

MORBIDITY AND MORTALITY

WEEKLY REPORT

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World TB Day — March 24, 2001

March 24, 2001, will mark the 19th annual World TB Day, which recognizes the collaborative efforts of all countries involved in eliminating tuberculosis (TB). TB is the second leading cause of death among infectious diseases worldwide. An estimated 2 billion persons—one third of the world's population—are infected with the bacteria that cause TB, and approximately 2 million persons die each year from TB.

After years of decline in the United States, the number of reported TB cases increased 20% during 1985–1992. This resurgence was associated with deterioration of the infrastructure for TB services; the human immunodeficiency virus epidemic, which substantially increased the risk for active TB among persons with latent TB infection; immigration of persons from countries where TB was endemic; TB transmission in congregate settings (e.g., hospitals and prisons); and development of multidrug-resistant TB. However, a renewed emphasis on TB control and prevention in the mid-to-late 1990s resulted in substantial declines in the disease. In 2000, the provisional number of TB cases decreased for the eighth straight year to an all-time low of 16,372 cases, a 7% decrease over the 17,531 cases reported in 1999.

In 2000, the Institute of Medicine (IOM) released a CDC-commissioned report on the feasibility of eliminating TB in the United States. The report supports a statement by the Advisory Council for the Elimination of Tuberculosis that commits to the goal of eliminating TB in the United States. The IOM report states that more aggressive and decisive action will be required for TB elimination. The report also recommends that the United States further engage in global TB prevention and control efforts. Some of CDC's efforts in this area, specifically projects in the Russia Federation, are highlighted in this issue of *MMWR*. Additional information on World TB Day and CDC's global TB activities are available on the World-Wide Web, http://www.cdc.gov.

Tuberculosis Treatment Interruptions — Ivanovo Oblast, Russian Federation, 1999

In the Russian Federation, the number of tuberculosis (TB) cases increased from 45,000 (34 per 100,000 population) in 1991 to 124,000 (85 per 100,000 population) in 1999 (1). In 1995, the World Health Organization (WHO) implemented a pilot TB control project in the Ivanovo oblast of the Russian Federation (1995 population: 1.3 million), located 175 miles northeast of Moscow. The project is based on the following five

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TB Treatment Interruptions — Continued

elements of the WHO directly observed treatment, short-course (DOTS) strategy for controlling TB: government commitment, laboratory-based diagnosis, a reliable supply of anti-TB medications, direct supervision of standardized treatment, and a recording and reporting system that permits evaluation of treatment outcomes. In most settings, implementing this strategy has resulted in cure rates of $\geq 85\%$ (2,3); however, little improvement occurred in cure rates in Ivanovo after implementation of this strategy in 1995 (4,5). Although 17% of these poor outcomes were attributed to primary multidrugresistant TB (MDR TB) (i.e., TB resistant to at least isoniazid and rifampin) (4), other factors that may have contributed to poor outcomes, such as treatment delay and interruption, were not quantified. To determine the extent of treatment interruption as a potential cause of poor outcomes among TB patients in Ivanovo, CDC reviewed TB treatment records for all newly diagnosed, never-treated pulmonary TB patients registered in Ivanovo from April through June 1999. This report summarizes the results of that analysis and indicates that approximately one fourth of highly infectious TB patients interrupted treatment for 2–8 weeks and nearly one fourth interrupted treatment for more than 8 weeks. On the basis of these results, TB project staff have increased efforts to reduce treatment interruption through use of incentives.

For each patient, the frequency and duration of treatment interruptions and treatment outcomes were recorded. The analysis was limited to new patients whose sputum smears were positive for acid-fast bacilli (AFB). TB treatment requires a minimum of 6 months of anti-TB medications: the first 2 months involve taking four anti-TB medications (i.e., intensive phase), and the following 4 months involve taking two anti-TB medications (i.e., continuation phase). Patients who discontinued medication for 2–8 consecutive weeks but eventually restarted treatment were considered to have interrupted treatment. Standard WHO definitions were used to assign mutually exclusive treatment outcomes for each patient; these definitions were dichotomized further into successful treatment versus poor outcome (5). Patients were considered to have had a successful treatment outcome if they completed 6 months of prescribed medication within 1 year of starting treatment. Patients were considered to have had a poor outcome if treatment failed (i.e., patient remained or again became AFB smear-positive following \geq 5 months of treatment), they defaulted (i.e., interrupted treatment for >8 consecutive weeks), or they died for any reason during the course of TB treatment.

During April–June, 115 newly diagnosed, never-treated pulmonary TB patients were registered; 54 (47%) were AFB smear-positive. The median age of the smear-positive patients was 43 years (range: 17–85 years), and 34 (63%) were male. No patients were documented to have MDR TB by subsequent culture and susceptibility testing. Successful treatment outcomes were documented for 31 (57%) smear-positive patients. Of the remaining 23 with poor outcomes, treatment failed in six (26%) patients, 12 (52%) defaulted, and five (22%) died. Of the patients who died, three died within 1 month of starting treatment and two died in the second and third months of treatment, respectively.

Treatment interruption of 2–8 weeks occurred among 15 (28%) patients. Of patients who interrupted treatment, 13 (87%) were male, and 10 (67%) were aged \leq 50 years. The median number of interruptions per patient was two (range: one–six). Among patients who interrupted treatment, three (20%) interrupted during the intensive phase, 10 (67%) during the continuation phase, and two (13%) during both phases of treatment. The median duration of all interruptions was 3 weeks (range: 2–8 weeks); of 30 interruptions, 20 (67%) were 2–3 weeks and 10 (33%) were 4–8 weeks.

TB Treatment Interruptions — Continued

Of the 31 AFB smear-positive patients who completed treatment, the median duration of treatment was 10 months (range: 6–18 months). Sixteen (52%) completed 6 months of prescribed medication within 6–9 months, eight (26%) within 10–12 months, and seven (23%) within 13–18 months.

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Editorial Note: The incidence of adult TB cases in Ivanovo remained stable from 1996 to 1998 at approximately 45 per 100,000 annually (WHO, unpublished data, 1998). However, primary MDR TB more than doubled from 3.8% in 1996 to 9.4% in 1998 (4). Patients who default are at high risk for developing drug resistance or disease progression (6,7). However, interruptions of shorter duration also are of concern because patient adherence is important for treatment success (8) and to prevent transmission (9).

In Ivanovo, the rates of treatment default and interruption were high. Approximately one third interrupted treatment during the intensive phase, when patients with a high bacillary load are at greatest risk for developing drug resistance and for spreading untreated disease in the community. Half of the patients interrupted treatment more than once, and the median duration of interruption was long, resulting in considerable delays in treatment completion and increasing the workload of staff responsible for tracking patients who interrupted or defaulted. Reasons for treatment interruption included both patient and program factors such as cost of transportation and length of hospital stay required for treatment.

The findings in this report are subject to at least three limitations. First, the sample size of the population was small, limiting statistical power to detect significant differences in outcomes among groups. Second, other risk factors (e.g., human immunodeficiency virus infection and excessive alcohol consumtion) that may have affected the likelihood of both treatment interruption and poor outcomes could not be assessed in the treatment record review. Finally, not all patients were evaluated following treatment completion, and their final treatment outcome was not available.

On the basis of this study and another study examining reasons for treatment interruption (10), the TB project staff were encouraged to concentrate human and financial resources on treatment completion. To improve patient adherence and reduce treatment interruption, patients are now receiving food supplements or free transportation to the clinic. Aggressive efforts are being made to locate and restart treatment in patients who interrupt before completion. Vehicles, fuel, and public transportation passes have been provided to the TB project staff to enable them to find patients who interrupt treatment. Finally, health-care providers are receiving performance-based rewards if their patients complete treatment.

