

Current Trends

Teenage Childbearing and Abortion Patters, -United States, 1977

In 1977, females aged 12-19 continued to have fewer births, more abortions, and a decreasing percentage of all births when compared to previous years. However, when combined, live births and abortions continued to rise. Moreover, because of the shifting age structure of the population (1), the number of females 12-19 declined, and the fertility rate for teenagers increased for the first time since 1970.

The increase in fertility rate for all teenagers was due to an increase in the age-specific fertility rate for teenagers age 18-19. This increase in the age-specific fertility rates was a result of an increase in the total births to a stable population of 18- to 19-year-old women (1).

For females aged 12-14, the fertility rate in 1977 stabilized at 2.0 births per 1,000 women. Total births to females less than 15 decreased to 11,455 (from 11,928 in 1976), and abortions were down to 12,964 compared to 13,291 in 1976 (Table 1); thus, when combined, reported abortions and live births for this age group declined slightly. Although the population in this age group also decreased, combined abortions and live births declined at a faster pace, resulting in a small decrease in the conception rate (Table 2). However, when compared to 1976, the abortion ratio increased 2%, to 1,132 abortions per 1,000 live births in the less than 15 age group.

Births among 15- to 19-year-old women increased slightly in 1977, to 559,154 (from 558,744 in 1976), representing 16.8% of all births. The fertility rate also increased slightly, to 53.7 births per 1,000 women in that age group (from 53.5 in 1976). Total abortions among 15- to 19-year-old women continued to increase, indicating that abortions and live births combined also increased, as did the conception rate. The abortion ratio increased 8%, to 581 abortions per 1,000 live births, from 539 in 1976.

The specific age of the teenagers was associated with different childbearing and abortion patterns (Table 2). Females 14 years old and younger had a decrease in total abortions, in total births, and in abortion rate, but they had a stable fertility rate. For teenagers 15-17 years old, the total number of births decreased, while the total number of abortions increased. For this age group, the slight decline in fertility rate was primarily achieved by increased use of induced abortion. Finally, for females aged 18-19, the total number of births, total number of abortions, fertility rate, and abortion rate all increased, indicating that total conceptions also increased.

Twenty-eight states and the District of Columbia showed an increase in births from 1976 to 1977 for 15- to 19-year-old women. Six of these 28 and the District of Columbia reported an increase in births but a decrease in abortions. Differences in births from 1976 to 1977 ranged from a 12.3% increase in Wyoming to a 5.0% decrease in Vermont. Reported by the Abortion Surveillance Br and the Statistical Services Br, Family Planning Evaluation Div, Bur of Epidemiology, CDC.

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE

Teenage Childbearing -- Continued

TABLE 1. Births* to teenage females in 1977, with percent change from 1976, and abortionst to teenage females in 1977, United States, by state and HEW Region

The Part of the set of	Fe	males aged 14 and ye	ounger	Females aged 15-19					
123	Births‡ 1977	% Change in births 1976-1977	Abortions§ 1977	Births‡ 1977	% Change in births 1976-1977	Abortions§			
REGION I TOTAL	256	-5.2	564	18,736	+0.8	18.086			
Connecticut	104	+40.5	156	4,293	+0.9	4,593			
Maine II	34	+54.5	22	2,657	+2.6	705			
Massachusetts	86	-35.3	326	7,755	+0.9	10,454			
New Hampshire	7	-30.0	18	1,490	-1.1	649			
Thode Island	17	-19.0	30	1,606	+2.6	1,111			
/ermont	8	-20.0	12	935	-5.0	574			
	853	and the second se	and the first of the second						
EGION II TOTAL		-14.2	1,770	42,162	+0.6	42,491			
New Jersey	268	-13.5	305	11,948	-0.5	7,315			
lew York	585	-14.5	1,465	30,214	+1.1	35,176			
REGION III TOTAL	1,146	-4.3	2,191	55,310	-0.4	44,570			
Delaware I	60	+7.1	36	1,557	-3.7	727			
District of Columbia	96	+12.9	453	2,202	+0.1	7,185			
Maryland	229	-5.0	401	9,105	+0.1	8,061			
ennsylvania	395	9.0	791	23,492	-0.7	18,814			
/irginia	285	+6.3	477	12,535	+0.2	9,104			
Vest Virginia	81	-28.3	33		-0.8	679			
				6,419	a state of the second sec	1			
EGION IV TOTAL	3,526	+1.0	2,351	121,148	+0.3	47,817			
Alabama	405	-0.5	178	13,963	+1.2	3,625			
lorida	740	+2.4	671	22,234	+0.6	13.649			
Georgia	574	+5.1	466	18,184	+1.4	9,117			
Centucky	243	-9.7	188	12,765	-0.7	3,537			
Mississippi	440	+22.9	63	11,390	+1.6	821			
North Carolina	432	-4.8	406	17,786	-0.8	8,375			
South Carolina	312	-10.3	120	10,629	-0.5	3.097			
Cennessee	380	-1.6	259						
			and the second se	14,197	-0.5	5,596			
EGION V TOTAL	1,923	-8.9	1,474	111,557	-0.3	55,127			
llinois	603	-14.1	455	29,362	+0.9	17,429			
ndiana	275	-11.9	125	16.051	+0.5	3,208			
Aichigan 🖥	428	+6.7	302	22,628	0	11,282			
Minnesota	59	-13.2	137	7,048	+2.1	5,860			
Dhio	455	-9.5	341	27,446	-2.8	13,068			
Visconsin	103	-16.9	114	9,022	-0.5	4,280			
REGION VI TOTAL	1,956	-3.0	1,130	83,623	-0.1	24,973			
Arkansas	263	+8.2	60	8,440	-0.9	1,071			
ouisiana	431	-1.8	129	16,537	+3.0	2,558			
lew Mexico	54	-29.9	40	4,438	+1.1	1,430			
Okiahoma I	147	-16.9	118	9,594	-2.0	2,609			
Texas II	1,061	1.8	783	44,614	-0.7	17,305			
EGION VII TOTAL	411	-7.0	474	28,798	+0.5	10,583			
owall	63	+14.5	79	6,241	+1.2	1,764			
Cansas	66	-33.3	135	6,145	-0.9	2,893			
Aistouri	247	-5.7	206		+0.9	4,086			
vebraska	35	+34.6	54	13,162					
Nebraska	35			3,250	+0.3	1,840			
REGION VIII TOTAL	161	+7.3	225	17,279	+2.9	7,217			
colorado	62	-6.1	138	6,324	-1.6	4,082			
Aontana	21	+31.3	19	1,988	+2.5	862			
North Dakota	9	-35.7	20	1,514	+2.4	647			
South Dakota	22	+29.4	14	1,798	+6.0	572			
Jtah	40	+53.8	29	4,285	+6.2	884			
Nyoming	7	-36.4	5	1,370	+12.3	170			
EGION IX TOTAL	1,010	-3.2	2,311	63,814	-0.8	59,417			
Arizona	100	-26.5	64	7,114	-3.2	1,904			
California¶	861	-0.5	2,158	52,856	-0.3	55,052			
lawaii	20	+42.9	48	2,122	-4.9	1,165			
Vevada	29	+3.6	41	1,722	+0.6	1,296			
EGION X TOTAL	213	-0.9	174	and the second se					
			474	16,727	+1.0	14,601			
Alaska	18	+125.0	8	1,117	+9.1	316			
daho	32	+10.3	18	2,706	+1.4	356			
Dregon	69	+3.0	146	5,318	-1.0	4,501			
Vashington	94	-15.3	302	7,586	+1.1	9,428			
NITED STATES TOTAL	11,455	-4.0	12,964	559,154	+0.1	324,882			

