

Weekly

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National Colorectal Cancer Awareness Month — March 2003

March is National Colorectal Cancer Awareness Month. This national health observance serves to increase public awareness about the disease burden of colorectal cancer (i.e., cancer of the colon or rectum) and to encourage adults aged ≥ 50 years to reduce their risk through regular screening examinations. Colorectal cancer is the second leading cause of cancer-related death in the United States. During 2003, an estimated 147,500 new cases and 57,100 deaths will occur (1). However, despite recommendations for screening, many persons who are at risk for colorectal cancer are not being screened.

CDC's Colorectal Cancer Prevention and Control Initiative raises public awareness through the "Screen for Life" campaign, which communicates the importance of regular screening for adults aged ≥50 years, and "A Call to Action," an education program designed to raise health-care providers' awareness and knowledge about prevention and early detection. CDC also works with partners to support the National Colorectal Cancer Roundtable, a coalition of organizations that educates health-care providers and the public about screening. Finally, CDC funds comprehensive cancer control programs to integrate a full range of cancer control activities, improve community-based education and health promotion, and target at-risk populations.

Additional information about colorectal cancer awareness and provider training materials are available from CDC at http://www.cdc.gov/cancer/screenforlife and http://www.cdc.gov/cancer/colorctl/calltoaction.

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Colorectal Cancer Test Use Among Persons Aged <u>></u>50 Years — United States, 2001

Colorectal cancer is the second leading cause of cancerrelated death in the United States (1). The lifetime risk for having colorectal cancer diagnosed is 6% (2). Screening measures decrease the incidence and mortality of colorectal cancer by detecting early disease and removing precancerous lesions (3). The U.S. Preventive Services Task Force recommends routine cancer screening for U.S. adults aged \geq 50 years with one or a combination of the following screening options: annual home fecal occult blood testing (FOBT), sigmoidoscopy every 5 years, colonoscopy every 10 years, or double contrast barium enema every 5 years (3). To estimate rates and evaluate trends for colorectal cancer test use among U.S. adults aged ≥50 years, CDC analyzed data from the 2001 Behavioral Risk Factor Surveillance System (BRFSS) on the use of FOBT and sigmoidoscopy/colonoscopy and compared the data for 2001 with those for 1997 and 1999. This report summarizes the results of that analysis, which indicate that despite small increases in the self-reported use of colorectal cancer tests, screening rates remain low. Efforts to increase awareness and encourage regular colorectal cancer screening should continue.

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Notifiable Disease Morbidity and 122 Cities Mortality Data Robert F. Fagan Deborah A. Adams Felicia J. Connor Lateka Dammond Patsy A. Hall Pearl C. Sharp BRFSS is a state-based, random-digit-dialed telephone survey of the civilian, U.S. noninstitutionalized population aged \geq 18 years. In 2001, all 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and Guam participated in BRFSS. Respondents aged \geq 50 years, the age group for which colorectal cancer screening is recommended, were asked whether they ever had used "a special kit at home to determine whether the stool contains blood" (FOBT), whether they ever had "a tube inserted through the rectum to view the bowel for signs of cancer or other health problems" (sigmoidoscopy/colonoscopy), and when these tests were last performed. For this report, both sigmoidoscopy and colonoscopy are described as "lower endoscopy."

Previous reports have examined lower endoscopic surveillance within 5 years as a measure of compliance with screening guidelines (4). Because BRFSS could not differentiate between sigmoidoscopy and colonoscopy, for this survey, the surveillance period was 10 years to include those undergoing colonoscopy. Any respondents reporting lower endoscopy within 10 years were considered to have been screened within the recommended period. Percentages were estimated for persons aged \geq 50 years who had reported FOBT ever and within the 12 months preceding the survey, lower endoscopy ever and within 5 and 10 years preceding the survey, and FOBT within 12 months and/or lower endoscopy within 10 years preceding the survey.

For the 2001 BRFSS, the median state response rate was 51.1% (range: 33.3%–81.5%) using the CASRO method (5). A total of 87,729 persons aged \geq 50 years responded. Responses coded as "don't know/unsure" or "refused" were excluded from analysis (3%–4%). Proportions, standard errors, and 95% confidence intervals were calculated by using SAS v8 and SUDAAN. Data were weighted to the age, sex, and race/ ethnicity distribution of the adult population in each state by using intercensal estimates and age standardized to the 2001 BRFSS population. Estimates for the percentage of adults aged \geq 50 years who self-reported receiving either FOBT within 12 months or lower endoscopy within 5 years (1997 and 1999 surveys did not include responses within 10 years) were compared for 1997, 1999, and 2001.

In 2001, an estimated 44.6% of adults aged \geq 50 years had ever had FOBT, and 47.3% had ever had a lower endoscopy. An estimated 23.5% had FOBT within 12 months; 43.4% had lower endoscopy within 10 years; 53.1% had one or both tests within the periods described (Table). By state, the estimates for FOBT within 12 months ranged from 6.8% in Alabama to 34.5% in Maine; for lower endoscopy within 10 years, estimates ranged from 28.4% in the Virgin Islands to 58.5% in Minnesota. The estimates for reporting either FOBT within 12 months and/or lower endoscopy within 10 years varied by state from 42.2% in Oklahoma to 65.3% in the District of Columbia (Figure 1).

The percentage of persons aged \geq 50 years who had received FOBT within 12 months was 19.4% in 1997, 20.4% in 1999, and 23.5% in 2001. For lower endoscopy within 5 years, the proportions were 29.9%, 33.3%, and 38.7%, respectively (Figure 2).

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Editorial Note: The findings in this report indicate that colorectal cancer test use among U.S. adults remains low. Approximately half of U.S. adults aged \geq 50 years have not received the recommended screening.

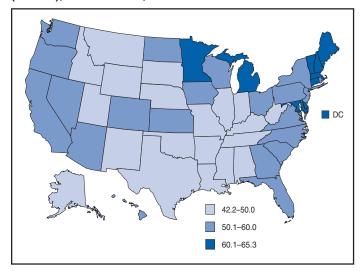
TABLE. Percentage of adults aged ≥50 years who reported receiving a fecal occult blood test (FOBT) within 12 months preceding survey and/or lower endoscopy within 5 and 10 years preceding survey, by test type — Behavioral Risk Factor Surveillance System (BRFSS), United States, 2001*

Test	%	(95% Cl†)
FOBT within 12 mos	23.5	(<u>+</u> 0.5)
Lower endoscopy within 5 yrs	38.7	(<u>+</u> 0.5)
Lower endoscopy within 10 yrs	43.4	(<u>+</u> 0.6)
FOBT within 12 mos and/or		
lower endoscopy within 10 yrs	53.1	(<u>+</u> 0.6)

* Age-adjusted to the 2001 BRFSS population.

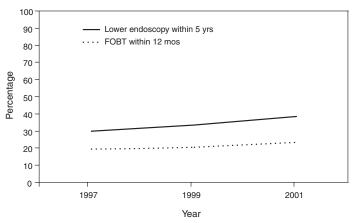
[†]Confidence interval.

FIGURE 1. Percentage of adults aged \geq 50 years who reported receiving a fecal occult blood test within 12 months preceding survey and/or lower endoscopy within 10 years preceding survey, by state — Behavioral Risk Factor Surveillance System (BRFSS), United States, 2001*



* Age-adusted to the 2001 BRFSS population.

FIGURE 2. Percentage of adults aged \geq 50 years who reported receiving a fecal occult blood test (FOBT) within 12 months preceding survey and/or lower endoscopy within 5 years* preceding survey, by test type and year — Behavioral Risk Factor Surveilliance System (BRFSS), United States, 1997– 2001[†]



*1997 and 1999 surveys did not include responses within 10 years. [†]Age-adusted to the 2001 BRFSS population.

The findings in this report are subject to at least five limitations. First, the percentages reported overestimate colorectal cancer screening rates because 1) BRFSS could not differentiate test use specifically for screening from tests performed for diagnostic purposes and 2) persons who received sigmoidoscopy outside the recommended 5-year screening interval, but within 10 years, were considered compliant with screening guidelines. As a result, colorectal cancer screening rates are probably lower than the estimates in this report. Second, BRFSS excludes residents of institutions and persons who do not own telephones. Third, estimates from BRFSS were based on self-reports and were not validated; however, previous studies document moderate-to-good concordance between the selfreporting of colorectal cancer tests and medical records (6, 7). Fourth, the response rate of 51.1% is low and has been low in previous years (62.1% in 1997 and 55.2% in 1999) (5). Health-care-seeking behaviors might differ among respondents and nonrespondents. Finally, data on the use of barium enema, another option for colorectal cancer screening, were not provided in BRFSS. However, barium enema is recommended less often than FOBT or sigmoidoscopy (8).

Colorectal cancer test screening rates are much lower than breast and cervical cancer test screening rates (mammography and Papanicolaou smear, respectively) (9). This shortfall warrants increased public and health-care provider awareness and supportive health-care systems that emphasize and ensure accessibility to colorectal cancer screening. In July 2001, Medicare reimbursement was approved for colonoscopy screening for persons with average risk for colorectal cancer; this measure might increase future screening rates.

To promote colorectal cancer screening, CDC will launch its annual "Screen for Life: A National Colorectal Cancer Awareness Campaign" (http://www.cdc.gov/cancer/ screenforlife), which encourages persons aged ≥ 50 years to discuss screening for colorectal cancer with their doctor and to select appropriate test(s). For health-care providers, CDC also has produced an education program, "A Call to Action: Prevention and Early Detection of Colorectal Cancer" (http:/ /www.cdc.gov/cancer/colorctl/calltoaction). In addition, CDC has supported a measure of colorectal cancer screening for the Health Plan Employer Data and Information Set (HEDIS), a set of standardized performance measures that permits comparison of managed care organizations. The measure has been approved provisionally for inclusion in HEDIS in 2004. To address issues related to mass screening, CDC's Survey of Endoscopy Capacity will examine the national distribution of lower endoscopes and trained health-care providers.

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Acknowledgment

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Donated Television Airplay of Colorectal Cancer Education Public Service Announcements — United States, 1999–2002

To help communicate the importance of colorectal cancer (CRC) screening, in 1999, the U.S. Department of Health and Human Services (DHHS) launched the "Screen for Life: National Colorectal Cancer Action Campaign" (SFL) (http:// www.cdc.gov/cancer/screenforlife) (1) as one of many strategies addressing the prevention and early detection of CRC. As a central part of this campaign, public service announcements (PSAs) were developed to take advantage of the influence and reach of television to encourage Americans aged \geq 50 years to get tested for CRC. This report summarizes an assessment of donated television airplay that SFL PSAs received during March 1999-February 2002. According to data obtained from Arbitron Inc., a research firm that monitors broadcast media in the United States, SFL PSAs were broadcast 41,624 times, amounting to approximately \$4.3 million in donated television airtime. As DHHS and others promote CRC screening, CDC will continue to release and track airplay of SFL PSAs and examine the collective influence that SFL and other educational efforts and strategies have on CRC screening rates in the United States.

CDC, in collaboration with the Centers for Medicare & Medicaid Services, developed and launched SFL in March 1999 and released new campaign materials in July 2000 (Phase II) and March 2001 (Phase III). Each campaign phase builds upon the previous one and includes these messages: CRC is the second leading cancer killer, screening saves lives, and screening can find precancerous polyps that can be removed before they turn cancerous. To track campaign airplay, CDC uses the 24-hour monitoring services of Arbitron's Sigma system, which monitors PSA airplay on approximately 1,000 television stations in all 210 U.S. Designated Market Areas[®] (DMAs)* and approximately 75 regional and national cable channels. The Sigma system tracks airplay by embedding an electronic code in the video signal of PSAs before their distribution to television stations nationwide.

When a PSA airs, monitoring devices in that DMA detect the code and record the broadcast time, date, day of week; television station call letters; and PSA name and length. Arbitron links these data to estimates of the commercial dollar value of each airplay and the number of times the PSA was seen, known as "audience impressions." The data are transmitted monthly to CDC for analysis.

^{*} As defined by Nielsen Media Research (http://www.nielsenmedia.com/ DMAs.html).

