MMWR
MORBIDITY AND MORTALITY WEEKLY REPORT

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## Injuries Among Railroad Trespassers - Georgia, 1990-1996

Railroad trespassers are persons on railroad property whose presence is prohibited or unlawful. Most trespassers are walking along or across railroad tracks (1). In 1997, fatalities to railroad trespassers became the leading cause of railroad-related deaths in the United States (2) (Figure 1). In 1998, 513 persons were injured and 536 persons were killed while trespassing (Federal Railroad Administration, unpublished data, 1999). This report presents three incidents in which trespassers were injured or killed and summarizes a study of fatal and nonfatal injuries to railroad trespassers in Georgia from 1990 through 1996.

FIGURE 1. Deaths at highway rail crossings and among railroad trespassers, by year - United States, 1975-1998


Source: Federal Railroad Administration.

## Injuries Among Railroad Trespassers - Continued

## Case Reports

Case 1. In April 1991, a 20 -year-old man and 19 -year-old woman were killed at approximately 11:40 p.m. when caught between two freight trains traveling in opposite directions. He and his companion were watching a northbound train when they were sideswiped by a southbound train on adjacent tracks. The man reportedly had previously walked along the tracks at night. Both deceased persons tested positive for alcohol, marijuana, and codeine.

Case 2. In July 1995, a 42-year-old man suffered superficial abrasions when he was struck at approximately 1 p.m. while attempting to cross in front of a freight train traveling at 10 mph . The man had been found trespassing and intoxicated 3 days before the incident and given a warning. Toxicology results were not available for the day of the injury, but police reported he smelled of alcohol and had slurred speech.

Case 3. In January 1996 at approximately 8 a.m., a 38 -year-old man died when struck by a passenger train traveling at 64 mph . As he crossed the tracks on his way to work, he apparently did not see the train approaching behind him and did not respond to the train's horn until just before he was hit. Toxicology results were negative.

## Study Results

In accordance with the reporting practices of the Federal Railroad Administration (3), an injury to a railroad trespasser was defined as the unintentional injury of any person whose presence on railroad property was prohibited by law in Georgia during 1990-1996. Data on trespasser injuries were provided by the 17 railroad companies operating in the state. Additional information was obtained from the state medical examiner, county medical examiners and coroners, the Georgia Center for Health Information, the Georgia Bureau of Investigation, the Federal Railroad Administration, and newspaper reports. Railroad data included only incidents involving trains; data from the Metropolitan Atlanta Rapid Transit Authority, the only subway system in the state, were excluded. If multiple specimens from a fatally injured person were tested for alcohol concentration, the lowest value obtained from blood was used for data analysis. If a blood sample was not obtained, the alcohol concentration of another body fluid (e.g., vitreous humor) was used. A positive test was defined as an alcohol concentration greater than zero; intoxication was defined as $\geq 100 \mathrm{mg} / \mathrm{dL}$ of alcohol. Denominators vary for some categories because of missing data.

During 1990-1996, 276 incidents involving 288 trespassers were reported by five railroads in Georgia. Trespasser injuries were reported by Norfolk Southern (58\%), CSX (41\%), Amtrak (1\%), Georgia Northeastern (<1\%), and Georgia Southwestern ( $<1 \%$ ). Thirty-seven to 48 trespassers were injured each year (Figure 2). Of the 288 injured trespassers, 132 ( $46 \%$ ) died from their injuries (mean: 19 deaths per year). The median age of injured trespassers was 31 years (range: 1-92 years); $11 \%$ were children (aged $<18$ years) and $5 \%$ were elderly (aged $\geq 65$ years). Most ( $71 \%$ ) trespassers were aged 20-49 years; $88 \%$ were male. Fifty-six percent of trespassers were injured during March-August; 51\% were injured on Friday, Saturday, or Sunday. Fifty-nine percent of trespassers were injured during 6 p.m. -6 a.m. Most of the trespassers were injured in the city ( $60 \%$ ) or county ( $73 \%$ ) where they resided.

Incidents occurred in 65 counties in the state; $40 \%$ of injuries occurred in five counties (Fulton County, 50 trespasser injuries; Cobb County, 27; Muscogee County, 15; DeKalb County, 13; and Richmond County, nine). These five counties are part of three

Injuries Among Railroad Trespassers - Continued
FIGURE 2. Number of injuries to railroad trespassers, by year - Georgia, 1990-1996

of the five largest metropolitan areas in the state and accounted for $32 \%$ of the 1990 population of the 144 Georgia counties with railroad lines.

Toxicology results were available for 78 (59\%) of the 132 fatalities. Of these, 43 ( $55 \%$ ) were positive for alcohol, including 40 ( $51 \%$ ) who had alcohol levels $>100 \mathrm{mg} / \mathrm{dL}$. The median alcohol level among those who tested positive was $220 \mathrm{mg} / \mathrm{dL}$ (range: five-460 mg/dL). Fourteen persons, seven of whom had also consumed alcohol, tested positive for at least one other substance (marijuana, seven; cocaine, five; codeine, two; amphetamines, one; and LSD, one).
Reported by: J Glasgow, Georgia Operation Lifesaver, Atlanta, Georgia. J Farrell, Georgia Dept of Human Resources. WS Roberts, G Herrin, Georgia Bur of Investigation. R FinkeIstein, B George, Federal Railroad Administration. Div of Unintentional Injuries Prevention, National Center for Injury Prevention and Control; State Br, Div of Applied Public Health Training, Epidemiology Program Office, CDC.
Editorial Note: The findings of this report support those of previous studies that found most injuries to railroad trespassers involved men aged 20-49 years, many of whom were intoxicated ( $1,4-10$ ). Few trespassers were attempting to use trains for transportation; most trespassers were either walking or socializing near the tracks at the time of injury. In many incidents, trespassers apparently did not hear the train horn or misjudged the speed or location of the train; this last problem appears to be more common when a train is approaching on one of multiple parallel sets of tracks (1,7). The apparent clustering of injuries in certain counties was largely explained by population size and degree of urbanization. The large percentage of injuries involving CSX and Norfolk Southern trains is a reflection of the size of their operations in the state; they are the largest railroads operating in Georgia. Except for Amtrak, the other railroad companies in the state are short-line railroads that account for relatively few train-miles.

## Injuries Among Railroad Trespassers - Continued

Although the number of deaths from motor-vehicle collisions with trains at highway rail crossings has decreased, deaths among trespassers have increased. The decline in deaths at highway rail crossings probably resulted from multiple factors such as education efforts (e.g., Operation Lifesaver, a nationwide public education program designed to eliminate collisions, injuries, and deaths at highway rail intersections and on railroad rights-of-way) and engineering changes (e.g., installation of active warning systems and closure of redundant crossings). Efforts to prevent trespasser deaths have received less attention, and the target audience (adult males who abuse alcohol) may be difficult to reach.

The findings in this report are subject to at least three limitations. First, death investigation practices vary among the 159 counties in Georgia, and information maintained by the railroads on nonfatal injuries is limited. Second, toxicology results were not available for many persons who died and for all persons with nonfatal injuries. It is unknown whether the toxicology results of those fatalities that were tested are generalizable to all fatalities or to nonfatal injuries. Finally, some trespasser injuries reported by railroads were misclassified as to intent. For example, although injuries reported by railroads are considered unintentional by definition, the county medical examiner or coroner classified nine of the trespasser deaths as suicides and one as a homicide.

To monitor injuries to railroad trespassers accurately, better data are needed (1,10). In 1997, the Federal Railroad Administration introduced a redesigned data collection form for trespasser injuries. The form (FRA F6180.55a) should be evaluated to determine whether the new data elements provide the information necessary to characterize injuries to trespassers adequately. Further research is needed in other geographic regions of the United States; patterns described in the southeast (1,4-6) may not reflect the situation in other parts of the country, such as border states where trespassing may be related to illegal immigration. Additional research also is needed to determine the impact of altering certain aspects of railroad design and operation (e.g., fencing and speed limits). Efforts to educate the public about the dangers of trespassing, improve enforcement of existing laws, and prevent alcohol abuse should continue (1).

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Injuries Among Railroad Trespassers - Continued
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## Measles Control - South-East Asia Region, 1990-1997

In 1989, the World Health Assembly resolved to reduce measles morbidity and mortality by $90 \%$ and $95 \%$, respectively, by 1995 , compared with the number of cases during the prevaccine era. In 1990, the World Summit for Children adopted a goal to vaccinate $90 \%$ of children against measles by 2000. Although these goals have not been met, progress has been achieved toward global measles control, including in the South-East Asia Region (SEAR) member countries* of the World Health Organization (WHO). By the end of 1997, estimated worldwide measles morbidity and death were reduced by $74 \%$ and $85 \%$, respectively, and by $70 \%$ and $88 \%$, respectively, in SEAR (1). In February 1999, representatives of the United Nations Children's Fund (UNICEF), WHO, and CDC met and recommended a regional plan of action for measles control. This report summarizes the progress in measles control in SEAR during 1990-1997 and summarizes the plans for future activities in the region.

## Routine Vaccination

Except for Thailand and the Democratic People's Republic of Korea (DPR Korea), the routine vaccination schedule in SEAR countries includes a single dose of measles vaccine administered at age 9 months. In Thailand, an additional dose is recommended at school entry; in DPR Korea, the first measles vaccine dose is given at age 12 months, a second dose at age 7 years, and a third at age 17 years. In SEAR, reported vaccination coverage among children aged $\leq 1$ year with a single dose of measles vaccine increased from <10\% in 1985 to $>80 \%$ in 1990 (Figure 1). Since 1990, routine measles vaccination coverage ${ }^{\dagger}$ remained stable at approximately $85 \%$. In 1997, nine of the 10 member countries reported routine measles vaccination coverage of $>80 \%$ (Table 1).

## Supplemental Vaccination

Nationwide supplemental measles vaccination campaigns were conducted in Bhutan (1995) among children aged <15 years, and in Maldives (1995-1997) among children aged 5-14 years. Subnational supplemental mass vaccination campaigns have been conducted in the region targeting high-risk ${ }^{\S}$ areas, including Bangladesh flood areas (1998), DPR Korea border areas (1995), urban centers in India (1995-1999) and in Myanmar (1995 and 1997), and in three high-risk districts in Nepal (1995). Limited information is available about the impact of these campaigns.

