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Missed Opportunities for Prevention of Tuberculosis Among Persons With HIV Infection — Selected Locations, United States, 1996–1997

Public health contact investigations are conducted to find persons who have been exposed to patients with active tuberculosis (TB) and to evaluate and treat those contacts for TB infection and active TB. Persons in close (i.e., prolonged, frequent, or intense) contact with patients with active TB are at high risk for TB infection. The risk for TB infection is increased greatly if the close contact is infected with human immunodeficiency virus (HIV) (1,2). Isoniazid (INH) treatment for latent TB infection (LTBI) reduces the risk for developing active TB by 41%–92% (1). This study examined the clinic records of TB programs to determine whether these programs used recommended practices to manage HIV-positive persons exposed to TB (3–8). The study suggests TB programs need to review their contact investigation policies, procedures, and outcomes to reduce missed opportunities for preventing active TB among HIV-positive close contacts.

Study investigators collected data during June 1998–January 1999 site visits. Eleven U.S. urban areas were selected by the highest number of contacts completing LTBI treatment. After case reports were linked to personal identifiers, study staff reviewed the clinic records for 6225 close contacts to 1080 sputum-smear–positive TB patients reported to CDC during July 1996–June 1997.

Of the 6225 close contacts, HIV status was unknown for 5415 (87%). Of the 810 close contacts with known HIV status, 109 (13%) were HIV-infected, of whom 79 (72%) received a chest radiograph; 14 (13%) had TB symptoms (e.g., cough, night sweats, and weight loss); 90 (83%) received an initial tuberculin skin test (TST); and nine (8%) did not receive a chest radiograph or an initial TST. Forty (53%) of 75 TST-negative contacts did not receive follow-up TSTs; 21 (28%) received neither a follow-up TST nor a chest radiograph. Fourteen (13%) of 109 HIV-positive contacts were identified as having active TB compared with 120 (2%) of 6116 HIV-negative contacts or contacts with unknown HIV status. HIV-infected close contacts were less likely to be TST-positive than HIV-negative contacts or contacts with unknown HIV status (14% and 36%, respectively).

Among 95 HIV-infected contacts without active TB, 11 (92%) of 12 TST-positive contacts were placed on LTBI treatment compared with 19 (23%) of 83 TST-negative or TST-unknown contacts. A median of 50 days passed before starting an HIV-positive contact on LTBI treatment compared with 33 days for HIV-negative contacts or contacts with unknown HIV status. TB programs employing public health nurses to conduct investigations placed 11 (92%) of 12 TST-negative or TST-unknown contacts on LTBI

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treatment compared with eight (11%) of 71 at programs that employ TB outreach workers.

Of the 30 HIV-positive contacts started on LTBI treatment, approximately half (14) completed treatment. Directly observed treatment (DOT) for LTBI was given to three HIV-positive contacts; two completed treatment. During the course of LTBI treatment, 10 HIV-infected contacts had interruptions of >1 month (when treatment was self-administered) or >2 weeks (when placed on DOT); three of the 10 completed treatment. Of 16 HIV-positive close contacts who did not complete treatment, six (38%) refused or were unwilling to continue treatment, two (12%) were lost to follow-up, one (6%) had alcoholism, one (6%) could not tolerate medication, and six (38%) had undocumented reasons.

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Editorial Note: The study showed that few close contacts were assessed for HIV and that one quarter of those known to be HIV-infected were not screened completely for TB. Of eligible HIV-positive contacts, a third started and a sixth completed LTBI treatment. Because HIV positivity alters the approach to TB screening and the use of LTBI treatment, early knowledge by the health-care provider of a close contact's HIV status is essential. Active TB is curable and can be prevented in HIV-positive contacts when health-care providers know a close contact's HIV status and follow CDC guidelines for TB screening and treatment and facilitate adherence to TB treatment.

Health-care providers should assess all close contacts for HIV infection by asking about their serostatus and offering voluntary HIV counseling and testing when the status is unknown (8). TB staff should be trained to offer HIV counseling and testing to close contacts or should collaborate with HIV programs to offer these services. The use of rapid diagnostic tests may facilitate timely assessment of HIV status. All HIV-positive close contacts should be evaluated for active TB by medical history, symptom screening, and chest radiograph, and those with an abnormal chest radiograph or symptoms should receive a sputum examination (5). HIV-positive close contacts should receive an initial TST regardless of previous TST results (5); those with initial TST-negative reactions should receive a follow-up TST 10-12 weeks after last exposure to the patient with active TB (4). As soon as active TB is excluded, LTBI treatment should begin for all HIV-infected close contacts regardless of age, TST results, or history of previous LTBI treatment (5). Most HIV-positive close contacts should complete a full course of LTBI treatment (9). Because the HIV-positive population is less likely to react to TST and more likely to have atypical chest radiographs, health-care providers need to be diligent in diagnosing TB infection and active TB. Two treatment regimens, 9 months of INH (to be taken with pyridoxine to prevent peripheral neuropathy) or 2 months of daily rifampin (or rifabutin for those taking protease inhibitors or certain nonnucleoside reverse transcriptase inhibitors) and pyrazinamide, are preferred for the treatment of HIV-positive persons with LTBI (10). The use of 2-month LTBI regimens for HIV-infected adults may facilitate treatment implementation and increase completion rates (10). However, INH is the only recommended regimen for children and pregnant women (5).

The findings in this study are subject to at least three limitations. First, because the study relied on existing clinic records, documentation of HIV status often was incomplete

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or nonexistent. Laws restricting the recording of HIV status in databases may have affected such documentation. Second, the timing of health-care provider knowledge of HIV status and chest radiograph results was unknown because these dates were not collected and often were not recorded. Third, this study was designed to represent urban TB programs not rural programs or programs not using LTBI treatment.

These findings indicate a need for better incorporation of HIV assessment into contact investigation procedures and improved coordination between local TB and HIV programs to facilitate voluntary HIV counseling, testing, and follow-up for HIV-infected close contacts. Health-care providers and HIV-infected persons should be aware of optimal management of close contacts and of the benefits of prompt and well-supervised LTBI treatment to prevent active TB.

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Assessment of Infectious Disease Surveillance — Uganda, 2000

In 1998, member states of the African region of the World Health Organization (WHO-AFRO) adopted the integrated disease surveillance (IDS) strategy to strengthen national infectious disease surveillance systems (1). The first step of the IDS strategy is to assess infectious disease surveillance systems. This report describes the results of the assessment of these systems of the Uganda Ministry of Health (UMoH) and indicates that additional efforts are needed to develop the basic elements of an effective surveillance system.

In February 2000, UMoH, Makerere University Institute of Public Health, WHO, and CDC performed a cross-sectional survey to determine the performance and support of infectious disease surveillance systems conducted by UMoH at health facilities (e.g., dispensaries, health centers, and hospitals) and district health offices. The six systems assessed were the Health Management Information System, the Weekly Epidemiological Report, Tuberculosis/Leprosy, HIV/AIDS, Polio/Acute Flaccid Paralysis, and Guinea

Worm Eradication.

The assessment covered 52 (3%) of 1639 health facilities and eight (18%) of the 45 district health offices (two in each of the four geographic zones of Uganda). The districts were selected by UMoH on the basis of timeliness of reporting. Three or four health facilities were selected randomly within each district. Performance was measured using surveillance indicators (i.e., detection, registration, and confirmation of casepatients; reporting; data analysis and use; and epidemic preparedness and response) and infrastructural and managerial support (i.e., feedback, performance reviews, training, and resources) of surveillance activities using a protocol developed by WHO-AFRO with support from CDC (2).

Health Facilities

Outpatient clinic registers were present in 48 (92%) of the 52 health facilities and were filled out correctly in 29 (56%) (Table 1). Eighteen (35%) health facilities had the official standardized case definition booklet and an adequate supply of reporting forms during the 6 months before the assessment. The monthly report for the number of casepatients seen at a health facility for a selected disease (e.g., malaria or measles) was in agreement with the clinic register in 15 (29%) of the health facilities. Of the 52 health facilities, 27 (51%) had the laboratory capacity to confirm a diagnosis of malaria, 23 (44%) to confirm tuberculosis, and 11 (21%) to confirm meningococcal meningitis;

TABLE 1. Indicators of performance and support of infectious disease surveillance activities at health facilities* — Uganda, 2000

Indicator	No.	(%)
Case detection, registration, and reporting		
Outpatient clinic register	48	(92)
Register correctly filled out	29	(56)
Official standardized case definitions	18	(35)
Adequate supply of reporting forms during preceding 6 months	18	(35)
Monthly report agreed with clinic register	15	(29)
Ability to confirm cases		
Malaria	27	(51)
Tuberculosis	23	(44)
Meningococcal meningitis	11	(21)
Cholera	0	(0)
Shigellosis	0	(0)
Data analysis and use		
Prepared line graphs or trend line of cases	5	(10)
Had a threshold for action for epidemic-prone diseases	14	(27)
Had conducted community prevention and control measures	26	(50)
Had a report of a communitywide public intervention	8	(15)
Feedback, supervision, and training		
Received feedback at least once during preceding 6 months	8	(15)
Received performance review at least once during preceding 6 months	11	(32)
Received training on use of surveillance forms	32	(62)
Resources available		
Stationery	39	(75)
Calculator	40	(77)
Telephone service	14	(27)
Radio-call	7	(14)

^{*}N=52 health facilities (e.g., dispensaries, health centers, and hospitals) surveyed.

none of the facilities had the capacity to confirm shigellosis or cholera.

Five (10%) health facilities analyzed data for trends, and 14 (27%) had thresholds for action in response to surveillance data for epidemic-prone diseases. Communitywide prevention and control measures had been conducted at 26 (50%) of the health facilities during the 12 months before the assessment, and reports of this intervention were available in eight (15%).