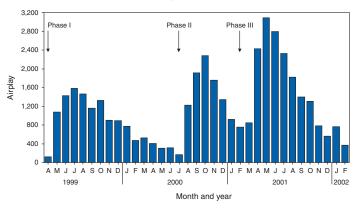
During March 1999-February 2002, the PSAs were broadcast nationwide 41,624 times, resulting in an estimated 749 million audience impressions worth an estimated \$4.3 million. Phase II of the campaign had the highest number of audience impressions, and Phase III had the most airplay and highest value (Table). During each phase, total airplay for SFL PSAs peaked within 3-4 months of launch, then slowly decreased. Each phase has been associated with a higher airplay peak than the previous phase (Figure 1). The percent of DMAs airing the PSAs also increased with each phase. During the 3year period, 94% of DMAs played the PSAs at least once, and airplay ranged from 1 to 4,578 per DMA (Figure 2).

Patterns of airplay over the three phases indicate that 17,061 (41%) of the total 41,624 SFL PSA plays occurred during daytime (6:00 a.m.-7:59 p.m.); 2,144 (5%) occurred during prime time (8:00 p.m.-10:59 p.m.); and 22,419 (54%) occurred overnight (11:00 p.m.- 5:59 a.m.). The airplay that occurred during daytime accounted for 415 million (55%) of total audience impressions. Prime time airplay accounted for 97 million (13%) total audience impressions. Overnight airplay accounted for 236 million (32%) of total estimated audience impressions.

During each campaign phase, an increasing number of states incorporated SFL materials, including PSAs, into their CRC prevention programs. By Phase III, 23 states had adopted SFL. To assess whether CRC burden influenced the adoption of SFL, CDC compared the latest CRC mortality rates (1999) (2) in states that participated in SFL in 2002 with those that did not participate. No statistically significant differences were found. A comparison of airplay in participating and nonparticipating states is planned.

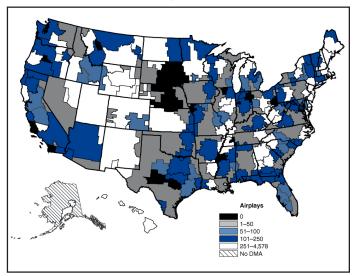
Reported by: Div of Partnership Development, Centers for Medicare & Medicaid Services. CM Jorgensen, DrPH, C Purvis Cooper, PhD, T Richards, MD, CA Gelb, Div of Cancer Prevention and Control, National Center for Chronic Disease Prevention and Health Promotion, CDC.

FIGURE 1. Airplay of "Screen for Life" public service announcements, by month and campaign phase - United States, March 1999*-February 2002



* Campaign launched March 1999; first airplay recorded April 1999.

FIGURE 2. Airplay of "Screen for Life" public service announcements, by Designated Market Area® (DMA) - United States, March 1999*-February 2002



* Campaign launched March 1999; first airplay recorded April 1999.

TABLE. Performance of "Screen for Life" public service announcements (PSAs), by campaign phase — United States, March 1999*– February 2002

	Phase I 3/99–7/00	Phase II 8/00–2/01	Phase III 3/01–2/02	Total 3/99–2/02
Airplay (no. times PSAs played)	12,945	10,188	18,491	41,624
Estimated audience impressions (no. times PSAs viewed)	165 million	313 million	271 million	749 million
Estimated value of donated airtime	\$0.9 million	\$1.6 million	\$1.8 million	\$4.3 million
% of DMAs [†] airing PSAs [§]	57%	71%	87%	94%
Average airplay per DMA [§] ¶	107	67	100	208
Range of airplay per DMA ^{§¶}	1–2,096	1–888	1–1,594	1–4,578

*Campaign launched March 1999; first airplay recorded April 1999. [†] Designated Market Areas[®] in the United States; N = 210.

Solution Does not include cable airplay.

¹Of those DMAs airing "Screen for Life" PSAs.

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Chinese Proverb

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Editorial Note: Media campaigns alone rarely change behaviors; however, when included as part of a multicomponent intervention strategy, they have a strong synergetic effect. Used in this manner, media campaigns can reach large numbers of people quickly, raise awareness about health issues, and reinforce communication between patients and health-care providers (3-7). The findings in this report indicate that the SFL campaign has benefitted from the donation of a substantial amount of airplay by television stations nationwide.

As the campaign progressed, each phase achieved an increasingly higher peak of airplay. This trend might be associated with several factors, including increased national attention to CRC as a major public health issue, designation by the U.S. Congress in 2000 of March as "National Colorectal Cancer Awareness Month," and increased state and local educational efforts. All these factors might have helped influence public attitudes and contributed to the increases in CRC screening rates observed in some states (8). However, additional research would be necessary to gauge the specific contribution of PSAs to these increases.

The findings in this report are subject to at least two limitations. First, Arbitron's Sigma system, the only PSA tracking system available, bases estimates of dollar value and audience impressions on advertising figures used by the commercial sector. These figures change weekly and are set according to a complex and proprietary system of perceived market value and demand. Second, the Sigma system provides a conservative estimate of airplay because it does not monitor many channels offered through local cable or satellite services.

Data analysis using the Sigma system and Geographic Information Systems technology can be useful in identifying media markets that have little or no airplay, allowing state and local health officials to increase promotion of SFL. CDC and its partners will continue to release new phases of SFL, including PSAs, as part of a multicomponent approach to prevention and early detection of CRC.

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Poisoning by an Illegally Imported Chinese Rodenticide Containing Tetramethylenedisulfotetramine — New York City, 2002

Illegally imported foreign products can result in domestic exposures to unusual toxic chemicals, and health-care providers might not be able to provide appropriate therapy because the chemical ingredients might not be listed or recognized even after translation of the product label. This report describes the first known case in the United States of exposure to a Chinese rodenticide containing the toxin tetramethylenedisulfotetramine (TETS), a convulsant poison. The report of this investigation highlights the need to prevent such poisonings through increased public education, awareness, and enforcement of laws banning the importation of illegal toxic chemicals.

On May 15, 2002, a previously healthy female infant aged 15 months living with her family in New York City was found by her parents to be playing with a white rodenticide powder that they had brought from China and applied in the corner of their kitchen. After 15 minutes, the child had generalized seizures and was taken to an emergency department. Her initial blood glucose level was 108 mg/dL (normal range: 80– 120 mg/dL). Despite aggressive therapy with lorazepam, phenobarbital, and pyridoxine, she had intermittent generalized seizure activity for 4 hours and required intubation.

After 3 days, the infant was extubated successfully but appeared to have multiple neurologic deficits, including absence seizures and possibly cortical blindness. Continuous electroencephalogram monitoring, performed during the initial hospitalization, revealed multiple epileptogenic foci. The infant was discharged in June; as of November 5, the infant remained severely developmentally delayed and was on valproic acid therapy for seizure control.

Translation of the rodenticide package labeling from Chinese to English did not clarify its contents (Figure). A search of the China National Poison Control Center's (NPCC) website for rodenticides suggested that the ingredients might have included sodium monofluoroacetate, fluoroacetamide, tetramethylenedinitrosotetramine, or strychnine. However, an initial laboratory analysis was negative for sodium fluoroacFIGURE. Package of Chinese rodenticide implicated in the poisoning of a female infant aged 15 months — New York City, 2002



Photo/New York City Poison Control Center

etate, fluoroacetamide, bromethalin, strychnine, 1,3-difluoro, 2-propanol, and carbamate insecticides.

On September 14, a snack shop owner in China poisoned food in a competitor's snack shop with a rodenticide identified as Dushuqiang, resulting in 38 deaths. Although Dushuqiang, which contains TETS, has been banned for sale since the mid-1980s, it is still widely available in China. Following news reports of this incident, the New York City Poison Control Center conducted additional laboratory testing of the product associated with the poisoning in New York City and confirmed TETS in the product by gas chromatography-mass spectrometry (GC-MS) (1). TETS concentration was 6.4% weight/weight [w/w] in one rodenticide packet and 13.8% w/w in another. **Reported by:** F Barrueto Jr, MD, LS Nelson, MD, RS Hoffman, MD, New York City Poison Control Center; MB Heller, PhD, Public Health Laboratory, General Toxicology and Environmental Science Laboratory, New York City Dept of Health and Mental Hygiene; PM Furdyna, New York State Div of Environmental Conservation; RJ Hoffman, MD, Div of Toxicology, Maimonides Medical Center, New York, New York. KS Whitlow, DO, MG Belson, MD, AK Henderson, PhD, Div of Environmental Hazards and Health Effects, National Center for Environmental Health, CDC.

Editorial Note: TETS is a little-known, often unrecognized, and highly lethal neurotoxic rodenticide that once was used widely. An odorless, tasteless, and water-soluble white crystalline powder that acts as a γ -amino butyric acid (GABA) antagonist (China Center for Disease Control and Prevention [CDC], unpublished data, 2002), TETS, like picrotoxin, binds noncompetitively and irreversibly to the GABA receptor on the neuronal cell membrane and blocks chloride channels. The most common routes of exposures are through ingestion and inhalation (China CDC, unpublished data, 2002). TETS is not registered by the U.S. Environmental Protection Agency for use in the United States, and its importation, manufacture, and use in the United States are illegal.

TETS meets criteria for inclusion in the list of extremely hazardous pesticides maintained by the World Health Organization (WHO) and is more lethal than WHO's most toxic registered pesticide, sodium fluoroacetate (2). Multiple large intentional and unintentional exposures in China have demonstrated the human toxicity of TETS (1). The dose at which TETS kills 50% of mammals (LD50) is 0.1–0.3 mg/kg; a dose of 7.0–10.0 mg is considered lethal in humans. TETS is potentially 100 times more toxic to humans than potassium cyanide and might be a more powerful human convulsant than strychnine (3).

The most recognizable clinical signs after a TETS exposure are refractory seizures. Other potentially serious signs include coma and possible electrocardiogram evidence of ischemia (China CDC, unpublished data, 2002). Symptoms typically begin within 30 minutes after exposure and can begin as long as 13 hours after exposure. Severe poisonings are usually fatal within 3 hours (Sun C, China NPCC, personal communication, 2002). TETS intoxication is determined rapidly from history and clinical suspicion. Laboratory identification, although not clinically useful in an acute presentation, is accomplished by several methods, including gas chromatography (GC) with nitrogen-phosphorous detection, GC with flame photometric detection, and GC-MS (1,4,5). TETS is registered with the Chemical Abstract Service Division of the American Chemical Society as number 80-12-6, molecular weight 240, and chemical formula of $C_4H_8N_4O_4S_2$. Every attempt should be made to identify this chemical if it is suspected.

No proven antidote exists for TETS poisoning. Treatment should follow accepted modalities for a poisoned, altered, or seizing patient (6). Universal precautions should be taken to prevent secondary exposure of health-care workers. If TETS is suspected, regional poison control centers can provide information and guidance. A small study of rodents conducted in China suggested that intravenous pyridoxine and dimercaptosuccinic acid might be effective treatments (7). In China, charcoal hemoperfusion and hemodialysis are used to provide extracorporeal removal in patients poisoned with TETS (1,3) (Sun C, China NPCC, personal communication, 2002).

This is the first known case of TETS poisoning in the United States. The chemical's morbidity and lethality and the lack of a known antidote present a danger to human health in areas where TETS might be imported illegally, especially large urban areas with substantial immigrant populations. The appearance of a banned or illegal substance presents challenges to regulatory and enforcement agencies because of the increased risk for unintentional and intentional exposures. Poisoning caused by TETS exposure can be prevented with heightened public health education, increased awareness, and adequate enforcement by customs, border, and regulatory agencies.