## Measles Incidence

During 1990-1997 in SEAR, the number of reported measles cases and reported measles incidence decreased by $48 \%$ and $53 \%$, respectively (Table 1). Indonesia, Myanmar, and Sri Lanka reported a substantial decrease in measles incidence rates,

[^0]
## Measles Control - Continued

FIGURE 1. Reported measles vaccination coverage and cases - South-East Asia Region*, 1980-1997

*Bangladesh, Bhutan, Democratic People's Republic of Korea, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, and Thailand.
Reported to the World Health Organization (WHO) Regional Office for South-East Asia by ministries of health of member countries.
and Bangladesh and Nepal reported large increases. In Bangladesh, the $445 \%$ increase in measles incidence in 1997 compared with 1990 primarily resulted from an expanded national reporting system; the $5070 \%$ increase in measles incidence in Nepal in 1997 compared with 1990 reflected multiple outbreaks in addition to improved case identification and reporting. DPR Korea and Maldives reported no measles cases in 1990 and 1997.

Data on age distribution of persons with measles were available from routine reports from Indonesia, Sri Lanka, and Thailand, and from outbreak investigations in Bhutan, Maldives, and Myanmar (Table 2). In Myanmar, 70\% of the cases reported from 11 townships during 1998-1999 occurred among children aged <5 years. In countries with higher vaccination coverage (Bhutan, Indonesia, Maldives, Sri Lanka, and Thailand), $>50 \%$ of cases occurred among children aged $\geq 5$ years.

## Plan of Action

The main objective of measles control activities in SEAR through 2003 is to reduce measles morbidity and death by $90 \%$ and $95 \%$, respectively, compared with the prevaccine era. No goal for regional elimination of measles has been established. Member countries are divided into two groups based on their measles control level and poliomyelitis eradication status.

## Measles Control - Continued

TABLE 1. Reported measles morbidity and reported routine measles vaccination coverage among children aged $\leq 1$ year, by country - South-East Asia Region, 1990-1997

| Country | Morbidity |  |  |  |  | Reported vaccination coverage (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. reported cases |  | Incidence* |  |  |  |  |  |
|  | 1990 | 1997 | 1990 | 1997 | Percentage change | 1990 | 1997 | Percentage change |
| Bangladesh | 1,705 | 10,329 | 1.6 | 8.5 | 431\% | 82 | 97 | 15\% |
| Bhutan | 173 | 169 | 10.5 | 9.1 | -13\% | 79 | 84 | 5\% |
| Democratic People's Republic of Korea | 0 | 0 | 0.0 | 0.0 | 0 | 98 | $100^{\dagger}$ | 2\% |
| India | 82,716 | 61,004 | 9.7 | 6.4 | -34\% | 91 | 81 | -10\% |
| Indonesia | 92,105 | 15,313 | 50.4 | 7.5 | -85\% | 86 | 92 | 6\% |
| Maldives | 0 | 0 | 0.0 | 0.0 | 0 | 96 | 96 | 0 |
| Myanmar | 7,900 | 1,035 | 19.1 | 2.2 | -88\% | 68 | 88 | 20\% |
| Nepal | 182 | 11,669 | 1.0 | 51.7 | 5,070\% | 68 | 88 | 20\% |
| Sri Lanka | 4,004 | 195 | 23.5 | 1.1 | -95\% | 80 | 94 | 14\% |
| Thailand | 29,244 | 14,617 | 52.6 | 24.7 | -53\% | 70 | $92^{\text {§ }}$ | 22\% |
| Total | 218,029 | 114,331 | 16.5 | 7.7 | -53\% | 88 | 85 | -3\% |

* Per 100,000 population, based on population data from United Nation's World Population Report, 1996 revision.
${ }^{\dagger} 1996$ data; 1997 data were not available.
${ }^{\S}$ Based on 1996 survey data (2 ); data for 1997 not available.

TABLE 2. Measles cases in South East Asia Region reported by national ministries of health to the World Health Organization (WHO) - South-East Asia Region, 1995-1998

| Data source | Country | Year | No. cases | Age (yrs) distribution of case-patients (\%) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | <1 |  | 1-4 |  | 5-9 |  | 10-14 |  | $\geq 15$ |  |
|  |  |  |  | No. | (\%) | No. | (\%) | No. | (\%) | No. | (\%) | No. | (\%) |
| Routine reports | Indonesia | 1997 | 16,082 | 2,436 | (15) | 5,289 | (33) | 5,668 | (35)* |  |  | 2,689 | (17) |
|  | Sri Lanka | 1997 | 64 | 7 | (11) | 14 | (22) | 43 | $(67)^{\dagger}$ |  |  |  |  |
|  | Thailand | 1997 | 15,122 | 5,212 | $(34)^{5}$ |  |  | 4,877 | (32) | 3,422 | (23) | 1,611 | (11) |
| Outbreaks | Bhutan | 1998 | 60 | 2 | ( 3) | 13 | (22) | 31 | (52) | 11 | (18) | 3 | ( 5) |
|  | Maldives | 1995 | 3,070 | 0 |  | 215 | ( 7) | 215 | ( 7) | 1,781 | (58) | 859 | (28) |
|  | Myanmar | 1998 | 319 | 15 | ( 5) | 208 | (65) | 56 | (17) | 18 | ( 6) | 22 | ( 7) |

* Aged 5-14 years.
${ }^{\dagger}$ Aged $\geq 5$ years.
${ }^{\S}$ Aged $<5$ years.
Group 1 countries (Bangladesh, DPR Korea, India, Myanmar, and Nepal) have limited measles control, and polio is endemic or recently was endemic. These countries should focus on reducing measles mortality by increasing routine vaccination coverage to $>90 \%$, improving case management, and conducting supplemental vaccination as an extraordinary activity in areas that have been unreachable by routine vaccination services. Planning and implementing supplemental measles vaccination should not divert resources from polio eradication activities. Health-care providers should be trained in management of measles cases and its complications. In addition, vitamin A supplementation, an important component of measles treatment and prevention, should be given at every measles vaccination contact. Measles surveillance should be


## Measles Control - Continued

improved by complete and timely data reporting, including number of cases, age distribution, vaccination status, and location.

Countries in Group 2 (Bhutan, Indonesia, Maldives, Sri Lanka, and Thailand) are in more advanced stages of measles control and have been free from polio for $>2$ years. In these countries, measles outbreak prevention through enhanced surveillance, sustained high routine coverage ( $>90 \%$ ), and targeted supplemental vaccination should be emphasized. Epidemiologic investigation of all measles cases should be a priority, with laboratory confirmation whenever possible. The capacity for laboratory diagnosis is available in Indonesia, Sri Lanka, and Thailand. Measles surveillance should be linked with acute flaccid paralysis (AFP) surveillance by using the same field staff and reporting systems when AFP surveillance has reached accepted standards ${ }^{\text {I }}$ and no polio cases are being reported. This type of surveillance has been initiated in Indonesia, Myanmar, and Sri Lanka. Vaccination coverage data should be analyzed continually to detect an impending outbreak when nationwide supplemental vaccination campaigns may be required to reduce the pool of susceptible children.
Reported by: Regional Office for South-East Asia, New Delhi, India; Dept of Vaccines and Other Biologicals, World Health Organization, Geneva, Switzerland. United Nations Children's Fund Regional Office for South Asia, Kathmandu, Nepal. Vaccine Preventable Disease Eradication Div, National Immunization Program; and an EIS Officer, CDC.
Editorial Note: Despite routine coverage of $>80 \%$ since 1990 in SEAR, measles is a major cause of morbidity and death among children aged $<5$ years (1). Basing calculations on the reported vaccination coverage and a vaccine efficacy of $85 \%$, approximately 9 million ( $25 \%$ ) children in SEAR are not protected through vaccination against measles at their first birthday.

Reported routine vaccination coverage rates in SEAR vary widely from year to year and, when compared with coverage survey results, usually overestimate the true coverage rate. For example, in Bangladesh in 1997, a nationwide survey conducted by the Ministry of Health among children aged 12-23 months documented measles coverage at $70 \%$ (3) whereas the coverage reported to WHO was $97 \%$ for the same year. In Indonesia in 1997, a nationwide survey conducted by the Ministry of Health estimated measles vaccination coverage among children aged 12-23 months at 71\% compared with the reported coverage of $92 \%$ (4). In Nepal in 1998, a nationwide survey conducted by the Ministry of Health estimated measles vaccination coverage among children aged 12-23 months at $73 \%$ compared with reported coverage in 1997 of $88 \%$ (5). In DPR Korea in 1998, a nationwide survey conducted by UNICEF among children aged 12-23 months found measles vaccination coverage to be 34\% compared with reported coverage of 100\% in 1996 (6).

Achieving $>90 \%$ coverage through routine vaccination is a cornerstone of measles control in SEAR. Strategies for improving routine coverage include identifying populations without access to routine services, raising community awareness of the need for vaccination, reducing missed opportunities to vaccinate children whenever contact occurs within the health-care system, linking curative and preventive services, and providing outreach services. Assessing and mapping vaccination coverage at the district and subdistrict levels are needed to monitor program performance and to identify areas requiring additional resources. Measles surveillance needs to be strengthened because it is critical for documenting the changing epidemiology of measles and for evaluating the impact of vaccination activities in the region.

[^1]
## Measles Control - Continued

Polio remains endemic in at least four of the 10 SEAR countries (7), and achieving polio eradication by the end of 2000 remains the top vaccine-preventable disease priority (8). Careful phasing in of measles control is needed on both regional and national levels. Linking measles surveillance with AFP surveillance is a key strategy for accelerating measles control in countries with effective polio eradication programs. SEAR is in the early stages of coordinated efforts to control measles, and a sustained commitment with long-term national action plans is required to further reduce measles in the region.

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## Outbreak of Influenza A Infection Among Travelers Alaska and the Yukon Territory, May-June 1999

On June 18, 1999, CDC and Health Canada received reports from public health authorities in Alaska and the Yukon Territory about clusters of febrile respiratory illness and associated pneumonia among travelers and tourism workers. This report presents information about the outbreak. Laboratory evidence, including rapid influenza A antigen-detection tests and viral cultures from respiratory specimens, has implicated influenza $A$ virus as the cause of illness.

As of June 29, CDC has received reports of 428 cases of acute respiratory infection (ARI) among tourists who traveled to Alaska and the Yukon Territory from May 22 through June 28 on seven separate week-long cruises. For 187 ( $48 \%$ ) of the 386 ill persons whose dates of illness onset were known, illness occurred before or within 48 hours after boarding a cruise ship, suggesting that transmission occurred during a preceding land-based tour. The ARI incidence for the 386 cases was $3.8 \%$ among 10,110 passengers for a 7-day travel itinerary; the ARI attack rate was 5.5 per 1000 passenger-days. One hundred thirty-two (34\%) cases met criteria for influenza-like illness (ILI) (i.e., fever or feverishness with cough or sore throat); four persons were

## Influenza A Infection - Continued

hospitalized for pneumonia. No deaths have been reported. Among tourism workers, 104 cases of ARI have been reported.
Reported by: Div of Public Health, Section of Epidemiology, and Section of Laboratories, Alaska Dept of Health and Social Svcs. Travel Medicine, Laboratory Center for Disease Control, Health Canada. Arctic Investigations Program, Influenza Br, Div of Viral and Rickettsial Diseases, and Surveillance and Epidemiology Br, Div of Quarantine, National Center for Infectious Diseases, CDC.
Editorial Note: Summer outbreaks of influenza A have been reported previously among tourists in the United States and Canada (1-3). In 1998, approximately 40,000 tourists and tourism workers were affected by an influenza outbreak in Alaska and the Yukon Territory (4). As with the 1998 summer outbreak of influenza A in this region, the findings in this report suggest that influenza appears to be initially transmitted during land-based travel among tourists on combination land and sea tours and among tourism workers.