During the 6 months before the assessment, most surveillance activities conducted by health facilities had neither received a performance review (68%) nor received feedback (85%) from the district or national levels. Respondents at 32 (62%) health facilities had received training in the use of surveillance forms. Most health facilities had calculators (77%) and stationery (75%), and few had telephones (27%) or radio-call facilities (14%).

District Health Offices

Seven of the eight districts had the capacity to transport specimens to a higher-level laboratory for confirmation (Table 2). Four had an adequate supply of monthly reporting forms during the 6 months before the assessment. Six districts prepared trend lines of cases and described data by place, and three calculated disease rates. Seven districts had a functional epidemic preparedness committee, three had a written plan for epidemic preparedness, and two responded within 48 hours of notification of the most recent epidemic in their district. Health personnel in four of the districts had investigated an outbreak during the 12 months before the assessment. Seven districts had implemented community prevention and control measures during the 12 months before the assessment.

Three districts had received a surveillance bulletin during the 12 months before the assessment, and two had received a performance review during the preceding 6 months. All districts had personnel trained in surveillance (including for acute flaccid paralysis surveillance), and seven had personnel trained in data management. All districts had vehicles and telephone services; seven had computers and radio-call facilities.

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Editorial Note: The findings in this report indicate that health facilities in Uganda lack standard case definitions and capacity to confirm priority diseases. District health offices had adequate resources but lacked epidemic preparedness and rapid response capacity. Neither health facilities nor district health offices received regular performance reviews.

Public health surveillance includes the ongoing systematic collection, analysis, and interpretation of health data with the subsequent transformation of the data into information to direct public health action (3,4). At health facilities, infectious disease surveillance systems require standardized case definitions, adequate laboratory support for disease confirmation, routine methods for reporting and feedback, and ongoing data analysis to detect and facilitate response to diseases. Health facilities also require support from higher levels for performance reviews, training, and the provision of resources

TABLE 2. Indicators of performance and support of infectious disease surveillance activities at district health offices* — Uganda, 2000

Indicator	No.	(%)
Case confirmation and reporting		
Had capacity to transport specimens to higher level laboratories	7	(88)
Had adequate supply of reporting forms during preceding 6 months	4	(50)
Data analysis		
Prepared trend lines	6	(75)
Described data by place	5	(63)
Calculated rates	3	(38)
Epidemic preparedness and response		
Functional epidemic committee	7	(88)
Written plan for epidemic preparedness	3	(38)
Responded within 48 hours of most recently reported epidemic	2	(25)
Investigated an outbreak during preceding 12 months	4	(50)
Looked for risk factors in most recent outbreak investigation	3	(38)
Implemented community prevention/control		
measures during preceding 12 months	7	(88)
Feedback, supervision, and training		
Received at least one feedback bulletin during preceding 12 months	3	(38)
Received performance review during preceding 6 months	2	(25)
Received training in surveillance	8	(100)
Received training in data management	7	(88)
Resources available		
Stationery	6	(75)
Computer	7	(88)
Telephone service	8	(100)
Radio-call	7	(88)
Vehicle	8	(100)

^{*} N=8 district health offices surveyed.

for surveillance. WHO-AFRO and CDC are working with UMoH to build the capacity of the districts—the primary level of public health response—to collect and transport specimens for confirmation, analyze and use data for action, prepare for and respond to epidemics, and provide support to health facilities in Uganda.

The findings in this report are subject to at least two limitations. First, the findings are subject to interviewer bias because some of the interviewers knew about the strengths and weaknesses of the surveillance systems; however, this was offset by the presence of independent interviewers from CDC and WHO. Second, the sampling methods used to select the districts does not allow for a generalization of the results to the entire country.

To improve infectious disease surveillance in Uganda, standardized case definitions must be distributed to health facilities and health-care workers trained in their use. In addition, regular supervision should be instituted to ensure proper use of case definitions, registration, and reporting veracity; regular supervision improves the willingness of health-care workers to participate in public health activities (5). UMOH also is considering initiating a regular national surveillance bulletin to promote the use of surveillance data. To respond rapidly to infectious diseases and other acute health problems, district health teams need timely, high-quality information that can be provided only by staff members with necessary skills and motivation.

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Intimate Partner Violence Among Men and Women — South Carolina, 1998

Few studies provide population-based estimates of intimate partner violence (IPV) for men and women, especially at the state level. IPV may result in adverse health effects for victims and perpetrators (1–3). To estimate the lifetime incidence of IPV by type of violence (e.g., physical, sexual, and perceived emotional abuse) and to explore demographic correlates of reporting IPV among men and women, the South Carolina Department of Health and Environmental Control and the University of South Carolina conducted a population-based random-digit–dialed telephone survey of adults in the state. This report summarizes the results of the survey, which indicated that approximately 25% of women and 13% of men have experienced some type of IPV during their lifetime. Although women were significantly more likely to report physical and sexual IPV, men were as likely as women to report emotional abuse without concurrent physical or sexual IPV.

In November 1998, the University of South Carolina Survey Research Laboratory conducted a survey of South Carolina noninstitutionalized residents aged 18–64 years. A modified Abuse Assessment Screen (AAS) (4) was used to assess IPV among women; similar questions were used to assess IPV among men (5,6). One eligible adult per household was selected randomly. Data from households with more than one adult or more than one residential telephone number were weighted to adjust for unequal probability of sampling. In addition, data were weighted based on respondent age, race, and sex to represent 1990 South Carolina census data. Of 801 eligible residents contacted, 556 (69.4%) agreed to participate; 56.3% were women.

Survey respondents were asked the following questions from AAS to address IPV by type: "In any intimate relationship that lasted at least three months, did you ever feel emotionally or psychologically abused?"; "Did a partner hit, slap, kick, or otherwise physically hurt you?"; and "Incidents involving forced or unwanted sexual acts are often difficult to talk about. In any intimate relationship lasting at least three months, did a partner force you to have sexual activities against your will?" Respondents who answered "yes" were asked the frequency of abuse, the duration of the relationship, their age when they were first in an abusive relationship, their marital status, and the sex of the abusive partner. Other questions were about forced or coerced sexual activities by someone other than an intimate partner, their age at forced sex, and how many times forced sex had occurred.

Intimate Partner Violence — Continued

PC-SAS was used to weight data by age, race, and state region. Because IPV types overlapped, hierarchic categories of violence exposure were created: physical and sexual IPV, physical without sexual IPV, and perceived emotional abuse without physical or sexual IPV. Most persons who reported physical or sexual IPV also reported perceived emotional abuse. Sex differences in IPV reporting by type and demographic differences in IPV reporting within sex were assessed using multiple logistic regression (7). Models were adjusted for the sample weights (age, race, and state region). Because logistic regression provides odds ratios, which are biased estimates of the relative risk (RR) if the outcomes are not rare (>10%), odds ratios were converted to RRs (8).

Among women, 25.3% (95% confidence interval [CI]=20.4%–29.9%) reported ever experiencing some form of IPV; among men, 13.2% (95% CI=8.6%–16.9%) reported ever experiencing IPV (Table 1). Although women were significantly more likely to experience physical and/or sexual IPV (RR=3.3; 95% CI=1.7–4.9), men were as likely as women to report perceived emotional abuse without physical IPV (8.3% for men [95% CI=3.9%–10.3%] and 7.4% for women [95% CI=4.8%–10.7%]). Women were five times more likely than men to experience forced or coerced sex outside an intimate relationship (Table 1). Women were significantly more likely than men to report forced or coerced sex within an intimate relationship (RR=4.7; 95% CI=1.7–12.5).

Demographic correlates of ever experiencing any type of IPV by sex were examined. Overall, persons with incomes <\$15,000 were almost five times more likely to report IPV than were those with incomes >\$50,000; IPV rates increased with decreasing income for men (p=0.002) and for women (p=0.0001). Age, education, and race were not associated with reporting IPV.

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Editorial Note: These lifetime estimates of physical or sexual IPV in South Carolina (17.8% in women and 4.9% in men) suggest that 112,600 men and 243,400 women aged 18–64 years have experienced IPV and that low-income persons are at greatest risk for reporting IPV; these findings are consistent with rates in other reports (*5,6,9*). Compared with other surveys, the South Carolina study included emotional abuse caused by IPV and found that men were as likely as women to report emotional abuse.

The findings in this report are subject to at least three limitations. First, although corrections for nonresponse were attempted, respondents may differ from nonrespondents, particularly because of the sensitive nature of the questions. Persons without home telephones (approximately 7% of persons residing in South Carolina) were not included in the survey; therefore, IPV rates in this population cannot be determined. Second, interpreting similar frequencies of perceived emotional abuse for men and women is difficult because of differences in the balance of power in male-female relationships. More research is needed to clarify this finding using specific questions focusing on behaviors of the partner. Third, the small sample size limits study power to provide precise estimates of IPV frequency by type, particularly for men.

This report indicates that behavioral surveys can provide data to direct and evaluate IPV and sexual assault prevention and control activities. South Carolina health officials plan to use large surveys such as the Behavioral Risk Factor Surveillance System to monitor, in alternating years, IPV and forced sex prevalence in the last 12 months among women and men. These data will be distributed to increase awareness of this public

Intimate Partner Violence — Continued

TABLE 1. Number and percentage of persons aged 18–64 years who reported ever experiencing intimate partner violence (IPV) and forced sex, by sex — South Carolina, 1998

		Women (n=313)	n=313)		Men	Men (n=243)		
Category	No.	*%	(95% CI [†])	No.	*%	(95% CI)	$RR^{\$}$	(95% CI)
IPV experience								
Ever experienced any IPV								
(physical, sexual,								
or perceived emotional abuse)	78	25.3%	(20.4% - 29.9%)	30	13.2%	13.2% (8.6%-16.9%)	2.0	(1.4-3.5)
Physical or sexual IPV [¶]	22	17.8%	(13.6%–22.3%)	14	4.9%	(3.3%- 9.7%)	3.3	(1.7-4.9)
Physical and sexual IPV⁴	23	7.2%	(4.8%–10.7%)	4	1.5%	(0.5%- 3.9%)	4.7	(1.7-12.5)
Physical, no sexual IPV¶	32	10.6%	(7.2%–14.0%)	10	3.4%	(2.1%- 7.2%)	5.6	(1.3-4.9)
Perceived emotional abuse,								
no physical or sexual IPV	23	7.4%	(4.8%–10.7%)	16	8.3%	(3.9%-10.3%)	1.3	(0.7-2.6)
No IPV	235	74.7%	(70.1%–79.6%)	213	86.8%	86.8% (83.1%-91.4%)	Referent	ent
Forced or coerced sex								
by someone other than								
an intimate partner								
Ever experienced forced								
or coerced sexual activity	21	7.8%	7.8% (4.2%–10.2%)	က	2.0%	2.0% (0.3%- 3.6%)	5.5	(1.7–15.0)
Never experienced forced								
or coerced sexual activity	292	92.2%	92.2% (89.4%–95.5%)	240	98.0%	240 98.0% (96.1%–99.7%)	Referent	ent

^{*} Weighted for age, race, and state region.