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Smallpox Vaccine Adverse Events Among Civilians — United States, March 4–10, 2003

During the civilian smallpox vaccination program, CDC, the Food and Drug Administration, and state health departments are conducting surveillance for vaccine-associated adverse events. In the first stage of the program, active surveillance is being conducted for potentially life-threatening, moderate-to-severe, and other serious adverse events and for vaccinia transmission to contacts of vaccinees (1) (Table). Nonserious events are reported through passive surveillance and are expected to be underreported. This report summarizes smallpox vaccine adverse events reported among civilians vaccinated as of March 7, 2003, and among contacts of vaccinees, received by CDC from the Vaccine Adverse Event Reporting System (VAERS) as of March 10. Potentially life-threatening and moderate-to-severe events are classified on the basis of evidence in support of the reported diagnoses. For probable cases, possible alternative etiologies are investigated, and supportive information is available. Events are classified as suspected if they have clinical features compatible with the diagnosis but either further investigation is required or additional investigation of the case did not provide supporting evidence for the diagnosis and did not identify an alternative diagnosis. CDC and state and local health departments also receive reports of other events that are associated temporally with smallpox vaccination. Reported adverse events are not necessarily associated with vaccination, and some or all of these events might be coincidental.

During January 24–March 7, smallpox vaccine was administered to 16,919 civilian health-care and public health workers in 50 jurisdictions. No potentially life-threatening adverse events of a type known previously to be caused by smallpox vaccination have been reported as of March 10.

During March 4–10, three moderate-to-severe adverse events were reported (Table). All were cases of inadvertent inoculation and were traced to contact with military personnel who received smallpox vaccine.

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TABLE. Number of cases* of adverse events after smallpox vaccination among civilians, by type — United States, January 24–March 10, 2003

	No. new (March		Total no. cases (January 24–March		
Adverse events	Suspected	Probable	Suspected	Probable	
Potentially life-threatening events					
Eczema vaccinatum	†	_	_	_	
Erythema multiforme major (Stevens-Johnson					
syndrome)	—	—	—	—	
Fetal vaccinia	_	—	—	_	
Post-vaccinial encephalitis or encephalomyelitis	—	—	—	—	
Progressive vaccinia	—	—	—	—	
Moderate-to-severe events§					
Generalized vaccinia	_	_	1	_	
Inadvertent inoculation, non-ocular	1	2	1	2	
Ocular vaccinia	_	_	_	2	
Pyogenic infection of vaccination site	—	—	—	—	
Other events of concern	No. nev	/ cases	Total no.	cases	
Other serious adverse events [¶]		4		3	
Other nonserious adverse events**	30	C	76	5	
Vaccinia immune globulin release	(0	1		
Vaccinia transmission to contacts		0††	()	

* Under investigation or completed as of March 10, 2003; numbers and classifications of adverse events , will be updated regularly in *MMWR* as more information becomes available.

¹₈ No cases reported.

[§] Three patients with inadvertent inoculation, non-ocular, and two patients who were contacts of military vaccinees.

¹¹ Events that result in hospitalization, permanent disability, life-threatening illness, or death; these events are associated temporally with smallpox vaccination but are not necessarily associated causally with vaccination.

** Include expected self-limited responses to smallpox vaccination (e.g., fatigue, headache, pruritis, local reaction at vaccination site, regional lymphadenopathy, lymphangitis, fever, myalgia and chills, and nausea); additional events are associated temporally with smallpox vaccination but are not necessarily ____ associated causally with vaccination.

¹¹ No cases of transmission from civilian vaccinees have been reported. Five cases of transmission from military personnel to civilian contacts have been reported.

On February 15, a man aged 23 years with no history of smallpox vaccination wrestled with a military recruit who had recently received smallpox vaccine and who had no covering in place over his inoculation site. On February 17, the patient noted a small pimple on his chest. A few days later, he noted a pustular lesion on his right shoulder. On March 3, the patient was assessed by local health authorities, who observed a 1.5 cm lesion on the patient's chest, with a welldefined scab and indurated center. A second 1.0 cm lesion was noted on the patient's face just below the nose and above his lip. The patient reported mild malaise but was otherwise well. Right axillary lymphadenopathy was noted on physical examination. On March 4, a swab specimen obtained from a pustular lesion tested positive for vaccinia DNA by real-time polymerase chain reaction (RT-PCR); confirmatory testing at CDC is pending.

On March 4, a woman aged 18 years with no history of smallpox vaccination reported to a local health department with a 0.5 cm pustular lesion on her right forearm, surrounded by a nearly 6.0 cm area of erythema. The lesion had developed during the previous 4 days after close physical

contact with her partner, a military vaccinee who was vaccinated on February 10. The vaccinee had maintained a small adhesive bandage over the lesion at all times, and the patient reported no sharing of towels or clothing; however, considerable oozing through the bandage was reported, which might have contaminated shared sheets and bedding. On March 6, a swab specimen from the pustular lesion tested positive for vaccinia DNA by RT-PCR.

On March 5, a woman aged 25 years with no history of smallpox vaccination was seen in an emergency department with three vesicular lesions on the proximal lateral aspect of her right arm. The patient was otherwise well. She reported close physical contact with a military vaccinee during February 14– 17, 2003. Swab specimens were obtained from the vesicular lesions for viral culture and direct flourescent antibody testing for vaccinia, herpes zoster, and herpes simplex virus; results are pending.

Four other serious adverse events were reported during March 4–10 (Table). None of these events was of a type known to be associated causally with vaccination.

On February 16, a woman aged 43 years was hospitalized 4 days after vaccination with chest pain and dyspnea. Cardiac catheterization revealed a pre-existing coronary artery anomaly. Angina considered to be related to this condition was diagnosed, and she was discharged the following day.

On February 26, a woman aged 53 years was hospitalized 8 days after vaccination with vomiting and diarrhea. Her symptoms improved after treatment with intravenous fluids and an antibiotic, and she was discharged the following day.

On February 28, a woman aged 57 years with a history of chronic obstructive pulmonary disease (COPD) was hospitalized 6 days after vaccination with an exacerbation of COPD, diarrhea, and dehydration. She was treated with intravenous fluids and was discharged the following day.

On February 28, a woman aged 45 years with a history of smallpox vaccination had sharp left shoulder pain and chest pain 2 days after vaccination. Her symptoms resolved after treatment with a nonsteroidal anti-inflammatory medication. Approximately 2 weeks before vaccination, she had onset of influenza-like illness (ILI) with fever, chill, myalgias, malaise, and cough, which were resolving at the time of vaccination after 1 week away from work. On March 3, she complained again of exertional chest pain and was hospitalized the following day with dyspnea and exertional chest pain that radiated to her neck. An echocardiogram on March 5 demonstrated a small pericardial effusion, left ventricular wall motion abnormality, and a mild decrease in left ventricular function. Cardiac catheterization found no evidence of coronary artery narrowing. Viral myocarditis judged to be associated with the antecedent ILI was diagnosed. On March 6, the patient was discharged after 2 days of hospitalization.

Among the 76 vaccinees with reported other nonserious adverse events during January 24–March 10 (Table), the most common signs and symptoms were rash (n = 20), fever (n = 18), pruritus (n = 17), and pain (n = 12). All of these commonly reported events are consistent with mild expected reactions following receipt of smallpox vaccine. Some vaccinees reported multiple signs and symptoms.

Surveillance for adverse events during the civilian smallpox vaccination program is ongoing; regular surveillance reports will be published in *MMWR*.

Reference

 CDC. Smallpox Vaccine Adverse Events Monitoring and Response System for the first stage of the smallpox vaccination program. MMWR 2002;52:88–9.

Notice to Readers

National Vaccine Advisory Committee Report on Strengthening the Vaccine Supply

The National Vaccine Advisory Committee has released a report entitled "Strengthening the Supply of Routinely Recommended Vaccines in the United States: A Report of the National Vaccine Advisory Committee." The report describes the immediate and contributing factors leading to the 2001–2002 vaccine supply shortages and outlines 12 recommendations to prevent future shortages. The report is available at http://www.cdc.gov/od/nvpo/nvac-vsr.htm.

Notice to Readers

Satellite Broadcast on HIV Prevention

CDC and the Public Health Training Network will present a satellite broadcast and web cast, "Update on Rapid Testing for HIV," on Thursday, April 24, 2003, beginning at 1 p.m., EST. The 2-hour forum describes rapid tests for human immunodeficiency virus (HIV) including availability, administration, benefits and limitations, implementation considerations for counseling and testing, confirmatory testing for positive test results, quality assurance and training, and resources for updates on rapid testing. A panel of experts will address viewers' questions and comments, which can be sent by fax before, during, and after the program.

Additional information is available at http:// www.cdcnpin.org/broadcast and through CDC's Fax Information System, telephone 888-232-3299, by entering document number 130039 and a return fax number. Organizations are responsible for setting up their own viewing sites and are encouraged to register their sites as soon as possible so persons who want to view the broadcast can access information online. Directions for establishing and registering a viewing are available on the website. The broadcast also can be viewed live or later on computers with Internet and Real Player capability through a link at http://www.phppo.cdc.gov/phtn. Videotapes of the broadcast can be ordered while supplies last by telephone, 800-458-5231.

Notice to Readers

FDA Licensure of Diphtheria and Tetanus Toxoids and Acellular Pertussis Adsorbed, Hepatitis B (Recombinant), and Poliovirus Vaccine Combined, (PEDIARIX™) for Use in Infants

On December 13, 2002, the U.S. Food and Drug Administration (FDA) licensed a combined diphtheria and tetanus toxoids and acellular pertussis adsorbed (DTaP), hepatitis B (HepB) (recombinant) and inactivated poliovirus vaccine (IPV), DTaP-HepB-IPV (PEDIARIXTM, SmithKline Beecham Biologicals, Rixensart, Belgium) for use in infants ages 2, 4, and 6 months. All components in the combined vaccine are recommended for routine use by the Advisory Committee on Immunization Practices (ACIP), the Committee on Infectious Diseases of the American Academy of Pediatrics, and the American Academy of Family Physicians (*1,2*). Combination vaccines decrease the number of vaccine injections (*3*).

Each dose of DTaP-HepB-IPV contains the type and amount of diphtheria and tetanus toxoids and pertussis antigens and hepatitis B virus antigens as the DTaP and pediatric formulation of hepatitis B vaccine from the same manufacturer (INFANRIX[®] and ENGERIX-B[®], respectively). The poliovirus component of DTaP-HepB-IPV contains the same strains and quantity of inactivated poliovirus Types 1, 2, and 3 as IPV from a different manufacturer (IPOL[®], Aventis Pasteur, South Africa) (4). The immunologic responses following 3 doses of DTaP-HepB-IPV were generally similar to those following 3 doses of separately administered INFANRIX[®], ENGERIX-B[®], and oral poliovirus vaccine (5). Immunogenicity data from simultaneous administration of DTaP-HepB-IPV, with both *Haemophilus influenzae* type b (Hib) conjugate vaccine and pneumococcal conjugate vaccine (PCV), are unavailable (4).

Except for fever, the rates of most solicited local and systemic adverse events following DTaP-HepB-IPV were comparable to rates observed following separately administered U.S.-licensed vaccines. In comparative studies, administration of DTaP-HepB-IPV and Hib vaccine was associated with higher rates of fever relative to separately administered vaccines (5,6). In an ongoing study, infants who received the first dose of DTaP-HepB-IPV with Hib vaccine and PCV had higher rates of fever compared with infants who received separately administered vaccines (4).

ACIP Approval of DTaP-HepB-IPV for the Vaccine for Children Program

ACIP has approved the use of PEDIARIXTM for the Vaccine for Children program and recommends that, in addition to FDA-approved uses, 3 doses of PEDIARIXTM can be administered to an infant who is born to a woman who is hepatitis B surface antigen (HBsAg)-positive or whose HBsAg status is unknown. ACIP also approved a minimum interval of 4 weeks between the first and second doses when used in an accelerated vaccination schedule; the third dose should not be given before age 24 weeks.

Indications and Usage

Primary series

- DTaP-HepB-IPV is approved for the primary series at ages 2, 4, and 6 months. The vaccine should not be administered to any infant aged <6 weeks or any person aged ≥7 years. The recommended interval between doses is 6–8 weeks (preferably 8 weeks) (4).
- 2. DTaP-HepB-IPV can be used to complete the primary series in infants and children who have received INFANRIX[®] (DTaP) and are scheduled to receive the other components of the combination. Data are limited on the safety and immunogenicity of interchanging currently used DTaP vaccines from different manufacturers (7). ACIP recommends that, whenever feasible, the same brand of DTaP should be used for the primary series but that vaccination should not be deferred because the type of DTaP previously administered is unavailable or unknown (7).