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TB Treatment Interruptions — Continued

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Evaluation of a Directly Observed Therapy Short-Course Strategy for Treating Tuberculosis — Orel Oblast, Russian Federation, 1999–2000

During the 1990s, the number of tuberculosis (TB) cases increased dramatically in the Russian Federation (1–3), and the rise paralleled concomitant increases in TB-associated mortality (2,3). In November 1998, the World Health Organization (WHO), the U.S. Agency for International Development, and CDC, in collaboration with the Central Tuberculosis Research Institute of the Russian Academy of Medical Sciences and the Russian Ministry of Health, identified three regions as demonstration sites for implementing a WHO control strategy program of directly observed treatment short-course (DOTS). The program was designed to provide comprehensive TB care to both civilian and prison populations within each region (oblast), and periodic cohort analyses of treatment outcomes of treatment outcomes for patients enrolled during the first 6 months of the project in Orel oblast and indicates that treatment success rates among TB patients in Orel were high. These findings support the use of DOTS as a control strategy in the Russian Federation.

Orel (1999 population: 900,000) is located approximately 200 miles southwest of Moscow. In 1999, the TB rate for Orel was 72 per 100,000 population, and 3.7% of newly diagnosed, smear-positive patients had primary multidrug-resistant TB (MDR TB) (i.e., TB resistant to at least isoniazid and rifampin). Case finding for TB followed existing national directives, which include the passive detection of symptomatic cases, active case finding among household contacts, and regular screening of groups considered to be at risk (e.g., prisoners, teachers, and health-care workers). In the Russian Federation, TB is generally diagnosed by chest radiograph and clinical findings; however, in the oblasts where the demonstration projects have been implemented, smear microscopy and mycobacterial culture are used by clinicians to diagnose TB. In Orel, clinicians use the standard WHO-recommended short course chemotherapy regimen (isoniazid, rifampin, ethambutol, and pyrazidamine for 2 months followed by isoniazid and rifampin for 4 months) for patients not treated previously for TB.

Treating TB Disease — Continued

Prospective data collection began in October 1999 on all Orel TB patients without a history of TB treatment. Sputum conversion and treatment outcomes for patients registered during October–December 1999 and January–March 2000 are presented in this report. Sputum conversion was defined as achieving three consecutive negative sputum smear and/or culture specimens from a previously positive patient. WHO/International Union Against Tuberculosis and Lung Disease definitions for six mutually exclusive treatment outcomes were used.* Prison patients and retreatment patients (i.e., patients who had previously been treated for TB) were enrolled beginning in January 2000 and were included in the analysis of second quarter outcomes.

A total of 349 patients were enrolled in the study: 128 during October–December 1999 and 221 during January–March 2000; 331 (95%) had pulmonary TB, and 265 (76%) were men. Mean age at diagnosis was 40 years (range: 15–89 years). Enrollment was higher in the second quarter, in part because of the inclusion of prisoners (n=39) and retreatment case-patients (n=six). Of the 310 civilian patients, 182 (52%) had positive smears or cultures for *Mycobacterium tuberculosis* before treatment, and 128 (41%) had negative bacteriologic findings; 146 (47%) reported having symptoms at TB diagnosis, and 164 (53%) were asymptomatic and were identified through routine screening. Culture confirmation of TB diagnosis was significantly higher in symptomatic patients than in those diagnosed through a screening procedure (77% versus 56%; p<0.001). In prisoners, routine biannual screening is mandatory. Fifteen (39%) prison case-patients had positive smears, and 20 (51%) were bacteriologically confirmed.

Of isolates from 179 culture-positive patients tested for susceptibility to five anti-TB drugs, 55 (31%) were resistant to streptomycin, 27 (15%) to isoniazid, 20 (11%) to kanamycin, five (3%) to rifampin, and five (3%) to ethambutol. Six (3%) patients had MDR TB, and all were civilians. MDR TB prevalence was 1% among patients with no history of previous TB treatment (five of 343) and 17% among retreatment cases (one of six).

Treatment success (i.e., patients with bacteriologically documented cure and those who completed treatment) was attained for 88% of new and 60% of retreatment TB patients. Among new, culture-positive pulmonary case-patients, 88% were either cured or completed treatment; this proportion declined to 81% for patients identified as smear-positive at diagnosis. Cure and completion rates among prisoners were high (97%), with no prison patients defaulting. Overall, case-fatality rates were high in Orel (5%), particularly among smear-positive patients (12%).

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^{*}WHO treatment outcomes include bacteriologic cure: patients with a positive smear or culture before treatment and negative bacteriologic results at the end of therapy; treatment completion: patients who complete treatment without bacteriologic proof of cure or failure; treatment failure: patients who fail to achieve bacteriologic conversion within 5 months after the start of treatment, who become smear- or culture-positive again during treatment after a previous conversion, or who are identified with multidrug-resistant TB (i.e., resistant to isoniazid and rifampin with pretreatment positive culture); death: patients who die of any cause during the course of treatment; default: patients who interrupt treatment for ≥2 months after completing at least one month of therapy or patients whose drug intake is <80% of the prescribed doses at any given month during treatment; transferred out: patients who are transferred to another reporting unit before completion of therapy (4).

Treating TB Disease — Continued

Editorial Note: The findings in this report indicate that treatment success rates among TB patients in Orel were high. Although rates for smear-positive patients during the first 6 months of the project were slightly lower than the WHO global target of 85%, these findings are consistent with expected success rates for a newly implemented DOTS project. The higher treatment success rates among Orel patients in whom asymptomatic TB was diagnosed using chest radiograph (without bacteriologic confirmation) compared with those with bacteriologic confirmation may reflect either early diagnosis of disease or incorrect diagnosis. The higher proportion of cases among prisoners identified through asymptomatic radiographic screening in Orel and the lack of defaulters in this group may account for their better outcomes compared with civilians.

The treatment success rates reported here were higher than those reported in the other project areas of the Russian Federation that implemented the DOTS strategy (5–7). Reasons for the higher treatment success rates in Orel may include earlier clinical presentation of patients and efforts by local staff to ensure that patients remained on treatment. Another factor may be the lower rates of MDR TB; studies in other areas of the Russian Federation have documented rates of 5%–22% in new TB patients (5–7). The higher proportion of deaths among Orel TB patients may indicate delays in treatment of TB disease, raising concern about sustained community transmission from unidentified infectious cases, the potential lack of education about TB symptoms in the general population, and the possibility of delayed recognition by physicians.

The public health system in the Russian Federation is struggling to control the newly re-emergent TB epidemic. Although the DOTS strategy is an inexpensive and effective method of TB control in other high-burden countries (1), the adoption of DOTS in the Russian Federation has begun only recently. Because aspects of the strategy depart from long-standing Russian TB control traditions, convincing TB physicians to adopt DOTS has been difficult. The findings in this report suggest that the successful implementation of DOTS in the Russian Federation is possible despite these historic differences in TB control, and that treatment success rates above the WHO global target of 85% can be achieved.

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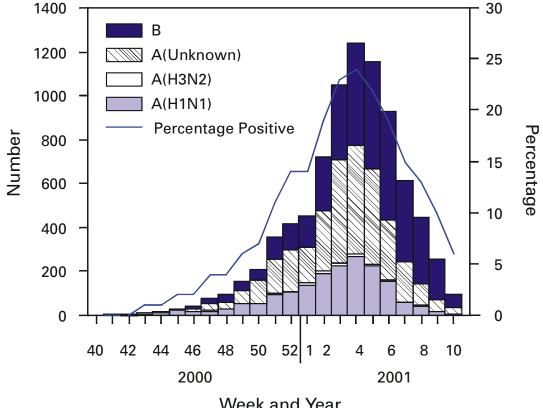
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Influenza Activity — United States, 2000–01 Season

This report summarizes influenza activity in the United States during October 1, 2000– March 10, 2001 (1)*. Influenza activity increased in December and January and peaked at the end of January. The most frequently isolated viruses were influenza A (H1N1); however, influenza B viruses have been co-circulating and appear to be increasing.

