 68 36 196 41 71	494 13 12 3 69 58 212 39 88
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	3,197 436 163 2,553 8 37	2,436 119 91 2,190 3 33	543 405 105 - 3 30	2,413 107 86 2,185 3 32	403 60 6 336 - 1	338 64 7 263 1	2,828 227 25 2,364 91 121	3,352 228 101 2,804 52 167
Guam P.R. V.I. Amer. Samoa C.N.M.I.	32 U U U	17 136 U U U	U U U U	U U U U	152 U U U	140 U U U	119 U U U	62 178 U U U

N: Not notifiable. U: Unavailable. -: No reported cases.
*Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending December 2, 2000, and December 4, 1999 (48th Week)

	H. influ	uenzae,	Н	epatitis (Vi		/pe	T		Meas	les (Rubeo	la)	
	Inva	sive	Α		В		Indige		Impo	rted*	Tota	
Reporting Area	Cum. 2000†	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	2000	Cum. 2000	2000	Cum. 2000	Cum. 2000	Cum. 1999
UNITED STATES	1,115	1,108	11,536	15,227	6,144	6,384	-	60	-	18	78	93
NEW ENGLAND Maine	96 1	90 8	345 21	327 14	88 5	138 1	-	3	-	4	7	11
N.H.	12	17	18	17	16	16	-	2	-	1	3	1
Vt. Mass.	9 36	5 37	10 119	19 131	6 12	4 43	-	1	-	3	3 1	8
R.I. Conn.	4 34	6 17	24 153	21 125	21 28	33 41	-	-	-	-	-	2
MID. ATLANTIC	174	187	1,032	1,108	808	818	-	14	-	5	19	5
Upstate N.Y. N.Y. City	94 38	74 57	215 348	252 371	128 416	170 246	-	9 5	-	- 4	9 9	2 3
N.J. Pa.	32 10	50 6	100 369	143 342	57 207	130 272	-	-	-	- 1	- 1	-
E.N. CENTRAL	137	185	1,416	2,751	663	651	_	9	_	-	9	4
Ohio Ind.	51 28	57 23	249 114	613 99	98 46	87 3 8	-	2	-	-	2	2
III. Mich.	48 7	79 19	592 448	772 1,196	110 408	52 445	-	4 3	-	-	4 3	1 1
Wis.	3	7	13	71	1	29	-	-	-	-	-	-
W.N. CENTRAL Minn.	70 42	70 45	689 183	929 95	516 36	324 52	-	3	-	1 1	4 1	1 1
lowa	1	2	64	137	31	40	-	2	-	-	2	-
Mo. N. Dak.	17 2	10 1	305 3	587 3	381 2	194 2	-	-	-	-	-	-
S. Dak. Nebr.	1 3	2 4	2 33	9 48	1 42	1 20	-	-	-	-	-	-
Kans.	4	6	99	50	23	15	-	1	-	-	1	-
S. ATLANTIC Del.	284 -	233	1,400 -	1,752 2	1,233 -	1,045 1	-	4 -	-	-	4	20 -
Md. D.C.	74 -	66 5	199 24	281 58	113 29	144 25	-	-	-	-	-	-
Va. W. Va.	37 9	19 7	147 53	168 40	156 15	91 23	-	2	-	-	2	18
N.C. S.C.	23 15	31 5	131 76	152 44	236 21	212 63	-	-	-	-	-	-
Ga.	67	62	284	447	220	149	-	-	-	-	-	-
Fla. E.S. CENTRAL	59 48	38 65	486 367	560 383	443 422	337 444	-	2	-	-	2	2 2
Ky.	12	7	45	66	70	45	-	-	-	-	-	2
Tenn. Ala.	23 12	37 18	132 53	147 54	202 51	207 83	-	-	-	-	-	-
Miss.	1	3	137	116	99	109	-	-	-	-	-	-
W.S. CENTRAL Ark.	58 2	60 2	2,172 109	2,884 69	699 75	1,074 80	-	-	-	-	-	12 5
La. Okla.	11 43	15 39	58 250	209 478	91 152	166 145	-	-	-	-	-	-
Tex.	2	4	1,755	2,128	381	683	-	-	-	-	-	7
MOUNTAIN Mont.	111 1	102 3	947 7	1,186 17	527 6	537 17	-	12	-	1 -	13 -	2
ldaho Wyo.	4 1	1 1	34 45	42 8	6 38	28 14	-	-	-	-	-	-
Cólo. N. Mex.	20 23	14 18	200 69	210 50	105 107	92 172	-	2	-	1 -	3	-
Ariz. Utah	47 11	52 9	457 61	661 58	196 24	129 33	-	- 3	-	-	- 3	1
Nev.	4	4	74	140	45	52	-	7	-	-	7	1
PACIFIC Wash.	137 7	116 8	3,168 268	3,907 369	1,188 111	1,353 <i>7</i> 5	-	15 2	-	7 1	22 3	36 5
Oreg.	29 33	38 53	171	233	116 940	107 1,140	-	12	-	3	- 15	12 17
Calif. Alaska	44	9	2,705 11	3,269 13	10	16	-	1	-	-	1	-
Hawaii Guam	24	8	13	23 1	11	15 4	-	-	-	3	3	2 1
P.R.	4 U	2 U	227	327	249	226	- - U	- - U	- - U	-	- - U	-
V.I. Amer. Samoa	Ū	Ü	U U	U	U	U	Ü	Ū	Ü	U U	Ū	U U
C.N.M.I.	U	U	U	U	U	U	U	U	U	U	U	U