In anticipation of possible persistent influenza activity, some cruise lines initiated policies to vaccinate crew members during the fall of 1998 to decrease the risk for influenza transmission by crew members to travelers. In addition, health departments in Alaska, the Yukon Territory, and British Columbia and collaborating cruise lines have implemented summertime respiratory illness surveillance.

In response to this outbreak, CDC and Health Canada developed recommendations for travelers to the region and for regional tourism workers. These recommendations are based on the following assumptions and considerations: 1) persons who travel with large organized groups are at risk for exposure to influenza, 2) new cases of influenza A infection probably will continue to occur among tourists to the region,3) persons aged $\geq 65$ years and persons with underlying health conditions are at increased risk for influenza-related complications, 4) tourism workers have frequent contact with persons at risk for influenza-related complications, 5) influenza vaccine availability during the summer is limited, and 6) when the supply of influenza vaccine is inadequate, influenza A-specific antiviral medications (i.e., amantadine or rimantadine) have a primary role in influenza A prevention and treatment.

On the basis of these considerations, CDC and Health Canada recommend that persons aged $\geq 65$ years or who have certain underlying chronic medical conditions (e.g., pulmonary or cardiac disease) should consult their health-care providers before traveling to Alaska and the Yukon Territory this summer, regardless of their vaccination status, about their risk for influenza, the symptoms of influenza, and the advisability of carrying antiviral medications for either prophylaxis or treatment for influenza A infections. These groups are at increased risk for serious complications from influenza, including pneumonia, hospitalization, and death (5). Both amantadine and rimantadine can reduce the duration of influenza A illness and viral shedding if administered within 48 hours of symptom onset; however, these drugs also may cause side effects (particularly central nervous system or gastrointestinal effects) and may require dosage adjustment in elderly patients and those with underlying renal or hepatic disease. Health-care providers in Alaska, the Yukon Territory, and British Columbia and on cruise ships in regional waters who may be providing care for persons with ILI should consider prescribing antiviral agents for patients with febrile respiratory illness. Rapid antigen-detection tests for influenza, if available, will be useful for early diagnosis. CDC, in collaboration with state and provincial health authorities and the tourism

FIGURE I. Selected notifiable disease reports, comparison of provisional 4-week totals ending June 26, 1999, with historical data - United States

*Ratio of current 4-week total to mean of 154 -week totals (from previous, comparable, and subsequent 4 -week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

# TABLE I. Summary - provisional cases of selected notifiable diseases, United States, cumulative, week ending June 26, 1999 (25th Week) 

|  | Cum. 1999 |  | Cum. 1999 |
| :---: | :---: | :---: | :---: |
| Anthrax | - | HIV infection, pediatric*§ | 73 |
| Brucellosis* | 16 | Plague | 1 |
| Cholera | 2 | Poliomyelitis, paralytic | - |
| Congenital rubella syndrome | 3 | Psittacosis* | 14 |
| Cyclosporiasis* | 11 | Rabies, human | - |
| Diphtheria | - | Rocky Mountain spotted fever (RMSF) | 124 |
| Encephalitis: California* | 2 | Streptococcal disease, invasive Group A | 1,109 |
| eastern equine* | 2 | Streptococcal toxic-shock syndrome* | 22 |
| St. Louis* | - | Syphilis, congenital ${ }^{\text {I }}$ | 75 |
| western equine* | 1 | Tetanus | 9 |
| Ehrlichiosis human granulocytic (HGE)* | 40 | Toxic-shock syndrome | 60 |
| human monocytic (HME)* | 5 | Trichinosis | 5 |
| Hansen Disease* ${ }^{*}$ | 40 | Typhoid fever | 133 |
|  | 7 | Yellow fever | - |
| Hemolytic uremic syndrome, post-diarrheal* | 21 |  |  |

[^2]TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending June 26, 1999, and June 27, 1998 (25th Week)

| Reporting Area | AIDS |  | Chlamydia |  | Cryptosporidiosis |  | $\begin{gathered} \text { Escherichia } \\ \text { coli } 0157: \mathrm{H}^{*} \end{gathered}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | NETSS | PHLIS |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1999^{\dagger} \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \\ & \hline \end{aligned}$ |  |  | $\begin{gathered} \hline \text { Cum. } \\ 1999 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1999 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1999 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ |
| UNITED STATES | 18,649 | 23,112 | 267,541 | 277,696 |  |  | 641 | 924 | 674 | 729 | 361 | 619 |
| NEW ENGLAND | 953 | 809 | 9,186 | 9,828 | 32 | 69 | 95 | 106 | 76 | 96 |
| Maine | 22 | 18 | 193 | 451 | 10 | 18 | 6 | 8 | - | - |
| N.H. | 24 | 15 | 451 | 467 | 5 | 3 | 12 | 18 | 8 | 18 |
| Vt. | 6 | 10 | 235 | 187 | 6 | 9 | 9 | 4 | 2 | 4 |
| Mass. | 627 | 372 | 4,354 | 4,036 | 11 | 35 | 41 | 57 | 39 | 54 |
| R.I. | 60 | 69 | 1,128 | 1,199 | - | 4 | 6 | 3 | 6 | 1 |
| Conn. | 214 | 325 | 2,825 | 3,488 | - | - | 21 | 16 | 21 | 19 |
| MID. ATLANTIC | 4,463 | 6,644 | 33,812 | 29,049 | 95 | 281 | 42 | 77 | 11 | 24 |
| Upstate N.Y. | 531 | 853 | N | N | 54 | 175 | 36 | 48 | - | - |
| N.Y. City | 2,110 | 3,669 | 17,606 | 12,842 | 22 | 96 | - | 7 | 3 | 6 |
| N.J. | 967 | 1,163 | 4,757 | 5,594 | 9 | 10 | 6 | 22 | 8 | 15 |
| Pa . | 855 | 959 | 11,449 | 10,613 | 10 | - | N | N | - | 3 |
| E.N. CENTRAL | 1,289 | 1,744 | 39,936 | 47,151 | 57 | 99 | 120 | 156 | 60 | 125 |
| Ohio | 209 | 338 | 11,228 | 12,894 | 18 | 37 | 51 | 32 | 8 | 21 |
| Ind. | 169 | 323 | 4,974 | 5,145 | 9 | 20 | 17 | 48 | 13 | 25 |
| III. | 594 | 693 | 13,376 | 12,449 | 11 | 27 | 28 | 47 | 12 | 29 |
| Mich. | 252 | 305 | 10,358 | 10,232 | 19 | 15 | 24 | 29 | 14 | 24 |
| Wis. | 65 | 85 | U | 6,431 | - | - | N | N | 13 | 26 |
| W.N. CENTRAL | 389 | 429 | 14,322 | 16,357 | 46 | 97 | 125 | 81 | 57 | 78 |
| Minn. | 69 | 63 | 3,186 | 3,326 | 14 | 29 | 37 | 27 | 33 | 33 |
| Iowa | 44 | 48 | 1,225 | 2,067 | 9 | 18 | 15 | 19 | 6 | 15 |
| Mo. | 154 | 210 | 5,099 | 5,728 | 6 | 8 | 14 | 12 | 13 | 20 |
| N. Dak. | 4 | 4 | 325 | 482 | 4 | 14 | 3 | 1 | - | 5 |
| S. Dak. | 11 | 9 | 773 | 776 | 3 | 14 | 5 | 2 | 4 | 3 |
| Nebr. | 34 | 34 | 1,245 | 1,399 | 9 | 13 | 42 | 11 | - | - |
| Kans. | 73 | 61 | 2,469 | 2,579 | 1 | 1 | 9 | 9 | 1 | 2 |
| S. ATLANTIC | 5,239 | 5,546 | 63,703 | 53,232 | 152 | 86 | 91 | 40 | 46 | 55 |
| Del. | 5,239 | , 75 | 1,346 | 1,210 | 15 | 8 | 2 | - | 46 | 1 |
| Md. | 560 | 716 | 4,729 | 4,003 | 6 | 8 | 6 | 12 | - | 7 |
| D.C. | 208 | 416 | 826 | N | 5 | 3 | - | - | - | - |
| Va . | 266 | 424 | 6,963 | 5,248 | 7 | 1 | 26 | - | 17 | 22 |
| W. Va. | 26 | 50 | 977 | 1,135 | - | 1 | 4 | 3 | 1 | 2 |
| N.C. | 356 | 387 | 11,067 | 10,799 | 4 | - | 21 | 11 | 16 | 13 |
| S.C. | 485 | 352 | 8,635 | 9,004 | - | - | 11 | 1 | 3 | 1 |
| Ga. | 826 | 615 | 15,198 | 11,689 | 81 | 26 | 6 | 8 | - | - |
| Fla. | 2,440 | 2,511 | 13,962 | 9,996 | 49 | 47 | 15 | 5 | 9 | 9 |
| E.S. CENTRAL | 844 | 901 | 18,744 | 18,940 | 8 | 15 | 51 | 46 | 19 | 33 |
| Ky. | 128 | 126 | 3,333 | 2,983 | 2 | 5 | 14 | 13 | - | - |
| Tenn. | 339 | 299 | 6,696 | 6,222 | 4 | 6 | 23 | 20 | 12 | 21 |
| Ala. | 214 | 274 | 4,807 | 4,805 | 1 | - | 11 | 10 | 6 | 11 |
| Miss. | 163 | 202 | 3,908 | 4,930 | 1 | 4 | 3 | 3 | 1 | 1 |
| W.S. CENTRAL | 2,091 | 2,890 | 33,392 | 41,604 | 32 | 15 | 20 | 25 | 11 | 43 |
| Ark. | 70 | 104 | 2,860 | 1,728 | - | 3 | 5 | 3 | 3 | 4 |
| La. | 410 | 507 | 7,726 | 6,429 | 21 | 6 | 3 | - | 3 | 2 |
| Okla. | 54 | 170 | 3,702 | 4,767 | 2 | 3 | 7 | 5 | 5 | 4 |
| Tex. | 1,557 | 2,109 | 19,104 | 28,680 | 9 | 3 | 5 | 17 | - | 33 |
| MOUNTAIN | 723 | 815 | 15,433 | 15,305 | 37 | 63 | 49 | 76 | 27 | 57 |
| Mont. | 4 | 15 | 654 | 595 | 7 | 4 | 3 | 4 |  | 2 |
| Idaho | 11 | 15 | 617 | 914 | 2 | 14 | 1 | 8 | 2 | 2 |
| Wyo. | 3 | 1 | 333 | 301 | - |  | 3 | 2 | 4 | 4 |
| Colo. | 144 | 146 | 3,614 | 3,943 | 4 | 2 | 20 | 19 | 12 | 15 |
| N. Mex. | 37 | 129 | 1,731 | 1,830 | 15 | 26 | 3 | 9 | 1 | 6 |
| Ariz. | 355 | 327 | 6,116 | 5,140 | 7 | 10 | 8 | 13 | 4 | 11 |
| Utah | 70 | 65 | 908 | 1,071 | - | 1 | 9 | 15 | 2 | 10 |
| Nev. | 99 | 117 | 1,460 | 1,511 | 2 | 6 | 2 | 6 | 2 | 7 |
| PACIFIC | 2,658 | 3,334 | 39,013 | 46,230 | 182 | 199 | 81 | 122 | 54 | 108 |
| Wash. | 153 | 230 | 5,624 | 5,284 | - | - | 27 | 25 | 26 | 35 |
| Oreg. | 63 | 94 | 2,802 | 2,447 | 73 | 21 | 20 | 29 | 14 | 28 |
| Calif. | 2,394 | 2,931 | 28,716 | 36,455 | 109 | 177 | 34 | 66 | 13 | 41 |
| Alaska | 6 | 12 | 873 | 931 | - | - | - | 2 | - | - |
| Hawaii | 42 | 67 | 998 | 1,113 | - | 1 | - | - | 1 | 4 |
| Guam | 1 | - | 149 | 174 | - | - | N | N | - | - |
| P.R. | 625 | 921 | U | U | - | - | 6 | 4 | U | U |
| V.I. | 13 | 17 | N | N | - | - | N | N | U | U |
| Amer. Samoa | - | - | U | U | - | - | N | N | U | U |
| C.N.M.I. | - | - | N | N | - | - | N | N | U | U |