During October 1, 2000–March 10, 2001, the World Health Organization (WHO) collaborating laboratories and National Respiratory and Enteric Virus Surveillance System (NREVSS) laboratories tested 64,840 specimens for influenza, and 8386 (13%) were positive. Of these, 4885 (58%) were influenza type A and 3501 (42%) were influenza type B. Of the 4885 influenza A viruses identified, 1826 (37%) were subtyped: 1746 (96%) were A (H1N1) and 80 (4%) were A (H3N2). The percentage of specimens positive for influenza infections, an indicator of influenza activity, peaked at 24% during the week ending January 27, 2001. For the week ending March 10, 6% of tested specimens were positive for influenza (Figure 1).

FIGURE 1. Number* and percentage of respiratory specimens testing positive for influenza reported by World Health Organization and National Respiratory and Enteric Virus Surveillance System collaborating laboratories, by week and year -United States, 2000–01 season



Week and Year

^{*}The four components of the influenza surveillance system have been described (1). Data reported as of March 15, 2001.

Influenza Activity — Continued

CDC antigenically characterized 436 influenza viruses received from U.S. laboratories since October 1. Of the 259 influenza A (H1N1) isolates characterized, 246 (95%) were similar to A/New Caledonia/20/99, the H1N1 component of the 2000–01 influenza vaccine, and 13 (5%) were similar to A/Bayern/07/95. Although A/Bayern-like viruses are antigenically distinct from A/New Caledonia-like viruses, the A/New Caledonia/20/99 vaccine strain produces high titers of antibody that cross-react with A/Bayern/07/95-like viruses (*2*). Of the 16 influenza A (H3N2) characterized viruses, all were antigenically similar to the vaccine strain A/Panama/2007/99. Of the 161 influenza B viruses characterized, 29 (18%) were similar to the vaccine strain B/Beijing/184/93, and 132 (82%) were more closely related antigenically to the B/Sichuan/379/99 reference strain than to the current vaccine strain. The B/Sichuan virus exhibited cross-reactivity with the vaccine strain.

During October 1–March 10, the percentage of patient visits to U.S. sentinel physicians for influenza-like illness (ILI)[†] peaked at 4.1% during the week ending January 27. During that week, the percentage of patient visits for ILI was elevated above baseline levels (0–3%) in six of nine surveillance regions. For the week ending March 10, 1.6% of patient visits to U.S. sentinel physicians were the result of ILI.

As reported by state and territorial epidemiologists, influenza activity[§] peaked during the weeks ending February 3 and 10, 2001, when 38 states reported regional or widespread influenza activity. For the week ending March 10, one state reported widespread activity, 12 states reported regional activity, 35 states reported sporadic activity, one state reported no activity, and one state did not report.

For the week ending March 10, the 122 Cities Mortality Reporting System attributed 8.0% of recorded deaths to pneumonia and influenza (P&I). This percentage was below the epidemic threshold[¶] of 8.7% for this week. The percentage of P&I deaths remained below the epidemic threshold each week since October 1.

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; WHO Collaborating Center for Reference and Research on Influenza, Influenza Br and Respiratory and Enteric Virus Br, Div of Viral and Rickettsial Diseases, National Center for Infectious Diseases, CDC.

Editorial Note: Influenza activity during the 2000–01 season was moderate and lower than the previous three seasons. Three surveillance system components (i.e., WHO/ NREVSS laboratories, U.S. sentinel physicians, and state and territorial epidemiologists' reports) indicated that activity peaked during late January and early February. The predominant influenza strain circulating this season has been influenza A (H1N1); however, the proportion of influenza B virus isolates has been increasing. During the

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

[§] Levels of influenza 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.

[¶]The epidemic threshold is 1.654 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

weeks ending February 24, March 3, and 10, 70% of isolates nationwide were influenza B, and during those weeks influenza B viruses predominated (range: 61%–93%) in eight of nine surveillance regions.

Influenza activity as reported by WHO/NREVSS laboratories and U.S. sentinel physicians peaked during the week ending January 27, when 24% of specimens tested were positive for influenza and 4.1% of visits to U.S. sentinel physicians were the result of ILI. During the previous three seasons, the peak percentage of specimens testing positive for influenza ranged from 28% to 32% and the timing of the peak varied from as early as mid-to-late December during the 1999–2000 season to as late as the middle of February during the 1998–99 season. The peak percentage of patient visits to sentinel physicians for ILI ranged from 4.9% in late December of the 1997–98 season to 5.6% during early February of the 1999–2000 season.

As reported by state and territorial epidemiologists, influenza activity peaked during the weeks ending February 3 and 10, when 38 states reported regional or widespread influenza activity. This peak was lower than those reported during the 1997–98, 1998–99, and 1999–2000 seasons, when 46, 43, and 44 states reported regional or widespread influenza activity, respectively. Similar to the laboratory and sentinel physician data, the peak number of states reporting regional or widespread activity during the 1999–2000 season occurred earlier (mid-January) than this season and either of the previous two seasons.

As reported by the 122 Cities Mortality Reporting System, the percentage of total deaths that resulted from P&I remained below the epidemic threshold each week since October 1. During the previous three seasons, the percentage of deaths attributed to P&I was above epidemic threshold for 10 consecutive weeks each season.

Influenza A (H1N1) viruses, the predominant strain this year, last circulated widely in the United States during the 1995–96 and 1988–89 seasons. Influenza A (H1N1) viruses circulated during 1918–1957, then disappeared for 20 years. The influenza A (H1N1) virus that reappeared in 1977 was antigenically and genetically similar to strains isolated in 1950 and 1951. Since their reappearance in 1977, influenza A (H1N1) viruses have had less impact on persons born during or before the mid-1950s than on those born after that time probably because immunity developed during the 1940s and 1950s (*3*).

CDC collects and reports U.S. influenza surveillance data during October–May. This information is updated weekly and is available through CDC's 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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Notice to Readers

World Water Day — March 22, 2001

In 1992, the United Nations Conference on Environment and Development designated March 22 of each year World Water Day. This year's theme, "Water and Health," will be organized by the World Health Organization (WHO). The objectives of World Water Day are to focus attention on the problems related to the drinking water supply; the importance of conservation, preservation, and protection of water resources; and to increase participation by governments, international agencies, nongovernment organizations, and the private sector in World Water Day activities (1).

Approximately 1.1 billion persons do not have access to potable water, and 2.4 billion persons do not have acceptable sanitation. Diarrhea causes 4 billion episodes of illness and 2.2 million deaths every year; the greatest burden of illness occurs among children aged <5 years. Safe water, adequate sanitation, and hygiene education can reduce diarrheal disease mortality by an estimated average of 65% and related morbidity by 26% (2).

In response to the need for safe drinking water, CDC, in collaboration with the CARE/ CDC Health Initiative, the Rotary Club of Estes Park, Colorado, the Gangarosa International Health Foundation, the CDC Foundation, and CARE has produced *Safe Water Systems for the Developing World: A Handbook for Implementing Household-Based Water Treatment and Safe Storage Projects*. This handbook was developed as a resource for program managers, technical staff, and other personnel in organizations involved in water and sanitation projects. The Safe Water System is a water quality intervention that uses simple, inexpensive technologies to improve water quality at the point of use.

Additional information about World Water Day is available from WHO and the International Water and Sanitation Centre's World-Wide Web site, http:// www.worldwaterday.org*. Information about the Safe Water System is available from the Foodborne and Diarrheal Diseases Branch, National Center for Infectious Diseases, CDC, e-mail: safewater@cdc.gov, telephone (404) 639-2206, and on the World-Wide Web, http://www.cdc.gov/safewater.

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^{*}References to sites of non-CDC organizations on the World-Wide Web are provided as a service to *MMWR* readers and do not constitute or imply endorsement of these organizations or their programs by CDC or the U.S. Department of Health and Human Services. CDC is not responsible for the content of pages found at these sites.