[†] Confidence interval. § Relative risk (RR) calculated to convert odds ratios to RRs if the outcome is not rare (8); RR adjusted for age, race, and state region. 1 >90% also reported perceived emotional abuse.

Intimate Partner Violence — Continued

health problem, to stress the unacceptability of IPV, and to guide the development of community resources, including crisis hotlines, shelters, counseling victims and perpetrators, and services for children who witness this violence. Intervention activities against IPV in South Carolina include routine screening for IPV in health department clinics (10) and in cooperation with nonprofit agencies, school-based programs to teach conflict resolution and IPV awareness. Additional programs such as interventions to make the criminal justice system (e.g., police, legal advocates, prosecutors, and judges) more responsive to victims are needed to address IPV.

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Notice to Readers

Epidemiology in Action Course

CDC and Emory University's Rollins School of Public Health will co-sponsor a course, "Epidemiology in Action," during November 6–17, 2000, at CDC and Emory University. The course is designed for state and local public health professionals.

The course emphasizes the practical application of epidemiology to public health problems and will consist of lectures, workshops, classroom exercises (including actual epidemiologic problems), and roundtable discussions. Topics include descriptive epidemiology and biostatistics, analytic epidemiology, epidemic investigations, public health surveillance, surveys and sampling, Epi Info software training, and discussions of selected prevalent diseases. There is a tuition charge.

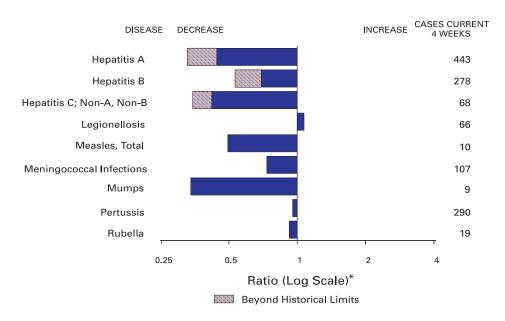
Deadline for applications is September 15. Additional information and applications are available from Emory University, International Health Dept. (PIA), 1518 Clifton Rd. NE, Room 746, Atlanta, GA 30322; telephone (404) 727-3485; fax (404) 727-4590; email pvaleri@sph.emory.edu; or the World-Wide Web, http://www.sph.emory.edu/EPICOURSES.*

Erratum: Vol. 49, No. 29

In the Notice to Readers "Voluntary Recall of IMOVAX® Rabies I.D. (Rabies Vaccine) Used for Pre-Exposure Prophylaxis," on page 671, an incorrect lot number was given. The involved lot should have been listed as *P0313-3*; lots P0030-2 and N1204-2 are being recalled as a precautionary measure.

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

FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending July 29, 2000, with historical data



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

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending July 29, 2000 (30th Week)

		Cum. 2000		Cum. 2000
Anthrax		-	HIV infection, pediatric*§	126
Brucellosis*		31	Plaque	5
Cholera		2	Poliomyelitis, paralytic	_
Congenital ru	bella syndrome	4	Psittacosis*	8
Cyclosporiasi		20	Rabies, human	_
Diphtheria		_	Rocky Mountain spotted fever (RMSF)	168
Encephalitis:	California serogroup viral*	10	Streptococcal disease, invasive, group A	1,796
	eastern equine*	_	Streptococcal toxic-shock syndrome*	58
	St. Louis*	-	Syphilis, congenital [¶]	82
	western equine*	-	Tetanus	14
Ehrlichiosis	human granulocytic (HGE)*	76	Toxic-shock syndrome	96
	human monocytic (HME)*	27	Trichinosis	4
Hansen disea	se (leprosy)*	33	Typhoid fever	179
	ulmonary syndrome*†	14	Yellow fever	-
Hemolytic ure	emic syndrome, postdiarrheal*	56		

^{-:} No reported cases.

^{*}Not notifiable in all states.

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

⁵ 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 July 30, 2000.

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

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending July 29, 2000, and July 31, 1999 (30th Week)

Reporting Area Cum. 2000 ¹ Cum. 1999 Cum. 2000 Cum. 2000	7* HLIS Cum. 1999 1,228 192 20 10 94
Reporting Area Cum. 2000 ¹ Cum. 1999 Cum. 2000 Cum. 2000	Cum. 1999 1,228 192 - 20 10
Reporting Area 2000 ^t 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1999 2000 1,007 NEW ENGLAND 1,333 1,282 12,307 12,142 41 61 182 193 153 Maine 20 44 720 629 9 12 14 15 7 N.H. 22 33 581 561 6 7 18 17 18 Vt. 11 6 306 274 14 11 18 18 17 Mass. 852 826 5,468 5,173 10 26 77 88 61	1,228 1,228 192 - 20 10
NEW ENGLAND 1,333 1,282 12,307 12,142 41 61 182 193 153 Maine 20 44 720 629 9 12 14 15 7 N.H. 22 33 581 561 6 7 18 17 18 Vt. 11 6 306 274 14 11 18 18 17 Mass. 852 826 5,468 5,173 10 26 77 88 61	192 - 20 10
Maine 20 44 720 629 9 12 14 15 7 N.H. 22 33 581 561 6 7 18 17 18 Vt. 11 6 306 274 14 11 18 18 17 Mass. 852 826 5,468 5,173 10 26 77 88 61	20 10
N.H. 22 33 581 561 6 7 18 17 18 Vt. 11 6 306 274 14 11 18 18 17 Mass. 852 826 5,468 5,173 10 26 77 88 61	10
Mass. 852 826 5,468 5,173 10 26 77 88 61	
R.I. 54 70 1,378 1,343 2 - 9 16 10 Conn. 374 303 3,854 4,162 - 5 46 39 40	16 52
MID. ATLANTIC 5,371 6,723 27,917 38,732 78 217 160 101 84	88
Upstate N.Y. 545 846 N N 50 69 132 69 38 N.Y. City 2,964 3,589 11,133 16,323 7 123 7 8 7	8
N.J. 1,038 1,261 4,461 7,042 3 16 21 24 31 Pa. 824 1,027 12,323 15,367 18 9 N N 8	76 4
E.N. CENTRAL 2,261 1,715 55,836 62,898 170 223 325 223 137	222
Ohio 345 267 14,251 17,142 27 25 72 71 44 Ind. 216 221 6,671 6,848 13 14 54 28 31	83 25
III. 1,291 781 14,735 18,523 7 37 78 80 -	56
Mich. 297 356 13,063 12,094 40 28 55 44 34 Wis. 112 90 7,116 8,291 83 119 66 N 28	31 27
W.N. CENTRAL 574 603 19,099 21,575 82 67 250 216 183 Minn. 101 105 3,636 4,348 11 13 59 61 73	276 91
lowa 59 56 2,555 2,451 28 16 64 45 10	36
N. Dak. 2 4 352 507 5 11 8 3 13	32 7
S. Dak. 4 13 1,029 888 9 3 17 17 12 Nebr. 38 43 1,922 1,915 12 10 25 56 9	31 75
Kans. 86 89 3,274 3,599 3 2 15 15 10	4
S. ATLANTIC 6,119 7,202 72,933 80,264 140 187 129 142 95 Del. 111 95 1,629 1,564 4 4 -	102
Md. 693 793 7,265 7,506 9 10 12 10 1 D.C. 390 271 1,855 N 7 6 U	Ū
Va. 383 366 9,337 8,509 4 10 25 35 22	35
W. Va. 37 40 1,177 1,011 3 - 8 6 5 N.C. 371 483 12,717 13,364 15 5 24 27 24	2 31
S.C. 457 674 7,385 10,370 11 14 2 Ga. 703 1,088 13,629 20,033 64 93 15 13 16	13 1
Fla. 2,974 3,392 17,939 17,907 34 63 34 33 25	20
E.S. CENTRAL 1,098 1,136 26,651 26,065 32 14 67 73 36 Ky. 128 173 4,542 4,364 4 4 23 19 15	56 13
Tenn. 437 439 8,220 8,094 8 4 30 31 19 Ala. 302 285 8,139 6,620 10 4 5 15	25 15
Miss. 231 239 5,750 6,987 10 2 9 8 2	3
W.S. CENTRAL 2,393 2,842 54,425 52,008 33 42 89 54 101 Ark. 112 107 2,876 3,357 3 - 36 6 3	65 5
La. 367 542 10,875 8,910 8 19 4 7 27	8
Okla. 182 74 4,420 4,775 4 3 9 14 7 Tex. 1,732 2,119 36,254 34,966 18 20 40 27 64	10 42
MOUNTAIN 839 1,014 21,450 20,093 46 48 206 90 92 Mont. 9 5 826 817 8 8 20 5 -	85
ldaho 16 15 1,064 988 3 3 26 6 -	9
Cólo. 199 196 6,643 4,548 13 4 84 32 49	6 25
N. Mex. 88 65 2,599 2,935 3 19 9 5 3 Ariz. 245 515 6,604 7,385 4 9 32 17 21	2 12
Utah 87 84 1,290 1,218 9 N 22 15 17 Nev. 188 130 2,047 1,760 3 5 4 7 -	23 8
PACIFIC 2,772 3,708 59,100 62,529 132 221 251 116 126	142
Wash. 301 213 7,339 6,716 N N 96 33 69 Oreg. 106 118 3,053 3,603 9 79 44 27 49	55 29
Calif. 2,270 3,314 45,943 49,317 123 142 101 49 - Alaska 12 13 1,354 1,056 2 - 1	51
Hawaii 83 50 1,411 1,837 8 7 7	7
Guam 13 11 - 268 N N U P.R. 710 823 670 U 4 5 U	U U
VI. 24 18 - U - U - U U Amer. Samoa U - U U	Ŭ
C.N.M.I U - U - U	ŭ

N: Not notifiable. U: Unavailable.