N : Not notifiable
U: Unavailable
$-:$ no reported cases
C.N.M.I.: Commonwealth of Northern Mariana Islands
*Individual cases may be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the
Public Health Laboratory Information System (PHLIS).
${ }^{\dagger}$ Updated monthly from reports to the Division of HIV/AIDS Prevention-Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention, last update May 23, 1999.

TABLE II. (Cont'd.) Provisional cases of selected notifiable diseases, United States, weeks ending June 26, 1999, and June 27, 1998 (25th Week)

| Reporting Area | Gonorrhea |  | Hepatitis C/NA,NB |  | Legionellosis |  | Lyme Disease |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ |
| UNITED STATES | 144,657 | 159,283 | 1,770 | 1,902 | 446 | 525 | 2,475 | 3,114 |
| NEW ENGLAND | 2,746 | 2,733 | 55 | 42 | 29 | 28 | 457 | 952 |
| Maine | 15 | 27 | 1 | - | 4 | 1 | - | 16 |
| N.H. | 35 | 45 | - | - | 3 | 3 | - | 13 |
| V t. | 26 | 13 | 2 | 2 | 4 | 1 | - | 4 |
| Mass. | 1,218 | 966 | 49 | 39 | 9 | 13 | 242 | 221 |
| R.I. | 289 | 175 | 3 | 1 | 3 | 4 | 77 | 30 |
| Conn. | 1,163 | 1,507 | - | - | 6 | 6 | 138 | 668 |
| MID. ATLANTIC | 18,708 | 17,272 | 79 | 113 | 93 | 118 | 1,519 | 1,641 |
| Upstate N.Y. | 2,893 | 3,217 | 50 | 55 | 26 | 30 | 714 | 750 |
| N.Y. City | 7,494 | 5,774 |  |  | 7 | 25 | 6 | 65 |
| N.J. | 2,774 | 3,409 | - | - | 5 | 5 | 124 | 277 |
| Pa . | 5,547 | 4,872 | 29 | 58 | 55 | 58 | 675 | 549 |
| E.N. CENTRAL | 26,216 | 31,165 | 961 | 273 | 125 | 180 | 48 | 165 |
| Ohio | 6,668 | 7,847 | - | 6 | 41 | 63 | 26 | 16 |
| Ind. | 2,897 | 2,986 | 1 | 4 | 39 | 31 | 19 | 8 |
| III. | 9,481 | 10,134 | 10 | 26 | 10 | 22 | 2 | 5 |
| Mich. | 7,170 | 7,480 | 368 | 237 | 32 | 32 | 1 | 8 |
| Wis. | U | 2,718 | 582 | - | 3 | 32 | U | 128 |
| W.N. CENTRAL | 5,783 | 7,779 | 65 | 18 | 22 | 30 | 38 | 29 |
| Minn. | 1,182 | 1,176 | 2 | 5 | 1 | 3 | 13 | 9 |
| Iowa | 306 | 661 | - | 5 | 11 | 5 | 10 | 10 |
| Mo. | 2,625 | 4,167 | 56 | 6 | 7 | 8 | - | 6 |
| N. Dak. | 31 | 43 | - | - | - | - | 1 | - |
| S. Dak. | 75 | 123 | - | - | 1 | 1 | - | - |
| Nebr. | 552 | 531 | 3 | 2 | 2 | 11 | 6 | 2 |
| Kans. | 1,012 | 1,078 | 4 | - | - | 2 | 8 | 2 |
| S. ATLANTIC | 46,175 | 42,726 | 116 | 54 | 51 | 62 | 278 | 245 |
| Del. | 799 | 649 | - | 5 | 4 | 7 | 9 | 15 |
| Md. | 4,135 | 4,584 | 28 | 5 | 6 | 14 | 190 | 180 |
| D.C. | 2,490 | 1,855 | - | - | - | 4 | 1 | 4 |
| Va . | 4,498 | 2,882 | 10 | 5 | 13 | 7 | 18 | 20 |
| W. Va. | 268 | 385 | 12 | 4 | N | N | 7 | 5 |
| N.C. | 9,396 | 9,037 | 24 | 12 | 8 | 6 | 32 | 12 |
| S.C. | 4,645 | 5,823 | 12 | 2 | 7 | 5 | 4 | 2 |
| Ga . | 10,003 | 9,516 | 1 | 9 | - | 2 | - | 2 |
| Fla. | 9,941 | 7,995 | 29 | 17 | 13 | 16 | 17 | 5 |
| E.S. CENTRAL | 14,633 | 17,867 | 119 | 78 | 55 | 28 | 44 | 28 |
| Ky. | 1,494 | 1,702 | 8 | 15 | 44 | 14 | 19 | 9 |
| Tenn. | 5,203 | 5,282 | 43 | 60 | 9 | 7 | 13 | 10 |
| Ala. | 4,293 | 6,139 | 1 | 3 | 2 | 3 | 6 | 9 |
| Miss. | 3,643 | 4,744 | 67 | - | - | 4 | 6 | - |
| W.S. CENTRAL | 18,803 | 24,725 | 126 | 273 | 1 | 10 | 3 | 8 |
| Ark. | 1,402 | 1,907 | 3 | 10 | - | 1 | 1 | 5 |
| La. | 6,054 | 5,274 | 100 | 10 | 1 | 1 | - | - |
| Okla. | 1,878 | 2,584 | 4 | 2 | - | 6 | 2 | - |
| Tex. | 9,469 | 14,960 | 19 | 251 | - | 2 | - | 3 |
| MOUNTAIN | 4,295 | 4,028 | 72 | 247 | 27 | 30 | 6 | 3 |
| Mont. | 21 | 23 | 4 | 4 | - | 1 | - | - |
| Idaho | 32 | 83 | 4 | 85 | - | - | 1 | 1 |
| Wyo. | 11 | 15 | 24 | 58 | - | 1 | 1 | 1 |
| Colo. | 1,031 | 984 | 14 | 12 | 5 | 5 | - | - |
| N. Mex. | 311 | 355 | 4 | 51 | 1 | 2 | 1 | - |
| Ariz. | 2,219 | 1,869 | 17 | 4 | 4 | 3 | - | - |
| Utah | 86 | 109 | 2 | 17 | 11 | 15 | 1 | - |
| Nev. | 584 | 590 | 3 | 16 | 6 | 3 | 2 | 1 |
| PACIFIC | 7,298 | 10,988 | 177 | 804 | 43 | 39 | 82 | 43 |
| Wash. | 990 | 899 | 8 | 10 | 9 | 4 | 2 | 1 |
| Oreg. | 400 | 330 | 7 | 10 | N | N | 3 | 8 |
| Calif. | 5,633 | 9,376 | 162 | 729 | 33 | 34 | 77 | 34 |
| Alaska | 147 | 156 | - | 1 | 1 | - | - | - |
| Hawaii | 128 | 227 | - | 54 | - | 1 | - | - |
| Guam | 22 | 24 | - | - | - | 2 | - | - |
| P.R. | 145 | 196 | - | - | - | - | - | - |
| V.I. | U | U | U | U | U | U | U | U |
| Amer. Samoa | U | U | U | U | U | U | U | U |
| C.N.M.I. | - | 18 |  | - | - | - | - | - |

