

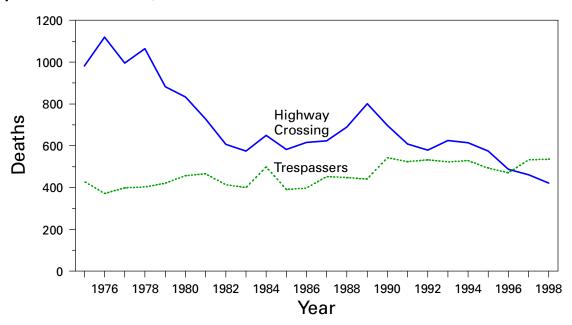


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Injuries Among Railroad Trespassers — Georgia, 1990–1996

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 In 1998, 513 persons were injured and 536 persons were killed while trespassing (Federal Railroad Administration, unpublished data, 1999).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.

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.

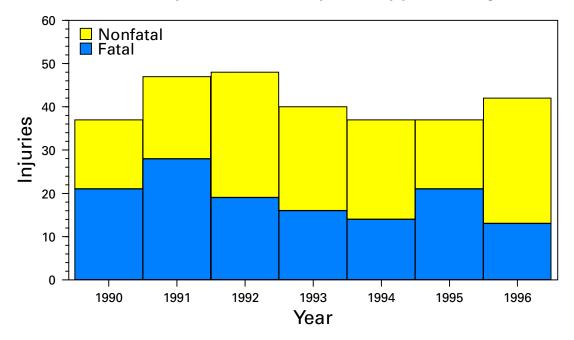
Study Results

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 ≥100 mg/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 ≥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

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 mg/dL. The median alcohol level among those who tested positive was 220 mg/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 Finkelstein, 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.

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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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 ≤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[†] 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[§] 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

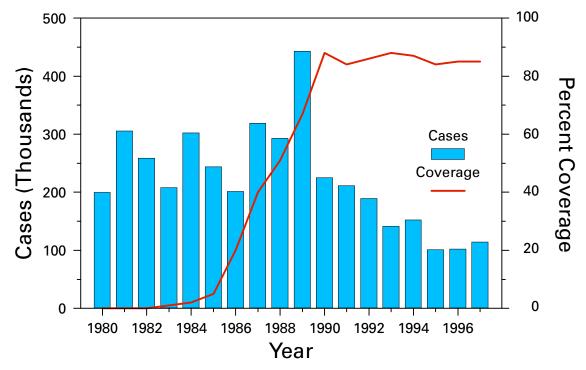
During 1990–1997 in SEAR, the number of reported measles cases and reported measles incidence decreased by 48% and 53%, respectively (Table 1). Indonesia, Myanmar, and Sri Lanka reported a substantial decrease in measles incidence rates,

^{*}Bangladesh, Bhutan, Democratic People's Republic of Korea (DPR Korea), India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, and Thailand.

[†]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%).

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 ≥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.

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

			Morbidi	ty						
		ported ses		Inciden	ce*	-	Reported vaccination coverage (%)			
Country	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 [†]	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§	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.

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

					Α	ge (yrs)	dist	ribution	b)				
Data			No.	<	<1		1–4		5–9		14	≥15	
source	Country	Year	cases	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Routine	Indonesia	1997	16,082	2,436	(15)	5,289	(33)	5,668	(35)*			2,689	(17)
reports	Sri Lanka	1997	64	7	(11)	14	(22)	43	(67)†				
•	Thailand	1997	15,122	5,212	(34)§			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.

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

[†] 1996 data; 1997 data were not available.

[§] Based on 1996 survey data (2); data for 1997 not available.

[†] Aged ≥5 years.

[§] Aged <5 years.

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 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.

[¶]AFP rate of ≥1 per 100,000 children aged <15 years, and two stool samples collected in ≥80% of AFP cases.

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.