- 3. All infants should receive a single antigen HepB vaccine soon after birth and before hospital discharge; the first dose can be given by age 2 months if the infant's mother is HbsAg-negative (1). For optimal prevention of perinatal infection, infants born to women who are HBsAg-positive must receive their first dose of single antigen HepB vaccine and hepatitis B immune globulin (HBIG) within 12 hours of birth and ≥ 3 doses of HepB vaccine by 6 months of age. Women of unknown HBsAg status who give birth should be tested for HBsAg immediately and their infants administered single antigen HepB vaccine within 12 hours of birth; these infants also should receive HBIG if the woman is found to be HBsAg-positive. Except for doses administered at age <6 weeks of age, DTaP-HepB-IPV can be used in a HepB vaccine series for any infant. However, infants born to HBsAg-positive women should begin DTaP-HepB-IPV beginning by age 6-8 weeks after receiving single antigen vaccine at birth. Use of DTaP-HepB-IPV after single antigen HepB vaccine is administered at birth will result in a 4-dose HepB vaccine series (1); this is considered acceptable by ACIP (3).
- DTaP-HepB-IPV and HepB vaccine from a different manufacturer are interchangeable for HepB vaccination (3). DTaP-HepB-IPV and IPV from a different manufacturer are interchangeable for poliovirus vaccination (4).
- 5. DTaP-HepB-IPV combination can be administered with Hib and PCV vaccines at separate injection sites (7).

Boosters

1. The DTaP-HepB-IPV combination is not approved for the fourth dose of IPV or the fourth and fifth dose of DTaP (4).

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- Pickering LK, ed. 2000 Red Book: Report of the Committee on Infectious Diseases. 25th ed. Elk Grove Village, Illinois: Academy of Pediatrics, 2000.
- CDC. Combination vaccines for childhood immunization: recommendations of the Advisory Committee on Immunization Practices (ACIP), the American Academy of Pediatrics (AAP), and the American Academy of Family Physicians (AAFP). MMWR 1999;48(No. RR-5).
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- 5. Yeh SH, Ward JI, Partridge S, et al. Safety immunogenicity of a pentavalent diphtheria, tetanus, pertussis, hepatitis B and polio combination vaccine in infants. Pediatr Infect Dis J 2001;20:973–80.
- 6. Zepp F, Schuind A, Meyer C, Sanger R, Kaufhold A, Willems P. Safety and reactogenicity of a novel DTPa-HBV-IPV combined vaccine given along with commercial Hib vaccines in comparison with separate concomitant administration of DTPa, Hib, and OPV vaccines in infants. Pediatrics 2002;109:58.
- CDC. General recommendations on immunization: recommendations of the Advisory Committee on Immunization Practices (ACIP) and the American Academy of Family Physicians (AAFP). MMWR 2002;51 (No. RR-2).

Errata: Vol. 52, No. RR-1

In the *MMWR Recommendations and Reports*, "Prevention and Control of Infections with Hepatitis Viruses in Correctional Settings," published on January 24, 2003, an error occurred on page 4 in the second sentence of the paragraph under Occupational Exposures. The sentence should read, "Occupational transmission of HBV infection among hospital-based workers has been linked to percutaneous and mucous membrane exposures, and HCV infection has been primarily associated with percutaneous exposure."

On page 12, in Box 6, the fourth item under Type of Exposure should read, "Household (e.g., cell or dormitory) contact — to person with chronic HBV infection."

On page 2, errors occurred in Table 1, and on page 20, errors occurred in Table 5. The correct tables follow.

TABLE 1. Estimated chronic infections with hepatitis viruses among inmates and releasees — United States, 1997

Chronic infection	Number and percent of jail and prison inmates with condition*	Number and percent among noninmate population with condition	Number among total U.S. population with condition	Number of releasees with condition and as percentage of U.S. population with condition [†]
Hepatitis B virus	34,000 (2%) [§]	1 million–1.25 million (0.5%) [¶]	1.036 million–1.29 million	155,000 (12%–15%)
Hepatitis C virus	255,000 (15%)**	2.7 million (1.3%) ^{††}	2.97 million	1.16 million (39%)

Source: Adapted from National Commission on Correctional Health Care. The health status of soon-to-be-released inmates: a report to Congress. Chicago, IL: National Commission on Correctional Health Care, 2002. Available at http://www.ncchc.org/pubs_stbr.html.

* Based on 1.7 million inmates in prisons and jails, 1997 (15).

[†] Based on estimated 7.75 million unduplicated released inmates (2); A. Beck, Ph.D. Bureau of Justice Statistics, personal communication, 2002.

§ (31,83,84,85,86,88,89,90,92,94)

Vacaination

¹ Data from CDC, National Center for Health Statistics, National Health and Nutrition Examination Survey (NHANES III), adjusted to include persons of Asian origin (*76*).

** (88,121,122); L. Wang, Ph.D., New York State Department of Health, personal communication, 2001; D. Lau, M.D., University of Texas Medical Branch— Galveston, personal communication, 2001.

^{††} Based on data from NHANES III (107).

TABLE 5. Postexposure prophylaxis for exposure to hepatitis B virus in correctional settings

vaccination and antibody	Treat	ment when source is found t	
response status of exposed person*	HBsAg [†] positive	HBsAg negative	HBsAg unknown or not available for testing [§]
Unvaccinated	${\sf HBIG}^{\P}x$ 1, and initiate HB vaccine series**	Initiate HB vaccine series	Initiate HB vaccine series
Previously vaccinated			
Known responder ^{††}	No treatment	No treatment	No treatment
Known nonresponder ^{§§}	HBIG x 2, or HBIG x 1 and initiate re-vaccination ^{¶¶}	No treatment	Treat as if source were HBsAg positive§
Antibody response unknown	Test exposed person for anti-HBs*** 1. If adequate, no treatment is necessary. ^{††} 2. If inadequate, administer HBIG x 1 and vaccine booster. ^{†††}	No treatment	Treat as if source were HBsAg positive ${}^{\!\!\!\!S}$

Source: Adapted from CDC. Updated U.S. Public Health Service guidelines for the management of occupational exposures to HBV, HCV, and HIV and recommendations for postexposure prophylaxis. MMWR 2001;50 (No. RR-11):1–52.

* Persons who have previously been infected with HBV are immune to reinfection and do not require postexposure prophylaxis.

[†] Hepatitis B surface antigen.

§ Inmates should be considered persons at probable high risk.

[¶] Hepatitis B immune globulin; dose is 0.06 mL/kg body weight intramuscularly.

** Hepatitis B vaccine.

⁺⁺ A responder is a person with adequate levels of serum antibody to HBsAg (i.e., anti-HBs ≥10 mlU/mL).

§ A nonresponder is a person with inadequate response to vaccination (i.e., anti-HBs <10 mlU/mL).

The option of administering one dose of HBIG and reinitiating the vaccine series is preferred for nonresponders who have not completed a second 3-

dose vaccine series. For persons who previously completed a second vaccine series but failed to respond, 2 doses of HBIG are preferred.

⁺⁺⁺ For persons with ongoing exposure, such as health-care workers, recheck anti-HBs level in 1 month.

CASES CURRENT DISEASE DECREASE **INCREASE** 4 WEEKS 290 Hepatitis A, Acute Hepatitis B, Acute 254 Hepatitis C, Acute 46 46 Legionellosis Measles, Total 1 Meningococcal Infections 118 Mumps 15 230 Pertussis Rubella 0 0.5 0.03125 0.0625 0.125 0.25 1 2 4 Ratio (Log Scale)[†] Beyond Historical Limits

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending March 8, 2003, with historical data

* No rubella cases were reported for the current 4-week period yielding a ratio for week 10 of zero (0). † Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

		Cum. 2003	Cum. 2002		Cum. 2003	Cum. 2002
Anthrax		-	1	Hansen disease (leprosy) [†]	8	11
Botulism:		-	-	Hantavirus pulmonary syndrome [†]	3	-
	foodborne	1	4	Hemolytic uremic syndrome, postdiarrheal [†]	16	18
	infant	9	13	HIV infection, pediatric ^{†§}	49	28
	other (wound & unspecified)	3	5	Measles, total	31	5**
Brucellosis [†]	,	10	16	Mumps	33	51
Chancroid		7	9	Plague	-	-
Cholera		-	-	Poliomyelitis, paralytic	-	-
Cyclosporiasi	s†	8	21	Psittacosis [†]	2	10
Diphtheria		-	-	Q fever [†]	8	5
Ehrlichiosis:		-	-	Rabies, human	1	-
	human granulocytic (HGE) [†]	7	10	Rubella	-	1
	human monocytic (HME)†	6	2	Rubella, congenital	-	1
	other and unspecified	-	-	Streptococcal toxic-shock syndrome [†]	22	18
Encephalitis/	/eningitis:	-	-	Tetanus	1	3
·	California serogroup viral [†]	-	-	Toxic-shock syndrome	14	24
	eastern equine [†]	-	-	Trichinosis	1	2
	Powassan [†]	-	-	Tularemia [†]	4	4
	St. Louis [†]	-	-	Yellow fever	-	-
	western equine [†]	-	-			

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending March 8, 2003 (10th Week)*

-: No reported cases.

Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date). t

Not notifiable in all states.

[§] 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 February 23, 2003. ¹ Of three cases reported, two were indigenous and one was imported from another country.

** Of five cases reported, four were indigenous and one was imported from another country.

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(10th Week)*	AIC	os	Chlar	nydia†	Coccidio	domycosis	Cryptosp	oridiosis	Encephalitis Wes	s/Meningitis t Nile
Reporting area	Cum. 2003§	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002
UNITED STATES	6,085	6,339	124,017	146,274	608	756	208	390	-	-
NEW ENGLAND	209	205	4,459	5,008			16	14	-	-
Maine N.H.	- 3	1 4	163 260	244 300	N	N	1	- 2	-	-
Vt.	5	4	200	140	-	-	2	1	-	-
Mass.	49 21	132	1,570	1,930	-	-	8	5 3	-	-
R.I. Conn.	131	21 43	526 1,739	508 1,886	N	N	3 2	3	-	-
MID. ATLANTIC	1,622	1,364	8,362	15,740	-	-	16	37	-	-
Upstate N.Y.	73	70	2,808	1,921	Ν	N	10	6	-	-
N.Y. City N.J.	962 179	857 257	761 2,109	5,495 2,720	-	-	2 2	23 3	-	-
Pa.	408	180	2,684	5,604	Ν	N	2	5	-	-
E.N. CENTRAL	617	664	23,019	26,862	1	4	48	125	-	-
Ohio	99	152	6,346	7,049	-	-	9 4	34	-	-
Ind. III.	95 239	84 333	2,655 5,481	3,168 7,499	N	N	4 5	11 23	-	-
Mich.	156	66	5,628	5,950	1	4	14	21	-	-
Wis.	28	29	2,909	3,196	-	-	16	36	-	-
W.N. CENTRAL Minn.	115 14	105 19	7,701 1,241	8,162 2,010	N	N	25 13	30 10	-	-
lowa	18	22	770	623	N	N	5	3	-	-
Mo.	71	34	3,074	2,721	-	-	2	7	-	-
N. Dak. S. Dak.	- 3	- 1	85 458	222 382	N	N	- 4	2 2	-	-
Nebr.	1	13	777	765	-		1	4	-	-
Kans.	8	16	1,296	1,439	N	N	-	2	-	-
S. ATLANTIC Del.	1,157 27	1,963 45	27,325 573	26,800 517	N	N	52 1	80	-	-
Md.	47	250	2,918	2,870	-	-	7	3	-	-
D.C.	164	87	658	670	-	-	-	1	-	-
Va. W. Va.	197 3	155 11	2,768 476	2,826 453	N	N	4	1	-	-
N.C.	75	134	4,500	3,728	N	N	4	9	-	-
S.C. Ga.	132 218	136 472	2,568 5,636	2,736 5,477	-	-	1 24	1 41	-	-
Fla.	294	673	7,228	7,523	Ν	Ν	11	23	-	-
E.S. CENTRAL	237	258	10,021	10,269	-	-	13	17	-	-
Ky.	8	31	1,530	1,722	N	N	-	1	-	-
Tenn. Ala.	119 45	115 57	3,254 2,846	3,285 3,169	N	N	5 6	5 10	-	-
Miss.	65	55	2,391	2,093	Ν	Ν	2	1	-	-
W.S. CENTRAL	804	726	18,615	20,497	-	-	2	8	-	-
Ark. La.	23 49	35 182	1,133	1,390 3,532	N	N	1	2 1	-	-
Okla.	49	33	3,104 1,562	1,652	N	N	- 1	1	-	-
Tex.	692	476	12,816	13,923	-	-	-	4	-	-
MOUNTAIN	293	194	7,480	8,959	508	536	17	18	-	-
Mont. Idaho	6	4 4	356 494	438 409	N N	N N	1 5	- 5	-	-
Wyo.	1	2	210	159	-	-	-	1	-	-
Colo. N.Mex.	56 21	34 7	1,501 250	2,614 1,375	N	N 2	3	4	-	-
Ariz.	145	78	3,030	2,679	- 501	525	2	4	-	-
Utah	38	13	630	155	1	2	4	2	-	-
Nev.	26	52	1,009	1,130	6	7	2	2	-	-
PACIFIC Wash.	1,031 68	860 82	17,035 2,830	23,977 2,638	99 N	216 N	19	61 10	-	-
Oreg.	46	90	1,279	1,220	-	-	5	7	-	-
Calif. Alaska	908 6	675 2	11,527 561	18,712 624	99	216	14	44	-	-
Hawaii	3	11	838	783	-	-	-	-	-	-
Guam	1	-	-	-	-	-	-	-	-	-
P.R.	58	165	173	5	Ν	Ν	Ν	Ν	-	-
V.I. Amer. Samoa	1 U	45 U	- U	42 U	- U	- U	- U	- U	- U	- U
C.N.M.I.	2	U	-	Ŭ	-	U	-	U	-	Ŭ