"By state of residence.

tBy state of occurrence.

‡Preliminary tabulations provided by the National Center for Health Statistics.

Bota from states as reported in the 1977 Abortion Surveillance Report (2), except as noted for individual states. This state did not report abortions by age in 1977. The estimate was derived by assuming that the percentage of abortions that occurred to females of each age group was the same as the average for known states in the ragion.

The 1976 distribution by age for California was applied to the 1977 total abortions reported by California.

April 11, 1980

Teenage Childbearing – Continued

	Age 14 and under	Age 15-17	Age 18-19
Total births, 1977*	11,455	213,788	345,366
Percent change from 1976	—4.0	0.8	+0.6
Total abortions, 1977†	12,964	135,801	189,081
Percent change from 1976	—2.5	+7.2	+8.5
Total abortions and live births, 1977	24,419	349,589	534,447
Percent change from 1976	—3.2	+2.2	+3.3
Fertility rate, 1977‡	2.0	34.5	82.2
Percent change from 1976	1.5	0.4	+0.6
Abortion rate, 1977‡	2.2	21.9	45.0
Percent change from 1976	0	+7.6	+8.5
Resultant conception rate, 1977 (Fertility rate + abortion rate)	4.2	56.4	127.1
Percent change from 1976	-0.7	+2.5	+3.2

TABLE 2. Births, fertility rates, abortions, and abortion rates for teenage females in 1977 with percent change from 1976, United States

*National Center for Health Statistics. Monthly vital statistics report; final natality statistics, 1977. (Vol. 27, no. 11). Hyattsville, Maryland: National Center for Health Statistics, Feb. 5, 1979. (DHEW publication no. (PHS)79-1120).

[†]Age distribution of abortions for 15- to 19-year-old teenagers (from: CDC. Abortion surveillance report, 1977. Atlanta: CDC, Issued September 1979) was applied to total abortions for 15- to 19-year-old teenagers in Table 1.

#Births and abortions per 1,000 females in each age group. Denominators for ages 12-14, 15-17, and 18-19 were taken from U.S. Bureau of the Census. Current population reports. Washington, DC: Department of Commerce, January 1980. (Series P-25: no. 870).

Editorial Note: In 1977, the teenage birth rate increased for the first time since 1970, in spite of the increasing availability and use of contraception by teenagers (3), increasing federal expenditures for family-planning services (4), and an increasing abortion rate. The childbearing and abortion patterns in the ≤ 14 -year-olds indicate that increased national efforts may have had some impact, however.

An estimated 46% of teenage births are unintended (5); when the teenage conceptions in 1977 that terminated in abortion are taken into account, an estimated 70% of such teenage conceptions in that year appear to have been unintended. Although 1.3 million teenagers have access to federally funded family-planning services (4), these teenagers represent only 31% of the estimated 4.2 million sexually-active 15- to 19-year-old women who might wish contraception.

More teenagers used contraceptives in 1976 than in 1971; however, the number of pregnancies in 1976 increased, presumably because there were more sexually active teenagers that year. The actual risk of pregnancy in teenagers having premarital sex (estimated to be 28%) stayed the same (3). There was a continuing increase in the outof-wedlock birth rate for teenagers, apparently due to a decreasing tendency to marry because of pregnancy (3).

References

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- 2. CDC. Abortion surveillance report, 1977, Atlanta: CDC, 1979.
- Zelnick M, Kantner JF. First pregnancies to women aged 15-19: 1976 and 1977. Fam Plann Perspect 1978;10:11.
- Torres A. Organized family planning services in the United States, 1976-1977. Fam Plann Perspect 1979;11:342.
- CDC: Teenage fertility in the United States: summary 1960, 1970, 1974. Atlanta: CDC, February 1978.

Current Trends

Survey of Measles Surveillance Activities in State and Local Health Departments

In July 1979, CDC's Consolidated Surveillance and Communications Activity (CSCA) conducted a sample survey of health jurisdictions (generally county health departments) to describe national measles surveillance and control activities. A total of 123 health agencies were surveyed, including 109 local health departments (34 small, 35 medium, and 40 large),* 4 regional health districts, and 10 state health departments.

The most widely accepted criterion of a reportable case of measles is a report that is submitted by a physician, public health nurse, or school nurse and is supported by clinical or laboratory data. In 65% of the health jurisdictions, a physician report without clinical or laboratory data is acceptable evidence of a measles case. Private physicians and public health or school nurses are the most important sources of measles reports. Nearly a third of the respondents require reports even when no cases have been detected.

Estimates of the percentage of total measles cases that are actually reported to the health department vary widely. About one-fourth of the local health departments were

*Jurisdictions in each state were divided into 3 categories according to population size, and 1 jurisdiction was sampled from each category.