N: Not notifiable. U: Unavailable. -: No reported cases.
*For imported measles, cases include only those resulting from importation from other countries.

†Of 233 cases among children aged <5 years, serotype was reported for 99 and of those, 23 were type b.

TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending December 2, 2000, and December 4, 1999 (48th Week)

		an	a Dece	mber 4	, 1999							
	Mening Dise	ase		Mumps			Pertussis		Rubella			
Reporting Area	Cum. 2000	Cum. 1999	2000	Cum. 2000	Cum. 1999	2000	Cum. 2000	Cum. 1999	2000	Cum. 2000	Cum. 1999	
UNITED STATES	1,897	2,169	4	300	336	77	6,064	6,044	-	150	246	
NEW ENGLAND	121	105	-	4	8	15	1,477	805	-	13	7	
Maine N.H.	8 12	5 12	-	-	- 1	9	45 125	- 91	-	2	-	
Vt. Mass.	3 71	5 60	-	- 1	1 4	6	233 1,012	71 578	-	9	- 7	
R.I. Conn.	, 9 18	7 16	-	1 2	2	-	17 45	33 32	-	1	-	
MID. ATLANTIC	177	214	-	23	- 41	5	45 595	959	-	9	- 35	
Upstate N.Y.	61	67	-	10	11	-	299	712	-	2	21	
N.Y. City N.J.	34 40	53 50	-	4 3	12 1	-	51 35	58 27	-	7 -	7 4	
Pa.	42	44	-	6	17	5	210	162	-	-	3	
E.N. CENTRAL Ohio	332 89	384 128	-	3 0 7	46 18	13 9	700 321	564 224	-	1 -	2	
Ind. III.	44 72	58 103	-	1 6	5 11	4	111 <i>7</i> 8	73 91	-	- 1	1 1	
Mich.	101	59 36	-	16	8 4	-	109	63	-		-	
Wis. W.N. CENTRAL	26 166	30 214	-	18	13	- 14	81 563	113 460	-	3	129	
Minn.	21	48	-	-	1	13	347	209	-	1	5	
lowa Mo.	34 88	37 84	-	7 4	7 1	1 -	54 79	90 71	-	1	30 2	
N. Dak. S. Dak.	2 5	4 11	-	-	1 -	-	6 7	18 7	-	-	-	
Nebr. Kans.	8	10 20	-	4 3	3	-	32 38	9 56	-	1	91 1	
S. ATLANTIC	289	366	1	46	48	6	469	413	-	94	35	
Del. Md.	1 26	10 52		10	 - 6	1	9 106	5 118	-	1	- 1	
D.C.	-	4	-	-	2	-	3	1	-	-	-	
Va. W. Va.	39 12	50 8	-	10 -	10	-	106 1	51 3	-	-	-	
N.C. S.C.	36 21	42 43	-	7 11	8 4	-	108 32	93 17	-	82 9	34	
Ga. Fla.	46 108	59 98	- 1	2 6	4 14	2 3	40 64	40 85	-	2	-	
E.S. CENTRAL	123	150	-	7	14	-	104	100	-	5	2	
Ky. Tenn.	26 53	32 60	-	1 2	-	-	53 31	34 42	-	1	-	
Ala.	32	36	-	2	10	-	19	21	-	3	2	
Miss.	12	22	-	2	4	-	1	3	-	-	-	
W.S. CENTRAL Ark.	127 14	204 35	-	30 5	40	2 1	330 35	211 24	-	6	15 5	
La. Okla.	35 27	65 33	-	4	11 1	-	12 40	9 40	-	1 -	- 1	
Tex.	51	71	-	21	28	1	243	138	-	5	9	
MOUNTAIN Mont.	154 4	132 4	2	25 1	26 -	21 -	755 35	741 2	-	2	16 -	
ldaho Wyo.	7 3	11 4	1	1 4	3	2	61 6	144 2	-	-	-	
Colo.	34 12	34	1	2	6	14 3	450	275	-	1	1	
N. Mex. Ariz.	84	14 41	-	1 4	N 8	2	85 82	139 110	-	1	13	
Utah Nev.	7 3	16 8	-	6 6	4 5	-	24 12	57 12	-	-	1 1	
PACIFIC	408	400	1	117	100	1	1,071	1,791	-	17	5	
Wash. Oreg.	59 73	63 74	1 N	11 N	2 N	-	395 113	632 58	-	7 -	-	
Calif. Alaska	260 8	250 7		85 7	82	-	509 22	1,047 5	-	10	5	
Hawaii	8	6	-	14	13	1	32 32	49	-	-	-	
Guam P.R.	- 0	1 13	-	-	3	-	- 6	2 25	-	-	-	
V.I.	9 U	U	Ü	Ü	Ü	Ų	Ú	25 U	U	Ü	Ü	
Amer. Samoa C.N.M.I.	U U	U U	U U	U U	U U	U U	U U	U U	U U	U U	U U	

N: Not notifiable.

U: Unavailable.

-: No reported cases.

TABLE IV. Deaths in 122 U.S. cities,* week ending December 2, 2000 (48th Week)