N : Not notifiable
U: Unavailable
-: no reported cases

TABLE II. (Cont'd.) Provisional cases of selected notifiable diseases, United States, weeks ending June 26, 1999, and June 27, 1998 (25th Week)

| Reporting Area | Malaria |  | Rabies, Animal |  | Salmonellosis* |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | NETSS | PHLIS |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ |  |  | $\begin{aligned} & \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ |
| UNITED STATES | 510 | 566 | 2,539 | 3,586 | 12,444 | 14,387 | 9,355 | 13,378 |
| NEW ENGLAND | 20 | 22 | 390 | 667 | 772 | 949 | 703 | 881 |
| Maine | 2 | 3 | 73 | 122 | 57 | 69 | 35 | 27 |
| N.H. | - | 3 | 26 | 33 | 41 | 66 | 39 | 93 |
| Vt. | 1 | - | 59 | 30 | 31 | 39 | 26 | 33 |
| Mass. | 7 | 14 | 84 | 215 | 443 | 517 | 407 | 503 |
| R.I. | 2 | 2 | 49 | 35 | 49 | 53 | 48 | 37 |
| Conn. | 8 | - | 99 | 232 | 151 | 205 | 148 | 188 |
| MID. ATLANTIC | 121 | 165 | 475 | 746 | 1,629 | 2,471 | 1,103 | 2,363 |
| Upstate N.Y. | 36 | 33 | 307 | 511 | 449 | 559 | 454 | 485 |
| N.Y. City | 38 | 96 | U | U | 377 | 808 | 368 | 752 |
| N.J. | 29 | 21 | 99 | 95 | 332 | 514 | 281 | 435 |
| Pa. | 18 | 15 | 69 | 140 | 471 | 590 | - | 691 |
| E.N. CENTRAL | 54 | 56 | 39 | 52 | 1,585 | 2,547 | 1,199 | 1,743 |
| Ohio | 9 | 3 | 11 | 36 | 396 | 575 | 117 | 483 |
| Ind. | 8 | 2 | - | 4 | 178 | 295 | 127 | 266 |
| III. | 18 | 24 | ${ }^{-}$ | 4 | 558 | 754 | 399 | 383 |
| Mich. | 17 | 24 | 25 | 6 | 415 | 510 | 380 | 379 |
| Wis. | 2 | 3 | 3 | 2 | 38 | 413 | 176 | 232 |
| W.N. CENTRAL | 21 | 32 | 303 | 383 | 808 | 883 | 729 | 987 |
| Minn. | 5 | 13 | 52 | 62 | 219 | 224 | 248 | 277 |
| Iowa | 6 | 3 | 65 | 79 | 90 | 154 | 60 | 133 |
| Mo. | 9 | 10 | 9 | 20 | 252 | 240 | 321 | 349 |
| N. Dak. | - | 2 | 84 | 73 | 15 | 28 | 2 | 43 |
| S. Dak. | - | - | 44 | 89 | 44 | 36 | 26 | 48 |
| Nebr. | - | 1 | 2 | 3 | 91 | 74 | - | 20 |
| Kans. | 1 | 3 | 47 | 57 | 97 | 127 | 72 | 117 |
| S. ATLANTIC | 145 | 119 | 973 | 1,207 | 2,782 | 2,430 | 2,007 | 1,988 |
| Del. | 1 | 1 | 29 | 20 | 43 | 29 | 51 | 45 |
| Md. | 45 | 43 | 200 | 253 | 318 | 342 | 296 | 371 |
| D.C. | 10 | 7 | - | - | 39 | 43 | - | - |
| Va. | 26 | 21 | 249 | 330 | 488 | 391 | 371 | 369 |
| W. Va. | 1 | - | 57 | 41 | 43 | 65 | 37 | 63 |
| N.C. | 10 | 10 | 191 | 315 | 434 | 356 | 414 | 411 |
| S.C. | 1 | 4 | 78 | 72 | 155 | 167 | 134 | 132 |
| Ga. | 12 | 15 | 84 | 82 | 425 | 351 | 543 | 403 |
| Fla. | 39 | 18 | 85 | 94 | 837 | 686 | 161 | 194 |
| E.S. CENTRAL | 10 | 16 | 132 | 142 | 659 | 677 | 263 | 596 |
| Kу. | 2 | 2 | 22 | 18 | 161 | 161 | - | 89 |
| Tenn. | 5 | 8 | 46 | 82 | 180 | 198 | 139 | 317 |
| Ala. | 2 | 4 | 64 | 40 | 194 | 175 | 107 | 155 |
| Miss. | 1 | 2 | - | 2 | 124 | 143 | 17 | 35 |
| W.S. CENTRAL | 8 | 11 | 50 | 102 | 845 | 1,127 | 653 | 1,479 |
| Ark. | - | 1 | - | 19 | 145 | 117 | 76 | 89 |
| La. | 6 | 4 | ${ }^{-}$ | - | 159 | 201 | 66 | 278 |
| Okla. | 1 | 1 | 50 | 83 | 132 | 136 | 88 | 58 |
| Tex. | 1 | 5 | - | - | 409 | 673 | 423 | 1,054 |
| MOUNTAIN | 23 | 29 | 90 | 94 | 1,213 | 876 | 802 | 839 |
| Mont. | 3 | - | 35 | 29 | 27 | 39 | 1 | 19 |
| Idaho | 1 | 3 | - | - | 40 | 50 | 35 | 39 |
| Wyo. | 1 | - | 27 | 40 | 11 | 31 | 17 | 27 |
| Colo. | 8 | 7 | 1 | 2 | 363 | 221 | 367 | 220 |
| N. Mex. | 2 | 9 | 2 | 1 | 138 | 79 | 79 | 77 |
| Ariz. | 5 | 4 | 25 | 20 | 353 | 241 | 250 | 258 |
| Utah | 2 | 1 | - | 2 | 203 | 140 | - | 120 |
| Nev. | 1 | 5 | - | - | 78 | 75 | 53 | 79 |
| PACIFIC | 108 | 116 | 87 | 193 | 2,151 | 2,427 | 1,896 | 2,502 |
| Wash. | 7 | 9 | - | - | 206 | 177 | 279 | 299 |
| Oreg. | 13 | 10 | 1 | - | 158 | 135 | 205 | 176 |
| Calif. | 82 | 95 | 80 | 173 | 1,601 | 2,003 | 1,291 | 1,907 |
| Alaska |  | - | 6 | 20 | 18 | 18 | 6 | 14 |
| Hawaii | 6 | 2 | - | - | 168 | 94 | 115 | 106 |
| Guam | - | 1 | - | - | 18 | 11 | - | - |
| P.R. | - | - | 36 | 27 | 184 | 294 | - | - |
| V.I. | U | U | U | U | - | - | - | - |
| Amer. Samoa | U | U | U | U | - | - | - | - |
| C.N.M.I. | - | - | - | - | - | 11 | - | - |

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

TABLE II. (Cont'd.) Provisional cases of selected notifiable diseases, United States, weeks ending June 26, 1999, and June 27, 1998 (25th Week)

| Reporting Area | Shigellosis* |  |  |  | Syphilis (Primary \& Secondary) |  | Tuberculosis |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NETSS |  | PHLIS |  |  |  |  |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | $\begin{aligned} & \text { Cum. } \\ & 1999^{\dagger} \end{aligned}$ | $\begin{aligned} & \text { Cum. } \\ & \text { 1998 } \end{aligned}$ |
| UNITED STATES | 5,544 | 8,254 | 2,007 | 5,067 | 2,969 | 3,333 | 3,863 | 4,602 |
| NEW ENGLAND | 147 | 206 | 126 | 182 | 29 | 37 | 170 | 213 |
| Maine | 2 | 7 | - | - | - | 1 | 9 | 5 |
| N.H. | 7 | 7 | 6 | 8 | - | 1 | 3 | 2 |
| Vt. | 4 | 4 | 3 | - | 2 | 3 | - | 1 |
| Mass. | 93 | 127 | 82 | 122 | 18 | 23 | 92 | 116 |
| R.I. | 14 | 15 | 9 | 12 | 1 | - | 19 | 25 |
| Conn. | 27 | 46 | 26 | 40 | 8 | 9 | 47 | 64 |
| MID. ATLANTIC | 375 | 1,257 | 185 | 1,076 | 123 | 112 | 960 | 1,054 |
| Upstate N.Y. | 107 | 235 | 31 | 76 | 15 | 17 | 135 | 136 |
| N.Y. City | 98 | 411 | 81 | 451 | 57 | 23 | 609 | 632 |
| N.J. | 103 | 390 | 73 | 380 | 16 | 54 | 216 | 286 |
| Pa . | 67 | 221 | - | 169 | 35 | 18 | U | U |
| E.N. CENTRAL | 827 | 1,215 | 334 | 625 | 583 | 499 | 414 | 587 |
| Ohio | 256 | 282 | 14 | 67 | 47 | 75 | U | U |
| Ind. | 53 | 79 | 11 | 22 | 173 | 88 | U | U |
| III. | 312 | 630 | 218 | 515 | 268 | 209 | 252 | 372 |
| Mich. | 158 | 122 | 73 | 4 | 95 | 89 | 123 | 164 |
| Wis. | 48 | 102 | 18 | 17 | U | 38 | 39 | 51 |
| W.N. CENTRAL | 491 | 433 | 311 | 188 | 52 | 75 | 230 | 189 |
| Minn. | 76 | 78 | 83 | 79 | 5 | 5 | 89 | 63 |
| lowa | 7 | 31 | 9 | 27 | 5 | - | 26 | 2 |
| Mo. | 350 | 51 | 201 | 37 | 34 | 57 | 82 | 80 |
| N. Dak. | 2 | 4 | - | 2 | - | - | 2 | 3 |
| S. Dak. | 8 | 20 | 4 | 18 | - | 1 | 3 | 13 |
| Nebr. | 28 | 234 | - | 15 | 4 | 4 | 9 | 5 |
| Kans. | 20 | 15 | 14 | 10 | 4 | 8 | 19 | 23 |
| S. ATLANTIC | 1,077 | 1,556 | 239 | 508 | 982 | 1,283 | 759 | 772 |
| Del. | 7 | 8 | 2 | 2 | 4 | 15 | 12 | 17 |
| Md. | 59 | 94 | 15 | 30 | 191 | 362 | U | U |
| D.C. | 30 | 11 | - | - | 42 | 48 | 24 | 55 |
| Va . | 38 | 67 | 10 | 25 | 75 | 85 | 104 | 144 |
| W. Va. | 5 | 7 | 2 | 5 | 2 | 2 | 22 | 24 |
| N.C. | 113 | 134 | 54 | 80 | 241 | 356 | 202 | 199 |
| S.C. | 51 | 78 | 18 | 30 | 125 | 155 | 124 | 138 |
| Ga. | 101 | 419 | 34 | 126 | 154 | 138 | 271 | 195 |
| Fla. | 673 | 738 | 104 | 210 | 148 | 122 | U | U |
| E.S. CENTRAL | 595 | 411 | 217 | 239 | 550 | 579 | 281 | 389 |
| Kу. | 113 | 77 | - | 38 | 46 | 59 | 82 | 95 |
| Tenn. | 392 | 67 | 197 | 86 | 315 | 281 | U | U |
| Ala. | 51 | 238 | 19 | 113 | 129 | 133 | 143 | 184 |
| Miss. | 39 | 29 | 1 | 2 | 60 | 106 | 56 | 110 |
| W.S. CENTRAL | 763 | 1,646 | 339 | 1,814 | 415 | 444 | 747 | 998 |
| Ark. | 46 | 77 | 21 | 16 | 34 | 58 | 78 | 53 |
| La. | 76 | 129 | 29 | 155 | 121 | 150 | U | U |
| Okla. | 236 | 116 | 77 | 30 | 103 | 24 | 60 | 57 |
| Tex. | 405 | 1,324 | 212 | 1,613 | 157 | 212 | 609 | 888 |
| MOUNTAIN | 327 | 508 | 152 | 297 | 99 | 116 | 62 | 109 |
| Mont. | 6 | 3 | - | 3 | - | - | 5 | 12 |
| Idaho | 6 | 11 | 3 | 7 | 1 | - | - | 4 |
| Wyo. | 2 | 1 | 1 | - | - | 1 | 1 | 2 |
| Colo. | 50 | 63 | 37 | 47 | 1 | 7 | U | U |
| N. Mex. | 40 | 119 | 13 | 49 | - | 12 | 23 | 30 |
| Ariz. | 176 | 276 | 92 | 171 | 90 | 84 | U | U |
| Utah | 26 | 16 |  | 13 | 2 | 3 | 18 | 32 |
| Nev . | 21 | 19 | 6 | 7 | 5 | 9 | 15 | 29 |
| PACIFIC | 942 | 1,022 | 104 | 138 | 136 | 188 | 240 | 291 |
| Wash. | 50 | 56 | 51 | 58 | 35 | 12 | 76 | 121 |
| Oreg. | 34 | 62 | 34 | 57 | 2 | 1 | 56 | 57 |
| Calif. | 836 | 883 | - | - | 96 | 175 | U | U |
| Alaska | - | 3 | - | 2 | 1 | - | 29 | 26 |
| Hawaii | 22 | 18 | 19 | 21 | 2 | - | 79 | 87 |
| Guam | 3 | 20 | - | - | - | - | - | 38 |
| P.R. | 23 | 28 | - | - | 82 | 110 | 41 | 65 |
| V.I. |  | - | - | - | U | U | U | U |
| Amer. Samoa | - | - | - | - | U | U | U | U |
| C.N.M.I. | - | 11 | - | - | - | 131 | - | 57 |