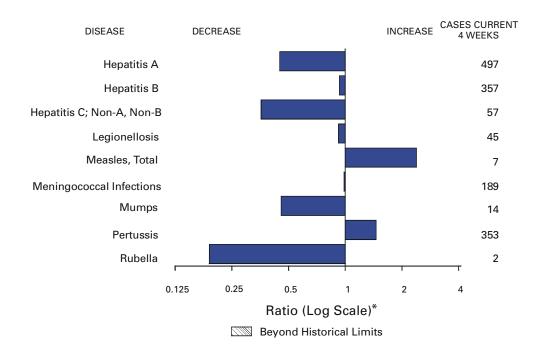


FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending March 17, 2001, with historical data

* 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.

		Cum. 2001		Cum. 2001
Anthrax		-	Poliomyelitis, paralytic	-
Brucellosis*		12	Psittacosis*	3
Cholera		-	Q fever*	2
Cyclosporiasis	*	25	Rabies, human	-
Diphtheria		-	Rocky Mountain spotted fever (RMSF)	18
Ehrlichiosis:	human granulocytic (HGE)*	3	Rubella, congenital syndrome	-
	human monocytic (HME)*	2	Streptococcal disease, invasive, group A	596
Encephalitis:		-	Streptococcal toxic-shock syndrome*	15
•	eastern equine [×]	-	Syphilis, congenital [¶]	5
	St. Louis [*]	-	Tetanus	1
	western equine*	-	Toxic-shock syndrome	29
Hansen diseas	se (leprosy)*	9	Trichinosis	2
Hantavirus pu	Ilmonary syndrome*†	2	Tularemia*	3
Hemolytic ure	mic syndrome, postdiarrheal*	11	Typhoid fever	29
HIV infection,	pediatric* [§]	37	Yellow fever	-
Plague	-	-		

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending March 17, 2001 (11th Week)

-: 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).

³Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP). Last update February 27, 2001.

¹Updated from reports to the Division of STD Prevention, NCHSTP.

		20			0		. I		<i>coli</i> 0157:H7	
	All Cum.	Cum.	Chlan Cum.	Cum.	Cryptos Cum.	ooridiosis Cum.	NET Cum.	SS Cum.	Cum.	LIS Cum.
Reporting Area	2001 ^s 5,820	2000 6,226	2001 117,782	2000 140,712	2001 241	2000 264	2001 169	2000 286	2001 107	2000 225
IEW ENGLAND	200	500	4,222	4,863	7	204	22	280	107	225
Aaine I.H.	200 3 12	6	197 203	284	-	2	3	3	1	20
и.п. ′t.	9	-	123	118	3	6	1	1	-	2
/lass. }.l.	118 24	360 17	1,788 632	2,029 487	1 1	5 2	13	8	9	7
Conn.	34	111	1,279	1,718	2	5	1	10	2	14
MID. ATLANTIC	1,180	1,591	6,797	12,689	19 8	20 12	12 12	28 26	8 6	39 32
Jpstate N.Y. N.Y. City	29 740	65 985	N 4,232	N 5,368	11	4	12	1	1	-
N.J. Pa.	241 170	387 154	781 1,784	2,748 4,573	-	1 3	Ň	1 N	1	2 5
E.N. CENTRAL	463	591	14,366	24,587	82	59	34	51	17	13
Dhio	77	91	234	6,624	26	13 3	16	9 3	10 1	5
nd. II.	45 226	56 354	2,368 3,911	2,699 7,011	11 -	3 6	7 4	3 19	4	3
Vlich. Vis.	97 18	67 23	6,010 1,843	4,629 3,624	24 21	6 31	3 4	10 10	- 2	2 3
W.N. CENTRAL	110	147	5,723	3,024 8,011	8	15	19	49	15	45
Ainn. owa	29 15	31 10	1,213 610	1,731 774	- 4	4	3	9 10	8	19 4
No.	38	67	1,439	2,840	1	4	9	21	4	12
N. Dak. S. Dak.	1	- 2	193 396	209 389	-	1 1	- 1	2	- 1	2 1
Nebr. Kans.	9 18	7 30	619 1,253	718 1,350	3	2 1	- 3	3 4	2	4 3
S. ATLANTIC	1,673	1,508	25,481	26,322	53	38	23	25	10	17
Del.	37	25	645	607	12	-	-	- 5	-	- 1
Md. D.C.	131 166	154 113	2,723 647	2,461 593	3	4	-	_	Ū	U
/a. N.Va.	137 12	113 7	3,302 457	3,300 440	3	1	3 1	5 2	4	5 1
N.C. 5.C.	101 171	74 153	4,134 2,590	4,001 3,498	10	3	13 1	6	2	2
Ga.	187	180	4,822	4,883	12	22	2	2	2	3
la.	731	689	6,161	6,539	13	8	3	5	2	5
E.S. CENTRAL Ky.	360 51	279 37	9,636 1,812	10,447 1,682	4	9	7	14 5	3 2	14 4
Tenn. Ala.	132 95	104 91	2,963 2,506	2,977 3,384	1 2	1 6	4 3	4 1	1	8
Miss.	82	47	2,355	2,404	ī	2	-	4	-	2
V.S. CENTRAL	629	532	20,561	21,121	4 2	14 1	13	16	18	26
Ark. _a.	45 188	20 91	1,877 3,716	994 4,003	1	2	-	4	6	3 7
Okla. Tex.	36 360	17 404	2,095 12,873	1,813 14,311	1	1 10	5 8	4 8	5 7	3 13
MOUNTAIN	241	210	6,434	8,103	20	18	13	29	8	12
Aont. daho	5 5	3 3	366 390	271 421	- 2	1 1	- 2	8 4	-	- 1
Wyo.	-	1	175	164	-	1	-	2	-	2
Colo. N. Mex.	40 15	52 25	576 1,136	2,252 991	12 3	6 1	7	10	4	5
Ariz. Jtah	93 23	55 28	2,685 237	2,729 469	1 2	2 6	4	3 1	3 1	3 1
Nev.	60	43	869	806	-	-	-	1	-	-
PACIFIC Vash.	964 117	868 101	24,562 2,879	24,569 2,670	44 N	71 U	26 4	48 5	13 5	30 8
Dreg.	38	22	1,041	1,005	8	2	3	7	1	6
Calif. Alaska	798 2	721	19,507 493	19,685 501	36	69 -	19 -	32	5	13
lawaii	9	24	642	708	-	-	-	4	2	3
Guam 2.R.	5 158	7 150	- 960	- U	-	-	N	N 1	U U	U U
/.1.	1	5	U	U	U	Ŭ	U	Ú	Ŭ	Ű
Amer. Samoa C.N.M.I.	-	-	U U	U U	U U	U U	U U	U U	U U	U U

TABLE II. Provisional cases of selected notifiable diseases, United States,weeks ending March 17, 2001, and March 18, 2000 (11th Week)

N: Not rotifiable. U: Unavailable. -: No reported cases. C.N.M.L: 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 February 27, 2001.