				De	cem	ber	2, 2000 (48th We								
	ŀ	All Cau	ses, By	Age (Y	ears)		P&I⁺			All Cau	ses, By	Age (Y	ears)		P&I⁺
Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Total	Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Total
NEW ENGLAND Boston, Mass.	620 179	440 111		46 22	12 6	13 6	45 16	S. ATLANTIC Atlanta, Ga.	1,244 173	817 93	263 51	89 14	35 5	39 10	78 4
Bridgeport, Conn		48	19	2	-	1	1	Baltimore, Md.	132	84	23	16	2	7	11
Cambridge, Mass	. 26	23 27		- 1	-	-	1	Charlotte, N.C.	139	89	37	8	2	3	12
Fall River, Mass. Hartford, Conn.	30 63	44	2 11	4	3	- 1	2	Jacksonville, Fla Miami, Fla.	. 164 85	120 47	26 20	9 8	4 8	5 2	11 9
Lowell, Mass.	14	14	-	-	-	-	1	Norfolk, Va.	62	45	11	4	-	2	1
Lynn, Mass. New Bedford, Ma	ss. 32	12 28		1	-	-	1 4	Richmond, Va. Savannah, Ga.	85 38	59 28	14 6	7 1	3 1	1 2	7 2
New Haven, Conn	. 40	26	10	2	.1	1	2	St. Petersburg, F	Fla. 65	50	11	2	2	-	7
Providence, R.I. Somerville, Mass	. U . 9	U 5		U 1	U	U	U 1	Tampa, Fla. Washington, D.(186 C. 100	132 55	36 28	10 10	4 4	4	10 4
Springfield, Mass	. 48	31	10	2	2	3	4	Wilmington, De		15	-	-	-	-	-
Waterbury, Conn. Worcester, Mass.	. 25 71	18 53		3 8	-	1	2 10	E.S. CENTRAL	767	529	151	50	19	16	65
MID. ATLANTIC	2,333	1,677	422	151	38	45	142	Birmingham, Al		105	22 18	7 5	2	5 1	15 3
Albany, N.Y.	2,333 43	36	5	-	-	2	3	Chattanooga, Te Knoxville, Tenn.	101	62 69	18	10	2 2	2	4
Allentown, Pa. Buffalo, N.Y.	34 83	26 66	6 9	1 7	-	1 1	3 12	Lexington, Ky.	71	45 64	16	7 5	1	2	12
Camden, N.J.	31	23		-	-	1	4	Memphis, Tenn. Mobile, Ala.	. 95 69	51	20 11	3	6 2	2	3 4
Elizabeth, N.J. Erie, Pa.§	17 66	16 53	10	1 1	- 1	- 1	- 5	Montgomery, A Nashville, Tenn.	la. 53 147	41 92	10 36	1 12	1 3	- 4	12 12
Jersey City, N.J.	50	33	6	7	3	1	-	,						-	
New York City, N.' Newark, N.J.	Y. 1,162 U	816 U		80 U	13 U	16 U	50 U	W.S. CENTRAL Austin, Tex.	1,375 104	888 64	255 24	138 13	60 2	32 1	88 7
Paterson, N.J.	27	16		1	2	-	-	Baton Rouge, La	. 1	-	-	-	-	-	-
Philadelphia, Pa.	344	230 41		33 4	10 2	11	24 5	Corpus Christi, 7 Dallas, Tex.	Гех. <i>7</i> 3 237	52 147	15 42	5 24	17	1 7	4 24
Pittsburgh, Pa.§ Reading, Pa.	61 24	20	11 4	-	-	3	3	El Paso, Tex.	70	47	18	2	3	-	5
Rochester, N.Y.	176 20	136 16	20 1	9 2	5	6	17	Ft. Worth, Tex. Houston, Tex.	134 472	92 299	27 86	7 60	2 23	6 4	2 8
Schenectady, N.Y Scranton, Pa.§	. 20 45	36		-	1	1	2	Little Rock, Ark.	98	65	17	5	1	10	4