N : Not notifiable
U: Unavailable
$-:$ no reported cases
*Individual cases may be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).
${ }^{\dagger}$ Cumulative reports of provisional tuberculosis cases for 1998 and 1999 are unavailable (" $U$ ") for some areas using the Tuberculosis Information System (TIMS)

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending June 26, 1999, and June 27, 1998 (25th Week)

| Reporting Area | H. influenzae, invasive |  | Hepatitis (Viral), by type |  |  |  | Measles (Rubeola) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | A |  | B |  | Indigenous |  | Imported* |  | Total |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1999^{\dagger} \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ | 1999 | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \end{aligned}$ | 1999 | $\begin{gathered} \hline \text { Cum. } \\ 1999 \end{gathered}$ | $\begin{gathered} \hline \text { Cum. } \\ 1999 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \end{aligned}$ |
| UNITED STATES | 596 | 587 | 7,445 | 10,953 | 3,075 | 4,314 | 1 | 28 | - | 13 | 41 | 40 |
| NEW ENGLAND | 41 | 41 | 90 | 146 | 51 | 87 | - | 5 | - | 4 | 9 | 2 |
| Maine | 5 | 2 | 4 | 13 | - | 2 | - | - | - | - | - | - |
| N.H. | 8 | 6 | 7 | 7 | 8 | 10 | - | - | - | 1 | 1 | - |
| V t. | 4 | 2 | 3 | 11 | 1 | 3 | - | - | - | - | - | - |
| Mass. | 17 | 29 | 29 | 48 | 26 | 34 | - | 4 | - | 2 | 6 | 2 |
| R.I. | - | 2 | 9 | 9 | 16 | 20 | - | - | - | - | - | - |
| Conn. | 7 | - | 38 | 58 | - | 18 | U | 1 | U | 1 | 2 | - |
| MID. ATLANTIC | 83 | 87 | 500 | 825 | 383 | 619 | - | - | - | 2 | 2 | 11 |
| Upstate N.Y. | 47 | 27 | 121 | 155 | 98 | 116 | - | - | - | 2 | 2 | 2 |
| N.Y. City | 13 | 27 | 82 | 305 | 89 | 212 | - | - | - | - | - | - |
| N.J. | 23 | 28 | 57 | 157 | 40 | 106 | U | - | U | - | - | 8 |
| Pa . | - | 5 | 240 | 208 | 156 | 185 | - | - | - | - | - | 1 |
| E.N. CENTRAL | 83 | 94 | 1,494 | 1,499 | 292 | 474 | - | 1 | - | - | 1 | 15 |
| Ohio | 35 | 34 | 366 | 172 | 45 | 35 | - | - | - | - | - | 1 |
| Ind. | 14 | 22 | 96 | 89 | 27 | 52 | - | 1 | - | - | 1 | 3 |
| III. | 27 | 34 | 220 | 370 | - | 127 | - | - | - | - | - | - |
| Mich. | 7 | - | 786 | 750 | 219 | 214 | - | - | - | - | - | 10 |
| Wis. | - | 4 | 26 | 118 | 1 | 46 | U | - | U | - | - | 1 |
| W.N. CENTRAL | 48 | 39 | 362 | 841 | 240 | 203 | - | - | - | - | - | - |
| Minn. | 13 | 25 | 33 | 60 | 19 | 16 | - | - | - | - | - | - |
| Iowa | 13 | 1 | 76 | 353 | 103 | 33 | - | - | - | - | - | - |
| Mo. | 16 | 8 | 190 | 350 | 92 | 125 | - | - | - | - | - | - |
| N. Dak. | - | - | 1 | 3 | - | 4 | - | - | - | - | - | - |
| S. Dak. | 1 | - | 8 | 8 | 1 | 1 | - | - | - | - | - | - |
| Nebr. | 3 | - | 30 | 14 | 10 | 9 | - | - | - | - | - | - |
| Kans. | 2 | 5 | 24 | 53 | 15 | 15 | - | - | - | - | - | - |
| S. ATLANTIC | 139 | 110 | 926 | 830 | 554 | 449 | - | 1 | - | 3 | 4 | 6 |
| Del. | - | - | 2 | 3 | - | - | - | - | - | - | - | 1 |
| Md. | 32 | 36 | 155 | 170 | 78 | 86 | - | - | - | - | - | 1 |
| D.C. | 4 | - | 32 | 30 | 11 | 6 | - | - | - | - | - | - |
| Va . | 12 | 12 | 76 | 126 | 49 | 53 | - | 1 | - | 2 | 3 | 2 |
| W. Va. | 4 | 4 | 15 | 1 | 11 | 3 | - | - | - | - | - | - |
| N.C. | 21 | 15 | 64 | 49 | 117 | 103 | - | - | - | - | - | - |
| S.C. | 2 | 3 | 18 | 17 | 38 | 8 | - | - | - | - | - | - |
| Ga . | 35 | 22 | 251 | 235 | 65 | 84 | - | - | - | - | - | 1 |
| Fla. | 29 | 18 | 313 | 199 | 185 | 106 | - | - | - | 1 | 1 | 1 |
| E.S. CENTRAL | 46 | 36 | 233 | 217 | 225 | 201 | - | - | - | - | - | 1 |
| Ky. | 6 | 5 | 37 | 14 | 25 | 23 | - | - | - | - | - | - |
| Tenn. | 25 | 22 | 121 | 122 | 108 | 138 | - | - | - | - | - | - |
| Ala. | 13 | 7 | 36 | 44 | 47 | 40 | - | - | - | - | - | 1 |
| Miss. | 2 | 2 | 39 | 37 | 45 | - | U | - | U | - | - | - |
| W.S. CENTRAL | 33 | 30 | 1,306 | 1,950 | 291 | 980 | - | 1 | - | 2 | 3 | - |
| Ark. | 1 | - | 26 | 39 | 25 | 47 | - | - | - | - | - | - |
| La. | 7 | 13 | 59 | 41 | 72 | 47 | U | - | U | - | - | - |
| Okla. | 23 | 15 | 250 | 280 | 60 | 31 | - | - | - | - | - | - |
| Tex. | 2 | 2 | 971 | 1,590 | 134 | 855 | - | 1 | - | 2 | 3 | - |
| MOUNTAIN | 60 | 77 | 726 | 1,652 | 312 | 416 | 1 | 2 | - | - | 2 | - |
| Mont. | 1 | - | 12 | 51 | 15 | 3 | - | - | - | - | - | - |
| Idaho | 1 | - | 27 | 134 | 16 | 17 | - | - | - | - | - | - |
| Wyo. | 1 | - | 4 | 23 | 5 | 2 | U | - | U | - | - | - |
| Colo. | 9 | 14 | 126 | 125 | 43 | 52 | - | - | - | - | - | - |
| N. Mex. | 13 | 4 | 28 | 83 | 108 | 154 | - | - | - | - | - | - |
| Ariz. | 29 | 39 | 442 | 1,008 | 80 | 102 | - | 1 | - | - | 1 | - |
| Utah | 4 | 3 | 25 | 113 | 17 | 38 | 1 | 1 | - | - | 1 | - |
| Nev. | 2 | 17 | 62 | 115 | 28 | 48 | - | - | - | - | - | - |
| PACIFIC | 63 | 73 | 1,808 | 2,993 | 727 | 885 | - | 18 | - | 2 | 20 | 5 |
| Wash. | 2 | 3 | 149 | 567 | 32 | 52 | - | - | - | - | - | 1 |
| Oreg. | 25 | 30 | 137 | 233 | 49 | 88 | - | 8 | - | - | 8 |  |
| Calif. | 30 | 33 | 1,512 | 2,150 | 631 | 731 | - | 10 | - | 2 | 12 | 4 |
| Alaska | 4 | 1 | 3 | 14 | 9 | 7 | U | - | U | - |  | - |
| Hawaii | 2 | 6 | 7 | 29 | 6 | 7 | - | - | - | - | - | - |
| Guam | - | - | 2 | - | 2 | 2 | U | 1 | U | - | 1 | - |
| P.R. | 1 | 2 | 80 | 31 | 76 | 277 | - | - | - | - | - | - |
| V.I. | 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 |
| C.N.M.I. |  | U | U | 1 |  | 34 | U | U | U |  |  |  |

[^3]*For imported measles, cases include only those resulting from importation from other countries.
${ }^{\dagger}$ Of 123 cases among children aged $<5$ years, serotype was reported for 57 and of those, 13 were type b.