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002

N: Not notifiable. U: Unavailable. -: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands. * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date). * Chlamydia refers to genital infections caused by *C. trachomatis.* \$ 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 23, 2003.

(10th Week)*	·									
		Escher	<i>richia coli</i> , Enter	rohemorrhagi						
			-	n positive,	Shiga toxii					
		57:H7	· · · ·	non-0157	not seroe			diasis		orrhea
Reporting area	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002
UNITED STATES	155	221	. 11	11	7	1	1,917	2,542	51,125	64,532
NEW ENGLAND	10	14	-	1	-	-	124	293	1,192	1,549
Maine	-	-	-	-	-	-	18	29	6	13
N.H. Vt.	2	1 -	-	-	-	-	11 12	11 20	21 19	21 23
Mass.	4	7 2	-	1	-	-	64 18	161 18	381	673 173
R.I. Conn.	4	2 4	-	-	-	-	1	54	180 585	646
MID. ATLANTIC	7	16	-	-	1	-	334	517	3,604	7,292
Upstate N.Y. N.Y. City	4	11	-	-	1	-	112 166	134 194	1,135 345	1,036 2,364
N.J.	3	4	-	-	-	-	31	93	1,155	1,501
Pa.	N	Ν	-	-	-	-	25	96	969	2,391
E.N. CENTRAL Ohio	38 13	78 13	1	-	3 3	-	361 145	570 162	11,503 3,972	13,694 3,941
Ind.	4	7	-	-	-	-	-	-	1,040	1,409
III. Mich.	5 8	23 15	-	-	-	-	80 120	169 150	2,646 2,772	4,254 2,998
Wis.	8	20	-	-	-	-	16	89	1,073	1,092
W.N. CENTRAL	25	32	3	3	2	-	237	243	2,806	3,459
Minn. Iowa	10 3	7 7	3	3	-	-	70 37	67 46	356 153	607 195
Mo.	4	9	Ν	Ν	Ν	Ν	61	67	1,550	1,662
N. Dak. S. Dak.	1 2	- 1	-	-	1	-	7 8	3 10	2 22	13 47
Nebr.	4	5	-	-	-	-	32	24	232	291
Kans.	1	3	-	-	1	-	22	26	491	644
S. ATLANTIC Del.	24	27 1	3	5	-	-	402 10	453 10	14,171 263	15,836 331
Md.	-	-	-	-	-	-	21	19	1,489	1,601
D.C. Va.	2	2	-	-	-	-	35	11 16	513 1,380	557 1,727
W.Va.	-	-	-	-	-	-	4	3	158	183
N.C. S.C.	6	6	-	-	-	-	N 4	N 3	2,582 1,490	2,768 1,569
Ga. Fla.	8 8	17 1	- 3	4 1	-	-	168 160	115 276	2,921 3,375	3,021 4,079
E.S. CENTRAL	9	3	5	I	-	-	50	49	5,094	4,079 5,851
Ky.	1	-	-	-	-	-	N	49 N	649	665
Tenn. Ala.	4 3	3	-	-	-	-	20 30	19 30	1,482 1,761	1,870 2,078
Miss.	1	-	-	-	-	-	-	-	1,202	1,238
W.S. CENTRAL	1	3	-	-	-	1	37	15	7,911	9,345
Ark. La.	1	-	-	-	-	-	25 1	15	674 1,974	871 2,289
Okla.	-	-	-	-	-	-	11	-	628	713
Tex.	-	3	-	-	-	1	-	-	4,635	5,472
MOUNTAIN Mont.	17	15 2	3	1	1	-	237 4	227 12	1,737 26	2,141 26
Idaho	2	1	2	-	-	-	24	5	16	17
Wyo. Colo.	- 4	2	-	1	- 1	-	3 68	2 79	11 433	14 755
N.Mex.	-	2	1	-	-	-	9	24	52	271
Ariz. Utah	8 3	3 3	N	N	N	N	53 56	42 34	851 59	696 14
Nev.	-	2	-	-	-	-	20	29	289	348
PACIFIC	24	33	1	1	-	-	135	175	3,107	5,365
Wash. Oreg.	9 4	5 7	- 1	- 1	-	-	25 61	38 93	537 168	594 178
Calif.	9	20	-	-	-	-	20	-	2,149	4,351
Alaska Hawaii	- 2	-	-	-	-	-	14 15	17 27	87 166	127 115
Guam	N	N	-	-	-	-	-		-	-
P.R.	-	-	-	-	-	-	1	-	19	3
V.I. Amer. Samoa	- U	U	- U	- U	- U	Ū	- U	U	- U	16 U
C.N.M.I.	-	Ŭ	-	Ŭ	-	Ŭ	-	Ŭ	-	Ŭ

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002 (10th Week)*

N: Not notifiable. -: No reported cases. * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date).

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(10th Week)*				Haemophilus influenzae, invasive							
	All	ages			Age <				-	atitis te), by type	
		otypes	Serot		Non-sei		Unknown	serotype		4	
Reporting area	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	
UNITED STATES	258	364	2	3	33	66	9	3	790	1,896	
NEW ENGLAND	21	34	-	-	1	5	1	-	24	83	
Maine	1	1	-	-	-	-	-	-	1	3	
N.H. Vt.	4 4	4 2	-	-	-	-	-	-	3 1	3	
Mass. R.I.	8	17	-	-	1	3	1	-	15	44	
Conn.	4	10	-	-	-	2	-	-	2 2	4 29	
MID. ATLANTIC	36	60	-	1	4	8	2	-	97	211	
Upstate N.Y. N.Y. City	17 6	26 17	-	1	3 1	3 4	1	-	16 58	31 94	
N.J.	8	14	-		-	1	-	-	15	38	
Pa.	5	3	-	-	-	-	1	-	8	48	
E.N. CENTRAL Ohio	21 11	58 24	1	-	4 3	7 3	-	-	98 26	226 51	
Ind.	6	6	-		1	1	-	-	3	10	
III. Mich.	- 4	26 2	- 1	-	-	3	-	-	25 36	89 47	
Wis.	-	-	-	-	-	-	-	-	8	29	
W.N. CENTRAL	18	10	-	-	3	1	2	1	35	72	
Minn.	8	7 1	-	-	3	1	-	-	4	5	
lowa Mo.	6	2	-	-	-	-	2	- 1	11 6	16 16	
N. Dak.	-	-	-	-	-	-	-	-	1	-	
S. Dak. Nebr.	1	-	-		-	-	-	-	- 4	2 4	
Kans.	3	-	-	-	-	-	-	-	9	29	
S. ATLANTIC	58	82	-	-	4	18	-	-	263	475	
Del. Md.	- 12	- 17	-	-	- 1	-	-	-	1 37	5 75	
D.C.	-	-	-	-	-	-	-	-	-	20	
Va. W.Va.	2 1	5 1	-	-	-	1	-	-	2 4	9 3	
N.C.	3	10	-	-	-	1	-	-	15	68	
S.C. Ga.	1 15	2 27	-	-	- 2	- 10	-	-	6 112	10 64	
Fla.	24	20	-	-	1	6	-	-	86	221	
E.S. CENTRAL	24	16	-	1	3	4	-	-	27	77	
Ky. Tenn.	2 10	1 6	-	-	- 2	- 2	-	-	5 12	15 34	
Ala.	11	5	-	1	1	2	-	-	7	7	
Miss.	1	4	-	-	-	-	-	-	3	21	
W.S. CENTRAL	15	17	-	1	1	4	-	-	24	166	
Ark. La.	2 4	1 1	-	-	-	-	-	-	6	12 5	
Okla.	9	14	-	-	1	4	-	-	4	9	
Tex.	-	1	-	1	-	-	-	-	14	140	
MOUNTAIN Mont.	49	46	1		9	9	3	1	62	149 5	
Idaho	-	1	-	-	-	-	-	-	-	9	
Wyo. Colo.	- 8	1 10	-	-	- 1	- 1	-	-	- 5	2 21	
N.Mex.	5	10	-	-	1	4	2	-	1	4	
Ariz. Utah	29 5	17 4	1	-	5 2	3	-	-	42 5	79 11	
Nev.	2	3	-	-	-	1	1	1	9	18	
PACIFIC	16	41	-	-	4	10	1	1	160	437	
Wash. Oreg.	2 10	- 22	-	-	1 2	- 3	1	-	9 19	18 27	
Calif.	1	9	-	-	1	6	-	1	129	389	
Alaska Hawaii	- 3	1 9	-	-	-	1	-	-	1 2	3	
Guam	-	-	_	-	-	-	-	-	-	_	
P.R.	-	-	-	-	-	-	-	-	-	-	
V.I. Amer. Samoa	- U	- U	- U	- U	- U	- U	- U	- U	- U	- U	
C.N.M.I.	-	Ŭ	-	U	-	U	-	U	-	Ŭ	

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002 (10th Week)*

 C.N.M.I.
 U
 U

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

 * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date).