Syracuse, N.Y.	101	78 18		2	1	1	8 5	New Orleans, La San Antonio, Te		33 U	9 U	12 U	8 U	Ū	14 U
Trenton, N.J. Utica, N.Y.	23 26	17	6	3	-	-	1	Shreveport, La.	U	Ū	Ü	Ü	Ū	Ū	U
Yonkers, N.Y.	U	U	U	U	U	U	U	Tulsa, Okla.	123	89	17	10	4	3	2
E.N. CENTRAL	2,425	1,666 50		172 4	54	59	174 6	MOUNTAIN Albuquerque, N	1,082 .M. 113	739 <i>7</i> 7	212 20	72 8	34 5	22 3	79 11
Akron, Ohio Canton, Ohio	72 50	37	17 11	2	-	1	6	Boise, Idaho	47	40	6	1	-	-	4
Chicago, III.	389 122	250		41 8	14	6 7	16 9	Colo. Springs, C Denver, Colo.	olo. 75 104	58 60	7 22	4 11	2 7	4 4	3 7
Cincinnati, Ohio Cleveland, Ohio	154	76 110	29	12	8 1	2 5	8	Las Vegas, Nev.	198	131	52	10	3	2	12
Columbus, Ohio	186	130		13 6	1	5 4	14 14	Ogden, Utah Phoenix, Ariz.	36 197	27 114	7 45	1 21	8	1 7	3 14
Dayton, Ohio Detroit, Mich.	161 227	125 118		28	3 8	10	17	Pueblo, Colo.	45	37	8	-	-	-	6
Evansville, Ind. Fort Wayne, Ind.	45 64	35 45	7 13	2 4	1 1	- 1	8	Salt Lake City, U Tucson, Ariz.	tah 94 173	69 126	11 34	11 5	2 7	1	12 7
Gary, Ind.	19	40 6		3	2	2	-	PACIFIC	1,696		302	113	28	25	156
Grand Rapids, Mi Indianapolis, Ind.		61 172	6 48	4 15	1 4	3 11	9 23	Berkeley, Calif.	23	14	6	2	1	-	3
Lansing, Mich.	250 54	36		4	-	-	23 5	Fresno, Calif. Glendale, Calif.	70 17	55 14	7 2	6 1	1	1	4 1
Milwaukee, Wis. Peoria, III.	164 58	121 43	30 13	10	1 1	2 1	12 5	Honolulu, Hawa	ii 91	66	15	4	2	4	10
Rockford, III.	71	51	11	6	1	2	6	Long Beach, Cal Los Angeles, Cal		70 277	20 67	2 35	- 9	1 7	11 23
South Bend, Ind.	74 106	58 75		3 4	- 4	2	5 6	Pasadena, Calif.	29	20	-	5	2	2	4
Toledo, Ohio Youngstown, Ohi	o 84	75 67	23 11	3	3	-	2	Portland, Oreg. Sacramento, Ca	U lif. 159	U 115	U 31	U 11	U	U 2	U 12
W.N. CENTRAL	850	614	144	49	25	18	6 8	San Diego, Calif	. 200	144	37	10	6	3	24
Des Moines, Iowa	158	114	25	9	8	2	22	San Francisco, C San Jose, Calif.		76 118		1 15	3	2	16 10
Duluth, Minn. Kansas City, Kans	. 40 . 38	28 24		1 4	- 1	-	5 2	Santa Cruz, Cali	f. 49	37	7	4	-	1	7
Kansas City, Mo.	73	53	14	2	1	3	3	Seattle, Wash. Spokane, Wash.	116 81	76 64		13 3	2 1	1 1	14 11
Lincoln, Nebr. Minneapolis, Min	n. 228	47 155	6 46	1 16	2 2	1 9	1 14	Tacoma, Wash.	102	79	19	1	1	-	6
Omaha, Nebr.	85	64	9	7	4	1	11	TOTAL	12,392¶	8,595	2,330	880	305	269	895
St. Louis, Mo. St. Paul, Minn.	U 69	U 59		U 4	U 1	U 1	U 4	-	,	.,	,				
Wichita, Kans.	102	70		5	6	i	6								