## TABLE III. (Cont'd.) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending June 26, 1999, and June 27, 1998 (25th Week)

| Reporting Area | Meningococcal Disease |  | Mumps |  |  | Pertussis |  |  | Rubella |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { Cum. } \\ 1999 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1998 \\ & \hline \end{aligned}$ | 1999 | $\begin{gathered} \hline \text { Cum. } \\ 1999 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \\ \hline \end{gathered}$ | 1999 | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \\ & \hline \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \\ \hline \end{gathered}$ | 1999 | $\begin{aligned} & \hline \text { Cum. } \\ & 1999 \\ & \hline \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1998 \\ \hline \end{gathered}$ |
| UNITED STATES | 1,301 | 1,548 | 2 | 175 | 398 | 50 | 2,462 | 2,343 | 3 | 135 | 287 |
| NEW ENGLAND | 70 | 69 | - | 3 | 1 | 6 | 252 | 432 | - | 6 | 36 |
| Maine | 4 | 4 | - | - | - | - |  | 5 | - | - | - |
| N.H. | 10 | 8 | - | 1 | - | - | 53 | 34 | - | - | - |
| Vt. | 4 | 1 | - | - | - | - | 9 | 38 | - | - | - |
| Mass. | 43 | 30 | - | 2 | 1 | 1 | 174 | 339 | - | 6 | 8 |
| R.I. | 2 | 3 | - | - | - | 5 | 8 | 3 | - | - |  |
| Conn. | 7 | 23 | U | - | - | U | 8 | 13 | U | - | 28 |
| MID. ATLANTIC | 115 | 162 | - | 21 | 168 | 4 | 568 | 285 | 2 | 17 | 131 |
| Upstate N.Y. | 33 | 42 | - | 5 | 2 | 4 | 495 | 138 | 2 | 13 | 108 |
| N.Y. City | 27 | 19 | - | 3 | 153 | - | 10 | 14 | - | - | 10 |
| N.J. | 23 | 39 | U | - | 5 | U | 12 | 8 | U | 1 | 12 |
| Pa. | 32 | 62 | - | 13 | 8 | - | 51 | 125 | , | 3 | 1 |
| E.N. CENTRAL | 204 | 243 | 1 | 23 | 47 | 8 | 207 | 218 | 1 | 1 | - |
| Ohio | 91 | 82 | - | 7 | 19 | 2 | 107 | 71 | - | - | - |
| Ind. | 36 | 43 | 1 | 3 | 4 | 3 | 14 | 53 | 1 | 1 | - |
| III. | 50 | 68 | - | 6 | 7 | 3 | 38 | 24 | - | - | - |
| Mich. | 26 | 26 | - | 7 | 17 |  | 21 | 32 | - | - | - |
| Wis. | 1 | 24 | U | - | - | U | 27 | 38 | U | - | - |
| W.N. CENTRAL | 151 | 126 | - | 5 | 20 | 3 | 65 | 174 | - | 71 | 27 |
| Minn. | 30 | 19 | - | 1 | 10 | - | 25 | 100 | - | - | - |
| lowa | 28 | 18 | - | 3 | 6 | 1 | 20 | 43 | - | 21 |  |
| Mo. | 59 | 52 | - | 1 | 3 | - | 15 | 13 | - | 2 | 2 |
| N. Dak. | 3 |  | - | - | 1 | - | - |  | - | - |  |
| S. Dak. | 8 | 6 | - | - | - | 2 | 4 | 4 | - | $\stackrel{-}{-}$ | - |
| Nebr. | 9 | 7 | - | - | - | - | 1 | 6 | - | 48 | - |
| Kans. | 14 | 24 | - | - | - | - | - | 8 | - | - | 25 |
| S. ATLANTIC | 223 | 241 | 1 | 36 | 25 | 6 | 142 | 122 | - | 17 | 6 |
| Del. | 3 | 1 | - | - |  | - | - | 1 | - |  |  |
| Md. | 33 | 22 | - | 3 | - | 2 | 38 | 27 | - | 1 | - |
| D.C. | 1 | - | - | 2 | - | - | - | 1 | - | - | - |
| Va . | 26 | 23 | - | 8 | 4 | - | 13 | 6 | - | - | - |
| W. Va. | 4 | 9 | - | 8 | - | - | 1 | 1 | - | - | - |
| N.C. | 26 | 35 | 1 | 8 | 8 | 2 | 35 | 44 | - | 16 | 5 |
| S.C. | 27 | 39 | - | 3 | 4 | - | 9 | 15 | - | - | - |
| Ga. | 39 | 55 | - | 2 | 1 | - | 16 | 6 | - | - | - |
| Fla. | 64 | 57 | - | 10 | 8 | 2 | 30 | 21 | - | - | 1 |
| E.S. CENTRAL | 108 | 116 | - | 1 | 8 | - | 43 | 51 | - | 1 | - |
| Ky. | 29 | 16 | - | , | - | - | 3 | 18 | - | - | - |
| Tenn. | 38 | 41 | - | - | 1 | - | 25 | 17 | - | - | - |
| Ala. | 24 | 40 | - | 1 | 4 | - | 11 | 14 | - | 1 | - |
| Miss. | 17 | 19 | U | - | 3 | U | 4 | 2 | U | - | - |
| W.S. CENTRAL | 93 | 183 | - | 21 | 32 | - | 61 | 145 | - | 5 | 69 |
| Ark. | 20 | 22 | - | - |  | - | 6 | 15 | - | - |  |
| La. | 34 | 35 | U | 3 | 2 | U | 3 | 1 | U | - | - |
| Okla. | 16 | 26 | - | 1 | - | - | 7 | 15 | - | - |  |
| Tex. | 23 | 100 | - | 17 | 30 | - | 45 | 114 | - | 5 | 69 |
| MOUNTAIN | 88 | 84 | - | 12 | 23 | 3 | 245 | 481 | - | 14 | 5 |
| Mont. | 2 | 3 | - | - | - |  | 2 | 1 | - | - |  |
| Idaho | 8 | 4 | - | 1 | 3 | - | 93 | 184 | - | - | - |
| Wyo. | 3 | 3 | U | - | 1 | U | 2 | 7 | U | - | - |
| Colo. | 23 | 17 | - | 3 | 3 | - | 60 | 115 | - | - | 1 |
| N. Mex. | 11 | 15 | N | N | N | 3 | 24 | 64 | - | - | 1 |
| Ariz. | 28 | 29 | , | - | 4 |  | 29 | 69 | - | 13 | 1 |
| Utah | 8 | 8 | - | 5 | 3 | - | 33 | 23 | - |  | 2 |
| Nev. | 5 | 5 | - | 3 | 9 | - | 2 | 18 | - | 1 | 1 |
| PACIFIC | 249 | 324 | - | 53 | 74 | 20 | 879 | 435 | - | 3 | 13 |
| Wash. | 37 | 41 | - | 2 | 5 | 20 | 499 | 139 | - | - | 9 |
| Oreg. | 42 | 54 | N | N | N | - | 17 | 29 | - | 3 | - |
| Calif. | 162 | 224 | - | 45 | 53 | - | 353 | 260 | U | 3 | 2 |
| Alaska | 4 | 1 | U | 1 | 2 | U | 3 | 2 | U | - | - |
| Hawaii | 4 | 4 | - | 5 | 14 | - | 7 | 5 | - | - | 2 |
| Guam | 5 | 2 | U | 1 | 2 | U | 1 | , | U | - | - |
| P.R. | 5 | 6 | - | - | 1 | 1 | 9 | 2 | , | , | U |
| 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 |
| C.N.M.I. | - | - | U | - | 2 | U | - | 1 | U | - | - |

TABLE IV. Deaths in 122 U.S. cities,* week ending June 26, 1999 (25th Week)