(Continued on page 165)

direction and the second states of the second state	14th Wi	EEK ENDING		CUMULATIVE, FIRST 14 WEEKS				
DISEASE	April 5, 1980	April 7, 1979*	MEDIAN 1975-1979	April 5, 1980	April 7, 1979*	MEDIAN 1975-1979		
Aseptic meningitis	44	29	29	843	677	500		
Brucellosis	1	-	1	45	20	39		
Chickenpox	7,014	8,121	6,593	75,920	90,141	81,054		
Diphtheria		-	3	1	2	2:		
Encephalitis: Primary (arthropod-borne & unspec.)	8	4	15	157	122	17		
Post-infectious	4	4	4	41	53	5		
Hepatitis, Viral: Type B	302	263	274	4,256	3,646	3,95		
Туре А	539	598	620	7,138	7,994	8,96		
Type unspecified	273	203	155	3.092	2,780	2,25		
Malaria	18	5	6	354	103	8		
Measles (rubeola)	578	477	862	3.897	4.479	7,75		
Maningococcal infections: Total	73	54	35	910	947	61		
Civilian	73	54	35	905	941	61		
Military				5	6			
Mumps	242	504	739	3.868	5.493	8.53		
Partusis	12	18	18	268	375	31		
Rubella (German measles)	129	394	478	1,336	3,881	4,93		
Tetanus	-	1	1	10	8	1		
Tuberculosis	494	509	607	6,713	7,121	7.73		
Tularemia	-	1	1	22	27	1		
Typhoid fever	1	5	5	77	108	9		
Typhus fever, tick borne (Rky. Mt. spotted)	2	2	2	9	18	1		
Venereal diseases:	and the local sectors	1.1		and the second sec				
Gonorrhea: Civilian	15,214	19.512	18,791	252,135	256.304	248,70		
Military	490	547	547	7,286	7.612	7.61		
Syphilis, primary & secondary: Civilian	430	501	423	7.213	6,601	6.60		
Military	4	4	4	102	85	8		
Rabies in animals	125	117	70	1,355	962	66		

TABLE I. Summary — cases of specified notifiable diseases, United States [Cumulative totals include revised and delayed reports through previous weeks.]

TABLE II. Notifiable diseases of low frequency, United States							
	CUM. 1980		CUM. 1980				
Anthrax	-	Poliomyelitis: Total	2				
Botulism 1	10	Paralytic	ī				
Congenital rubella syndrome	23	Psittacosis † (Mass. 1)	19				
Leprosy t (N.J. 1, Tex. 1, Hawaii 1)	40	Rabies in man					
Leptospirosis †	13	Trichinosis	10				
Plaquet	_	Typhus fever fles-borne lendemic musice) /Tex 4)					

* Delayed reports received for calendar year 1979 are used to update last year's weekly and cumulative totals.

1Delayed reports: Botulism: Mass. +2 (1979); Leprosy: Mass. +1 (1979); Leptospirosis: Miss. +2 (1979), Oreg. +1 (1979); Plague: Oreg. +3 (1979); Pittacosis: Ark. -1 (1979), Oreg. +16 (1979)

	ASEPTIC	BRU	CHICKEN				ENCEPHALI	TIS	HEPATI	TIS (VIRA	L), BY TYPE		
REPORTING AREA	GITIS	LOSIS	POX	DIPHT	HERIA	Pri	imary	Post-in- fectious	B	A	Unspecified	MA	LARIA
	1980	1980	1980	1980	CUM. 1980	1980	1979°	1980	1980	1980	1980	1980	CUM. 1980
INITED STATES	44	1	7,014	-	1	8	4	4	302	539	273	18	354
WEW ENGLAND	2	-	610	_	-	-	1	-	5	6	5	3	26
Aaine †	1	-	105	-	-	-	-	-	-	-	-	2	5
N.H. T	-	-	21	_	2	-	-	_	-	1		1.1	2
Vt. Mass.		_	255	-	_	_	ī		1	2	4	-	14
R.I.	-	_	47	-	-	-	-		-	2	-	-	1
Conn.	1	-	177	-	-	-	-	-	4	-	1	1	4
MID. ATLANTIC Upstate N.Y.	5	-	421	-	1	4	_	-	49 5	40 8	11	1	57 7
N.Y. City	3		157 51	-	1	2		_	4	2	1	1.2	23
N.J.	1	-	NN	-		1	-		9	11	6	-	17
Pa.	1	-	213	-	-	1	-	-	31	19	3	1	10
E.N. CENTRAL	1	_	3,650	-	-	1	3	1	45	85	24	2	12
Dhia†	-	1	270	1	- 2	- 2 -	1	1	5	13	9	- 2	3
Ind.† III.	_	1	158 1,033	-	-		1		14	43	3		3
Mich.	1	-	1,529		-	1	1		19	20	9	-	3
Wis.	-	-	660	-	-	-	-	1	4	6	1	-	3
W.N. CENTRAL	4	-	718	-	-	-	-	-	6	25	5	3	12
Minn.† Iowa	Ĩ.	-	1 254	-	1	_	Ξ	1	1	13	-	2.1	5
lowa Mo.	1	-	89	-			-		2	4	2	2	2
N. Dak.	-	-	4	-	-	-	-	-	-	-	-	-	-
S. Dak.	2	-	2	-	-	-	-	-	-	-	-	-	-
Nebr. Kans.	- 2	1	2 366	-	1	25	-	-	3	7	- 2	1	1 2
						-	-				35	2	35
S. ATLANTIC	15	- 2	529		-	-	-	1	84	86	35	-	
Md.	3	-	24	_		-	-	-	6	8	5	-	5
D.C.	-	-	3	-	-	-	-	-	1	2	-	-	1
Va.t	-	-	20	_	2		1	1	15		4	-	12
W.Va. N.C.	ī	-	82 NN	- 2 -			-		4	4	4	1	4
S.C.	i	-	33	_	-	-	-	1	25	i	3	-	2
Ga	-	-	5	-	-	-	-	-	13	5		1	3
Fla.	10	-	355	-	-	-	-	1	20	58	19	-	6
E.S. CENTRAL	2	-	163	-	-	1	-	-	17	27	8	-	
Ky.	2	-	119	-	-		-	-	1	3		-	2
Tenn.	- 2	-	NN 22	_	-	1	-		8	12	17		2
Ala. Miss.	-	_	22	-	-	-	-	-		ĩ	-	-	-
W.S. CENTRAL	3	1	437	-	-		-	-	25	88	90	1	32
Ark.	1	-	8	-	-	-	-	-	1	8	2	1	2
La.	-	-	NN	-	-	-	-		-	9	n.	-	14
Okla. Tex.	2	ī	429	-		1		-	- 3 21	71	77	-	9
MOUNTAIN	2		67		_	-	-	-	8	58	46	2	18
Mont.t	-	-	8	-		-	-	-	-	Z	-	-	-
Idaho	-	-		-				_	-	2	2.1	- 2	ī
Wya.t Cola.t	1	-	55	_	- 2 -	_	-	_	3	12	3	-	a
N. Mex.	-	-	2	-	-	-	-	-		-	-	-	1
Ariz.	-	12	NN	-	-	-	1	-	3	25	31	z	7
Utah Nev.	ĩ	_	1	-	-	-	-	-	z	8 9	6	-	1
			_										
PACIFIC	10	-	419	-	-	2	1	2	63	124	49	6	158
Wash. Oreg.	1		396 5	-	-	1		2	2	30	ž		11
Calif,t	8	1.2	-			1			52	74	43	4	132
Alaska	-	1.2	7	-	-	-	-	-	-	-		_	1
Hawaii	1	-	11	-	-	-	-	-	2	1	-	1	1
Guam† P.R.†	NA 3	NA	NA 26	NA -	-	NA _	-		N A 2	N A 4	NA 1	NA 1	1
V.I.	NA	NA	NA	NA	-	NA		-	NA	NA	NA	NA	-
Pac. Trust Terr.	NA	NA	NA	NA	-	NA	-	-	NA	NA	NA	NA	-

TABLE III. Cases of specified notifiable diseases, United States, weeks ending April 5, 1980, and April 7, 1979 (14th week)

NN: Not notifiable. NA: Not available.