^{-:} No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

^{*} Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public

Health Laboratory Information System (PHLIS).

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

Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update July 30, 2000.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending July 29, 2000, and July 31, 1999 (30th Week)

	weeks 6	filaling Ju	19 23, 20	ou, and st	99 (30th v	vveek)				
	Gond	orrhea		atitis C; A, Non-B	Legio	nellosis		yme sease		
Reporting Area	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.		
UNITED STATES	2000 183,105	1999 200,436	2000 1,678	1999 1,555	2000 437	1999 508	2000 4,407	1999 6,845		
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	3,460 41 65 34 1,469 336 1,515	3,652 32 60 34 1,444 342 1,740	27 1 3 20 3	13 2 - 5 3 3	24 2 2 3 9 3 5	35 3 3 8 12 3 6	1,180 35 6 400 145 594	2,207 1 2 5 519 214 1,466		
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	17,488 3,894 4,456 3,331 5,807	22,624 3,589 7,697 4,255 7,083	308 41 - 248 19	76 38 - - 38	89 36 7 46	117 31 15 11 60	2,411 1,290 5 447 669	3,353 1,618 98 854 783		
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	34,062 8,632 3,052 9,925 9,517 2,936	38,711 10,084 3,667 12,702 8,555 3,703	138 5 1 8 124	562 1 1 34 510 16	114 46 26 8 22 12	155 46 22 22 22 39 26	151 39 14 7 - 91	430 27 9 15 9 370		
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr.	8,156 1,480 549 3,811 15 160 708	9,331 1,607 595 4,603 48 90 880	370 5 1 354 - - 3	114 4 - 108 - - 2	31 1 6 19 - 1 1	27 1 8 12 - 2 4	91 48 6 20 -	103 37 14 34 1 - 9		
Kans.	1,433	1,508	7	-	3	-	17	8		
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	54,424 930 4,898 1,390 5,658 366 10,273 9,696 8,716 12,497	58,557 967 5,534 2,128 5,678 347 11,523 6,507 13,075 12,798	76 11 2 3 12 13 1 2 32	100 - 15 - 10 13 26 13 1	88 5 30 - 12 N 8 2 5 26	67 7 11 1 16 N 12 7	482 69 283 2 71 17 22 2	597 44 435 3 48 12 42 3		
E.S. CENTRAL Ky. Tenn. Ala. Miss.	19,466 1,936 6,469 6,549 4,512	20,412 1,923 6,432 5,782 6,275	269 19 60 7 183	178 10 61 1 106	16 9 5 2	31 12 14 3 2	17 4 11 2	45 6 24 12 3		
W.S. CENTRAL Ark. La. Okla. Tex.	28,344 1,552 7,687 1,904 17,201	29,180 1,688 6,973 2,364 18,155	277 3 172 4 98	284 17 190 13 64	11 - 8 1 2	4 1 1 2	10 2 1 - 7	23 2 3 4 14		
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	5,550 26 50 30 1,793 551 2,190 133 777	5,470 22 49 14 1,363 570 2,631 113 708	113 2 3 68 14 11 11 -	111 4 5 34 18 19 21 5	25 1 4 1 8 1 6 4	29 - - 8 1 4 10 6	5 - 1 1 1 - - - 2	7 - 1 1 1 - 2 2		
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	12,155 1,285 407 10,092 176 195	12,499 1,176 508 10,386 174 255	100 17 21 60 -	117 10 12 95 -	39 14 N 25	43 9 N 33 1	60 3 4 53 N	80 3 7 70 - N		
Guam P.R. V.I. Amer. Samoa C.N.M.I.	326	34 189 U U U	- 1 - -	1 U U U	- - - -	- U U U	N - - -	- N U U		

N: Not notifiable.

U: Unavailable.

-: No reported cases.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending July 29, 2000, and July 31, 1999 (30th Week)