| Reporting Area | All Causes, By Age (Years) |  |  |  |  |  | $\mathbf{P} \& \mathbf{I}^{\dagger}$Total | Reporting Area | All Causes, By Age (Years) |  |  |  |  |  | P\& ${ }^{\dagger}$ <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Ages | >65 | 45-64 | 25-44 | 1-24 | <1 |  |  | All Ages | >65 | 45-64 | 25-44 | 1-24 | <1 |  |
| NEW ENGLAND | 531 | 380 | 81 | 44 | 14 | 12 | 27 | S. ATLANTIC | 1,069 | 714 | 198 | 97 | 38 | 21 | 50 |
| Boston, Mass. | 171 | 115 | 26 | 17 | 6 | 7 | 14 | Atlanta, Ga. | U | U | U | U | U | U | U |
| Bridgeport, Conn. | 26 | 18 | 4 | 3 | 1 |  | - | Baltimore, Md. | 239 | 145 | 49 | 32 | 10 | 3 | 19 |
| Cambridge, Mass. | 21 | 19 | 2 |  |  |  | 2 | Charlotte, N.C. | 90 | 52 | 18 | 13 | 2 | 5 | 7 |
| Fall River, Mass. | 20 | 15 | 2 | 3 | 5 |  | - | Jacksonville, Fla. | 141 | 96 | 26 | 12 | 4 | 3 | 2 |
| Hartford, Conn. | 60 | 35 | 11 | 8 | 5 | 1 | 1 | Miami, Fla. | 117 | 76 | 21 | 12 | 7 | 1 | - |
| Lowell, Mass. | 20 | 14 | 4 | 2 | - |  | 1 | Norfolk, Va. | 48 | 30 | 10 | 5 | 2 | 1 | 1 |
| Lynn, Mass. | 7 | 4 | 2 | 1 | - |  | - | Richmond, Va. | 56 | 36 | 11 | 4 | 1 | 3 | 1 |
| New Bedford, Mass. | 20 | 16 | 3 | 1 | - |  | - | Savannah, Ga. | 51 | 35 | 12 |  | 2 | 2 | 10 |
| New Haven, Conn. | 35 | 25 | 5 | 4 | - | 1 | 2 | St. Petersburg, Fla. | 65 | 55 | 5 | 4 |  | 1 | 4 |
| Providence, R.I. | 60 | 48 | 8 | 2 | - | 2 | 1 | Tampa, Fla. | 142 | 107 | 22 | 7 | 5 | 1 | 4 |
| Somerville, Mass. | 7 | 6 | - | 1 | - |  |  | Washington, D.C. | 99 | 64 | 21 | 8 | 5 | 1 | 2 |
| Springfield, Mass. | 19 | 16 | 2 | 1 | - |  | 2 | Wilmington, Del. | 21 | 18 | 3 | - | - | - | - |
| Waterbury, Conn. | 19 | 17 | 2 | - | - | $\bar{\square}$ | 1 |  |  |  |  |  |  |  |  |
| Worcester, Mass. | 46 | 32 | 10 | 1 | 2 | 1 | 3 | E.S. CENTRAL Birmingham, Ala. | $\begin{aligned} & 795 \\ & 165 \end{aligned}$ | 521 | 161 32 | $\begin{aligned} & 63 \\ & 14 \end{aligned}$ | 29 5 | 19 | 50 |
| MID. ATLANTIC | 2,113 | 1,434 | 420 | 155 | 54 | 49 | 71 | Chattanooga, Tenn. | 71 | 51 | 12 | 3 | 3 | 2 | 8 |
| Albany, N.Y. | 53 | 38 | 9 | 1 | 3 | 2 | 4 | Knoxville, Tenn. | 83 | 56 | 20 | 5 | 1 | 1 | 4 |
| Allentown, Pa. | U | U | U | U | U | U | U | Lexington, Ky. | 58 | 35 | 15 | 5 | 2 | 1 | 9 |
| Buffalo, N.Y. | 86 | 61 | 15 | 6 | 4 | - | 2 | Memphis, Tenn. | 175 | 112 | 34 | 15 | 8 | 6 | 14 |
| Camden, N.J. | 27 | 18 | 3 | 2 | 2 | 2 | - | Mobile, Ala. | 101 | 59 | 30 | 6 | 6 | - | 1 |
| Elizabeth, N.J. | U | U | U | U | U | U | U | Montgomery, Ala. | 19 | 16 |  | 3 | - | - | 5 |
| Erie, Pa. | 48 | 37 | 9 | 1 | - | 1 | 2 | Nashville, Tenn. | 123 | 84 | 18 | 12 | 4 | 5 | 2 |
| Jersey City, N.J. | 47 | 33 | 12 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |
| New York City, N.Y. | 1,120 | 755 | 227 | 91 | 24 | 22 | 24 | W.S. CENTRAL Austin, Tex. | 1,460 88 | 949 58 | 299 | 131 7 | 48 | 33 | 89 5 |
| Newark, N.J. | U | U | U | U | U | U | U | Austin, Tex. Baton Rouge, La. | 88 54 | 58 36 | 6 | 7 | 3 4 | 1 | 5 5 |
| Paterson, N.J. | 22 | 15 | 5 | 2 |  |  |  | Baton Rouge, La. Corpus Christi, Tex. | 54 64 | 48 | 14 | 1 | 1 | 1 | 5 1 |
| Philadelphia, Pa. | 300 | 174 | 69 | 35 | 11 | 11 | 13 | Corpus Christi, Tex. Dallas, Tex. | 179 | 104 | 14 | 24 | 8 | 7 | 1 |
| Pittsburgh, Pa.§ | 92 | 56 | 23 | 3 | 4 | 6 | 7 | Dallas, Tex. | 179 58 | 104 43 | 36 6 | 24 4 | 3 | 2 | 6 4 |
| Reading, Pa. | 26 | 22 | 3 | 1 |  | 2 | 11 | Ft. Worth, Tex. | 138 | 92 | 24 | 17 | 1 | 2 | r 4 |
| Rochester, N.Y. | 132 | 101 | 22 | 5 | 2 | 2 | 11 | Ft. Worth, Tex. | 1327 | 211 | 74 | 26 | 11 | 5 | 15 |
| Schenectady, N.Y. | 16 | 16 |  |  |  | - | 3 | Houston, Tex. Little Rock, Ark. | 67 | 41 | 12 | 26 | 11 | 2 | 25 2 |
| Scranton, Pa. Syracuse, N.Y. | 30 83 | 26 | ${ }^{2}$ | 2 | 1 | $\overline{-}$ | 1 | New Orleans, La. | 70 | 41 | 15 | 10 | 2 | 2 | 7 |
| Syracuse, N.Y. Trenton, N.J. | 83 14 | 57 | 18 | 5 | 1 | 2 | 1 | San Antonio, Tex. | 229 | 145 | 54 |  | 8 |  | 12 |
| Trenton, N.J. | 14 | 10 | 1 |  | 2 | 1 | 1 | San Antonio, Tex. | $\begin{array}{r}229 \\ 80 \\ \hline\end{array}$ | 145 57 73 | 54 18 | 17 3 | 8 | 5 | 12 6 |
| Yonkers, N.Y. | U | U | U | U | U | U | U | Tulsa, Okla. | 108 | 73 | 20 | 8 | 2 | 5 | 1 |
| E.N. CENTRAL | 2,042 | 1,366 | 409 | 154 | 52 | 60 | 102 | MOUNTAIN | 835 | 557 | 174 | 63 | 24 | 17 | 55 |
| Akron, Ohio | 35 | 27 | 6 | - | 2 | - | 1 | Albuquerque, N.M. | 106 | 66 | 25 | 8 | 7 | - | 2 |
| Canton, Ohio | 46 | 36 | 6 | 4 | - | - | 2 | Boise, Idaho | 32 | 20 | 9 | 2 | - | 1 | 1 |
| Chicago, III. | 427 | 255 | 103 | 44 | 14 | 10 | 26 | Colo. Springs, Colo. | 55 | 42 | 5 | 4 | 1 | 3 | 4 |
| Cincinnati, Ohio | 85 | 57 | 14 | 8 | 2 | 4 | 6 | Denver, Colo. | 91 | 55 | 19 | 8 | 7 | 2 | 5 |
| Cleveland, Ohio | 121 | 80 | 31 | 5 | 2 | 3 | 2 | Las Vegas, Nev. | 202 | 136 | 47 | 15 | 2 | 2 | 17 |
| Columbus, Ohio | 171 | 105 | 49 | 8 | 5 | 4 | 8 | Ogden, Utah | 25 | 19 |  | 3 | 1 | 1 | 6 |
| Dayton, Ohio | 117 | 89 | 20 | 5 | 1 | 2 | 8 | Phoenix, Ariz. | 62 | 40 | 9 | 9 | 2 | 2 | 4 |
| Detroit, Mich. | 203 | 106 | 47 | 24 | 11 | 15 | 6 | Pueblo, Colo. | 26 | 19 | 4 |  |  | - | 2 |
| Evansville, Ind. | 43 | 39 | 2 | 2 |  |  | 1 | Salt Lake City, Utah | 104 | 71 | 21 | 6 | 2 | 4 | 9 |
| Fort Wayne, Ind. | 72 | 55 | 10 | 5 | 2 |  | 2 | Tucson, Ariz. | 132 | 89 | 34 | 6 | 1 | 2 | 5 |
| Gary, Ind. | 20 | 5 | 5 | 8 | 2 | $\overline{-}$ |  | PACIFIC | 1,615 | 1,130 | 292 | 110 | 38 | 45 | 134 |
| Grand Rapids, Mich. | 46 | 37 | 6 | 1 |  | 2 | 6 | Berkeley, Calif. | 1,611 | , 8 | 2 | 110 | 3 | 1 | 134 |
| Indianapolis, Ind. | 211 | 148 | 36 | 14 | 3 | 10 | 7 | Fresno, Calif. | 98 | 75 | 16 | 2 | 4 | 1 | 9 |
| Lansing, Mich. | 45 | 33 | 10 | 1 | 1 | - | 4 | Glendale, Calif. | 27 | 21 | 4 | 2 | - | - | 2 |
| Milwaukee, Wis. | 100 | 63 | 23 | 8 | 3 | 3 | 6 | Honolulu, Hawaii | 67 | 52 | 10 | 1 | 2 | 2 | 2 |
| Peoria, III. | 62 | 47 | 8 | 4 | 1 | 3 | 6 | Long Beach, Calif. | 72 | 50 | 15 | 4 | - | 3 | 6 |
| Rockford, III. | 42 | 31 | 6 | 4 | 1 | - | 3 | Los Angeles, Calif. | 424 | 288 | 74 | 40 | 11 | 11 | 33 |
| South Bend, Ind. | 55 | 43 | 10 | 1 | 1 | $\overline{-}$ | 2 | Pasadena, Calif. | 31 | 22 | 6 | 2 | - | 1 | 2 |
| Toledo, Ohio | 82 | 64 | 8 | 6 | 1 | 3 | 6 | Portland, Oreg. | 130 | 97 | 19 | 8 | 2 | 4 | 9 |
| Youngstown, Ohio | 59 | 46 | 9 | 2 | 1 | 1 | - | Sacramento, Calif. | 176 | 122 | 35 | 5 | 6 | 8 | 29 |
| W.N. CENTRAL | 521 | 358 | 105 | 33 | 13 | 12 | 27 | San Diego, Calif. | 135 | 88 | 30 | 10 | 2 | 5 | 9 |
| Des Moines, lowa | 75 | 54 | 13 | 3 | 3 | 2 | 8 | San Francisco, Calif. | U | U | U | U | U | U | U |
| Duluth, Minn. | 26 | 23 | 2 | - |  | 1 | 4 | San Jose, Calif. | 153 | 107 | 25 | 14 | 4 | 3 | 16 |
| Kansas City, Kans. | U | U | U | U | U | U | U | Santa Cruz, Calif. | 21 | 13 | 6 | 2 | 5 | - | 2 |
| Kansas City, Mo. | 93 | 57 | 22 | 9 | 3 | , | 3 | Seattle, Wash. | 122 64 | 76 | 22 | 15 | 5 | 4 | 3 |
| Lincoln, Nebr. | 27 | 21 | 4 | 1 | 1 | - | 2 |  |  |  |  |  | 2 | 2 |  |
| Minneapolis, Minn. | 156 | 107 | 33 | 9 | 3 | 4 | 8 | Tacoma, Wash. | 84 | 60 | 19 | 3 | 2 | - | 6 |
| Omaha, Nebr. | U | U | U | U | U | U | U | TOTAL | 10,981 ${ }^{\text {T}}$ | 7,409 | 2,139 | 850 | 310 | 268 | 605 |
| St. Louis, Mo. | 84 | 49 | 22 | 8 | 3 | 2 | - |  |  |  |  |  |  |  |  |
| St. Paul, Minn. | 60 | 47 | 9 | 3 |  | 1 | 2 |  |  |  |  |  |  |  |  |
| Wichita, Kans. | U | U | U | U | U | U | U |  |  |  |  |  |  |  |  |

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 or more. 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.
${ }_{\$}^{\dagger}$ 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.
TTotal includes unknown ages.

## Influenza A Infection - Continued

industry, is working to implement surveillance for ILI among travelers and tourism workers for the remainder of the Alaska/Yukon Territory tourist season.

In the United States and Canada, health-care providers evaluating patients with febrile respiratory illnesses or pneumonia should obtain a travel history and consider influenza $A$ in their differential diagnosis. Additional information about this outbreak is available on the CDC World-Wide Web sites, http://www.cdc.gov/travel/index.htm and http://www.cdc.gov/ncidod/diseases/flu/fluvirus.htm.

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[^0]:    *Bangladesh, Bhutan, Democratic People's Republic of Korea (DPR Korea), India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, and Thailand.
    ${ }^{\dagger}$ Routine measles vaccination provides services in a periodic, repetitive, and predictable manner at fixed sites and through mobile services in areas where fixed services are not available.
    §Poor, densely populated areas (e.g., urban and periurban slums) with low routine vaccination coverage ( $<80 \%$ ).

[^1]:    «AFP rate of $\geq 1$ per 100,000 children aged $<15$ years, and two stool samples collected in $\geq 80 \%$ of AFP cases.

[^2]:    -:no reported cases

    * Not notifiable in all states.
    ${ }_{\S}^{\dagger}$ Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).
    $\S$ 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 May 23, 1999.
    $\llbracket$ Updated from reports to the Division of STD Prevention, NCHSTP.

[^3]:    N : Not notifiable U: Unavailable $\quad-:$ no reported cases