*Delayed reports received for 1979 are not shown below but are used to update last year's weekly and cumulative totals.

The following delayed reports will be reflected in next week's cumulative totals: Asep. meng.: Ind. +1; Chickenpox: Maine +8, N.H. +33, Ohio -1, Calif. +74, Guam +4, P.R. +22; Hep.B: N.H. +1, Minn. -1, Colo. +1; Hep.A: N.H. +1, Minn. -1, Colo. +1; Hep.A: N.H. +1, Mont. +1, Colo. +1, Guam +3; Hep. unsp.: Ohio -1, Va. -1, Mont. -1, Colo. +1, Guam +3; Malaria: Ind. +1, Wyo. +1.

				1				th week)				
REPORTING AREA	M	EASLES (AU	BEOLA)	MENING	TOTAL	FECTIONS	ň	NUMPS	PERTUSSIS	RUB	ELLA	TETANUS
	1980	CUM. 1980	CUM. 1979°	1980	CUM. 1980	CUM. 1979*	1980	CUM. 1980	1980	1980	CUM. 1980	CUM. 1980
UNITED STATES	578	3,897	4,479	73	910	947	242	3,868	12	129	1,336	10
NEW ENGLAND	49	320	126	4	52	29	6	353	-	2	77	-
Maine† N.H.†	15 14	19 154	4 5	_	2	1 4	1	149	- 2	2	31 18	2
Vt.	16	131	17	-	5	2	-		-	-	-	-
Mass.	3	11			19	10	- 3	104	-	-	17	-
R.I. Conn.	1	2	100	2	5 17	12	1	12		- 2	2	_
MID. ATLANTIC	134	923	330	17	151	130	15	475	-	24	117	2
Upstate N.Y.	39	243	162	4	55	46	3	40	-	13	64	1
N.Y. City N.J.	60	287	134	4	47	33	2	26	-	2	26	-
Pa.	20	171 222	24 10	2	27	35	5	58 351	- 2	9	23	1
												- 1
E.N. CENTRAL Ohiot	141	558	997	10	98	91	174	1,488		28	331	_
Ind.†	10	53 31	78		31 14	32 22	22	597	-	2	2 122	
10.	34	129	361	3	17	3	18	181	-	9	68	-
Mich.	36	152	356	6	28	25	111	499	-	12	89	-
Wis.†	60	193	198	1	8	9	19	162	-	5	50	-
W.N. CENTRAL Minn.	58	484	448	3	37	36	8	129	1	14	123	2
lowa	47	329	201 3	2	11	6	1 2	5 17	-	10	18	1
Mo.	11	58	228	-	12	20	2	51	-	4	29	
N. Dak.	-	-	6	-	1	1	-	3	1	_	3	-
S. Dak.	-	-	1	-	3	2	-	1	-	-	-	-
Nebr.† Kans.	-	45 52	- 9	-1	-	-	-	8	-		-	-
	-				5	3	3	44			70	1
S. ATLANTIC Del.	103	850 1	676	26	235 2	248 2	15	393	4	8	1 30	2
Md.	2	21	5	5	23	16	7	131	-	-	-	_
D.C.	-	-		-	-	-	-	2	-		-	-
Va.†	7	158	66	-	17	37	2	36	-	2	9	1
W. Va.† N.C.	1	9 37	34 75	4	6 44	3 36	2	46 61		1	9	
S.C.	15	106	78	5	31	33	1	14	-	2	44	1
Ga.	49	344	63	5	52	37	-	-	3	-	-	-
Fla.	29	174	355	7	60	84	3	73	1	-	34	-
E.S. CENTRAL	-	106	57	6	88	75	7	567	2	5	53	-
Ky.	-	31	14	-	24	13	4	522	-	2	24	-
Tenn. Ala	1	9	8 28	2	21	24 18	-	17 8	ā	2	26	-
Miss.	-	51	28	1	26	20	3	20	1	1	3	- 1
W.S. CENTRAL	44	289	533	5	94	162	6	115	-	6	43	
Ark.	-	1	6	ĩ	5	13	-	13	_	-	1	
La.	-	9	143	-	26	74	-	22	-	-	3	-
Okla. Tex.	35 9	194	3 381	- 4	9 54	16 59	- 6	80	-	6	1	-
MOUNTAIN Mont.	16	81 1	86 25	-	28	40	2 1	102	3	1	38	- 2 -
Idaho	-		25	-	3	2	-	10	-		7	-
Wyo.	-	-	-	-	ĩ	-	-		-	-		-
Colo.†	1	4	9	-	8	1	1	20	3	-	1	-
N. Mex.† Ariz.		1	13	-	5	2	-	-	-	-	3	
Utah	12 3	41 32	20 13	-	4 1	25 3		13	-	1	9 14	
Nev.	-	2	3	-	5	4	-	4	-	-	3	-
PACIFIC	33	286	1,226	2	127	136	9	246	2	41	424	4
Wash.	8	107	671	-	18	20	6	79	-	7	29	-
Oreg.	-	-	16	1	27	10	-	38	-	-	28	-
Calif. Alaska	25	173	479	1	80	100	3	123	2	34	366	4
Hawaii	-	3	46		2	2		4	_		1	-
		-						-			~	
Guam	NA	1	1	-	_	-	NA	3	NA	NA	-	-
P.R.	9	37	132	-	5	-	6	41	-	2	5	3
V.1. Pac. Trust Terr.	NA NA	4	2	-	1	2	NA	1	NA	NA	ī	121
					-	1	NA	1	NA	NA		

TABLE I'l (Cont.'d). Cases of specified notifiable diseases, United States, weeks ending April 5, 1990 and April 7, 1970 (14th week)

NA: Not available. *Delayed reports received for 1979 are not shown below but are used to update last year's weekly and cumulative totals. †The following delayed reports will be reflected in next week's sumulative totals: Measles: N.H. +4, Ind. -1, Wis. -3, Nebr. +5, Va. -1, W.Va. -1, Colo. -1; Men. inf.: Ohio -1, Ind. +1, N.Mex. +1; Mumps: Maine +1, N.H. +1; Rubelia: N.H. -1, N. Mex. +1.