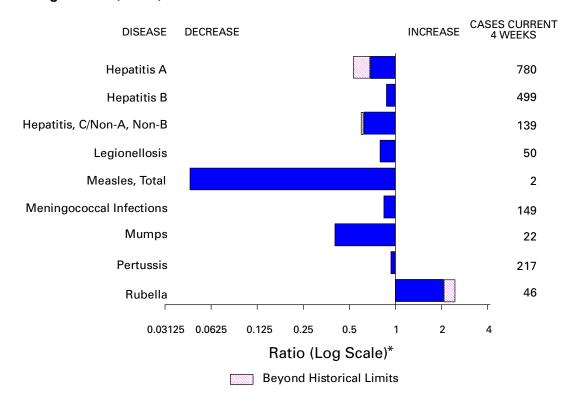
Editorial Note: Summer outbreaks of influenza A have been reported previously among tourists in the United States and Canada (1–3). In 1998, approximately 40,000 tourists and tourism workers were affected by an influenza outbreak in Alaska and the Yukon Territory (4). As with the 1998 summer outbreak 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 ≥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 ≥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 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

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

	Cum. 1999		Cum. 1999
Anthrax Brucellosis* Cholera Congenital rubella syndrome Cyclosporiasis* Diphtheria Encephalitis: California* eastern equine* St. Louis* western equine* Ehrlichiosis human granulocytic (HM Hansen Disease* Hantavirus pulmonary syndrome* Hemolytic uremic syndrome, post-dia	E)* 5 40 7	HIV infection, pediatric* Plague Poliomyelitis, paralytic Psittacosis* Rabies, human Rocky Mountain spotted fever (RMSF) Streptococcal disease, invasive Group A Streptococcal toxic-shock syndrome* Syphilis, congenital* Tetanus Toxic-shock syndrome Trichinosis Typhoid fever Yellow fever	73 1 14 124 1,109 22 75 9 60 5 133

^{-:} no reported cases

^{*}Not notifiable in all states.

^{*}Not notifiable in all states.

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

† Updated monthly from reports to the Division of HIV/AIDS Prevention–Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP), last update May 23, 1999.

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

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

							Escherichia coli O157:H7*			
	Al	IDS	Chla	mydia	Cryptosp	oridiosis	NET		PH	LIS
Reporting Area	Cum. 1999†	Cum. 1998	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998
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 N.H.	22 24	18 15	193 451	451 467	10 5	18 3	6 12	8 18	8	18
Vt.	6	10	235	187	6	9	9	4	2	4
Mass. R.I.	627 60	372 69	4,354 1,128	4,036 1,199	11	35 4	41 6	57 3	39 6	54 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. N.Y. City	531 2,110	853 3,669	N 17,606	N 12,842	54 22	175 96	36	48 7	3	6