(10th Week)*	,									
		lepatitis (viral B	, acute), by typ		Legior	ellosis	Lister	iosis	Lvme c	lisease
Reporting area	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002
UNITED STATES	902	1,134	190	350	135	139	52	68	612	814
NEW ENGLAND	31	38	-	9	7	5	4	8	7	77
Maine N.H.	- 2	- 3	-	-	-	- 1	- 1	1 2	-	- 10
Vt.	1	2	-	4	1	-	-	-	3	1
Mass. R.I.	26	26	-	5	2 1	2	2	3	1 3	62 3
Conn.	2	7	-	-	3	2	1	2	-	1
MID. ATLANTIC Upstate N.Y.	162 9	262 16	8 4	18 11	15 9	28 6	8 2	8 3	492 316	590 329
N.Y. City	50	152	-	-	3	1	3	2	-	20
N.J. Pa.	98 5	59 35	4	3 4	2 1	10 11	2 1	- 3	65 111	135 106
E.N. CENTRAL	85	95	25	23	34	51	5	12	6	24
Ohio Ind.	28	16 4	4	-	19 1	27 4	2 1	6	4 2	4
III.	-	9	2	4	-	-	-	1	-	-
Mich. Wis.	45 12	58 8	19 -	19 -	14	14 6	2	2 3	Ū	- 18
W.N. CENTRAL	49	43	42	147	3	7	2	2	15	8
Minn. Iowa	2 4	1 6	-	- 1	- 1	1	1	-	13 2	2 3
Mo. N. Dak.	31	21	40	143	1	2	-	1	-	3
S.Dak.	-	-	-	-	-	1	-	1	-	-
Nebr. Kans.	10 2	8 7	2	3	- 1	3	1	-	-	-
S. ATLANTIC	316	326	37	16	54	19	17	8	69	77
Del. Md.	1 20	2 32	- 4	3 2	- 12	3 6	- 2	- 1	10 42	12 54
D.C.	-	2	-	-	-	-	-	-	-	3
Va. W.Va.	6 1	22 6	-	-	3 N	2 N	-	-	-	-
N.C. S.C.	18	36 5	3	3 1	5	3 2	5 1	1 2	9	5 1
Ga.	164	132	3	1	7	3	4	3	2	-
Fla.	106	89	27	6	27	-	5	1	6	2
E.S. CENTRAL Ky.	50 8	71 7	18 2	44 1	2	4 2	4	3	2	3 1
Tenn. Ala.	11 16	30 17	- 2	7 2	2	- 2	- 3	2 1	2	-
Miss.	15	17	14	34	-	-	1	-	-	2
W.S. CENTRAL	19	58	41	70 5	4	4	1	7	2	13
Ark. La.	1 16	27 7	11	5 2	-	1	-	-	2	1
Okla. Tex.	- 2	1 23	- 30	- 63	2 2	- 3	1	2 5	-	- 12
MOUNTAIN	100	78	10	6	10	6	9	5	4	2
Mont. Idaho	3	2	-	-	- 1	1	1	-	- 1	-
Wyo.	1	3	-	2	1	-	-	-	-	-
Colo. N.Mex.	13 3	13 15	7	1	2	2 1	5	1	-	- 1
Ariz. Utah	58 7	33 5	2	-	3 2	- 2	3	3 1	- 2	1
Nev.	15	7	- 1	3	1	-	-	-	1	-
PACIFIC	90	163	9	17	6	15	2	15	15	20
Wash. Oreg.	8 26	9 29	1 3	2 7	1 N	N	- 1	1 1	- 5	- 1
Calif. Alaska	53 2	122 2	5	8	5	15	1	13	10	19
Hawaii	2	1	-	-	-	-	-	-	N	N
Guam P.R.	-	-	-	-	-	-	-	-	- N	- N
V.I.	-	-	-	-	-	-	-	-	-	-
Amer. Samoa C.N.M.I.	U -	U U	U -	U U	U -	U U	U -	U U	U -	U U

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002 (10th Week)*

N: Not notifiable. U: Unavailable. -: No reported cases. * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date).

(10th Week)*	Mal	aria		ococcal ease	Peri	ussis	Rabies	s, animal		lountain d fever
Reporting area	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002
UNITED STATES	116	197	282	391	704	1,093	545	998	39	49
NEW ENGLAND	5	15	13	29	125	182	67	104	1	-
Maine N.H.	1	1 4	1	2 3	- 7	3 1	6 3	5 1	-	-
Vt.	-	-	-	3	16	28	5	21	-	-
Mass. R.I.	3	6	9	18 2	102	145	27 1	31 6	1	-
Conn.	-	4	2	1	-	5	25	40	-	-
MID. ATLANTIC	22	46	15	40	58	58	48	123	1	4
Upstate N.Y. N.Y. City	8 9	7 25	5 5	12 7	44	48 5	46	82 5	-	-
N.J.	2	10	3	8	5	-	-	20	1	-
Pa.	3	4	2	13	9	5	2	16	-	4
E.N. CENTRAL Ohio	9 5	27 7	40 18	57 22	72 55	131 80	4	2 1	1	2 2
Ind.	-	-	6	9 7	4	8	2	1	-	-
III. Mich.	1 3	9 7	- 13	7 12	- 10	13 13	- 2	-	-	-
Wis.	-	4	3	7	3	17	-	-	-	-
W.N. CENTRAL	4	18	24	28	49	101	71	57	2	2
Minn. Iowa	2 2	7 2	4 4	4 5	27 6	26 26	6 9	5 5	- 1	-
Mo.	-	4	14	13	9	29	-	1	1	2
N. Dak. S. Dak.	-	-	-	- 2	- 1	- 5	12 6	- 18	-	-
Nebr.	-	2	1	2	1	2	-	-	-	-
Kans.	-	3	1	2	5	13	38	28	-	-
S. ATLANTIC Del.	42	44 1	69 6	54 1	78 1	58 1	300	337 3	31	38
Md.	16	18	5	1	14	10	2	63	4	8
D.C. Va.	- 3	2 3	- 4	- 4	- 1	- 15	- 89	- 88	-	- 1
W.Va.	2	-	1	-	-	1	9	22	-	-
N.C. S.C.	4	5 2	5	8 10	36	10 18	104 13	87 11	27	26 3
Ga.	4	12	10	8	14	2	63	47	-	-
Fla.	13	1	38	22	12	1	20	16	-	-
E.S. CENTRAL Ky.	5 1	4	16	19 3	17 3	40 9	8 3	111 3	1	2
Tenn.	2	1	2	4	4	22	-	108	1	2
Ala. Miss.	2	1 2	5 9	9 3	8 2	2 7	5	-	-	-
W.S. CENTRAL	5	2	30	58	1	219	17	204	-	1
Ark.	1	- 2	2	7 4	- 1	131	-	-	-	-
La. Okla.	-	-	11 3	6	-	1 7	17	21	-	-
Tex.	3	-	14	41	-	80	-	183	-	1
MOUNTAIN Mont.	5	7	14	31 1	159	123 2	12 1	23	1	-
Idaho	-	-	-	-	2	12	-	-	-	-
Wyo. Colo.	- 4	- 2	- 4	- 9	7 73	3 71	-	1	-	-
N.Mex.	-	-	2	1	13	18	-	-	-	-
Ariz. Utah	1	2 2	6	10 1	44 14	9 6	11	22	1	-
Nev.	-	1	2	9	6	2	-	-	-	-
PACIFIC	19	34	61	75	145	181	18	37	1	-
Wash. Oreg.	4 5	1	8 20	11 15	29 49	53 12	-	-	-	-
Calif.	10	30	31	46	67	111	17	20	1	-
Alaska Hawaii	-	1 2	- 2	1 2	-	1 4	1	17	-	-
Guam	-	-	-	-	-	-	-	-	-	-
P.R.	-	-	-	-	-	-	-	-	Ν	Ν
V.I. Amer. Samoa	- U	U	Ū	Ū	- U	- U	- U	U	Ū	U
C.N.M.I.	-	Ū	-	Ū	-	Ū	-	Ū	-	Ŭ

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002

N: Not notifiable. - : No reported cases. * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date).

(10th Week)*							Stre	ptococcus pne	<i>umoniae</i> , inva	asive
	Salma	nellosis	Shigellosis		Streptococc		Drug res		A	Evere
Reporting area	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	invasive, Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	5 years Cum. 2002
UNITED STATES	3,597	5,136	2,746	2,545	839	893	483	395	67	36
NEW ENGLAND	155	243	49	42	45	47	2	1	-	1
Maine N.H.	9 9	38 7	2	2 2	4 5	6 12	-	-	- N	N
Vt.	3	9	-	-	6	1	2	- 1	-	1
Mass.	90	135 5	30	34	30	28	N	N	N	N
R.I. Conn.	10 34	5 49	2 15	4	-	-	-	-	-	-
MID. ATLANTIC	265	597	161	145	110	141	13	21	14	10
Upstate N.Y. N.Y. City	75 111	109 196	42 51	18 73	73 12	60 34	13 U	21 U	14 U	10 U
N.J.	27	194	45	34	10	41	Ň	Ň	Ň	Ň
Pa.	52	98	23	20	15	6	-	-	-	-
E.N. CENTRAL Ohio	530 192	892 247	197 48	342 167	208 73	227 37	90 72	33	35 32	19
Ind.	38	44	15	10	7	7	18	31	3	5
III. Mich.	169 89	382 118	82 39	106 32	41 86	87 62	N	2 N	N	N
Wis.	42	101	13	27	1	34	N	N	-	14
W.N. CENTRAL	265	367	142	243	71	44	66	75	8	5
Minn. Iowa	76 65	72 50	11 7	25 17	24	5	N	21 N	8 N	4 N
Mo.	67	164	42	31	17	19	3	1	-	1
N. Dak.	4 13	5 17	- 8	- 95	3 8	- 3	2	- 1	-	-
S. Dak. Nebr.	13	17	62	95 54	10	6	12	16	N	N
Kans.	26	42	12	21	9	11	49	36	Ν	Ν
S. ATLANTIC	1,166	1,348	1,396	945	151	153	271	206	2	1
Del. Md.	4 111	11 97	66 124	3 107	2 61	- 17	-	3	N	N
D.C.	-	14	-	7	-	3	-	11	- N	1
Va. W.Va.	72 3	82 6	43	188 2	1	11	N 10	N 6	N 2	N
N.C.	226	182	158	49	22	38	N	N	U	U
S.C. Ga.	39 295	62 330	14 515	9 365	1 16	8 50	9 97	40 100	N N	N N
Fla.	416	564	476	215	47	26	155	46	Ν	Ν
E.S. CENTRAL	268	265	146	183	25	29	20	40	-	-
Ky. Tenn.	45 84	30 83	23 40	40 14	5 20	5 24	1 19	3 37	N N	N N
Ala.	91	85	60	52	-	-	-	-	N	Ν
Miss. W.S. CENTRAL	48 144	67 314	23 259	77 178	35		- 15	- 7	8	-
Ark.	49	53	≥59 6	25	35 1	61	3	2	-	-
La. Okla.	31 33	40 44	32 104	20 39	1	1 11	12 N	5 N	6	-
Tex.	31	177	117	39 94	18 15	49	N	N	2	-
MOUNTAIN	306	310	196	84	143	67	6	12	-	-
Mont. Idaho	14 15	5 17	- 2	- 2	- 6	- 1	N	N	N	N
Wyo.	4	11	1	1	-	3	1	6	-	-
Colo. N.Mex.	92 23	86 45	28 27	21 11	46 33	27 31	- 5	- 6	-	-
Ariz.	114	82	123	35	53	-	-	-	N	N
Utah Nev.	26 18	24 40	6 9	7 7	5	5	-	-	-	-
PACIFIC	498	800	9 200	383	- 51	- 124	-	-	-	-
Wash.	55	26	24	11	-	16	-	-	N	N
Oreg. Calif.	48 354	53 667	11 153	27 332	N 33	N 90	N N	N N	N N	N N
Alaska	17	14	2	1	-	-	-	-	N	N
Hawaii	24	40	10	12	18	18	-	-	-	-
Guam P.R.	- 1	-	-	-	- N	- N	- N	N	- N	- N
V.I.	-			-	-	-	-	-	-	-
Amer. Samoa C.N.M.I.	U	U U	U	U U	U	U U	U	U U	U	U U
		0		0		0		0		0

TABLE II. (*Continued*) Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002 (10th Week)*

N: Not notifiable. U: Unavailable. - : No reported cases. * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date).