TABLE III (Cont.'d). Cases of specified notifiable diseases, United States, weeks ending April 5, 1980, and April 7, 1979 (14th week)

	TUBE	RCULOSIS	TULA- REMIA		HOID		S FEVER borne)			AL DISEASES (T			RABI (in
REPORTING AREA				FE	VER		ASF)		GONORRHEA		SY	PHILIS (Pri.		Animals
Water and the second strains	1980	CUM. 1980	CUM. 1980	1980	CUM. 1980	1900	CUM.	1980	CUM. 1980	CUM. 1979*	1980	CUM. 1980	CUM. 1979°	CUN 198
NITED STATES	494	6,713	22	1	77	2	HIL BO	15,214	252,135	256, 304	430	7,213	6,601	1,3
EW ENGLAND	11	199	-	-	5	1	1	418	6,591	0,790	1	212	117	
laine	-	13	-	-	-	-	_	18	409	447	-	1	1	
.H.	-	3	-	-	-	-	-	13	238	220	-	-	6	
't.	-	7	-	-	-	-	-	10	183	119	-	1	_	
ass.	8	96	-	-	3	1	1	153	2,649	2,691	-	138	77	
	-	25	-	-	1	-	-	28	390	556	1	8	3	
onn.	3	55	-	-	i	-	-	196	2,722	2,757	-	64	30	
ID. ATLANTIC	76	1,225	1		19	-	1	1,297	27,131	27, 324	42	969	1,037	
pstate N.Y.	21	242	-	-	- 4	-	-	332	4,819	4:035	5	79	80	
Y. City	26	428	1	-	8	-	-	500	10,937	10.417	21	624	701	
.J.	18	270	1.0	-	3	-	-	40	4,484	5,582	8	126	136	
а.	11	285	-	-	4	-	1	425	6,891	7,290	8	140	120	
N. CENTRAL	72	918	1	-	7	-	-	2,696	40,872	39,754	74	796	889	
hiot	7	150	-	-	1	-	-	591	10,573	11,109	12	109	179	
nd.	5	107	-	-	-	-	-	210	4,029	3,254	4	66	48	
	20	349	-	-	3	-	-	1,071	13,220	12,660	38	370	528	
ich.†	36	251	1	-	3	-	-	633	8,893	9,159	19	219	103	
is.	4	61	-	-	-	-	-	191	4,157	3,572	1	32	31	
N. CENTRAL	25	223	8	2	1	-	2	631	11,179	12,278	5	75	88	
inn.	4	35	1		_	-	-	210	1,988	2,131	4	29	29	
wa		19	4	-	-	-		79	1,209	1,637		3	10	
0.	10	105	2	1	_		2	210	4,697	5.089	1	40	33	
Dak.	-	7	-				-	1	149	211	-	1	-	
Dak.†	6	14		-	1	-		18	348 921	411	-	2	1	
abr.† ans.	-	31	1	-	-	-		84	1,867	841 1,958	-	1	15	
ATLANTIC	100	1,525	7	1	17	-	2	4,518	61,749	61,201	128	1,717	1,634	
el.	1	22	-	-	1	-		24	862	990	-	5	10	
d.	12	182	1	-	2	-		474	6,414	7,471	19	131	114	
.C.	1	79	-	-	3	-	-	346	4,600	3,821	14	125	120	
a.	7	175	-	-	3	-	-	357	5,128	5,793	15	149	165	
l. Va.	-	61	-	-	2	-	-	70	798	903	-	4	22	
.C.	24	278	2	-	1	-	2	516	9,567	9,348	6	129	147	
C.†	4	123	-	-	1	-	-	340	5,786	5,215	1	83	86	
a.	13	196	4	-	-	-	-	877	11,106	11,084	39	499	434	
la.	38	409	-	1	4	-	-	1,514	17,488	15,976	34	592	536	
S. CENTRAL	53	617	1	-	2	1	1	886	19,965	22,043	20	562	454	
y.	12	130	-	-	1	-	-	124	2,945	2,925	-	33	46	
enn.t	9	188	1	-	-	1	1	387	7,188	7,863	10	226	184	
la.	24	188	-	-	1	-	-	117	5,557	6,447	6	113	94	
iss.	8	111	10	-	-	-	-	260	4,275	4,808	4	190	130	
S. CENTRAL	74	630	-	-	2	-	2	2,371	32,919	33,802	99	1,350	1,123	
rk.†	13	55	-	-	-	-	-	144	2,434	2,611	4	51	37	
8.	16	139	-	-	-	-		660	5,525	5,938	16	311	239	
kla.	5	63	-	-	-	-	1	133	3,201	3,037		18	21	
ix.	40	373	-	-	2	-	1	1,434	21,759	22,216	79	970	826	
OUNTAIN	9	187	2	-	5	-	-	747	9,723	9,823	8	177	94	
ont. Iaho	-	9		-	1	-	-	43	369	551	1	1.2	6	
	2	9	1	-	-	-	1.1	14	472	430		12		
ya.† olo.	-	13	-	-	1.7	- E I	-	202	272	262	5	46	32	
. Mex.1		20	-		1	-	-	202	2,482	2,666		46	32	
riz,†	1	34		-	1	_	-	210	2,470	1,287	1	62	19	
tah	6	86	1	-	1	-	-	35	2,679	2.643	-	5	2	
ev.	-	11	-	-	-	-		114	1,673	1,505	2	19	12	
ACIFIC	74	1,189	2	-	19	-	-	1,648	42,006	43,289	53	1,355	1.165	
	9	99		-	-	-	-	203	3,252	3,835		92	70	
reg.	2	55	-	-		-	-	177	3,080	2,851	3	32	59	
alit. Jaska t	63	1,014	2	-	19	-	-	1,156	34,133	34,551	35	1,181	1,007	
laska † awaii	-	7	-	-	-	-	-	78	1.001	1,370		2	5	
awail		14	-	-	-	-	-	34	540	682	15	48	24	
	NA	4		NA	_	A A		NA	16	27	NA		_	
		4	-	NA	-	NA	-					-	-	
uam t R	-	27	_	_	-	_	-	61	710	520	11	154	145	
uam † .R. .l.	2	32	Ξ.		1	NA	-	51 NA	710 40	520 45	11 NA	156	145	

NA: Not available. *Delayed reports received for 1979 are not shown below but are used to update last year's weekly and cumulative totals. *Delayed reports received for 1979 are not shown below but are used to update last year's weekly and cumulative totals.