N.J. Pa.	967 855	1,163	4,757	5,594	9	10	6	22 N	8	15
E.N. CENTRAL	1,289	959 1,744	11,449 39,936	10,613 47,151	10 57	99	N 120	156	60	3 125
Ohio	209	338	11,228	12,894	18	37	51	32	8	21
Ind. III.	169 594	323 693	4,974 13,376	5,145 12,449	9 11	20 27	17 28	48 47	13 12	25 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 Minn.	389 69	429 63	14,322 3,186	16,357 3,326	46 14	97 29	125 37	81 27	57 33	78 33
lowa	44	48	1,225	2,067	9	18	15	19	6	15
Mo. N. Dak.	154 4	210 4	5,099 325	5,728 482	6 4	8 14	14 3	12 1	13 -	20 5
S. Dak.	11	9	773	776	3	14	5	2	4	3
Nebr. Kans.	34 73	34 61	1,245 2,469	1,399 2,579	9 1	13 1	42 9	11 9	1	2
S. ATLANTIC	5,239	5,546	63,703	53,232	152	86	91	40	46	55
Del.	72	75	1,346	1,210	-	-	2	-	-	1
Md. D.C.	560 208	716 416	4,729 826	4,003 N	6 5	8 3	6	12 -	-	7 -
Va. W. Va.	266	424 50	6,963	5,248	7	1 1	26 4	3	17	22
N.C.	26 356	387	977 11,067	1,135 10,799	4	-	21	3 11	1 16	2 13
S.C. Ga.	485 826	352 615	8,635 15,198	9,004 11,689	- 81	- 26	11 6	1 8	3	1 -
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. Tenn.	128 339	126 299	3,333 6,696	2,983 6,222	2 4	5 6	14 23	13 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 Ark.	2,091 70	2,890 104	33,392 2,860	41,604 1,728	32	15 3	20 5	25 3	11 3	43 4
La.	410	507	7,726	6,429	21	6	3	- 5	3	2
Okla. Tex.	54 1,557	170 2,109	3,702 19,104	4,767 28,680	2 9	3 3	7 5	5 17	5 -	4 33
MOUNTAIN	723	815	15,433	15,305	37	63	49	76	27	57
Mont. Idaho	4 11	15 15	654 617	595 914	7 2	4 14	3 1	4 8	2	2 2
Wyo.	3	1	333	301	-	-	3	2	4	4
Colo. N. Mex.	144 37	146 129	3,614 1,731	3,943 1,830	4 15	2 26	20 3	19 9	12 1	15 6
Ariz.	355	327	6,116	5,140	7	10	8	13	4	11
Utah Nev.	70 99	65 117	908 1,460	1,071 1,511	2	1 6	9 2	15 6	2 2	10 7
PACIFIC	2,658	3,334	39,013	46,230	182	199	81	122	54	108
Wash. Oreg.	153 63	230 94	5,624 2,802	5,284 2,447	- 73	- 21	27 20	25 29	26 14	35 28
Calif.	2,394	2,931	28,716	36,455	109	177	34	66	13	41
Alaska Hawaii	6 42	12 67	873 998	931 1,113	-	- 1	-	2	- 1	- 4
Guam	1	-	149	1,113	-	-	N	N	-	-
P.R.	625	921	U	U	-	-	6	4	U	U
V.I. Amer. Samoa	13	17 -	N U	N U	-	-	N N	N N	U U	U U
C.N.M.I.	-	-	Ň	Ň	-	-	N	N	Ū	Ü