Reporting Area Part Par		weeks ending		iiy 23, 20	Jou, and J	uly 31, 19		Salmonellosis*					
Reporting Area Cum. Sept.		Mal	aria	Rabie	es Animal	NF			HIS				
UNITED STATES 5/6 7/8 3.0996 3.449 16.662 18.846 12.216 17.634 Mains NEW ENGLAND 28 29 412 471 1.117 1.170 1.706 12.15 Mains New ENGLAND 28 29 412 471 1.117 1.170	Panauting Auga	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.				
NEWENGLAND 28 29 412 471 1,117 1,1170 1,000 1,215 N.H. 1	UNITED STATES			•	_	•			•				
Maine 4 2 88 83 83 75 41 66 61 M.H. 1 2 2 88 83 83 85 75 41 66 81 M.H. 1 2 2 88 83 83 85 75 41 66 81 M.H. 1 2 2 88 83 83 85 75 41 66 81 M.H. 1 2 2 88 83 83 85 75 41 66 81 M.H. 1 2 2 88 81 85 86 76 76 86 81 85 85 85 85 85 85 85 85 85 85 85 85 85	NEW ENGLAND				•	•	•	•	•				
Vit. 2 2 2 38 63 66 47 66 43 Mass. 7 12 138 104 635 65 572 658 62 104 656 457 666 43 Mass. 7 12 138 104 635 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 572 658 62 104 655 656 656 572 658 62 104 655 656 656 572 658 62 104 655 656 656 572 658 62 104 655 656 656 572 658 62 104 655 656 656 658 658 658 658 658 658 658	Maine N H	4	2			83			61				
RI. 5 3 26 59 45 56 84 57 Donn. 9 8 119 133 209 266 221 255 MID. ATLANTIC 106 205 590 671 2,060 2,574 1,990 2,539 Upstate N.Y. 35 40 416 476 615 640 616 660 N.Y. City 37 101 U U D 503 773 602 781 M.Y. City 37 101 U U D 503 773 602 781 M.Y. City 37 101 U U D 503 773 602 781 M.Y. City 37 101 U U D 503 773 602 781 M.Y. City 37 101 U U D 503 773 602 781 M.Y. City 37 101 U U D 503 773 602 781 M.Y. City 37 101 U D D 503 773 101 U D D 503 773 M.Y. City 37 101 U D D 503 773 101 U D D D 503 773 101 U D D D D D D D D D D D D D D D D D D	Vt.	2	2	38	63	66	47	66	43				
MID_ATLANTIC 105	R.I.	5	3	26	59	45	56	84	87				
Upstate N.Y. 35	Conn.												
N.Y.Ciry 37 101 U U 503 773 602 781 N.J. 15 40 91 112 421 558 393 569 Pa. 18 24 83 83 621 603 379 529 E.N. CENTRAL 58 55 50 66 2.365 2.315 1.381 2.514 Dhio 12 14 14 13 20 616 614 453 538 Mich. 17 22 23 31 499 547 470 585 Wis. 6 6 6 5 12 310 486 193 290 Wis. 6 6 6 5 12 310 486 193 290 Wis. 6 6 6 5 12 310 486 193 290 W.N. CENTRAL 30 32 331 444 1.163 1.190 1.299 1.353 W.N. CENTRAL 30 32 331 444 1.163 1.190 1.299 1.353 W.N. CENTRAL 30 32 331 444 1.163 1.190 1.299 1.353 W.N. CENTRAL 30 48 71 207 132 174 122 W.W. 1 11 48 71 207 132 174 122 W.W. 2 1 - 89 88 72 20 489 88 W.Dak. 2 - 89 88 72 20 489 88 W.Dak. 3 - 99 123 50 166 89 88 W.Dak. 6 1 4 68 77 194 175 186 189 W.Dak. 1 - 99 123 60 166 189 189 189 189 189 189 189 189 189 189	MID. ATLANTIC Upstate N.Y.												
Pa. 18 24 83 83 521 603 379 529 E.N. CENTRAL 88 9 95 50 66 2,365 2,815 2,815 2514 Dhio in 12 14 13 20 616 616 614 483 2,514 Dhio in 4 10 290 244 264 453 III. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 43 9 3 650 926 1 878 IIII. 19 44 11 48 11 12 1 14 14 14 14 14 14 14 14 14 14 14 14 1	N.Y. City												
Dhio 12 14 13 20 616 614 453 558 ind. Ind.	Pa.												
Ind.	E.N. CENTRAL												
Mich. 17	Ind.	4	10	-	-	290	242	264	253				
Wis. 6 6 6 5 12 310 486 193 290 W.N. CENTRAL 30 32 331 444 1,163 1,190 1,299 1,353 Minn. 13 6 53 62 229 290 348 426 lowar 1 111 48 71 207 132 204 348 426 M.O. 5 111 14 14 14 374 412 469 468 M.D. Dak. 2 1 89 88 77 20 49 36 S. Dak 89 129 52 55 59 80 Nebr. 3 3 80 106 44 99 Nebr. 3 1 20 30 56 59 80 Nebr. 3 1 20 30 56 63 62 80 Nebr. 3 1 20 30 56 63 62 80 Md. 57 60 240 238 451 415 391 447 D.C. 12 111 3 35 51 447 D.C. 12 111 3 35 51 447 N.Va. 2 2 1 7 72 68 83 85 7 79 88 N.Va. 2 44 321 304 493 661 424 667 N.Va. 2 2 1 7 72 68 83 88 87 79 88 N.Va. 2 2 1 7 72 68 83 85 77 79 88 N.Va. 2 2 1 1 72 68 83 85 77 79 88 N.Va. 2 2 1 1 72 68 83 85 77 89 88 N.Va. 2 2 1 1 72 68 83 85 77 89 88 N.Va. 2 2 1 1 72 68 83 85 77 89 88 N.Va. 2 2 1 1 72 68 83 85 77 89 88 N.Va. 2 2 1 1 72 68 83 88 85 77 89 88 N.Va. 2 2 1 1 72 68 83 88 85 77 89 88 N.Va. 2 2 1 1 72 68 83 88 85 77 89 88 N.Va. 2 2 1 1 72 68 83 88 85 77 89 88 N.Va. 2 2 1 1 72 68 83 88 85 77 89 88 N.Va. 2 2 1 1 72 68 83 88 88 77 89 88 N.Va. 2 2 1 1 72 68 83 87 79 88 N.Va. 3 2 44 81 8157 814 846 85 85 86 89 824 81 81 81 81 81 81 81 81 81 81 81 81 81	III. Mich												
Minn. 13 6 5 53 62 229 290 348 426 426 400 400 400 11 11 48 71 207 132 174 122 Mo. Mo.	Wis.												
lowe	W.N. CENTRAL						1,190 290						
N. Dak. 2 - 889 88 27 20 49 36 Nebr. 3 - 5 59 129 52 55 59 80 Nebr. 3 - 5 59 129 52 55 59 80 Nebr. 3 - 5 59 129 52 55 59 80 Nebr. 3 - 5 3 80 106 44 99 122 Nebr. 3 1 175 156 122 Nebr. 3 1 1 20 30 89 83 82 20 106 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lowa	1	11	48	71	207	132	174	122				
Nebr. 3 3 80 106 44 99 8 6 8 77 194 175 156 122 128 6 8 8 77 194 175 156 122 128 1 120 30 59 63 62 80 Md. 57 60 240 238 451 415 391 447 10.C. 12 111 33 53 53 U U U W W Va. 32 44 321 304 493 661 424 607 W Va. 2 1 72 69 83 87 79 83 N.C. 12 12 12 322 248 466 536 401 662 8.C. 12 12 12 322 248 466 536 401 662 8.C. 1 1 4 78 97 321 240 249 220 68. 4 18 157 124 633 574 698 824 18. 4 14 1 73 100 1.042 1.135 50 317 Es. S. CENTRAL 21 15 106 168 1.002 1.041 1.29 157 Tenn. 5 5 5 5 15 24 197 214 129 157 Tenn. 5 5 5 5 57 61 24 197 214 129 157 Tenn. 5 5 5 5 57 61 24 197 214 129 157 Tenn. 5 5 5 5 5 57 61 24 268 260 271 299 Ala. 10 4 34 83 285 299 111 243 Ark. 2 2 2 - 14 305 227 250 76 La. 2 7 7 108 257 250 76 La. 2 7 7 108 257 250 76 La. 2 7 7 108 257 273 321 240 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 166 168 1.002 140 140 140 166 168 1.002 140 140 140 140 140 140 140 140 140 140	N. Dak.	2		89	88	27	20	49	36				
Kans. 6 4 88 77 194 175 156 122 S.ATLANTIC 164 192 1,283 1,210 3,581 3,764 2,354 3,240 Del. 3 1 20 30 59 63 62 80 Md. 57 60 240 238 451 415 391 447 D.C. 12 12 12 304 493 661 424 607 Wa. 32 444 321 304 493 661 424 607 Wa. 32 144 321 304 493 661 424 607 S.C. 12 12 322 248 466 536 401 622 S.C. 12 12 322 248 466 536 401 622 S.C. 14 1 8 157 124 323 574 698 824 S.C. 14 18 157 124 323 574 698 824 S.C. 14 18 157 124 323 574 698 824 Vy. 5 5 5 5 15 24 197 214 129 157 Fenn. 5 5 5 57 61 246 260 271 299 Ala. 10 4 34 83 285 299 111 243 Miss. 1 1 1 1 274 268 16 46 M.S. CENTRAL 8 11 36 81 1,225 1,584 1,871 1,413 Ark. 2 2 2 2 132 116 1,225 1,584 1,871 1,413 Ark. 2 2 36 67 179 210 140 166 Tex	S. Dak. Nebr		-	59									
Del. 3 1 20 30 89 63 62 80 Md. 57 60 2400 238 451 415 391 447 D.C. 12 11 33 53 U U Va. 32 44 321 304 493 661 424 607 W.Va. 12 1 72 69 83 87 79 88 N.C. 12 12 12 322 248 466 556 401 662 S.C. 1 4 78 97 321 240 249 220 Ga. 4 18 157 124 633 574 698 824 Fla. 41 41 73 100 1,042 1,135 50 317 E.S. CENTRAL 21 15 106 168 1,002 1,041 527 745 E.S. CENTRAL 21 15 106 168 1,002 1,041 527 745 K.Y. 5 5 5 15 5 7 61 246 260 271 299 Ala. 10 4 34 83 265 299 1111 243 Miss. 1 1 1 274 268 16 46 W.S. CENTRAL 8 11 36 81 1,285 1,584 1,871 1,413 Ark. 2 2 2 - 14 306 257 273 321 Ark. 2 7 7 - 108 257 273 321 Dokla. 4 2 36 67 179 210 140 166 Fex 1 1 2 39 41 61 36 - 1 Dokla. 4 2 36 67 179 210 140 166 Fex 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 W.OUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 Dokla. 4 2 38 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 W.Y. Mont. 1 1 1 2 83 31 33 25 14 27 Colo. 15 9 - 1 1 442 458 410 W.Y. Mont. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Kans.	6	4	68					122				
Md. 57 60 240 238 451 415 391 447 DC. 12 11 33 53 U U U V V V V V V V V V V V V V V V V	S. ATLANTIC								3,240 80				
VA. W. V. A. 2	Md.	57	60			451	415	391	447				
N.C. 12 12 322 248 466 536 401 662 S.C. 1 1 4 78 97 321 240 249 220 Ga. 1 1 4 78 97 321 240 249 220 Ga. 4 18 157 124 633 574 698 824 Fla. 41 41 73 100 1,042 1,135 50 317 E.S. CENTRAL 21 15 106 168 1,002 1,041 527 745 Flan. 5 5 5 15 24 197 214 129 157 Flan. 5 5 5 5 57 61 246 260 271 299 Ala. 10 4 34 83 285 299 111 243 Ala. 10 4 34 83 285 299 111 243 Ala. 10 1 1 274 268 16 46 Ala. 10 1 1 274 268 16 46 Ala. 10 1 1 10 1 1 28 Ala. 10 1 1 108 257 273 321 Dkla. 2 2 2 - 14 305 227 250 76 Ala. 2 2 7 108 257 273 321 Dkla. 4 2 2 36 67 179 210 140 166 Tex 693 890 1,208 850 Ala. 1 1 1 1 693 890 1,208 850 Ala. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Va.	32	44			493	661	424	607				