The following delayed reports with be reflected in nax week's comulative totals: TB: Mich. – 1, S.C. – 1, Guam +4; RMSF: Ark, +1; GC: Wyo. +3 mil., Guam +9 civ. +9 mil.; An. rabies: Ohio +1, S.Dak. +34, Nebr. +2, Tenn. +1, N.Mex. +3, Ariz. +1, Alaska +2.

TABLE IV. Deaths in 121 U.S. cities,* week ending April 5, 1980 (14th week)

		ALL CAUS	ES, BY AG	E (YEARS)		=		-	ALL CAU	SES, BY AG	E (YEARS)		
REPORTING AREA	ALL	>65	45 64	25-44	<1	P& I** TOTAL	REPORTING AREA	ALL AGES	>65	45-64	25-44	<1	P & 1** Total
NEW ENGLAND	583	393	123	33	18	49	S ATE INTIC	1,449	881	364	95	74	75
Boston, Mass	151	90	37	12	6	15	Atlanta, Ga.	162	94	39	23	5	5
Bridgeport, Conn.	43	27 16	12	3	1	3	Baltimore, Md. Charlotte, N.C.	324	204 35	73	20 9	L5 4	8
Cambridge, Mass. Fall River, Mass.	26	20	4	1	-	î	Jacksonville, Fla.	88	53	23	5	6	3
Hartford, Conn.	43	31	9	1	2	-	Miami, Fla.	125	69	37	10	7	3
Lowell, Mass.	22	15	4	2	-	1	Norfolk, Va.	59	33	17	3	3	
Lynn, Mass. New Bedford, Mass.	21	17	3	-	Ξ	-	Richmond, Va. Savannah, Ga.	100	65	28	3	2	12
New Haven, Conn.	16	13	14	3	2	i	St. Petersburg, Fla.	55 112	32 95	10	ź	5	5
Providence, R.1.	17	54	14	5	2	a	Tampa, Fla.	73	50	15	2	1	- 4
Somerville, Mass.	13	10	2	-	1.7	1	Washington, D.C.	218	119	59	13	24	- 4
Springfield, Mass.	37	27		.	2	2	Wilmington, Del.	53	32	17	3	-	8
Waterbury, Conn. Worcester, Mass.	26 45	20 32	5	1	3	6							
WUTCESTET, Widss.		32	1.1	•			E.S. CENTRAL	727	484	165	36	15	68
NID ATLANTIC	a		622	140	4.0	89	Birmingham, Ala.	126	82 39	32	4	5	2
MID. ATLANTIC Albany, N.Y.	2,201 60	48	533	160 2	60	89	Chattanooga, Tenn. Knoxville, Tenn.	63 46	39	13	4	2	د 5
Allentown, Pa.	28	18	a	2	-	-	Louisville, Ky.	107	67	25	5	3	13
Buffalo, N.Y.	88	50	29	1	5	4	Memphis, Tenn.	154	106	33	9	3	8
Camden, N.J.	24	12	7	4	-	L	Mobile, Ala	64	41	13	6		2
Elizabeth, N.J. Erie, Pa.t	17	13	4	1	-	1	Montgomery, Ala. Nashville, Tenn.	46 121	34 80	10	1	1	9
Jersey City, N.J.	43	24	12	2	1	-	Passiane, Lenu.	121	80	30		•	'
Newark, N.J.	46	24	12	6	1	6							
N.Y. City, N.Y.	1,167	747	258	99	32	38	W.S. CENTRAL	1, 353	744	405	99	40	57
Paterson, N.J. Philadelphia, Pa.+	21	15	1	1	- 4-	1	Austin, Tex.	43	28	10	5	- 7	2
Philadelphia, Pa.† Pittsburgh, Pa.†	206	116	51	26	ĩ	8	Baton Rouge, La. Corpus Christi, Tex.	42	24	15	1	1	2
Reading, Pa.	36	26	- 9	ĩ	1 ÷ 1	18 Î	Dallas, Tex.	184	104	54	- 11	10	5
Rochester, N.Y.	120	72	37	5	3	8	El Paso, Tex.	51	33	12	2	3	2
Schenectady, N.Y.	25	20	5	-	-	-	Fort Worth, Tax.	100	63	26	8	1	12
Scranton, Pa.† Syracuse, N.Y.	33	20	12	6	1 3	2	Houston, Tex.	504	235 29	170	46	14	13
Trenton, N.J.	41	22	14	ĩ	4	2	Little Rock, Ark. New Orleans, La.	47	30	15	i	_	-
Utica, N.Y.	27	22	4		-	6	San Antonio, Tex.	171	93	48	13	5	6
Yonkers, N.Y.	25	16	8	1	-	3	Shreveport, La. Tulsa, Okla.	45 81	26 54	13	3 5	2 3	3
E.N. CENTRAL	2,167	1.348	54.6	110	90	62							
Akron, Ohio	83	57	18	2	1	-	MOUNTAIN	563	341	134	38	29	20
Canton, Ohio	42	31	9	1	1	_	Albuquerque, N. Mex	. 68	37	17	6	3	5
Chicago, III.	587	339	155	36	29	13	Colo. Springs, Colo.	26	17	4	3	2	= 3
Cincinnati, Ohio	138	89 80	38	3	3	7	Denver, Colo. Las Vegas, Nev.	142	90 22	10	11	4	2
Cleveland, Ohio Columbus, Ohio	93	56	23	ŝ	5	6	Ogden, Utah	18	10	6	ĭ	- 1	3
Dayton, Ohio	87	60	19	2	3	2	Phoenix, Ariz.	124	73	35	6	7	2
Detroit, Mich.	282	175	66	19	18	8	Pueblo, Colo.	10	6	4		-	1
Evansville, Ind.	42	36	5	1	2	4	Salt Lake City, Utah	45 87	24 62	17	2	9 2	2
Fort Wayne, Ind. Gary, Ind.	24	12	7	i	3	i	Tucson, Ariz.		02	17	,	-	
Grand Rapids, Mich.	70	46	19	ī	3	4	15						
Indianapolis, Ind.	146	89	41	10	3	5	PACIFIC		1.256	391	105	69	58
Madison, Wis.	27	19 61	3 30	5	- 4	1	Berkeley, Calif.	28	19	12	3	1	5
Milwaukee, Wis. Peoria, III.	47	34	8	2	3	2	Fresno, Calif. Glendale, Calif.	25	23	2	-		
Rockford, III.	33	19	6	4	ä	-	Honolulu, Hawaii	53	36	13	3	1	7
South Bend, Ind.	30	21	5	2	-	-	Long Beach, Calif.	90	63	19	3	- 4	1
Toledo, Ohio	95	62	23	6	2	1	Los Angeles, Calif.	601	374	144	42	22	15
Youngstown, Ohio	59	40	13	2	3	-	Oakland, Calif. Pasadena, Calif.	80 18	49	16	8	6	3
W.N. CENTRAL	756	487	170	39	37	28	Portland, Oreg. Sacramento, Calif.	129	92 38	18	1	10	2
Des Moines, Iowa	71	49	12	4	3	5	San Diego, Calif.	136	89	25	9	3	-
Duluth, Minn.	27	20	4	-	3	4	San Francisco, Calif.	177	116	41	- 11	7	4
Kansas City, Kans.	32	21	8	-	-		San Jose, Calif.	170	117	39	5	3	8
Kansas City, Mo.	130	83	33	4	5	5	Seattle, Wash.	145	103	25	5	1	2
Lincoln, Nebr. Minneapolis, Minn.	31 79	16 54	12	4	27	1 2	Spokana, Wash. Tacoma, Wash.	47 49	35 31	6 12	4	32	3
Omaha, Nebr.	96	62	20	8	3	3	Facolita, Prasil.	49	31	12	-	-	-
St. Louis, Mo.	158	100	35	11	10	4							
St. Paul, Minn.	73	56	14	з	-	4	TOTAL	11,675	7,326	2,831	715	432	486
Wichita, Kans.	59	26	23	2	- 4	-							