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).

†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)

	Gond	orrhea	Hepa C/N/		Legion	ellosis	Lyr Dise	
Reporting Area	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998
UNITED STATES	144,657	159,283	1,770	1,902	446	525	2,475	3,114
NEW ENGLAND	2,746 15	2,733	55 1	42	29 4	28 1	457	952 16
Maine N.H.	35	27 45	-	-	3	3	-	13
Vt. Mass.	26 1,218	13 966	2 49	2 39	4 9	1 13	242	4 221
R.I. Conn.	289 1,163	175 1,507	3	1 -	3 6	4 6	77 138	30 668
MID. ATLANTIC	18,708	17,272	79	113	93	118	1,519	1,641
Upstate N.Y. N.Y. City	2,893 7,494	3,217 5,774	50 -	55 -	26 7	30 25	714 6	750 65
N.J. Pa.	2,774 5,547	3,409 4,872	29	- 58	5 55	5 58	124 675	277 549
E.N. CENTRAL	26,216	31,165	961	273	125	180	48	165
Ohio Ind.	6,668 2,897	7,847 2,986	1	6 4	41 39	63 31	26 19	16 8
III. Mich.	9,481 7,170	10,134 7,480	10 368	26 237	10 32	22 32	2 1	5 8
Wis.	,,,, <u>u</u>	2,718	582	-	3	32	U	128
W.N. CENTRAL Minn.	5,783 1,182	7,779 1,176	65 2	18 5	22 1	30 3	38 13	29 9
lowa Mo.	306 2.625	661 4,167	- 56	5 6	11 7	5 8	10	10 6
N. Dak. S. Dak.	31 75	43 123	-	-	1	1	1	-
Nebr.	552	531	3	2	2	11	6	2
Kans. S. ATLANTIC	1,012 46,175	1,078 42,726	4 116	- 54	- 51	2 62	8 278	2 245
Del. Md.	799 4,135	649 4,584	28	5	4	7 14	9 190	15 180
D.C.	2,490	1,855	10	- 5	-	4 7	1	4
Va. W. Va.	4,498 268	2,882 385	12	4	13 N	N	18 7	20 5
N.C. S.C.	9,396 4,645	9,037 5,823	24 12	12 2	8 7	6 5	32 4	12 2
Ga. Fla.	10,003 9,941	9,516 7,995	1 29	9 17	13	2 16	- 17	2 5
E.S. CENTRAL	14,633	17,867	119	78	55	28	44	28
Ky. Tenn.	1,494 5,203	1,702 5,282	8 43	15 60	44 9	14 7	19 13	9 10
Ala. Miss.	4,293 3,643	6,139 4,744	1 67	3	2	3 4	6 6	9
W.S. CENTRAL	18,803	24,725	126	273	1	10	3	8
Ark. La.	1,402 6,054	1,907 5,274	3 100	10 10	1	1 1	1	5 -
Okla. Tex.	1,878 9,469	2,584 14,960	4 19	2 251	-	6 2	2	3
MOUNTAIN Mont.	4,295 21	4,028 23	72 4	247 4	27	30 1	6	3
Idaho	32	83	4	85	-	-	1	1
Wyo. Colo.	11 1,031	15 984	24 14	58 12	5	1 5	- -	- -
N. Mex. Ariz.	311 2,219	355 1,869	4 17	51 4	1 4	2 3	1 -	-
Utah Nev.	86 584	109 590	2 3	17 16	11 6	15 3	1 2	- 1
PACIFIC	7,298	10,988	177	804	43	39	82 2	43
Wash. Oreg.	990 400	899 330	8 7	10 10	9 N	4 N	2 3	1 8
Calif. Alaska	5,633 147	9,376 156	162	729 1	33 1	34	77 -	34
Hawaii	128	227	-	54	-	1	-	-
Guam P.R.	22 145	24 196	-	-	-	2	-	-
V.I. Amer. Samoa	U U	U U	U U	U U	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)