212

		Syp	hilis						Varicella	
		secondary	Congenital			culosis	Typhoid fever		(Chickenpox)	
Reporting area	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	Cum. 2002	Cum. 2003	
UNITED STATES	1,061	1,108	50	78	972	1,700	22	52	2,232	
NEW ENGLAND	26	14	-	-	20	58	1	4	495	
Maine	-	-	-	-	-	2	-	-	262	
N.H. Vt.	1	-	-	-	3	1	-	-	- 186	
Mass.	21	8	-	-	8	17	-	3	47	
R.I. Conn.	4	2 4	-	-	3 6	14 24	- 1	- 1	-	
MID. ATLANTIC	119	102	6	10	218	291	3	12	1	
Upstate N.Y.	3	4	4	1	20	33	1	1	Ň	
N.Y. City N.J.	65 33	58 23	1	3 6	177	159 64	2	6 5	-	
Pa.	18	17	-	-	21	35	-	-	1	
E.N. CENTRAL	146	217	16	12	159	155	2	8	1,254	
Ohio	33	36	1	-	20	21	-	3	310	
nd. III.	4 41	11 65	3 9	- 11	23 82	17 79	1	1	-	
Mich.	66	99	3	1	31	30	1	2	928	
Wis.	2	6	-	-	3	8	-	1	16	
W.N. CENTRAL	25	16	-	-	60	84	-	2	5	
Minn. Iowa	6 2	6	-	-	26 5	34	-	1	N	
Mo.	10	5	-	-	8	30	-	1	-	
N. Dak. S. Dak.	-	-	-	-	- 8	- 5	-	-	5	
Nebr.	-	2	-	-	2	1	-	-	-	
Kans.	7	3	-	-	11	14	-	-	-	
S. ATLANTIC	296	268	6	18	136	316	4	10	461	
Del. Md.	1 43	4 27	-	2	26	28	- 1	- 1	1	
D.C.	7	10	1	-	-	-	-	-	-	
Va. W.Va.	14	7	1	-	25 2	37 6	-	-	101 354	
N.C.	29	66	1	6	22	41	1	-	N	
S.C. Ga.	25 61	25 37	1	2 4	18 30	21 45	-	- 5	5	
Fla.	116	92	2	4	13	138	2	4	-	
E.S. CENTRAL	70	127	8	6	102	117	-	-	-	
Ky.	12	12	-	2	13	17	-	-	N	
Tenn. Ala.	31 24	50 46	4 4	2	32 49	57 34	-	-	N	
Miss.	3	19	-	2	8	9	-	-	-	
W.S. CENTRAL	148	147	5	21	25	297	-	3	2	
Ark.	9	8 25	-	-	11	4	-	-	-	
La. Okla.	14 9	25 15	-	-	14	11	-	-	2 N	
Tex.	116	99	5	21	-	282	-	3	-	
MOUNTAIN	42	51	7	4	31	43	2	2	14	
Mont. Idaho	-	- 1	-	-	-	-	-	-	N N	
Wyo.	-	-	-	-	1	1	-	-	2	
Colo. N. Mex.	3 3	3 5	1	1	11	13 8	2	1	-	
Ariz.	33	41	6	3	18	12	-	-	-	
Utah	1	-	-	-	1	5	-	1	12	
Nev.	2	1	-	-	-	4	-	-	-	
PACIFIC Wash.	189 12	166 11	2	7	221 45	339 38	10	11	-	
Oreg.	11	4	-		14	16	2	2	-	
Calif. Alaska	162	150	2	7	133 9	250 15	8	9	-	
Hawaii	4	- 1	-	-	20	20	-	-	-	
Guam	-	-	-	-	-	-	-	-	-	
P.R.	18	-	1	-	-	-	-	-	3	
V.I. Amer. Samoa	- U	1 U	- U	- U	- U	- U	- U	- U	Ū	
C.N.M.I.	-	Ŭ	-	Ŭ	-	Ŭ	-	Ŭ	-	

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending March 8, 2003, and March 9, 2002

N: Not notifiable. U: Unavailable. - : No reported cases. * Incidence data for reporting years 2002 and 2003 are provisional and cumulative (year-to-date).

TABLE III. Deaths in 122 U.S.	cities.* week ending Ma	arch 8. 2003 (10th Week)
	ondoo, noon onanig inc	