	Gonor	rhea	Hepatit Non-A, N	is C; Ion-B	Legione	llosis	Listeriosis	Lyme Disease		
Reporting Area	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2001	Cum. 2000	
UNITED STATES	55,257	73,139	311	700	117	135	60	418	854	
NEW ENGLAND Maine	1,170 28	1,376 17	4	5	2	13 2	6	116	127	
N.H. Vt.	26 19	20 10	- 2	- 2	- 1	2	-	42 1	15	
Mass. R.I.	545 155	552 115	2	3	1	7	4	14	30	
Conn.	397	662	-	-	-	2	2	59	82	
MID. ATLANTIC	4,446	7,248	18	133	7	24	6	195	591	
Upstate N.Y. N.Y. City	1,295 1,898	1,131 2,347	11 -	10	5 1	11	3 1	161	189 18	
N.J. Pa.	476 777	1,553 2,217	- 7	116 7	- 1	- 13	- 2	- 34	84 300	
E.N. CENTRAL	6,974	14,784	40	64	39	41	- 8	10	21	
Ohio nd.	185 1,042	3,737 1,227	4	-	20 4	17 5	2	10	2 1	
III.	1,815	4,869	-	- 8	-	4	-	-	1	
Mich. Wis.	3,316 616	3,377 1,574	36	56	11 4	8 7	5 1	Ū	- 17	
W.N. CENTRAL	2,455	3,342	44	96	10	5	2	10	14	
Minn. Iowa	395 202	648 193	-	-	1 2	1 2	-	7	6	
Mo. N. Dak.	1,013	1,643 10	41	93	4	2	1	3	3	
S. Dak.	43	57	-	-	-	-	-	-	-	
Nebr. Kans.	218 575	244 547	2 1	1 2	2 1	-	- 1	-	1 4	
S. ATLANTIC	16,092	20,474	16	16	22	26	8	69	82	
Del. Md.	345 1,713	322 1,654	- 5	1 2	-7	2 8	- 1	61	11 58	
D.C. Va.	667 1,865	467 2,103	-	-	1 2	- 3	- 1	3 2	- 5	
W. Va.	96	119	-	1	N	N	1	-	4	
N.C. S.C.	3,396 2,065	3,625 4,385	4 2	7	2	3 2	-	2	4	
Ga. Fla.	2,496 3,449	3,164 4,635	- 5	- 5	1 9	- 8	2 3	- 1	-	
E.S. CENTRAL	6,377	7,480	43	103	8	3	4	2	-	
Ky. Tenn.	732 2,007	682 2,311	1 11	10 21	5 2	1 1	1 2	2	-	
Ala. Miss.	2,139 1,499	2,594 1,893	- 31	3 69	1	1	1	-	-	
W.S. CENTRAL	10,226	11,050	100	226	1	4	1	-	3	
Ark. La.	1,183 2,568	502 2,822	1 51	3 124	- 1	- 2	1	-	- 2	
Okla. Tex.	1,023 5,452	830 6,896	1 47	99	-	- 2	-	-	- 1	
MOUNTAIN	2,032	2,240	47	33 18	- 7	2	5	- 1	-	
Mont.	18 18	2	- 1	-	-	-	-	-	-	
ldaho Wyo.	15	22 16		-	-	1 -	-	-	-	
Colo. N. Mex.	751 184	763 186	3 5 6	9 4	3 1	4	1 1	-	-	
Ariz.	732	903	-	4	2	- 3	1	-	-	
Utah Nev.	24 290	70 278	2	- 1	- 1	-	2	1	-	
PACIFIC	5,485	5,145	29 7	39	21	11	20	15	16	
Wash. Oreg.	645 196	495 110	7 4	4 9	4 N	5 N	2	2	- 1	
Caliť. Alaska	4,471 55	4,391 59	18	26	17	6	18	13	15	
Hawaii	118	90	-	-	-	-	-	Ň	Ň	
Guam P.R.	263	- 97	-	- 1	- 2	-	-	- N	- N	
V.I.	U	U	U	U	U	U	-	U	U	
Amer. Samoa C.N.M.I.	U U	U U	U U	U U	U U	U U	-	U U	U U	

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States,
weeks ending March 17, 2001, and March 18, 2000 (11th Week)

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

							nellosis*	
	Ma	laria	Rabie	s, Animal	NE	TSS		LIS
Reporting Area	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000
UNITED STATES	160	181	812	997	3,728	4,884	2,908	4,255
NEW ENGLAND Maine N.H.	16 - 1	4 1	90 14 2	105 22 2	298 13 24	304 28 20	267 8 19	327 15 21
Vt.	-	-	20	6	16	14	15	20
Mass. R.I.	5	3	22 9	33 5	189 11	186 6	144 28	188 18
Conn.	10	-	23	37	45	50	53	65
MID. ATLANTIC Upstate N.Y. N.Y. City	19 7 11	33 10 13	128 103 1	171 131 U	297 124 139	702 113 210	393 64 156	792 207 239
N.J. Pa.	- 1	5 5	24	22 18	- 34	223 156	72 101	134 212
E.N. CENTRAL Ohio Ind.	24 5 7	25 2 1	4 - 1	13 2 -	537 187 44	725 173 60	452 126 40	383 140 77
III. Mich. Wis.	- 12 -	15 6 1	- 3 -	- 6 5	137 108 61	255 103 134	144 98 44	1 116 49
W.N. CENTRAL Minn. Iowa	3 1 1	10 4	58 12 13	79 22 7	230 31 40	222 39 24	205 75 3	274 82 28
Mo. N. Dak.	1	1	3 11	2 10	40 82 1	71 2	85 5	20 79 16
S. Dak.	-	-	9	22	21	11	12	15
Nebr. Kans.	-	2 3	- 10	- 16	16 39	31 44	- 25	24 30
S. ATLANTIC Del.	43 1	44	355	365 10	975 16	809 12	674 13	699 15
Md. D.C.	19 4	21	74	78 -	124 15	138	96 U	135 U
Va. W. Va.	8	12	64 30	81 25	100 3	81 21	79 13	84 17
N.C. S.C.	1 1	4	108 18	97 23	205 123	159 76	115 150	112 68
Ga.	1	-	24	28	142	122	180	202
Fla. E.S. CENTRAL	8 7	7 7	37 9	23 34	247 249	200 240	28 97	66 184
Ky.	1	2	2	5	47	47	30	29
Tenn. Ala.	3 3	- 4	7	25 4	66 102	55 83	56	87 58
Miss.	-	1	-	-	34	55	11	10
W.S. CENTRAL Ark.	3	2	74	162	210 38	460 43	282 29	322 22
La.	1	2	-	-	27	56	73	73
Okla. Tex.	1 1	-	15 59	9 153	17 128	39 322	22 158	38 189
MOUNTAIN	12	12	33	34	299	425	218	335
Mont. Idaho	1 1	1	5	9	9 12	18 24	- 4	- 24
Wyo.	-	-	10	16	9	6	6	4
Colo. N. Mex.	6 1	6	- 1	- 2 7	86 33	112 41	66 29	88 39
Ariz. Utah	1 1	2 2	17	7	105 30	127 63	78 35	124 56
Nev.	1	1	-	-	15	34	-	-
PACIFIC	33	44	61	34	633	997	320	939
Wash. Oreg.	1 5	2 5	-	-	53 43	50 55	37 41	119 71
Calif.	26	35	39	27	529	831	177	695
Alaska Hawaii	1	2	22	7	8	12 49	65	14 40
Guam	-	-	-	-	-	-	U	U
P.R. V.I.	- U	2 U	26 U	11 U	44 U	68 U	U U	U U
Amer. Samoa	U	U	U	U	U U U	U	U	U
C.N.M.I. N: Not potifiable	U	U	<u>U</u>	U	U	U	U	U

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States,
weeks ending March 17, 2001, and March 18, 2000 (11th Week)