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

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

† 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)

	U :			epatitis (Vi	ral\ by tyr		Measles (Rubeola)						
		<i>uenzae,</i> sive		epatitis (vi A	rai), by typ		Indi	genous		orted*		tal	
Reporting Area	Cum. 1999 [†]	Cum. 1998	Cum. 1999	Cum. 1998	Cum. 1999	Cum. 1998	1999	Cum. 1999	1999	Cum. 1999	Cum. 1999	Cum. 1998	
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 N.H.	5 8	2 6	4 7	13 7	- 8	2 10	-	-	-	1	1	-	
Vt.	4	2	3	11	1	3	-	-	-	-	-	-	
Mass. R.I.	17 -	29 2	29 9	48 9	26 16	34 20	-	4	-	2	6 -	2	
Conn.	7	-	38	58	-	18	U	1	U	1	2	-	
MID. ATLANTIC Upstate N.Y.	83 47	87 27	500 121	825 155	383 98	619 116	-	-	-	2 2	2 2	11 2	
N.Y. City	13	27	82	305	89	212	-	-	-	-	-	-	
N.J. Pa.	23	28 5	57 240	157 208	40 156	106 185	U	-	U	-	-	8 1	
E.N. CENTRAL	83	94	1,494	1,499	292	474	_	1	_	_	1	15	
Ohio	35	34	366	172	45	35	-	-	-	-	-	1	
Ind. III.	14 27	22 34	96 220	89 370	27 -	52 127	-	1 -	-	-	1 -	3 -	
Mich.	7	-	786	750	219	214	-	-	-	-	-	10	
Wis. W.N. CENTRAL	48	4 39	26 362	118 841	1 240	46 203	U	-	U	-	-	1	
Minn.	13	25	362	60	19	16	-	-	-	-	-	-	
lowa Mo.	13 16	1 8	76 190	353 350	103 92	33 125	-	-	-	-	-	-	
N. Dak.	-	-	1	3	-	4	-	-	-	-	-	-	
S. Dak. Nebr.	1 3	-	8 30	8 14	1 10	1 9	-	-	-	-	-	-	
Kans.	2	5	24	53	15	15	-	-	-	-	-	-	
S. ATLANTIC	139	110	926	830	554	449	-	1	-	3	4	6	
Del. Md.	32	36	2 155	3 170	- 78	86	-	-	-	-	-	1 1	
D.C.	4	-	32	30	11	6	-	-	-	-	-	-	
Va. W. Va.	12 4	12 4	76 15	126 1	49 11	53 3	-	1 -	-	2	3	2	
N.C. S.C.	21 2	15 3	64 18	49 17	117 38	103 8	-	-	-	-	-	-	
Ga.	35	22	251	235	65	84	-	-	-	-	-	1	
Fla.	29	18	313	199	185	106	-	-	-	1	1	1	
E.S. CENTRAL Ky.	46 6	36 5	233 37	217 14	225 25	201 23	-	-	-	-	-	1	
Tenn.	25	22	121	122	108	138	-	-	-	-	-	-	
Ala. Miss.	13 2	7 2	36 39	44 37	47 45	40	Ū	-	Ū	-	-	1 -	
W.S. CENTRAL	33	30	1,306	1,950	291	980	-	1	-	2	3	-	
Ark. La.	1 7	13	26 59	39 41	25 72	47 47	- U	-	- U	-	-	-	
Okla.	23	15	250	280	60	31	-	-	-	-	-	-	
Tex.	2	2	971	1,590	134	855	-	1	-	2	3	-	
MOUNTAIN Mont.	60 1	77 -	726 12	1,652 51	312 15	416 3	1 -	2	-	-	2	-	
ldaho	1	-	27	134	16	17	-	-	-	-	-	-	
Wyo. Colo.	1 9	- 14	4 126	23 125	5 43	2 52	U -	-	U	-	-	-	
N. Mex. Ariz.	13 29	4 39	28 442	83 1,008	108 80	154 102	-	- 1	-	-	- 1	-	
Utah	4	3	25	1,008	17	38	1	1	-	-	1	-	
Nev.	2	17	62	115	28	48	-	-	-	-	-	-	
PACIFIC Wash.	63 2	73 3	1,808 149	2,993 567	727 32	885 52	-	18 -	-	2	20	5 1	
Oreg.	25	30	137	233	49	88	-	8	-	-	8	-	
Calif. Alaska	30 4	33 1	1,512 3	2,150 14	631 9	731 7	Ū	10 -	Ū	2	12 -	4	
Hawaii	2	6	7	29	6	7	-	-	-	-	-	-	
Guam	-	-	2	-	2	2	U	1	U	-	1	-	
P.R. V.I.	1 U	2 U	80 U	31 U	76 U	277 U	Ū	Ū	Ū	Ū	Ū	Ū	
Amer. Samoa C.N.M.I.	U -	U -	U	U 1	U -	U 34	U	U -	U	U -	U -	U -	