*Mortality data in this table are voluntarily reported from 121 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

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

April 11, 1980

MMWR

Measles Surveillance - Continued

unable to estimate the percentage of reported cases. Another 25% estimated that less than half of the total measles cases are reported. On the other hand, a fourth of the local health departments indicated that at least 90% of the total cases are reported to them.

The person assigned the task of collecting and reporting the measles surveillance data to the state health department is a nurse in 42% of the local health departments. Non-physician epidemiologists (16%) and clerical staff (16%) are also assigned the task. Very rarely, physicians have the responsibility (4%).

Approximately 83% of the local health jurisdictions routinely investigate every case report of measles. In about 10% of the jurisdictions, only clusters of cases or cases of particular interest are investigated. In 65% of the health departments a nurse is the person responsible for following up a case report of measles. Occasionally, a non-physician epidemiologist (10%) or physician (6%) shares this responsibility with a nurse.

In over 80% of the health departments, the physician is contacted to confirm the diagnosis. Some contact is made with the patient in 85% of the jurisdictions. Most (76%) phone the patient to offer counsel and/or to identify contacts at risk. Less commonly (62%), a personal visit is made to patients. Nearly 70% of the jurisdictions provide contacts at risk with immunization or gamma globulin. In only 5% of the health departments is gamma globulin provided to contacts at risk without confirmation of the diagnosis by the physician.

Two-thirds of the health departments reported that at least 75% of reported cases in non-epidemic settings receive complete investigations. In contrast, one-fourth of the local jurisdictions felt that less than 25% of their measles case reports receive complete investigation. Eighty-five percent of local jurisdictions notify the state health department of the cases under investigation. About 75% estimate that less than half of the suspected cases are confirmed as true cases, and in only 6% of the jurisdictions are virtually all reported cases verified as measles. Three-fourths of the agencies have available a county, city, or state laboratory with the capacity to measure measles antibody titers to aid in confirming cases.

Measles case reports are analyzed in about 60% of the health jurisdictions. Fifteen percent make a simple case count of measles reports, whereas in about 20% a more detailed analysis is done. Nearly 70% of the respondents compare their local measles data with information from other sources, most commonly national and regional statistics and previous rates in the same area. About 40% of the health departments compare their data with case reports from other areas.

About half of the agencies in the study routinely distribute their analyses of measles surveillance data to health department staff and health-care providers. In about 40% of the jurisdictions, the information is distributed to interested groups in the community, to schools, and to the news media. About 40% publish a newsletter regularly, usually monthly. Such newsletters are more common in the large health jurisdictions (52%) than in small (21%) and medium-sized (26%) ones.

The reported number of measles cases in each local area has a varied impact on the measles programs and policies of the health department. The greatest impact is in disease control, but reporting is also important in stimulating surveillance efforts, determining staff assignments, and developing and assessing programs. Measles surveillance data have little impact on the program budget or laboratory activity. The national measles surveillance data have lance data have had a similar but slightly smaller impact on the local programs and policy.

Various surveillance publications are available to the local health departments. Two publications considered to be most important for their impact on the measles programs are the state health department guidelines and the MMWR. Only 3 of the 123 respondents

Measles Surveillance – Continued

stated that they could work effectively without state health department guidelines. The MMWR, including ACIP recommendations, was ranked as the most important publication in 29% of the jurisdictions and was considered second most important by another 39%. Less than 7% of the respondents stated that they could work effectively without the MMWR.

Almost all (97%) of the respondents agreed that measles should be a reportable condition in their districts. About 80% of those in favor of measles surveillance suggested that these data should be analyzed completely, with detailed epidemiologic information on such factors as age, sex, and race. More than 95% indicated that measles data should continue to be analyzed at the national level.

Reported by the Conference of State and Territorial Epidemiologists; Immunization Div, Bur of State Services, Consolidated Surveillance and Communications Activity, Bur of Epidemiology, CDC. CDC.

Editorial Note: Many public health resources at the state and local level are used in the surveillance and control of measles. Since the time of this survey, surveillance and investigation of suspected measles cases have intensified as part of the program to eliminate indigenous measles by October 1982. Nearly every suspected case of measles that is reported is now being investigated promptly. A telephone survey of 52 reporting areas (the 50 states, Washington, D.C., and New York City) in January 1980, revealed that 47 thought that at least 50% of all measles cases that occurred were reported; 31 estimated that 80% or more of cases were reported.

Epidemiologic Notes and Reports

Measles Associated with Fort Dix

Between January 4 and March 22, 1980, Fort Dix, New Jersey, reported 87 measles cases, many of which were laboratory confirmed.

Two recruits who left Fort Dix during this outbreak developed measles at their new stations—Aberdeen Proving Grounds, Maryland, and Fort Eustis, Virginia. Both sites subsequently had measles outbreaks, which totaled 10 confirmed and 16 suspected cases. Measles was also reported in recruits on leave from Fort Dix in New Hampshire and in California, and in 4 Fort Dix recruits recently stationed at Fort Belvoir, Virginia.