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F	NET	Shigel SS I		HLIS		ohilis Secondary)	Tuber	culosis
Beneuting Area	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.
Reporting Area	2001 1,870	2000 3,053	2001 987	2000 1,957	2001 909	2000 1,336	2001 1,321	2,067
NEW ENGLAND	22	66	27	52	7	20	62	57
Maine N.H.	-	2 1	-	- 1	-	-	- 6	2 1
/t. Mass.	- 17	1 47	- 19	36	- 4	- 17	34	35
R.I.	-	6	1	6	-	1	3	2
Conn. /IID. ATLANTIC	5 161	9 269	7 122	9 262	3 51	2 57	19 266	17 331
Jpstate N.Y.	87	71	2	82	3	2	33	26
N.Y. City N.J.	60 -	126 45	56 21	102 36	36 7	29 10	106 79	194 79
Pa.	14	27	43	42	5	16	48	32
E.N. CENTRAL Dhio	301 86	515 26	169 43	181 23	117 13	275 16	159 21	187 38
nd. II.	56 74	57 198	8 68	10 2	26 15	91 96	14 79	14 111
/lich.	68	175	48	140	57	56	26	13
Vis.	17 219	59 169	2 162	6 124	6 8	16 22	19 63	11 85
W.N. CENTRAL Minn.	219 66	169 39	162 104	124 47	5	23 3	63 34	32
owa Ao.	39 63	22 86	2 44	23 37	2	6 11	9 14	7 35
N. Dak. S. Dak.	9 4	- 1	1 1	1	-	-	- 1	- 3
Vebr. Kans.	13 25	15 6	10	11 5	- 1	2 1	5	1 7
. ATLANTIC	303	313	101	5 116	370	422	257	, 309
Лd.	2 21	1 24	- 4	2	1 42	2 81	25	40
).C.	13	-	U	U	9	16	10	-
/a. V. Va.	14 3	12 1	6 6	13 2	31	27 1	21 6	23 9
N.C. S.C.	91 22	18 3	47 11	10 1	102 54	111 36	22 14	49 18
Ga. Ia.	24 113	23 231	23 4	51 29	38 93	70 78	50 109	73 97
S. CENTRAL	149	137	37	101	107	188	100	156
Ky. Tenn.	57 19	31 62	16 16	20 75	9 51	18 123	12 31	14 58
Ala.	37	9	-	4	23	25	56	61
/liss. V.S. CENTRAL	36 188	35 511	5 223	2 166	24 146	22 194	11 39	23 356
Ark.	88	45	65	3	12	12	23	20
.a. Okla.	11 2	69 8	38	35 5	28 18	51 45	- 16	6 9
ex.	87	389	120	123	88	86	-	321
AOUNTAIN Aont.	150	212	82	86	40	39 -	54	85
daho Vyo.	5	22 1	-	15 1	-	-	4	-
Colo. N. Mex.	32 26	38 23	21 20	17 14	2 4	1 3	18 1	9 17
Ariz.	20 74 5	23 74 5	20 34 7	31 8	26 6	33	14 4	22 7
Jtah Nev.	5 8	5 49	-	-	6 2	2	4 13	30
	377	861	64 37	869	63	118	311	501
Vash. Dreg.	39 21	160 79	37 19	190 46	13 2	10 2	38	34 1
Calif. Alaska	316 1	609 3	-	624 2	45	106	266 7	437 12
lawaii	-	10	8	7	3	-	-	17
Guam P.R.	- 3	- 10	U U	U U	62	- 37	-	- 17
 /.l. Amer. Samoa	Ŭ U	Ŭ U	Ŭ U	Ŭ U	Ŭ U	Ŭ U	U U	Ŭ U
C.N.M.I.	U	U	Ŭ	U	U	U	Ŭ	U

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States,
weeks ending March 17, 2001, and March 18, 2000 (11th Week)

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).

Indigenous Indigenous		L influ	00720	1					Measles (Rubeola)					
Reporting Area Curn. Curn.					epatitis (vi		Je	Indige	nous			1		
UNITED STATES 266 293 1,699 2,704 973 1,197 - 13 2 9 22 15 Maine SUE BIGLAND 11 28 8 76 12 23 - 3 - 1 4 Maine SUE BIGLAND 11 20 8 8 76 12 23 - 3 - 1 4 Maine SUE BIGLAND 11 28 8 77 4 6	Reporting Area							2001		2001				
Maine - 1 1 3 1 1 - <td>UNITED STATES</td> <td></td>	UNITED STATES													
N.H. 4 3 7 4 6	NEW ENGLAND							-		-			-	
Mass. 11 17 31 33 2 1 - 2 - 1 3 -	Maine N.H.	-	4	3	7			-	-	-	-	-	-	
R.L. - <td>Vt. Mass</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td>	Vt. Mass							-		-			-	
MID. ATUC. 28 40 85 170 106 209 - 1 1 2 3 6 N.Y.G.Y. 19 14 43 86 77 100 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <th1< th=""> 1 1</th1<>	R.I.	-	-	3	2	4	1	-		-	-		-	
Upstate N.Y. 11 17 32 52 52 20 21 1 2 2 - N.Y.City 7 10 - 7 7 10 - 7 - 10 1 2 - Fa. 1 2 10 25 9 69 - 1 1 3 3 3 E.N.CENTRAL 30 50 189 990 129 120 1 3 3 3 Min. 5 3 7 0 114 3 5 1 3 3 3 Wis. 3 9 - 13 - 1 1 3 3 3 Win. 2 3 84 112 290 88 1 3 3 - 1 Wis. 3 9 - 13 - 1 1 3 3 - 1 Wis. 3 9 - 13 - 1 3 - 1 Min. 2 1 3 9 - 13 - 1 1 3 3 - 1 Wis. 3 9 - 1 1 12 226 41 73 - 3 3 3 Min. 3 4 33 140 28 47 - 3 3 3 Min. 3 4 33 140 28 47 - 3 3 3 N.Dak 1 - 1 7 6 4 S.Dak 1 - 7 6 4								-	- 1	- 1		-	-	
N.J. 7 10 - <td>Upstate N.Y.</td> <td>11</td> <td>17</td> <td>32</td> <td>52</td> <td>20</td> <td>21</td> <td>-</td> <td>-</td> <td>1</td> <td>2</td> <td>2</td> <td>-</td>	Upstate N.Y.	11	17	32	52	20	21	-	-	1	2	2	-	
E.N.CENTRAL 30 50 188 390 129 120 1 3 3 3 2 Ind. 5 3 7 11 3 5 2	N.Y. City N.J.	9 7	10			-		-	-				6 -	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Pa.							-	1				-	
	E.N. CENTRAL Ohio							-	-				3 2	
Mich. 2 3 84 112 90 88 -	Ind.			7				-	-			- 3	-	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Mich.		3	84	112	90	88			-	-	-	1	
Minn. - 6 5 21 1 3 - <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td>-</td>			-							-	-		-	
Mo. 3 4 33 140 28 47 - 3 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	Minn.	-	6	5	21	1	3	-	-	-	-	-	-	
S. Dak. - 1 - 1 - </td <td>lowa Mo.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>-</td>	lowa Mo.							-		-	-		-	
Nebr. 1 . 17 6 4 8 - VAU WA	N. Dak. S. Dak	-			-		-	-		-	-	-	-	
S. ATLANTIC 100 64 311 254 207 182 - 2 - 1 3 - Del. - - - 5 - 2 - 1 3 -	Nebr.	1	-	17	6	4	8	-	-	-	-	-	-	
Del. -		-						-		-	-	-	-	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Del.	-	-	-	5	-	2	-	-	-	-	-	-	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	D.C.	-	-	12	-	3	-	-		-		- 3	-	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Va. W. Va.										-	-	-	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	N.C.							-			-	-	-	
E.S. CENTRAL 16 14 60 115 68 87 -	Ga.	16	17	80	32	58	10				-	-	-	
Ky,-898514								-	-	-	-	-	-	
Ala. 6 2 19 15 23 6 - </td <td>Ky.</td> <td>-</td> <td>8</td> <td>9</td> <td>8</td> <td>5</td> <td>14</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	Ky.	-	8	9	8	5	14	-	-	-	-	-	-	
W.S. CENTRAL 5 19 205 518 45 116 - 1 - - 1 - Ark. - - 16 41 16 15 - <t< td=""><td>Ala.</td><td>6</td><td></td><td>19</td><td>15</td><td>23</td><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></t<>	Ala.	6		19	15	23	6	-	-	-	-	-	-	
Ark. - - 16 41 16 15 -<								-	-	-	-	-	-	
Okla. 4 13 36 79 16 9 - 1 - - 1 - - 1 - - 1 - - - 1 - - - 1 1 - - - 1 1 - - - 1 1 - - - 1 1 - - - 1 1 - - - 1 1 - - - - 1 1 - - - - - 1 1 - - - - - - - - - - 1	W.S. CENTRAL Ark.	-	-	16	41	16	15	-	1 -	-	-	1	-	
Tex. - 140 378 1 59 - 1 - - 1 - MOUNTAIN 57 38 197 168 115 94 - - - 1 1 - Mont. - - 4 1 1 3 - - - 1 1 - Idaho 1 2 23 8 4 4 - - - 1 1 - <td>La. Okla</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	La. Okla							-	-	-	-	-	-	
Mont. - - - 4 1 1 3 - <td>Tex.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>1</td> <td>-</td> <td>-</td> <td>1</td> <td>-</td>	Tex.							-	1	-	-	1	-	
Idaho 1 2 23 8 4 4 - - - 1 1 - Wyo. - - 1 2 - <td< td=""><td>MOUNTAIN Mont</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td></td><td>-</td></td<>	MOUNTAIN Mont							-	-				-	
Colo. 10 10 25 40 26 23 - <th< td=""><td>Idaho</td><td>1</td><td>2</td><td>23</td><td>8</td><td></td><td></td><td>-</td><td>-</td><td>-</td><td>1</td><td>1</td><td>-</td></th<>	Idaho	1	2	23	8			-	-	-	1	1	-	
Ariz. 33 11 95 68 36 28 - <td< td=""><td>Colo.</td><td>10</td><td></td><td>25</td><td>40</td><td>26</td><td>23</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></td<>	Colo.	10		25	40	26	23	-	-	-	-	-	-	
Utah 1 2 17 13 4 3 - <td>N. Mex. Ariz.</td> <td>33</td> <td></td> <td>6 95</td> <td></td> <td>33 36</td> <td>28 28</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	N. Mex. Ariz.	33		6 95		33 36	28 28	-	-	-	-	-	-	
PACIFIC 14 26 427 787 250 293 - 3 - 1 4 6 Wash. - 2 16 39 18 7 - - - - 3 Oreg. 12 8 22 57 39 26 - 2 - - 2 - Calif. 1 5 381 684 192 254 - 1 - 1 2 3 Alaska 1 1 8 3 1 3 -<	Utah	1	2	17		4	3	-	-	-	-	-	-	
Wash. - 2 16 39 18 7 - - - - - - 3 Oreg. 12 8 22 57 39 26 - 2 - - 2 - 2 - 2 3 Calif. 1 5 381 684 192 254 - 1 2 3 Alaska 1 1 8 3 1 3 - </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>3</td> <td>-</td> <td>1</td> <td>4</td> <td>6</td>								-	3	-	1	4	6	
Calif. 1 5 381 684 192 254 - 1 - 1 2 3 Alaska 1 1 8 3 1 3 -	Wash.	-	2	16	39	18	7	-	-	-	-	-		
Hawaii - 10 - 4 - 3 Guam U - U P.R 1 19 82 10 59 V.I. U U U U U U U U U U Amer.Samoa U U U U U U U U U U	Calif.	1	5	381	684	192	254	-		-	1		3	
P.R 1 19 82 10 59 V.I. U U U U U U U U U U U Amer. Samoa U U U U U U U U U U U	Alaska Hawaii	1 -		8		1		-	-	-	-	-	-	
V.I. U U U U U U U U U U U U U U Amer. Samoa U U U U U U U U U U U U U	Guam	-	-	-	-	-			-		-	-	-	
Amer. Samoa U U U U U U U U U U U	V.I.		U	U	U	U	U	U		U				
	Amer. Samoa	U	U	U	U		U	U	U	U			U	