N: Not notifiable

U: Unavailable

^{-:} no reported cases

^{*}For imported measles, cases include only those resulting from importation from other countries.

[†]Of 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)

		ococcal ease		Mumps	1550 (23(11 4)	Pertussis			Rubella	
Reporting Area	Cum. 1999	Cum. 1998	1999	Cum. 1999	Cum. 1998	1999	Cum. 1999	Cum. 1998	1999	Cum. 1999	Cum. 1998
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 N.H.	4 10	4 8	-	- 1	-	-	53	5 34	-	-	-
Vt.	4	1	-	-	-	-	9	38	-	-	-
Mass. R.I.	43 2	30 3	-	2	1 -	1 5	174 8	339 3	-	6	8 -
Conn.	7	23	U	-	-	Ú	8	13	U	-	28
MID. ATLANTIC Upstate N.Y.	115 33	162 42	-	21 5	168 2	4 4	568 495	285 138	2 2	17 13	131 108
N.Y. City	27	19	-	3	153	-	10	14	-	-	10
N.J. Pa.	23 32	39 62	U	13	5 8	U	12 51	8 125	U	1 3	12 1
E.N. CENTRAL	204	243	1	23	47	8	207	218	1	1	-
Ohio	91	82	-	7	19	2	107	71	-	-	-
Ind. III.	36 50	43 68	1 -	3 6	4 7	3 3	14 38	53 24	1 -	1 -	-
Mich. Wis.	26 1	26 24	- U	7	17 -	Ū	21 27	32 38	- U	-	-
W.N. CENTRAL	151	126	-	- 5	20	3	65	174	-	71	- 27
Minn.	30	19	-	1	10	-	25	100	-	-	-
lowa Mo.	28 59	18 52	-	3 1	6 3	1 -	20 15	43 13	-	21 2	2
N. Dak.	3	-	-	-	1	-	-	-	-	-	-
S. Dak. Nebr.	8 9	6 7	-	-	-	2	4 1	4 6	-	48	-
Kans.	14	24	-	-	-	-	-	8	-	-	25
S. ATLANTIC Del.	223 3	241 1	1 -	36	25	6	142	122 1	-	17 -	6
Md.	33	22	-	3	-	2	38	27	-	1	-
D.C. Va.	1 26	23	-	2 8	4	-	13	1 6	-	-	-
W. Va. N.C.	4 26	9 35	- 1	- 8	- 8	2	1 35	1 44	-	- 16	- 5
S.C.	27	39	-	3	4	-	9	15	-	-	-
Ga. Fla.	39 64	55 57	-	2 10	1 8	2	16 30	6 21	-	-	- 1
E.S. CENTRAL	108	116	_	1	8	-	43	51	-	1	-
Ky. Tenn.	29 38	16 41	-	-	- 1	-	3 25	18 17	-	-	-
Ala.	24	40	-	1	4	-	11	14	-	1	-
Miss.	17	19	U	-	3	U	4	2	U	-	-
W.S. CENTRAL Ark.	93 20	183 22	-	21	32	-	61 6	145 15	-	5 -	69
La.	34	35 26	U	3	2	U	3 7	1 15	U	-	-
Okla. Tex.	16 23	100	-	1 17	30	-	45	114	-	5	69
MOUNTAIN	88	84	-	12	23	3	245	481	-	14	5
Mont. Idaho	2 8	3 4	-	- 1	3	-	2 93	1 184	-	-	-
Wyo.	3	3	U	-	1	U	2	7	U	-	-
Colo. N. Mex.	23 11	17 15	- N	3 N	3 N	3	60 24	115 64	-	-	1
Ariz. Utah	28 8	29 8	-	- 5	4 3	-	29 33	69 23	-	13	1 2
Nev.	5	5	-	3	9	-	2	18	-	1	1
PACIFIC	249	324	-	53	74	20	879	435	-	3	13
Wash. Oreg.	37 42	41 54	N	2 N	5 N	20	499 17	139 29	-	-	9
Calif. Alaska	162 4	224 1	Ū	45 1	53 2	Ū	353 3	260 2	Ū	3	2
Hawaii	4	4	-	5	14	-	7	5	-	-	2
Guam	<u>-</u>	2	U	1	2	Ų	1	Ē	U	-	-
P.R. V.I.	5 U	6 U	Ū	Ū	1 U	1 U	9 U	2 U	Ū	Ū	Ū
Amer. Samoa	Ü	U	U	U	U	U	Ū	U	U	U	Ü
C.N.M.I.	-	-	U	-	2	U	-	1	U	-	