S.C. 1 4 78 97 321 240 249 220 Ga 4 4 18 157 124 633 574 698 824 Fla. 41 41 73 100 1,042 1,135 50 317 E.S. CENTRAL 21 15 106 168 1,002 1,041 527 745 Ky. 5 5 5 15 24 197 214 129 157 16nn. 5 5 5 57 61 246 260 271 299 Ala. 10 4 34 83 285 299 111 243 Miss. 1 1 1 274 268 16 46 260 271 299 Ala. 10 4 34 83 285 299 111 243 Ala. 10 4 34 83 285 299 111 243 Ala. 10 4 34 83 285 299 111 243 Ala. 10 4 34 83 285 299 111 243 Ala. 10 4 2 36 67 179 277 250 76 14 26 16 46 26 27 27 250 76 16 26 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 250 76 27 27 250 76 27 250	W. Va. N.C.												
Fila. 41 41 73 100 1,042 1,135 50 317 E.S. CENTRAL 21 15 106 168 1,002 1,041 527 745 Ky. 5 5 5 15 24 197 214 129 157 Tenn. 5 5 5 5 15 24 197 214 129 157 Tenn. 5 5 5 5 57 61 246 260 271 299 Ala. 10 4 34 83 285 299 111 243 W.S. CENTRAL 8 11 36 81 1,285 1,584 1,871 1,413 Ark. 2 2 2 - 14 305 227 250 76 La. 2 7 - 1 108 257 273 321 Okla. 4 2 36 67 179 210 140 166 Tex 108 257 273 321 Okla. 4 2 36 67 179 210 140 166 Tex 693 890 1,208 850 W.OUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 1 Adaho 2 1 1 1 1 - 80 50 50 - 3 Wyo 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 445 Ariz. 5 2 4 4 3 218 412 4247 121 192 Ariz. 5 2 4 46 35 392 472 327 423 Nev. 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S.C.	1	4	78			240		220				
Ky. 5 5 5 15 24 197 214 129 157 Tenn. 5 5 5 57 61 246 260 271 299 Ala. 10 4 34 83 285 299 111 243 Miss. 1 1 1 274 268 16 46 Miss. 1 1 1 274 268 16 46 Miss. 1 1 1 36 81 1,285 1,584 1,871 1,413 Ark. 2 2 2 - 14 305 227 250 76 La. 2 7 14 305 227 250 76 La. 2 7 108 257 273 321 Okla. 4 2 36 67 179 210 140 166 Tex 693 890 1,208 850 MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 1 daho 2 1 1 1 - 80 50 - 53 Wyo 1 1 28 31 33 25 14 27 Colo. 15 9 - 1 1 442 458 410 445 N. Mex 2 2 13 4 124 247 121 192 Ariz. 5 2 46 36 392 472 327 423 Oklah 3 2 4 3 1 4 14 14 14 19 106 - 49 PACIFIC 132 147 156 222 2,590 3,046 681 3,143 Oklah 13 11 255 363 312 512 Oklah 3 11 255 363 312 515 Oklah 3 11 255 363 312 515 Oklah 3 11 Okla	Fla.												
Ténn. 5 5 57 61 246 260 271 299 Ala 10 4 34 83 285 299 111 243 Miss. 1 1 - - 274 268 16 46 W.S. CENTRAL 8 11 36 81 1,285 1,584 1,871 1,413 Acrk. 2 2 - 14 305 227 250 76 La. 2 7 - - 108 257 273 321 Dkla. 4 2 36 67 179 210 140 166 Eex. - - - 693 890 1,208 850 MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 1	E.S. CENTRAL		15										
Miss. 1 1 - - 274 268 16 46 W.S. CENTRAL 8 11 36 81 1,285 1,584 1,871 1,413 Ark. 2 2 - 14 305 227 250 76 La. 2 7 - - 108 257 273 321 Okla. 4 2 36 67 179 210 140 166 Eex. - - - 693 890 1,208 850 MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 1 4 29 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 1 4 2 Mont.	Tenn.	5	5	57	61	246	260	271	299				
Ark. 2 2 - 14 305 227 250 76 La. 2 7 - - 108 257 273 321 Okla. 4 2 36 67 179 210 140 166 Tex. - - - - 693 890 1,208 850 MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 Idaho 2 1 1 - 80 50 - 53 Wyo. - 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 445 N. Mex. - 2 13 4 124 247 327 423	Ala. Miss.												
Okla. 4 2 36 67 179 210 140 166 Tex. - - - - 693 890 1,208 850 MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 Wyo. - 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 445 N. Mex. - 2 13 4 124 247 121 192 Ariz. 5 2 46 35 392 472 327 423 Utah 3 2 2 46 35 392 472 327 423 Utah 3 1 1 1 149 106 - 49	W.S. CENTRAL	8						1,871					
Okla. 4 2 36 67 179 210 140 166 Tex. - - - - 693 890 1,208 850 MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 Wyo. - 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 445 N. Mex. - 2 13 4 124 247 121 192 Ariz. 5 2 46 35 392 472 327 423 Utah 3 2 2 46 35 392 472 327 423 Utah 3 1 1 1 149 106 - 49	Ark. La.	2	7		14								
MOUNTAIN 30 22 132 116 1,499 1,662 1,053 1,472 Mont. 1 4 39 41 61 36 - 1 1 dalo 50 - 53 dalo 50 - 53 dalo Myo. - 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 445 N.Mex. - 2 133 4 124 247 121 192 472 327 423 445 410 445 A45 A124 247 121 192 472 327 423 423 423 423 423 424 247 121 192 472 327 423 423 424 43 218 268 181 268 181 282 24 43 218 268 181 282 449 44	Okla. Tex.			36	67								
Mont. 1 4 39 41 61 36 - 1 Idaho 2 1 1 - 80 50 - 53 Wyo. - 1 28 31 33 25 14 27 201 20 1 442 488 410 445 447 121 192 423 442 447 121 192 423 442 447 121 192 423 442 447 121 192 423 442 44 3 218 268 181 268 181 282 443 3 218 268 181 283 312 2512 25	MOUNTAIN	30	22	132	116								
Wyo. - 1 28 31 33 25 14 27 Colo. 15 9 - 1 442 458 410 445 N.Mex. - 2 13 4 124 247 121 192 Ariz. 5 2 46 35 392 472 327 423 Utah 3 2 4 3 218 268 181 262 Nev. 4 1 1 1 149 106 - 49 PACIFIC 132 147 156 222 2,590 3,046 681 3,143 Wash. 13 111 - - 255 353 312 512 Oreg. 24 14 4 1 180 283 233 310 Calif. 92 112 132 214 2,008 2,148 - 2,117	Mont.	1	4	39		61	36		1				
N. Mex 2 13 4 124 247 121 192 Afriz. 5 2 46 35 392 472 327 423 Utah 3 2 4 3 218 268 181 282 Nev. 4 1 1 1 1 149 106 - 49 PACIFIC 132 147 156 222 2,590 3,046 681 3,143 Wash. 13 111 255 353 312 512 Oreg. 24 14 4 1 180 283 233 310 Creg. 24 14 4 2 1 180 283 233 310 Creg. 24 112 132 214 2,008 2,148 - 2,117 Alaska 20 7 34 27 21 16 Hawaii 3 10 113 255 115 188 Guam 2 4 U U P.R 40 51 147 299 U U VI U - U - U U VI U U VI U U U U U U VI U U U U U U VI U U U U U U U VI U U U U U U VI U U U U U U VI U U - U U U U U U VI U U U U U U U VI U U U U U U U VI U U U U U U U U U U VI U U U U U U U U U U U VI U U U U U U U U U U U U U U U U U U	Wyo.	-	1			33	25		27				
Nev. 4 1 1 1 1 149 106 - 49 PACIFIC 132 147 156 222 2.590 3,046 681 3,143 Wash. 13 111 255 353 312 512 Oreg. 24 14 4 1 180 283 233 310 Calif. 92 112 132 214 2,008 2,148 - 2,117 Alaska 20 7 34 27 21 16 Hawaii 3 10 113 235 115 188 Guam 13 235 115 188 Guam 17 24 U U P.R 40 51 147 299 U U VI U - U - U U Amer. Samoa - U - U - U U U C.N.M.I U - U - U U C.N.M.I U - U U U C.N.M.I U - U U U C.N.M.I U - U U U	N. Mex.	-	2		4	124	247	121	192				
Nev. 4 1 1 1 1 149 106 - 49 PACIFIC 132 147 156 222 2.590 3,046 681 3,143 Wash. 13 111 255 353 312 512 Oreg. 24 14 4 1 180 283 233 310 Calif. 92 112 132 214 2,008 2,148 - 2,117 Alaska 20 7 34 27 21 16 Hawaii 3 10 113 235 115 188 Guam 13 235 115 188 Guam 17 24 U U P.R 40 51 147 299 U U VI U - U - U U Amer. Samoa - U - U - U U U C.N.M.I U - U - U U C.N.M.I U - U U U C.N.M.I U - U U U C.N.M.I U - U U U	Ariz. Utah	5 3	2 2										
Wash. 13 11 - - 255 353 312 512 Oreg. 24 14 4 1 180 283 233 310 Calif. 92 112 132 214 2,008 2,148 - 2,117 Alaska - - 20 7 34 27 21 16 Hawaii 3 10 - - 113 235 115 188 Guam - - - - - 24 U U P.R. - - 40 51 147 299 U U V.I. - U - U - U U U Amer. Samoa - U - U - U U U U C.N.M.I. - U - U - U U U U	Nev.	4	1	1	1	149	106	-	49				
Oreg. 24 14 4 1 180 283 233 310 Calif. 92 112 132 214 2,008 2,148 - 2,117 Alaska - - 20 7 34 27 21 16 Hawaii 3 10 - - 113 235 115 188 Guam - - - - - 24 U U P.R. - - 40 51 147 299 U U V.I. - U - U - U U U Amer. Samoa - U - U - U U U C.N.M.I. - U - U - U U U	PACIFIC Wash.			156	222								
Alaska - - 20 7 34 27 21 16 Hawaii 3 10 - - 113 235 115 188 Guam - - - - - 24 U U P.R. - - 40 51 147 299 U U U V.I. - U - U - U U U U Amer. Samoa - U - U - U U U U C.N.M.I. - U - U - U U U	Oreg.	24	14			180	283		310				
Guam 24 U U P.R 40 51 147 299 U U VI U - U - U U Amer. Samoa - U - U - U U C.N.M.I U - U U U U	Alaska	-	-	20	7	34	27		16				
P.R 40 51 147 299 U U V.I U - U - U U Amer. Samoa - U - U - U U C.N.M.I U - U U U		3	10	-	-	113							
Amer. Samoa - U - U - U U U C.N.M.I U - U U U	P.R.	-	-	40		147	299	Ū	U				
C.N.M.I Û - Û Û Û	V.I. Amer. Samoa	_		-	U U	-			U U				
Ni Niet austifialia III I I I I I I I I I I I I I I I I I	C.N.M.I.	-		-		-							