TABLE III. Provisional cases of selected notifiable diseases preventable
by vaccination, United States, weeks ending March 17, 2001,
and March 18, 2000 (11th Week)

N: Not notifiable. U: Unavailable. - : No reported cases. *For imported measles, cases include only those resulting from importation from other countries. † Of 49 cases among children aged <5 years, serotype was reported for 20, and of those, four were type b.

	Mening	gococcal					TCCR/				
	Dis	ease		Mumps	0		Pertussis			Rubella	
Reporting Area	Cum. 2001	Cum. 2000	2001	Cum. 2001	Cum. 2000	2001	Cum. 2001	Cum. 2000	2001	Cum. 2001	Cum. 2000
UNITED STATES	613	603	6	29	101	51	1,040	1,044	1	2	12
NEW ENGLAND Maine	44	35 3	-	-	1	5	187	294 7	-	-	4
N.H.	4	3	-	-	-	2	16	42	-	-	1
Vt. Mass.	4 24	1 21	-	-	-	2	19 146	48 189	-	-	- 3
R.I. Conn.	- 12	1 6	-	-	1	- 1	- 6	4 4	-	-	-
MID. ATLANTIC	46	49	-	-	7	7	65	92	-	1	4
Upstate N.Y. N.Y. City	17 10	10 16	-	-	3 2	7	57	46 20	-	1	2 2
N.J. Pa.	18 1	10 13	-	-	- 2	-	- 8	 26	-	-	-
Fa. E.N. CENTRAL	51	105	- 2	- 5	13	2	0 121	20 169	- 1	- 1	-
Ohio	26	17	-	1	4	2	98	108	-	-	-
Ind. III.	1 -	15 31	2	- 3	- 3	-	3 6	8 14	- 1	- 1	-
Mich. Wis.	15 9	28 14	-	1	6	-	13 1	6 33	-	-	-
W.N. CENTRAL	39	38	-	2	5	1	32	28	-	-	-
Minn. Iowa	- 13	3 9	-	-	- 3	-	- 3	9 6	-	-	-
Mo.	13	21	-	-	1	-	17	4	-	-	-
N. Dak. S. Dak.	2 2	1 2	-	-	-	-	- 2	1 1	-	-	-
Nebr. Kans.	2 7	1 1	-	2	1	- 1	- 10	2 5	-	-	-
S. ATLANTIC	126	88	1	3	12	7	42	56	-	-	1
Del. Md.	- 17	- 9	- 1	2	- 4	-	- 10	1 14	-	-	-
D.C.	12	- 16	Ū	-	-	- U	- 6	- 3	- U	-	-
Va. W. Va.	4	2	-	1	1	-	1	-	-	-	-
N.C. S.C.	33 9	16 6	-	-	2 4	5 1	15 6	15 11	-	-	-
Ga. Fla.	15 36	18 21	-	-	- 1	- 1	- 4	9 3	-	-	- 1
E.S. CENTRAL	45	32	-	-	1	-	22	30	-	-	-
Ky. Tenn.	7 17	7 13	-	-	-	-	5 13	20 2	-	-	-
Ala.	17	10	-	-	1	-	2	7	-	-	-
Miss.	4	2	-	-	-	-	2	1	-	-	-
W.S. CENTRAL Ark.	93 8	75 3	1 1	2 1	11 -	-	4 2	13 4	-	-	3
La. Okla.	26 11	22 8	-	1	2	-	- 1	2	-	-	-
Tex.	48	42	-	-	9	-	1	7	-	-	3
MOUNTAIN Mont.	31	36 1	-	4	3	25	516 3	194 1	-	-	-
Idaho	3	4	-	- 1	-	18	132	31	-	-	-
Wyo. Colo. N. Mex.	11	10	-	1	-	4	108	119	-	-	-
N. Mex. Ariz.	6 6	4 11	-	2	1	1 1	12 255	26 11	-	-	-
Utah Nev.	2 3	5 1	-	-	2	1	6	4 2	-	-	-
PACIFIC	138	145	2	13	48	4	51	168	-	-	-
Wash. Oreg.	21 18	10 14	- N	N	2 N	3	16 4	27 17	-	-	-
Calif.	98	117	1	12	41	-	31	116	-	-	-
Alaska Hawaii	1 -	1 3	1 -	1 -	- 5	-	-	2 6	-	-	-
Guam	-	-	U	-	-	U	-	-	U	-	-
P.R. V.I.	1 U	3 U	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū	Ū
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.	-	available.	-	No reporte		0	<u> </u>	<u> </u>	<u> </u>		<u> </u>

TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending March 17, 2001, and March 18, 2000 (11th Week)