N: Not notifiable

U: Unavailable

-: no reported cases

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

		All Cau	ises Ri	/ Age (Y				J (ZJIII VVEEK)	1	All Cau	714 198 97 38 21 U U U U U U 145 49 32 10 3 52 18 13 2 5 96 26 12 4 3 76 21 12 7 1 30 10 5 2 1 36 11 4 1 3 355 12 - 2 2 55 5 4 - 1 107 22 7 5 1 64 21 8 5 1 18 3 521 161 63 29 19 151 12 3 3 2 2 56 20 5 1 1 18 3 521 161 63 32 14 5 4 51 12 34 15 8 6 59 30 6 6 6 - 1 112 34 15 8 6 59 30 6 6 6 - 1 112 34 15 8 6 59 30 6 6 6 - 1 112 34 15 8 6 59 30 6 6 7 4 5 112 34 15 8 6 59 30 6 6 7 3 3 - 3 56 6 7 4 1 1 104 36 24 8 7 43 6 4 3 2 2 211 74 26 11 5 41 12 7 5 2 211 74 26 11 5 57 18 3 - 2 73 20 8 2 5 557 174 63 24 17 12 21 7 5 2 141 15 10 2 2 141 15 10 2 2 141 15 54 17 8 5 57 18 3 - 2 73 20 8 2 5 557 174 63 24 17 52 19 1 3 1 1 40 9 9 2 2 - 1 42 5 4 1 3 55 19 8 7 - 2 20 9 2 1 10 38 45 57 18 2 1 3 58 20 - 1 142 5 4 1 3 55 19 8 7 - 2 20 9 2 2 - 1 42 5 4 1 3 55 19 8 7 - 2 20 9 2 2 - 1 42 5 4 1 3 55 19 8 7 - 2 21 9 4 2 1 2 52 10 1 2 2 11 4 2 2 2 52 10 1 2 2 19 4 2 1 2 52 10 1 2 2 19 4 2 1 2 52 10 1 1 2 2 53 5 6 8 8 88 30 10 2 5 588 74 40 11 11 22 6 2 1 77 25 14 4 3 13 6 2 1 75 16 2 4 1 21 4 2 3 288 74 40 11 11 29 79 9 8 72 2 19 71 21 6 2 4 1 21 4 2 3 288 74 40 11 11 29 79 9 8 72 2 19 71 21 6 2 4 1 21 4 2 2 1 52 10 1 2 2 5 5 6 8 88 30 10 2 5 5 57 6 8 8 88 30 10 2 5 5 57 6 8 8 88 30 10 2 5 5 57 6 8 8 88 30 10 2 5 5 57 6 8 8 88 30 10 2 5 5 57 6 8 8 88 30 10 2 5 5 57 6 8 8 58 30 10 2 5 5 57 6 8 8 58 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 6 8 8 58 8 30 10 2 5 5 57 7 7 9 8 7 5 57 14 4 4 3 3 13 6 7 5 7 5 7 5 57 14 4 4 3 3 13 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				
Reporting Area	All Ages	>65	45-64	25-44	1-24	<1	P&I [†] Total	Reporting Area	All Ages	>65				<1	P&l [†] Total
NEW ENGLAND Boston, Mass. Bridgeport, Conn. Cambridge, Mass. Fall River, Mass. Hartford, Conn. Lowell, Mass. Lynn, Mass. New Bedford, Mass. New Haven, Conn. Providence, R.I. Somerville, Mass. Springfield, Mass.	35 60 7 19	380 115 18 19 15 35 14 4 16 25 48 6	26 4 2 2 11 4 2 3 5 8	44 17 3 - 3 8 2 1 1 4 2 1	14 6 1 - 5 - - - -	12 7 - 1 - 1 2	27 14 - 2 - 1 1 - - 2 1	S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C. Jacksonville, Fla. Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, Fla. Tampa, Fla. Washington, D.C. Wilmington, Del.	1,069 U 239 90 141 117 48 56 51 65 142 99 21	U 145 52 96 76 30 36 35 55 107 64	U 49 18 26 21 10 11 12 5 22 21	U 32 13 12 12 5 4 - 4 7	U 10 2 4 7 2 1 2 5 5	U 3 5 3 1 1 3 2 1 1 1	50 U 19 7 2 1 1 10 4 4 2
Waterbury, Conn. Worcester, Mass. MID. ATLANTIC Albany, N.Y. Allentown, Pa. Buffalo, N.Y. Camden, N.J. Elizabeth, N.J. Erie, Pa. Jersey City, N.J. New York City, N.Y. Newark, N.J. Paterson, N.J. Philadelphia, Pa. Pittsburgh, Pa.