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

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

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending July 29, 2000, and July 31, 1999 (30th Week)

	<u>weeks e</u>			<u>)00, and Jເ</u>	ıly 31, 19	999 (30th V	Veek)	
	NET	Shige		PHLIS		philis & Secondary)	Tube	rculosis
D	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.
Reporting Area UNITED STATES	2000 9,709	1999 7,954	2000 5,143	1999 4,626	3,328	1999 3,801	2000 6,026	1999 [†] 8,666
NEW ENGLAND	205	260	177	216	46	33	216	239
Maine N.H.	6 4	4 7	- 7	6	1 1	- 1	2 7	12 6
Vt. Mass.	2 146	4 196	113	3 158	33	3 20	2 132	1 132
R.I. Conn.	12 35	14 35	20 37	9 40	4 7	1 8	24 49	25 63
MID. ATLANTIC	1.187	547	738	350	150	172	1,299	1,358
Upstate N.Y. N.Y. City	476 483	139 185	149 378	36 132	7 64	12 74	143 720	158 748
N.J. Pa.	125 103	137 86	135 76	113 69	29 50	39 47	308 128	306 146
E.N. CENTRAL	2.123	1,429	617	761	642	682	681	894
Ohio Ind.	169 892	279 102	96 90	71 37	43 230	55 235	142 46	140 71
III. Mich.	473 451	575 209	2 390	444 160	175 164	255 113	348 93	440 183
Wis.	138	264	390	49	30	24	52 52	60
W.N. CENTRAL Minn.	1,060 234	666 116	885 328	483 167	37 3	84 7	255 85	279 111
lowa Mo.	303 374	13 453	200 288	15 237	10 19	8 55	23 100	29 96
N. Dak. S. Dak.	4 4	2 9	4 1	2 5	-	-	2 11	2 9
Nebr.	34	44	9	33	2	4	11	12
Kans. S. ATLANTIC	107 1,444	29 1,299	55 428	24 330	3 1,123	10 1,245	23 1,327	20 1,764
Del. Md.	9	1,299 8 77	9 35	4	1,123 5 158	6 241	1,327	20
D.C.	30	34	U	25 U	30	32	13	154 32
Va. W. Va.	240 3	58 6	187 3	36 3	78 2	96 2	136 19	149 26
N.C. S.C.	72 66	125 <i>7</i> 5	34 54	60 37	324 114	287 167	172 54	233 194
Ga. Fla.	134 801	122 794	44 62	50 115	209 203	229 185	274 509	361 595
E.S. CENTRAL	508	790	295	487	505	667	428	553
Ky. Tenn.	148 228	157 494	48 233	110 333	53 307	58 369	58 196	101 179
Ala. Miss.	23 109	71 6 8	11 3	40 4	69 76	137 103	174 -	169 104
W.S. CENTRAL Ark.	1,076 123	1,392 53	1,388 24	577 20	471 56	580 39	252 109	1,218 91
La.	80	100	96	59	116	162	73	Ū
Okla. Tex.	68 805	360 879	20 1,248	115 383	77 222	122 257	70 -	98 1,029
MOUNTAIN Mont.	552 5	420 6	242	281	125	142	267 6	271 5
ldaho	38	9	2	6	1	1	5	12
Wyo. Colo.	1 88	69	45	1 57	1 3	1	1 35	1 U
N. Mex. Ariz.	61 238	52 222	22 134	39 142	17 99	6 128	29 127	36 132
Utah Nev.	38 83	30 30	39	30 6	4	2 4	22 42	26 59
PACIFIC	1,554 327	1,151	373 289	1,141 56	229	196	1,301	2,090
Wash. Oreg.	104	57 41	289 61	36	36 4	39 3	161 8	142 63
Calif. Alaska	1,089 8	1,029	3	1,026 -	188	152 1	993 60	1,752 35
Hawaii	26	24 9	20 U	23 U	1	1	79	98 39
Guam P.R.	3	61	Ü	Ū	75	101	-	126
V.I. Amer. Samoa	-	U	U U	U U	-	U U	-	U U
C.N.M.I.	-	U	U	U	-	U	-	U

U: Unavailable.

^{-:} No reported cases. *Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

[†]Cumulative reports of provisional tuberculosis cases for 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 July 29, 2000, and July 31, 1999 (30th Week)

	H. influ	100720		epatitis (Vi			Measles (Rubeola)							
		ierizae, isive		epatitis (Vi	В В	Je	Indige	nous	Impo		Total			
Reporting Area	Cum. 2000†	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	2000	Cum. 2000	2000	Cum. 2000	Cum. 2000	Cum. 1999		
UNITED STATES	704	734	6,298	9,397	3,821	3,961	2	35	1	12	47	63		
NEW ENGLAND	50	54	173	142	36	89	2	2	1	4	6	10		
Maine N.H.	1 10	5 10	10 17	5 8	5 11	1 9	2	2	1	1	3	1		
Vt. Mass.	3 23	4 22	6 69	3 55	5 6	1 30	-	-	-	3	3	7		
R.I. Conn.	1 12	1 12	8 63	11 60	9	22 26	-	-	-	-	-	2		
MID. ATLANTIC	116	131	598	690	528	523	-	8	-	1	9	5		
Upstate N.Y. N.Y. City	57 26	53 41	125 197	152 193	77 240	116 158	-	8 -	-	-	8 -	2 3		
N.J. Pa.	25 8	34 3	80 196	84 261	68 143	<i>7</i> 5 174	-	-	-	- 1	- 1	-		
E.N. CENTRAL	94	121	758	1,782	404	418	-	7	-	-	7	2		
Ohio Ind.	38 15	40 19	161 38	413 64	71 30	54 27	-	2	-	-	2	1		
III. Mich.	35 6	52 9	269 277	387 870	63 239	39 273	-	4 1	-	-	4 1	- 1		
Wis.	-	1	13	48	1	25	-	-	-	-	-	-		
W.N. CENTRAL Minn.	35 20	34 19	578 137	439 45	526 21	162 30	-	1 -	-	1 1	2 1	-		
lowa Mo.	- 8	1 4	56 298	83 261	26 441	25 90	-	1 -	-	-	1 -	-		
N. Dak. S. Dak.	1 -	2	2	1 8	2	- 1	-	-	-	-	-	-		
Nebr. Kans.	4 2	4	19 66	31 10	20 16	12 4	-	-	-	-	-	-		
S. ATLANTIC	192	164	780	1,074	709	623	_	3	_	_	3	4		
Del. Md.	- 51	- 45	106	2 193	- 73	1 92	-	-	-	-	-	-		
D.C. Va.	29	4	15 88	37 97	19 93	14 58	-	2	-	-	2	3		
W. Va. N.C.	5 17	6 24	47 97	24 81	6 142	16 137	-	-	-	-	-	-		
S.C.	11	3	31	24	5	38 74		-	-		-	-		
Ga. Fla.	51 28	45 25	126 270	295 321	119 252	193	-	1	-	-	1	1		
E.S. CENTRAL Ky.	34 12	46 6	258 30	253 51	275 53	279 22	-	-	-	-	-	2 2		
Tenn.	15	24 14	94 40	103	123 31	138 54	-	-				-		
Ala. Miss.	6 1	2	94	38 61	68	65	-	-	-	-	-	-		
W.S. CENTRAL Ark.	38 1	44 2	1,038 95	1,807 28	380 63	654 47	-	1 1	-	-	1 1	6		
La. Okla.	7 28	10 29	28 165	98 333	50 83	110 87	-	- :	-	-	- :	-		
Tex.	20	3	750	1,348	184	410	-	-	-	-	-	6		
MOUNTAIN Mont.	72	64 1	530 3	795 14	290 3	368 16	Ū	11	Ū	1	12	1		
ldaho	3	i 1	18 10	29 4	5 2	20 9	Ū	-	Ū	-	-	-		
Wyo. Colo.	11	11	122	150	54	56	-	1	-	1	2	-		
N. Mex. Ariz.	15 34	17 28	45 260	31 453	<i>7</i> 5 112	120 90	-	-	-	-	-	1		
Utah Nev.	7 1	3 2	37 35	31 83	14 25	22 35	-	3 7	-	-	3 7	-		
PACIFIC Wash.	73 3	76 2	1,585 165	2,415 191	673 49	845 39	-	2	-	5	7	33 5		
Oreg.	19	26	126	153	58	66	-	-	-	-		11		
Calif. Alaska	26 5	39 5	1,283 8	2,053 5	554 6	717 13	-	1 1	-	3	4 1	16 -		
Hawaii	20	4	3	13	6	10	-	-	-	2	2	1		
Guam P.R.	1	2	62	1 190	67	2 141	U 	-	U 	-	-	1 .:		
V.I. Amer. Samoa	-	U	-	U	-	U	U	-	U	-	-	U		
C.N.M.I.	-	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 141 cases among children aged <5 years, serotype was reported for 62 and of those, 16 were type b.

TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending July 29, 2000, and July 31, 1999 (30th Week)

		jococcal		M	333 (3					Duballa	
	Cum.	ease Cum.		Mumps Cum.	Cum.		Pertussis Cum.	Cum.		Rubella Cum.	Cum.
Reporting Area	2000	1999	2000	2000	1999	2000	2000	1999	2000	2000	1999
UNITED STATES NEW ENGLAND	1,336	1,558 74	-	208 2	233 6	78 11	2,920 736	3,348 387	-	78 6	179 7
Maine	83 7	5	-	-	-	-	14	-	-	-	-
N.H. Vt.	9 2	11 4	-	-	1 1	9	71 156	56 30	-	2	-
Mass. R.I.	50 6	41 3	-	- 1	4	1	451 11	272 17	-	3	7
Conn.	9	10	-	1	-	1	33	12	-	1	-
MID. ATLANTIC Upstate N.Y.	132 45	150 40	-	9 6	32 6	13 2	214 126	629 519	-	2 2	25 17
N.Y. City	29 25	42 36	-	-	8 1	-	-	25 15	-		2 3
N.J. Pa.	33	30 32	-	3	17	11	88	70	-	-	3
E.N. CENTRAL	230	272	-	24	30	15	351	298	-	1	2
Ohio Ind.	57 35	102 31	-	7	8 3	10 2	194 38	129 29	-	-	1
III. Mich.	53 65	70 43	-	5 12	9 8	2 1	29 41	61 26	-	1	1 -
Wis.	20	26	-	-	2	-	49	53	-	-	-
W.N. CENTRAL Minn.	114 14	152 33	-	13	9 1	13 13	176 89	133 39	-	-	96
lowa Mo.	21 62	28 55	-	5 4	4		29 30	25 39	-	-	27 2
N. Dak.	2	3	-		-	-	1	-	-	-	-
S. Dak. Nebr.	5 5	9 8	-	2	-	-	3 4	5 2	-	-	67
Kans.	5	16	-	2	3	-	20	23	-	-	-
S. ATLANTIC Del.	224	257 5	-	32	35 -	5 -	243 5	190	-	51 -	22
Md. D.C.	21	39 3	-	7	3 2	2	64 2	62	-	-	1
Va. W. Va.	36 10	32 4	-	5	8	-	33 1	13 1	-	-	-
N.C.	30	30 31	-	5	8	-	51	56	-	42 7	21
S.C. Ga.	16 37	46	-	10 2	3 1	1	20 21	8 20	-	-	-
Fla.	74	67	-	3	10	2	46	30	-	2	-
E.S. CENTRAL Ky.	98 21	112 20	-	6	10	3 2	58 25	61 17	-	4 1	2
Tenn. Ala.	39 28	43 30	-	2 2	- 7	1	19 13	27 14	-	3	2
Miss.	10	19	-	2	3	-	1	3	-	-	-
W.S. CENTRAL Ark.	89 11	167 28	-	21 2	31	1	129 10	103 11	-	4	6
La. Okla.	27 21	46 26	-	3	7 1	-	3 6	4 13	-	-	-
Tex.	30	67	-	16	23	1	110	75	-	4	6
MOUNTAIN Mont.	83 4	96 2	Ū	15 1	10	12 U	449 12	406 2	Ū	2	15
ldaho	6	8	-	-	1	1	43	106	-	-	-
Wyo. Colo.	24	3 24	U	1 1	3	U 9	2 247	2 146	U	1	-
N. Mex. Ariz.	7 32	13 29	-	1 3	N	1 1	81 47	47 60	-	- 1	13
Utah Nev.	7	11 6	-	4	3 3	-	11 6	40 3	-		1
PACIFIC	283	278	-	86	70	5	564	ە 1,141	-	8	4
Wash. Oreg.	34 42	46 52	- N	4 N	2 N	1 3	192 66	521 23	-	-	
Calif.	194	168	-	68	60	-	270	570	-	8	4
Alaska Hawaii	5 8	6 6	-	7 7	1 7	1 -	14 22	3 24	-	-	-
Guam	Ē	1	U	-	1	U	Ī	_1	U	-	-
P.R. V.I.	5	9 U	Ū	-	Ū	Ū	1 -	15 U	Ū	-	Ū
Amer. Samoa C.N.M.I.	-	U	U	-	U	U U	-	U	U U	-	U U
N. N. t	11.11.										