		All Cau	ises, Βγ	Age (Ye	ears)		P&I⁺			All Cau	ises, By	Age (Y	ears)		P&l⁺
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. Bridgeport, Conn Cambridge, Mass Fall River, Mass. Hartford, Conn. Lowell, Mass. Lynn, Mass. New Bedford, Ma New Haven, Conn Providence, R.I. Somerville, Mass Springfield, Mass Waterbury, Conn. Worcester, Mass. MID. ATLANTIC Albany, N.Y. Allentown, Pa. Buffalo, N.Y. Camden, N.J. Elizabeth, N.J.	. 26 31 81 34 10 ss. 31 . 46 U . 41	451 103 26 16 24 57 23 8 28 31 U 6 23 40 6 6 23 40 6 6 1,598 36 17 71 71 21	31 7 10 3 14 6 1 2 10 U - 14 4 5 472	37 7 3 - 4 3 5 1 1 3 U - 4 4 2 160 2 1 2 4 1	82 11 - 5 - - - - - - - - - - - - - - - -	6 1 - - 2 U - - - - 31 - 5 4 -	89 84 3 2 11 7 2 2 3 U - 1 9 7 127 5 1 132 -	S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C. Jacksonville, Fla Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, F Tampa, Fla. Washington, D.C Wilmington, De E.S. CENTRAL Birmingham, Al Chattanooga, Te Knoxville, Tenn. Lexington, Ky. Memphis, Tenn Mobile, Ala.	89 55 73 3 Fla. 82 190 C. 101 I. U 1,004 a. 208 enn. 97 126 62 216 87	870 877 174 81 55 37 52 1 64 141 650 138 69 81 39 133 64 35	288 44 65 17 44 21 9 15 1 12 31 9 5 1 12 235 41 24 313 55 6 15	125 22 40 5 14 12 5 3 - 5 11 8 U 63 11 3 8 6 11 3 8 6 11 7 2	36 6 11 2 9 - 1 1 1 1 1 3 11 - 1 3 - 1	19 522 - 132 - 31 U 326 1 31 - 32 - - 31 U - - - - - - - - - - - - - - - - - -	106 2 31 19 11 8 5 7 - 8 13 2 U 94 23 11 6 10 8 2 12
Erie, Pa. [§] Jersey City, N.J. New York City, N. ³ Neterson, N.J. Paterson, N.J. Philadelphia, Pa. Pittsburgh, Pa. [§] Reading, Pa. Rochester, N.Y. Schenectady, N.Y. Scranton, Pa. [§] Syracuse, N.Y. Trenton, N.J. Utica, N.Y. Yonkers, N.Y.	80 18 256 38 26 138 U 30 80 34 28 U	29 26 866 29 13 181 23 109 U 28 61 21 23 U	291 19 1 48 10 1 20 U 2 10 8 3 U	1 4 86 20 2 19 - 2 6 U - 4 4 2 U	24 7 2 6 2 - 1 U - 3 - - U	- 10 5 - 2 U - 2 U - 2 U - 0 - 2 U	1 50532616U3414 U3414U	Nashville, Tenn. W.S. CENTRAL Austin, Tex. Baton Rouge, La Corpus Christi, Dallas, Tex. El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark. New Orleans, La San Antonio, Te Shreveport, La. Tulsa, Okla.	155 1,672 115 1. 55 Fex. 75 224 84 113 372 83 . 0 x. 268 119 164	91 1,103 66 37 49 127 58 82 225 56 U 201 80 122	38 344 15 15 56 18 21 76 14 U 50 24 31	12 134 13 4 21 6 5 47 9 U 14 7 7	7 49 2 1 5 10 2 3 13 2 U 3 5 3	7 40 8 1 2 10 - 2 11 2 U - 3 1 17	22 124 6 - 5 15 3 10 36 3 U 18 14 14
E.N. CENTRAL Akron, Ohio Canton, Ohio Chicago, III. Cincinnati, Ohio Cleveland, Ohio Celumbus, Ohio Dayton, Ohio Detroit, Mich. Evansville, Ind. Fort Wayne, Ind. Gard, Ind. Grand Rapids, Mi Indianapolis, Ind. Lansing, Mich. Milwaukee, Wis. Peoria, III. South Bend, Ind. Toledo, Ohio Youngstown, Ohi W.N. CENTRAL Des Moines, Iowa Duluth, Minn. Kansas City, Kans Kansas City, Kans	340 38 108 50 41 137 0 57 881 90 35 . 20 . 20 122 45	$\begin{array}{c} 1,422\\ 30\\ 29\\ 0\\ 0\\ 4\\ 107\\ 195\\ 106\\ 130\\ 342\\ 115\\ 244\\ 277\\ 87\\ 342\\ 51\\ 621\\ 93\\ 33\\ 154\\ 48\\ 85\\ 51\\ 621\\ 93\\ 33\\ 154\\ 48\\ 85\\ 51\\ 621\\ 93\\ 33\\ 154\\ 48\\ 85\\ 51\\ 621\\ 93\\ 33\\ 154\\ 48\\ 85\\ 51\\ 621\\ 93\\ 33\\ 154\\ 48\\ 85\\ 51\\ 621\\ 93\\ 33\\ 154\\ 48\\ 85\\ 51\\ 85\\ 85\\ 85\\ 85\\ 85\\ 85\\ 85\\ 85\\ 85\\ 85$	$\begin{array}{c} 10 \\ 5 \\ \cup 25 \\ 38 \\ 423 \\ 62 \\ 10 \\ 12 \\ 5 \\ 12 \\ 60 \\ 8 \\ 12 \\ 4 \\ 11 \\ 5 \\ 29 \\ 4 \\ 173 \\ 14 \\ 5 \\ 4 \\ 21 \\ 7 \\ 38 \\ 17 \\ 315 \end{array}$	133 4 7 U 3 119 11 19 3 2 2 3 21 1 8 1 1 12 2 53 4 1 4 6 4 1 1 2 6 5	35 U-53410-22151-1120213-725	46 1 3 U 4 6 2 1 8 - 1 1 1 10 1 1 2 1 - 3 - 14 1 1 1 - 2 1 3 1 3 2 -	132 3 6 U 8 . 28 8 17 5 5 2 6 14 2 10 1 3 1 13 . 28 8 17 5 5 5 2 6 14 2 10 1 3 1 13 . 46 8 3 1 12 1 22 4 . 7 6	MOUNTAIN Albuquerque, N Boise, Idaho Colo. Springs, C Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo. Salt Lake City, U Tucson, Ariz. PACIFIC Berkeley, Calif. Fresno, Calif. Glendale, Calif. Honolulu, Hawa Long Beach, Cali Gan Jose, Calif. Portland, Oreg. Sacramento, Ca San Diego, Calif San Francisco, C San Jose, Calif. Santa Cruz, Cali Seattle, Wash. Spokane, Wash. Tacoma, Wash. TOTAL	44 solo. 56 121 197 30 168 32 tah 122 1,675 19 174 1,675 19 174 19 if. 370 if. 370 if. 370 if. 370 if. 371 205 f. 40	$\begin{array}{c} 750\\ 127\\ 34\\ 42\\ 80\\ 128\\ 25\\ 106\\ 25\\ 110\\ 1,246\\ 12\\ 127\\ 75\\ 110\\ 1,246\\ 12\\ 127\\ 259\\ 311\\ 148\\ 0\\ 120\\ 0\\ 120\\ 36\\ 82\\ 61\\ 86\\ 8,711\\ \end{array}$	3 29 8 18	93 18 2 2 10 16 2 14 3 17 9 99 2 12 1 7 2 34 1 8 U 5 U 11 1 12 1 2 897	30 4 - 1 2 4 1 11 - 5 2 36 - 5 3 6 1 1 U 4 U 2 - 2 2 4 2 86	17 2 1 1 4 - 1 4 - 1 4 - 1 4 - 1 2 2 U 2 U 4 - 2 2 U 4 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	96 16 4 2 13 13 3 13 - 14 18 154 3 2 2 9 11 4 2 13 U 20 U 9 6 10 6 7 966

TABLE IV. Deaths in 122 U.S. cities,* week ending March 17, 2001 (11th Week)

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.

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