This series of outbreaks illustrates the problem of measles transmission in the highly mobile military population. In January, the Armed Forces Epidemiological Board met to discuss this problem and subsequently issued the following recommendations:

- "(a) The Armed Forces establish a routine program for immunizing recruits against measles combined with the established program against rubella.
 - (b) To obtain maximum benefit from these vaccines, they should be given by the eighth day after induction.
 - (c) Where laboratory facilities are available, screening for susceptibility and selectively immunizing the identified susceptibles is preferable.
 - (d) These vaccines should be given to all recruits except those women found to be pregnant by appropriate testing. Immunized women will be admonished to avoid pregnancy for a period of at least 3 months following receipt of vaccine."

Since these recommendations were issued on February 20, immunization of recruits has begun at many Army bases. Because of measles transmission in Army personnel who have completed basic training and are in advanced training programs, these personnel are also being immunized at many bases. As of March 31, Fort Dix had given

5,845 immunizations; Aberdeen Proving Grounds, 1,792; Fort Belvoir, 1,680; and Fort Eustis, 2,897.

Reported by Col WA Smith, MC, Chief, Preventive Medicine Activity, Fort Dix, New Jersey; Col DC Warren, MC, Commander, Kirk Army Clinic, Aberdeen Proving Grounds, Maryland; Lt Col KE Zahn, ANC, Chief, Preventive Medicine Activity, Fort Belvoir, Virginia; Maj DE Hammack, MSC, Chief, Preventive Medicine Activity, Fort Eustis, Virginia; Col DM Rosenberg, MC, Chief, Preventive Medicine Div, Health Services Command, Fort Sam Houston, Texas; Col T Nowosiwsky, MC, Chief, Lt Col FJ Erdtmann, MC, Disease Control Consultants, Preventive Medicine Consultants Div, Office of the Surgeon General, Dept of the Army; R Altman, MD, State Epidemiologist, New Jersey State Dept of Health; DA Sorley, MD, State Epidemiologist, Maryland State Dept of Health and Mental Hygiene; GB Miller, Jr, MD, State Epidemiologist, Virginia State Dept of Health; and Immunization Div, Bur of State Services, CDC.

Scombroid Fish Poisoning – Illinois, Michigan

Six outbreaks of scombroid fish poisoning affecting 60 persons have occurred since March 19 in Illinois and Michigan. In each outbreak mahimahi has been incriminated as the vehicle of transmission.

Illinois: On March 19, 30 of 240 persons (13%) attending a luncheon in Chicago became ill after eating mahimahi. Symptoms in the persons interviewed were typical of scombroid fish poisoning (1) and included headaches, facial flushing, conjunctival injection, diarrhea, and nausea. Illness began from 5 to 120 minutes after eating (mean 60 minutes). Histamine levels in excess of 90 mg/dl were subsequently found in fish from the luncheon.

On April 2, 3 other persons who ate mahimahi in a Chicago restaurant became ill with symptoms compatible with scombroid fish poisoning. On April 3, 2 more persons in Chicago, both unrelated to the earlier patients, developed symptoms compatible with scombroid fish poisoning after eating mahimahi. The fish implicated in both of these outbreaks had been purchased from the same dealer.

Michigan: On April 2, 21 of 26 persons (81%) who attended a dinner in Ann Arbor became ill with diarrhea, urticarial rash, and flushing within ½ hour to 3 hours of eating mahimahi. The fish had been purchased through a distributor in Detroit. Samples of meat taken from the party and frozen samples from the Detroit distributor revealed histamine levels in excess of 130 mg/dl.

On March 24, 2 persons eating mahimahi at a restaurant in suburban Detroit also developed signs and symptoms compatible with scombroid fish poisoning. On April 3, 2 persons eating at a different suburban Detroit restaurant became ill after eating this type of fish. The fish at these 2 restaurants had also been distributed by the Detroit supplier.

Reported by KT Reddi, MD, A Harris, MD, Chicago Dept of Health; L Strohm, PhD, Oakland County (Michigan) Health Dept; D Nolan, MD, Detroit City Health Dept; J Kowalczyk, University of Michigan Dept of Occupational Safety and Environmental Health, Ann Arbor; NS Hayner, MD, State Epi-

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The editor welcomes accounts of interesting cases, outbreaks, environmental hazards, or other public health problems of current interest to health officials. Send reports to: Center for Disease Control, Attn: Editor, Morbidity and Mortality Weekly Report, Atlanta, Georgia 30333.

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Scombroid Poisoning - Continued

demiologist, Michigan State Dept of Public Health; Food and Drug Administration; Enteric Diseases Br, Bacterial Diseases Div, Bur of Epidemiology, CDC.

Editorial Note: Although the clinical illness of scombroid fish poisoning takes its name from the association with fish of the family Scombridae, these outbreaks were associated with eating a fish in a different family. Mahimahi (*Coryphaena hippurus*), also called blue dolphin or dolphin fish, has been described in outbreaks of scombroid fish poisoning since 1973 (2) and in the period 1975-1979 was associated with 13 of the 31 scombroid outbreaks reported to CDC. Of these 13, 7 were in Hawaii, 2 in California, 2 in Washington, and 1 each in Colorado and Minnesota. The histamine levels reported were typical of those found in scombroid fish poisoning (3). The Food and Drug Administration is conducting investigations of the source and distribution of mahimahi associated with these outbreaks.

References

- 1. Kim R. Flushing syndrome due to mahimahi (scombroid fish) poisoning. Arch Dermatol 1979; 115:963-5.
- California State Department of Health. "Scombroid" poisoning from mahi-mahi. California Morbidity Weekly Report. no. 23, June 15, 1973.
- 3. Halstead BW. Class osteichthyes: poisonous scombrotoxic fishes. In: Halstead BW. Poisonous and venomous marine animals of the world. Princeton: Darwin Press, Inc., 1978:417-35.

Current Trends

Influenza – United States

For the week ending March 29, 1 state (Michigan) reported widespread outbreaks of influenza, and 1 state (Virginia) reported regional outbreaks. Nineteen states reported sporadic cases, and 17 states reported no activity.

For the week ending April 5, the number of pneumonia and influenza (P&I) deaths reported from 117 U.S. cities dropped below the epidemic threshold for the first time in 11 weeks.

Reported by the Immunization Div, Bur of State Services, and the Consolidated Surveillance and Communications Activity, Bur of Epidemiology, CDC.

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