N: Not notifiable.

U: Unavailable.

-: No reported cases.

TABLE IV. Deaths in 122 U.S. cities,* week ending July 29, 2000 (30th Week)

				•	July	29,	2000) (30th Weel	K)						
		All Cau	ıses, By	Age (Y	ears)		P&I⁺			All Cau	ises, By	Age (Y	ears)		P&I⁺
Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Total	Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Total
NEW ENGLAND Boston, Mass. Bridgeport, Conn Cambridge, Mass Fall River, Mass. Hartford, Conn. Lowell, Mass. Lynn, Mass. New Bedford, Ma New Haven, Conn Providence, R.I. Somerville, Mass. Springfield, Mass Waterbury, Conn. Worcester, Mass. MID. ATLANTIC Albany, N.Y. Allentown, Pa. Buffalo, N.Y. Camden, N.J. Elizabeth, N.J. Erie, Pa.\$ Jersey City, N.J. New York City, N.J.	16 24 60 34 14 ss. 25 56 19 63 1,960 49 91 38 24 40 45 1,019	410 90 21 144 28 28 26 43 33 33 15 44 1,357 33 U 680 25 698	34 5 1 4 9 4 4 1 10 8 1 10 3 3 3 3 4 4 0 0 17 12 6 10 11 12 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	37 12 1 - 7 2 1 - 2 4 - 2 1 5 1 36 7 7 2 5 3 2 4 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	12 7 - 3 3 - 1 1 - - - 41 1 U 3 - - - - - - - - - - - - - - - - - -	4 1 1 - 1 1 1 2 2 5 - U 1 1 1 1 3 1 1 3 1 1 3 1 1 3	37 8 1 1 3 4 2 1 1 7 1 5 100 3 U 5 1 1	S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C. Jacksonville, Fla Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, I Tampa, Fla. Washington, Dc E.S. CENTRAL Birmingham, Al. Chattanooga, Te Knoxville, Tenn. Lexington, Ky. Memphis, Tenn. Mobile, Ala. Montgomery, A Nashville, Tenn. W.S. CENTRAL	U 44 511 64 46 179 C. 100 I. 23 853 a. 186 enn. 82 95 44 . 183 78 Ia. 45 140	559 U 84 64 90 U 1 128 60 128 576 122 60 63 30 120 59 860 860 860	204 U 45 166 34 U 9 12 9 7 37 26 9 169 38 15 25 9 316 11 22 305	82 U 13 3 3 11 U 12 7 7 9 4 12 10 1 1 64 13 4 4 4 18 6 4 11 127 6	27 U 8 2 3 U 5 3 3 1 1 1 3 - 25 7 1 1 1 9 - 6 74 c	18 U 3 3 5 5 2 U 1 1 3 3 1 1 1 1 1 1 1 1 5 5 2 2 2 3 3 1 5 5 3 8 1	48 U 8 6 10 U - 4 4 3 3 13 1 - 56 8 8 4 4 11 3 6 12 93 9
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.	58 25 185 35 42 125	25 18 130 26 32 93 16 28 46 24 15	4 33 7 7 25 1 2 7	13 1 17 1 1 5 1 2 1 2	2 1 3 1 1 2 - - 2 - 1	1 1 2 - 1	4 4 6 3 4 12 2 9 2	Austin, Tex. Baton Rouge, La Corpus Christi, Dallas, Tex. El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark. New Orleans, La San Antonio, Tex Tulsa, Okla.	Tex. 45 213 80 124 403 74 . 66 x. 225 48 U	56 32 33 117 46 80 233 46 22 165 30 U	16 5 9 59 19 24 97 13 7 43 13 U	6 3 2 20 12 10 46 3 16 7 2 U	6 1 10 1 5 12 9 21 9	1 7 2 5 15 3 - 1 3 U	3 2 7 15 1 11 26 6 7 11 4 U
E.N. CENTRAL Akron, Ohio Canton, Ohio Chicago, III. Cincinnati, Ohio Cleveland, Ohio Detroit, Mich. Evansville, Ind. Fort Wayne, Ind. Gary, Ind. Gary, Ind. Grand Rapids, Mi Indianapolis, Ind. Lansing, Mich. Milwaukee, Wis. Peoria, III. Rockford, III. South Bend, Ind. Toledo, Ohio Youngstown, Ohi W.N. CENTRAL Des Moines, Iowa Duluth, Minn. Kansas City, Kans Kansas City, Kns Kansas City, Mo. Lincoln, Nebr. Minneapolis, Min Omaha, Nebr. St. Louis. Mo.	178 42 105 30 44 48 88 0 77 685 45 19 . 33 88 25	1,305 411 2182 733 85 1123 85 1123 85 1124 155 59 1033 333 335 25 59 1033 344 144 147 20 57 19 107 58 107 58 59 107 58 59 107 58 58 58 58 58 58 58 58 58 58 58 58 58	10 67 71 205 355 201 410 12 6 13 44 7 18 3 6 6 7 22 4 13 1 7 1 6 1 4 25 5	126 3 1 17 18 8 5 15 3 2 2 4 20 2 9 9 2 3 3 6 4 - 42 4 1 5 4 4 2 5 5 4 7	58 2 1 1 7 7 6 4 4 3 3 5 5 9 1 1 2 2 1 1 1 1 5 - 2 2 - 3 3 3 3 - 6 4 4 - 4 4 2 2 2 2 2	44 1 - 8 3 3 3 4 4 2 2 - 1 1 2 2 3 3 6 - 3 - 2 2 1 1 1 2 2 - 2 2 2 2 - 3 3 3 7	134 4 5 29 6 . 14 4 5 18 2 2 4 4 1 1 8 10 2 2 9 2 5 . 7 7 3 41 8 1 2 2 3 . 7 7 10 1	MOUNTAIN Albuquerque, N Boise, Idaho Colo. Springs, C Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo. Salt Lake City, U Tucson, Ariz. PACIFIC Berkeley, Calif. Fresno, Calif. Glendale, Calif. Honolulu, Hawa Long Beach, Cal Los Angeles, Cal Pasadena, Calif. Portland, Oreg. Sacramento, Ca San Diego, Calif San Francisco, C San Jose, Calif. Santa Cruz, Calif. Seattle, Wash. Tocoma, Wash. Total	Colo. 30 600 193 377 161 313 4tah 88 131 1,299 177 iii 79 iif. 75 liif. 371 25 33 lif. 361 5alif. U f. 26	613 83 22 40 40 62 65 25 25 88 88 88 13 61 15 55 25 11 0 U U U U U U U U U U U U U U U U U	202 23 5 12 21 14 45 7 42 5 14 42 8 249 3 11 11 11 15 69 5 6 6 34 4 5 7 23 6 15 6 7 7 22 15 6 7 7 22 15 6 7 7 22 15 6 7 7 23 15 15 15 15 15 15 15 15 15 15 15 15 15	77 77 72 66 99 14 21 11 10 8 95 22 11 11 10 U U U 1 7 5 6	31 4 4	24 4 1 1 5 1 7 - 2 2 2 35 - 1 1 5 2 7 - 1 3 4 4 0 0 0 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1	65 13 2 3 5 14 6 5 11 6 6 5 11 10 2 4 3 3 2 17 7 17 17 10 0 3 3 5 4 3 3 6 4 3 3 6 4 3 3 6 4 3 4 3
St. Louis, Mo. St. Paul, Minn. Wichita, Kans.	80 84 90	44 63 62	13	7 4 6	2 2 1	7 2 2	1 3 6		.0,020	. ,0 .0	_,,	, 55	0.2		···

U: Unavailable. -: No reported cases.

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

Phenomena and influence are voluntarily reported from 122 cities in the officed states, most of which have populations of 2100,000. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included. Pneumonia and influenza.

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

Total includes unknown ages.

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The Morbidity and Mortality Weekly Report (MMWR) Series is prepared by the Centers for Disease Control and Prevention (CDC) and is available free of charge in electronic format and on a paid subscription basis for paper copy. To receive an electronic copy on Friday of each week, send an e-mail message to listserv@listserv.cdc.gov. The body content should read SUBscribe mmwr-toc. Electronic copy also is available from CDC's World-Wide Web server at http://www.cdc.gov/ or from CDC's file transfer protocol server at ftp.cdc.gov. To subscribe for paper copy, contact Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; telephone (202) 512-1800.

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