§ Reading, Pa. Rochester, N.Y. Schenectady, N.Y. Scranton, Pa. Syracuse, N.Y. Trenton, N.J. Utica, N.Y. Yonkers, N.Y.	19 46 2,113 53 U 86 27 27 48 47 1,120 22 300 92 26 132 16 30 83 14 17 U U	17 32 1,434 38 U 61 18 37 33 7555 174 56 22 101 16 57 10 10 57	10 420 9 U 15 3 U 9 12 227 U 5 69 23 3 22 18 1	155 1 U 6 2 U 1 1 91 U 2 355 3 1 5 - 2 5 - U	54 3 U 4 2 U 1 11 4 2 C 11 2 C	1 49 2 U - 2 U 1 - 22 U - 11 6 - 2 1 . U	1 3 71 4 U 2 - U 2 - 24 U - 13 7 11 11 11 11 11 11	E.S. CENTRAL Birmingham, Ala. Chattanooga, Tenn. Knoxville, Tenn. Lexington, Ky. Memphis, Tenn. Mobile, Ala. Montgomery, Ala. Nashville, Tenn. W.S. CENTRAL Austin, Tex. Baton Rouge, La. Corpus Christi, Tex. Dallas, Tex. El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark. New Orleans, La. San Antonio, Tex. Shreveport, La. Tulsa, Okla.	83 58 175 101 19 123 1,460 88 54	108 51 56 35 112 59 16 84 949 58 36 48 104 43 92 211 41 41 145 57	32 12 20 15 34 30 18 299 20 6 14 36 6 24 74 12 15 54 18	14 35 55 15 63 12 131 7 7 1 24 4 17 26 7 10 17 3	5 3 1 2 8 6 · 4 48 3 4 1 8 3 1 11 5 2 8 ·	4 2 1 1 6 · · · 5 33 · 1 · 7 2 2 5 2 2 5 2	50 7 8 4 9 14 15 2 89 5 5 1 6 4 4 5 2 7 12 6 12 12 12 12 12 12 12 12 12 12 12 12 12
E.N. CENTRAL Akron, Ohio Canton, Ohio Chicago, III. Cincinnati, Ohio Cleveland, Ohio Columbus, Ohio Dayton, Ohio Detroit, Mich. Evansville, Ind. Fort Wayne, Ind. Gary, Ind. Grand Rapids, Mich	2,042 35 46 427 85 121 171 117 203 43 72 20	1,366 27 36 255 57 80 105 89 106 39 55 5	6 103 14 31 49 20 47 2 10 5	154 4 44 8 5 8 5 24 2 5 8	52 2 14 2 5 1 11 -	60 - 10 4 3 4 2 15 -	102 1 2 26 6 2 8 8 6 1 2	MOUNTAIN Albuquerque, N.M. Boise, Idaho Colo. Springs, Colo Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo. Salt Lake City, Utah Tucson, Ariz. PACIFIC	91 202 25 62 26 104 132 1,615	66 20 42 55 136 19 40 19 71 89	25 9 5 19 47 1 9 4 21 34 292	8 2 4 8 15 3 9 2 6 6	7 1 7 2 1 2 1 2	1 3 2 2 1 2 4 2	55 2 1 4 5 17 6 4 2 9 5
Indianapolis, Ind. Lansing, Mich. Milwaukee, Wis. Peoria, Ill. Rockford, Ill. South Bend, Ind. Toledo, Ohio Youngstown, Ohio W.N. CENTRAL Des Moines, Iowa Duluth, Minn. Kansas City, Kans. Kansas City, Kans. Kansas City, Mo. Lincoln, Nebr. Minneapolis, Minn. Omaha, Nebr. St. Louis, Mo. St. Paul, Minn. Wichita, Kans.	211 45 100 62 42 55 82 59 521 75 26 U 93 27	378 333 633 477 311 433 644 466 3588 544 233 U 577 211 1077 U 49 47 U	36 10 23 8 6 10 8 9 105 13 2 U 22 4 33 U 22 9	14 11 84 41 62 33 33 U911 9U83U	3 1 3 1 1 1 1 3 3 1 3 0 3 1 3 0 3	10 - 3 3 3 - 3 1 12 2 1 U 2 1 U 2 1 U	7 4 6 6 3 2 6 · 27 8 4 U 3 2 8 U · 2 U	Berkeley, Calif. Fresno, Calif. Glendale, Calif. Honolulu, Hawaii Long Beach, Calif. Los Angeles, Calif. Pasadena, Calif. Portland, Oreg. Sacramento, Calif. San Diego, Calif. San Jose, Calif. Sant Jose, Calif. Sant Cruz, Calif. Seattle, Wash. Spokane, Wash. Tacoma, Wash.	11 98 27 67 72 424 31 130 176 135 f. U 153 21 122 64 84	75 21 52 50 288 22 97 122 88 U 107 13 76 51	16 4 10 15 74 6 19 35 30 U 25 6 22 9	2 1 4 40 2 8 5 10 U 14 2 15	11 2 6 2 U 4	1 2 3 11 1 4 8 5 U 3	92 2 6 33 2 9 9 U 16 2 3 6 6 6 605

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.

†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.

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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