Begering Area Age 158 98 10 11 Transport Age 12.54 12.44 12.44 12.44 12.45 12.55 Boston, Mass. 158 30 13 7 6 21 Allinit, Ga. 0.03 701 255 33 14 -1 17 Fall River, Mass. 35 23 5 2 - - 3 adescription, Fila. 143 13 7 4 - 1 5 33 18 3 1 1 7 4 - 1 5 Mipolis, Via. 66 36 16 1 1 2 6 1 1 2 6 1 1 2 6 1 1 1 1 1 1 1 1 1 1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1			in 122 U.S. cities,* week ending March 8, 2003 (10th Week) All causes, by age (years)							All causes, by age (years)						
NEW EVALAND 53 394 100 38 10 11 7 1 2 4 0	Departing Area		. 65	45.64	05.44	1.04	.4		Departing Area		. CE	AE CA	05.44	1.04		P&I [†]
Boato, Mans. 164 102 28 13 7 6 21 Allanta, Ga. U <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></th<>												1				
Bridgeory, Com. 28 23 4 1 2 Baltmore, Md. 137 87 87 35 11 4 - 17 Fail Flow Mass. 21 3 4 4 1 2 Galtmore, Md. 137 87 23 96 4 1 7 Fail Flow Mass. 30 28 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																
Cambringhe, Mass. 21 13 4 4 3 Charlote, N.C. 113 75 23 9 4 1 7 7 Fall River, Mass. 33 28 5 2 7 S Fall River, Mass. 30 28 5 2 7 S Standmah, Ga. 16 10 14 5 4 1 - 1 Handrod, Com. U U U U U U U U H Munt, Fia. 16 3 10 3 14 5 4 1 - 1 Handrod, Com. 44 37 18 6 2 1 7 New Bedrod, Mass. 30 25 3 2 7 S Standmah, Ga. 56 36 16 1 1 2 2 6 1 New Maxen, Com. 44 37 18 7 New Bedrod, Mass. 30 25 3 2 7 N S Standmah, Ga. 56 38 7 18 6 2 1 7 New Bedrod, Mass. 30 25 3 3 7 N S Standmah, Ga. 56 38 7 18 6 2 1 1 9 New Haven, Com. 49 33 7 1 2 - 1 - 1 New Bedrod, Mass. 55 38 11 5 7 New Bedrod, Mass. 55 38 11 5 7 N Standmah, Ga. 56 38 7 12 1 0 9 Novicable, Mass. 55 38 11 5 7 New Bedrod, Com. 19 14 3 1 7 New Bedrod, NA, 84 8 38 7 27 8 New Vachal, Mass. 44 15 8 Stand, NA, 96 69 17 3 3 4 11 ND.ALLANTC 2.404 1.663 518 15 38 32 145 Chatanoga, Ten. 77 55 13 4 1 2 2 6 11 Binningham, Aia, 179 119 39 12 2 6 11 Binningham, Aia, 179 119 39 13 2 2 1 6 1 Chatanoga, Ten. 77 55 13 4 1 2 3 5 Chatanoga, Ten. 77 55 13 4 1 2 4 1 Burded, NJ, 98 67 27 8 84 21 1 - 4 Motigamary, Aia, 86 73 88 6 8 2 3 5 Standmah, NJ, 98 67 27 8 84 21 1 - 4 Burden, NJ, 1290 887 278 8 4 2 1 4 Motigamary, Aia, 186 7 30 16 2 2 1 3 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 1 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 Barton, Nac, 182 2 1 4 - 2 4 B	,				-	-				-					-	
Fail Rever, Mass. 35 28 5 2 - - 3 Jacksonville, Fla. 14 64 91 33 18 3 1 1 5 Lowell, Mass. 33 13 7 4 - 1 5 Norda, Mass. 33 14 6 2 3 1 Lowell, Mass. 33 6 4 2 1 10 5 38 10 2 1 1 2 6 New Haond, Mass. 33 3 1 5 1 - 1 10 10 1 1 2 6 1 1 2 6 1 <td></td> <td></td> <td></td> <td></td> <td>4</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td>					4	-	-								1	
Lovel, Mass. 25 13 7 4 - 1 5 Norlok, Va. 53 35 11 2 2 3 3 1 7 4 - 7 Nov Bedray, Mass. 14 13 1 - 7 - 7 Savamah, Ga. 56 38 11 2 1 2 1 7 Savamah, Ga. 56 38 16 1 1 2 1 2 6 5 9 18 5 9 19 5 9 19 10 1 1 2 1 2 6 6 9 19 10 10 10 10 10 10 10 10 10 10 10 10 10						-	-									
Lynn, Mass. 14 13 1 - - 2 Richmond, Va. 64 37 18 6 2 1 7 New Headfor, Chan. 64 33 16 4 2 1 10 St.Pielenklurg, Fla. 48 33 7 13 4 - 1 7 5 Springfield, Mass. 63 52 7 3 - - - 1 Winningfun, DeL. 17 13 4 - <t< td=""><td>Hartford, Conn.</td><td>U</td><td>U</td><td>U</td><td>U</td><td>U</td><td>U</td><td>U</td><td>Miami, Fla.</td><td>163</td><td>101</td><td>39</td><td>14</td><td></td><td>4</td><td></td></t<>	Hartford, Conn.	U	U	U	U	U	U	U	Miami, Fla.	163	101	39	14		4	
New Barden, Mass. 30 25 3 2 7 New Haven, Con. 46 33 6 4 2 1 0 Providency, R.I. 60 37 113 6 Waterburg, R.I. 60 37 113 6 Waterburg, R.I. 60 37 113 6 Waterburg, Con. 19 14 3 1 - 1 MD.ATLANTIC 2404 1.63 518 151 38 32 145 MD.ATLANTIC 2404 1.63 518 151 38 32 14 5 MD.ATLANTIC 2404 1.63 518 151 38 31 1 4 MARINGN, M.Y. 128 92 72 8 6 2 1 8 1 Jaray (M.N.L. 25 92 22 8 1 2 1 2 Novinto M.J., M.Y. 128 92 72 8 6 2 1 9 2 2 8 Baton Rouge, M.N. 128 92 72 8 6 7 1 1 Daray (M.N.L. 24 8 97 12 8 3 1 2 Materban, N.L. 25 92 22 8 6 2 1 1 2 Corpus Chen, M.J. 26 8 3 15 6 64 2 2 2 6 1 1 Corpus Chen, M.J. 26 8 3 7 8 2 - 2 7 2 Platson, N.J. 28 7 8 2 - 1 1 2 Corpus Chen, M.J. 28 97 8 2 - 2 1 2 Platson, N.J. 28 97 8 2 - 1 2 2 Platson, N.J. 28 97 8 2 - 2 1 2 Platson, N.J. 28 97 8 2 - 2 1 4 2 Novinto M.J. 28 97 8 2 - 2 1 4 2 Novinto M.J. 28 97 8 2 - 2 1 4 2 Novinto M.J. 28 97 8 2 - 2 1 4 2 Novinto M.J. 28 97 8 2 - 1 2 - 1 4 Platson, N.J. 28 97 8 2 - 1 2 - 1 4 Platson, N.J. 28 97 8 4 2 - 1 4 2 Novinto M.J. 28 97 8 4 2 - 1 4 2 Novinto M.J. 28 97 8 4 2 - 1 4 2 Novinto M.J. 28 97 8 4 2 - 1 4 4 Novinto M.J. 28 97 8 4 2 - 1 4 4 Novinto M.J. 28 97 8 4 4 2 - 1 4 Novinto M.J. 28 97 8 4 4 2 - 1 4 Novinto M.J. 28					4											
New Haven, Conn. 46 33 6 4 2 1 10 St. Petersburg, Fila. 49 38 7 2 1 1 9 Somerving Mass. 53 33 - - - Tampe, Fila. 195 137 14 -					-		-									
Providence, R.I., 50 37 13							-		, i							
Somervice Somervice - - - - - 1 Washington, D.C. 100 51 36 4 3 6 2 Waterbury, Conn. 19 14 3 1 - 1 - E.S. CENTRAL. 760 511 171 56 21 20 00 Mutorsetter, Mass. 63 22 7 1 - 2 5 13 4 3 2 6 11 14 3 1 2 2 6 11 1 4 1 4 3 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 14 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	,				4	2										
Springfield, Mass. 65 38 11 5 1 - 6 Winningfon, Del. 17 13 4 - - 2 Waterbury, Corn. 19 14 3 1 - 1 11 Binninghar, Mass. 63 52 7 3 - 1 11				-	-	-	-									
Worderstr, Mass. 63 52 7 3 - 1 1 E.S. CENTRAL 70 51 38 21 20 60 Albary, N.Y. 42 82 7 1 - 2 2 6 1 1 2 33 1 4 1 2 3 1 4 1 2 3 1 4 1 2 3 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 - - Morigomery Ala. 50 3 1 4 1 - - Morigomery Ala. 50 3 1 6 3 15 5 3 1 4 1 1 4 1 3 1 4 1 3 1 1 4 1 3 1 1 1 4 1 3 1 1 1				11	5	1	-						-	-		
Wardenser, Malas. 0.3 0.2 7 3 - 1 I Birmingham, Ala. 1.7 11 9 110 30 12 2 6 1 Albary, N. Y. 42 32 7 1 - 2 2 Chatanoga, Tenn. 77 55 13 4 1 4 Albary, N. Y. 42 32 7 1 - 2 Chatanoga, Tenn. 75 13 4 1 4 Allentow, N. Y. 42 3 1 - 1 Mernghin, Ran. 177 10 35 13 6 3 1 - 1 Mernghin, Ran. 177 100 35 13 6 3 1 - - Nashillo, Tenn. 157 100 35 13 6 3 1 - - Nashillo, Tenn. 157 100 35 13 6 3 1 - - Nasthillo, Tenn.		19				-		-		790	511	171	56	21	20	60
MID.ATLANTIC 2.404 1.683 518 151 38 32 1 4 1 2 2 Allandary, N. 42 32 7 1 - 2 2 Chartanopa, Term. 77 55 13 4 3 2 4 Allendown, Pa. 29 22 5 1 1 - 1 Lexington, Ny. 13 14 14 13 2 8 3 1 9 Canden, N.J. 33 16 14 2 1 - 4 Mobile, Ala: Ala: Ala: Ala: Ala: Ala: Ala: Ala:	Worcester, Mass.	63	52	7	3	-	1	11								
Albarty, N.Y. 42 32 7 1 - 2 2 Knowlike, Fern. 85 60 14 8 1 2 4 Burlio, N.Y. 96 69 17 3 4 1 Lexington, Ky. 51 32 13 1 4 4 Burlio, N.Y. 96 69 17 3 4 1 Memble, Re. 67 33 16 1 4 4 Camder, N.J. 33 16 14 2 1 - 4 Mobile, Als. 67 33 16 8 2 2 5 Joresy OK, N.J. 54 38 12 3 1 - 4 Mobile, Als. 60 35 150 83 40 10 New York, N.J. 52 7 3 6 2 2 2 2 2 2 2 3 40 10 10 10 10 10 10 10 10 10 10 10 10 10 10	MID. ATLANTIC	2.404	1.663	518	151	38	32	145								
Burfalo, N.Y. 96 6 69 17 3 3 3 4 11 Carnden, N.J. 33 16 14 2 1 - 2 Einzaberl, N.J. 20 13 4 2 1 - 7 Einzaberl, N.J. 120 0 13 4 2 1 - 7 Einzaberl, N.J. 120 0 13 4 2 1 - 7 Einzaberl, N.J. 120 0 13 4 2 2 - 2 2 1 Baton Rouge, La. 48 29 16 2 - 1 1 Baton Rouge, La. 48 29 16 2 - 1 1 Baton Rouge, La. 48 29 16 2 - 1 1 Baton Rouge, La. 48 29 16 2 - 1 1 Baton Rouge, La. 48 29 16 2 - 1 1 Baton Rouge, La. 48 29 16 2 - 1 1 Baton Rouge, La. 48 29 18 6 3 25 6 7 2 1 Baton Rouge, La. 48 29 18 6 3 25 6 7 2 1 Baton Rouge, La. 48 79 18 2 14 3 1 4 - 2 1 Baton Rouge, La. 48 79 18 2 14 3 1 4 - 2 1 Baton Rouge, La. 48 79 18 2 14 3 1 4 - 2 4 Pittsburgh, P.a. 19 17 2 - 1 1 2 10 Pittsburgh, P.a. 19 17 2 - 1 2 10 Pittsburgh, P.a. 19 17 2 2 6 2 - 1 1 3 Scranton, P.a. 29 26 2 - 1 1 - 2 Scranton, P.a. 29 22 6 2 - 1 1 - 2 Scranton, P.a. 29 22 6 2 - 1 2 - 2 Scranton, P.a. 29 22 7 6 2 - 1 3 14 Difference, P.a. 100 U U U U U U U U U U U U U U U U U U		,	,										8			
Cander, N.J. 33 16 14 2 1 - 2 Mobigeney, Ala, 50 34 12 2 - 2 7 Erie, Pa, 50 41 5 3 1 - 4 Nashville, Tenn, 157 100 35 13 6 3 15 Jersey City, NJ, 54 84 21 8 6 2 2 6 2 2 2 3 5 6 1 3 1 - 4 Nashville, Tenn, 166 6 2 1 3 3 1 4 2 16 6 1 2 10 2 13 3 3 1 4 2 16 6 1 1 4 2 17 1 1 10 1 </td <td>Allentown, Pa.</td> <td>29</td> <td>22</td> <td>5</td> <td>1</td> <td></td> <td></td> <td>1</td> <td>Lexington, Ky.</td> <td>51</td> <td>32</td> <td>13</td> <td>1</td> <td></td> <td>1</td> <td>4</td>	Allentown, Pa.	29	22	5	1			1	Lexington, Ky.	51	32	13	1		1	4
Elizabeh, N.J. 20 13 4 2 1 Montgomery, Ala. 50 34 12 2 2 - 2 7 Frie, P.R. 50 41 5 3 1 - 4 Jersey City, N.J. 1290 887 278 84 21 3 1 Nas/Wile, Term. 157 100 35 13 68 10 83 40 120 Austin, Tex. 50 36 84 22 2 6 Philadelphia, P.R. 250 156 64 22 2 6 12 Dallas, Tex. 50 38 63 25 6 7 2 1 Fristorgh, P.R. 40 26 8 2 2 2 6 12 Dallas, Tex. 50 38 68 1 3 2 4 7 2 1 Reading, P.R. 41 10 26 8 2 2 2 6 12 Dallas, Tex. 50 38 68 1 3 2 4 7 2 1 Reading, P.R. 41 10 17 2 1 Fristorgh, P.R. 41 10 10 10 10 10 10 10 10 10 10 10 10 10																
Erie, Pa. 50 41 5 3 1 - 4 NashWille, Tern. 157 100 35 13 6 3 15 NewYork, NJ. 54 38 12 3 1 - - 4 WS, CENTRAL 1662 1.035 35 150 84 21 8 668 Austin, Ter. 69 61 25 9 8 5 - 1																
Jersey City, N.J., 54, 38, 12, 3, 1, -, - ww 'ork City, N.J., 23, 98, 27, 23, 6, -, 2, 2 Philadelphia, Pa. 250, 156, 64, 22, 2, 6, 12 Philadelphia, Pa. 250, 156, 64, 22, 2, 2, 2, 2 Philadelphia, Pa. 250, 156, 64, 22, 2, 2, 2, 2 Philadelphia, Pa. 250, 156, 64, 22, 2, 2, 2, 2, 2 Philadelphia, Pa. 250, 156, 64, 22, 2, 2, 2, 2, 2, 2, 2, 2, 2, 12, 2, 2, 12, 1						-	-									
New York, Chry, N.Y. 1.290 897 278 84 21 8 68 W.S. CEN IPAL 1.062 1.035 354 150 83 40 120 Paterson, N.J. 23 9 8 5 - 1 Bator Rouge, La. 48 2 18 2 2 3 3 Phitsburgh, Pa. 40 26 8 2 2 2 2 Dallas, Tex. 250 68 3 25 6 7 2 4 Reading, Pa. 19 17 2 - - 1 F.Workh, Tex. 151 108 27 14 - 2 1 Reading, Pa. 19 17 2 10 - - 1 1 4 1108 168 68 17 4 3 13 Schenectady, N.Y. 129 2 2 6 2 1 104 5 NewOrteans. La. 0							-		,							
Newark, N.J. 58 27 23 6 . 2 2 Allam, Hold, Byle Mash Hold, Byle Mash Hold, Byle Batter Nouge, La. 48 29 9 2 2 3 Philadelphia, Pa. 250 156 64 22 2 6 12 Corpus Christi, Fax. 50 68 8 1 3 2 4 Reading, Pa. 19 17 2 - - 1 Episotic, Fax. 150 166 6 2 2 2 2 1 16 1 7 2 10 Fax. 50 66 83 61 60 20 35 Schenetady, N.Y. 24 16 6 1 - 4 Houston, Fax. 500 54 16 10 0 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 <td></td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td>											,					
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Privalegipma, Pa. 200 156 64 22 2 6 12 Dallas, Tex. 239 138 63 25 6 7 21 Privalogipma, Pa. 19 17 2 - - 1 1 180 7 82 8 3 1 4 Rochrester, N.Y. 134 103 21 7 1 2 10 Houson, Tex. 151 108 27 14 - 2 14 Schenectady, N.Y. 24 16 6 1 - 4 Little Rock, Ark. 94 70 18 5 1 - 2 New Orleans, La. U	Paterson, N.J.	23	9	8	5		1	1								
Phrasuma, Pa. ³ 40 26 8 2 1 1 2 1 <th1< th=""> 1 1</th1<>																
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Scranton, Pa. 29 26 2 1 - 2 Little Hock, ARC. 94 70 18 5 1 - 2 Syratuse, N.Y. 12 97 8 2 - 5 4 Star Atron, Tex. 202 142 36 17 4 3 13 1 4 3 13 1 4 3 13 1 1 4 3 13 1 1 4 3 13 16 107 39 8 4 2 17 7 1 - - 1 Streveport, La. U <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>500</td><td>266</td><td>93</td><td>61</td><td>60</td><td>20</td><td>35</td></td<>										500	266	93	61	60	20	35
Syracuse, N.Y. 122 92 22 6 2 - 18 New Orleans, La. 0																
$ \begin{array}{c} T_{contron} N.J. \\ T_{co$,				6				· · ·							
Utica, N.Y. 19 14 5 - - - Istreegen, La. 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																
Yonkers, N.Y. 20 12 / 1 - - 1 EN CENTRAL 2,044 1,387 427 11 45 38 164 77 21 8 2 - 13 Akron, Ohio 54 44 7 2 1 - 9 Boise, Idahob 35 22 9 2 1 <td< td=""><td></td><td>19</td><td>14</td><td>5</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<>		19	14	5	-	-	-	-		-	-					
E.N. CENT IFAL 2.044 1,387 427 114 45 38 164 Albuquerque, N.M. 108 77 21 8 2 - 13 Akron, Ohio 39 29 10 - - - 6 Boise, Idaho 35 22 9 2 1 <td< td=""><td>Yonkers, N.Y.</td><td>20</td><td>12</td><td>7</td><td>1</td><td>-</td><td>-</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Yonkers, N.Y.	20	12	7	1	-	-	1								
Akron, Onio 54 44 7 2 1 - 9 Boie, Idaho 35 22 9 2 1 1 1 Canton, Ohio 39 29 10 - - 6 Colo. Springs, Colo. 78 53 13 10 1 1 11 11 Cincinnati, Ohio 137 91 29 9 5 3 5 Las Vegas, Nev. 234 162 47 20 2 2 1 23 6 1 - - - 4 1 <td>E.N. CENTRAL</td> <td>2,044</td> <td>1,387</td> <td>427</td> <td>114</td> <td>45</td> <td>38</td> <td>164</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	E.N. CENTRAL	2,044	1,387	427	114	45	38	164								
Canton, Onio 39 29 10 - - - 6 Colo, Springs, Colo. 78 53 13 10 1					2	1	-									
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Cleveland, Ohio 137 91 29 9 5 3 5 Las vegas, Nev. 234 162 47 20 2 2 17 Columbus, Ohio 133 98 24 8 2 1 11 Phoenix, Ariz. U <td></td> <td>6</td> <td></td>															6	
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Dayton, Ohio 133 98 24 8 2 1 11 Phoenix, Ariz. U <															-	
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U: Unavailable. -: No reported cases.

Or 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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