U: Unavailable.

-:No reported cases.

*Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of ≥100,000.

A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included. Pneumonia and influenza.

*Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

*Total includes unknown ages.

Public Health Dispatch — Continued

Travelers to the Dominican Republic and Haiti who are not vaccinated adequately should be considered at risk for polio. All travelers should be vaccinated fully against polio according to national vaccination policies (3).*

Reported by: Ministry of Health, Pan American Health Organization, Santo Domingo, Dominican Republic. Ministry of Health, Pan American Health Organization, Port-au-Prince, Haiti. Caribbean Epidemiology Center Laboratory, Pan American Health Organization, Trinidad and Tobago. Div of Vaccines and Immunization, Pan American Health Organization, Washington, DC. Respiratory and Enteric Viruses Br, Div of Viral and Rickettsial Diseases, National Center for Infectious Diseases, and Vaccine Preventable Disease Eradication Div, National Immunization Program, CDC.

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^{*}Current recommendations for children in the United States include a 4-dose vaccination series with inactivated poliovirus vaccine (IPV) at ages 2, 4, 6–18 months, and 4–6 years. Unvaccinated adults should receive three doses of IPV, the first two doses at intervals of 4–8 weeks and the third dose 6–12 months after the second. If three doses cannot be administered within the recommended intervals before protection is needed, alternative schedules are proposed. For incompletely vaccinated persons, additional IPV doses are recommended to complete a series. Booster doses of IPV may be considered for persons who previously have completed a primary series of polio vaccination and who may be traveling to areas where polio is endemic.

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