

Morbidity and Mortality

Weekly
Report



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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended June 27, 1953

NOTICE

As required by law, we are circularizing the mailing list of the MORBIDITY AND MORTALITY WEEKLY REPORT. During this month you will receive a card to verify your mailing address and your continued interest in this publication. To remain on the mailing list, the self-addressed card must be returned no later than—

JULY 15, 1953

For the current week a total of 538 cases of poliomyelitis was reported. For the same week last year there was a total of 583. The cumulative total for the calendar year is now 4,057 as compared with 3,556 for the same period in 1952. The cumulative total since the seasonal low week is 2,543 as compared with 2,361 last year.

The following States reported an increase of 10 or more cases for the current as compared with the previous week: North Carolina, from 12 to 32 cases; Tennessee, from 8 to 19; Alabama, from 28 to 39; Mississippi, from 12 to 27; and California, from 40 to 59. Others reporting increases of 5 to 9 cases were: New York, from 22 to 28 cases; Pennsylvania, from 5 to 12; Ohio, from 15 to 21; Illinois, from 10 to 18; West Virginia, from 1 to 8; Kentucky, from 2 to 11; Louisiana, from 21 to 29; and Oklahoma, from 13 to 20. Missouri and Texas reported fewer cases than for the previous week.

Since the seasonal low week, 70 percent of poliomyelitis cases reported in North Carolina have been in the western third of the State. In Alabama the largest concentration of cases has been in Montgomery County, where mass prophylaxis with gamma globulin is now being carried out. Other counties in the State have reported small numbers of cases. Although cases are being reported in all parts of California, the largest numbers are still being reported from Los Angeles County. Each of 4 States, namely, Arkansas, California, Oklahoma, and Virginia reported 1 death from poliomyelitis.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. W. L. Halverson, Director, California Department of Public Health, reports a case of psittacosis in a 65-year-old woman. The patient developed symptoms of virus pneumonia which were fever, cough, and rales bilaterally. The white blood count was not significantly elevated. An X-ray showed spotted pneumonitis. The complement fixation test showed a rise in titer from 1:64 to 1:128. It was learned that the patient purchased a parrot at Christmas time, which had been sick. During the owner's illness, the parrot was returned to the pet shop where it died, and apparently was disposed of. Records at the shop did not reveal the source of the parrot.

Dr. D. L. Seckinger, District of Columbia Director of Health, reports the recovery of psittacosis virus from a parakeet. The bird died only a few days after it was purchased from a dealer. The source of the bird was not reported.

Infectious hepatitis

Dr. A. D. Hauser, Maryland Department of Health, reports that 68 cases of infectious hepatitis have occurred in St. Mary's County during an 11-month period, July 1, 1952 to June 1, 1953. For July and August of last year, 15 cases were reported in children attending 2 different schools. When schools opened in September about 2,000 children were inoculated with gamma globulin in 7 schools in the northern half of the county. Adequate supplies of the serum were then exhausted. Twenty-three more cases were reported in the northern part of the county during the last 4 months of the year. Since January 1, 1953, 30 cases occurred. Of these, 19 were in the southern part of the county where gamma globulin was not given. Among the 11 cases reported in the northern part of the county, 6 were in persons above school age.

Gastro-enteritis

Dr. Morris Greenberg, New York City Department of Health, reports that 19 persons became acutely ill with nausea, vomiting, cramps, and diarrhea following the ingestion of canned crab meat. It was stated that the incubation period was about 12 hours. A wholesale distributor bought 866 cans of crab meat from canners in a southern State. These were sold to various retailers and wholesalers in New York City. Fourteen cans were sold to one retailer and the contents of 10 were served to the individuals who became ill. The contents of the other cans were sold to unidentified customers. Steps are being taken to remove the suspected canned crab meat from all outlets. The source of the infection has not yet been determined. Laboratory tests are being made in connection with this outbreak.

Communicable diseases in other areas

It is reported that poliomyelitis appears to be spreading in the Egedesminde District of Greenland. On June 22 there were 15 cases in a hospital and 10 deaths have occurred. Physicians and nurses from Copenhagen are being supplied to cope with the outbreak. A high incidence has been reported in Brazil during the past 3 months.

Information has been received regarding the outbreak of equine encephalomyelitis in Cuba. Several thousand equine cases and several suspect human cases have been reported in the Province of Camaguey. Vaccination of horses is being carried out on an extensive scale. Preliminary reports indicate that this is an Eastern equine encephalomyelitis type of infection.

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Table 1. COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	TOTAL FOR WEEK ENDED		5-year median 1948-52	Approximate seasonal low week ended	CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK		5-year median 1947-48 through 1951-52	CUMULATIVE TOTAL FOR CALENDAR YEAR		5-year median 1948-52
	June 27, 1953	June 28, 1952			1952-53	1951-52		1953	1952	
Anthrax-----062	-	-	-	(¹)	(¹)	(¹)	(¹)	20	19	31
Botulism-----049.1	-	-	-	(¹)	(¹)	(¹)	(¹)	6	8	---
Brucellosis (undulant fever)-----044	44	58	---	(¹)	(¹)	(¹)	(¹)	² 789	1,030	---
Diphtheria-----055	30	27	51	July 1	2,700	3,626	7,429	1,030	1,381	3,009
Encephalitis, acute infectious---082	26	17	17	(¹)	(¹)	(¹)	(¹)	490	602	344
Hepatitis, infectious, and serum-----092,N998.5 pt.	659	162	---	(¹)	(¹)	(¹)	(¹)	³ 16,892	8,742	---
Malaria-----110-117	62	423	---	(¹)	(¹)	(¹)	(¹)	464	2,615	---
Measles-----085	10,653	10,133	10,133	Sept. 1	412,768	677,864	537,705	381,334	616,191	504,808
Meningococcal infections-----057	89	67	59	Sept. 1	4,519	4,171	3,255	3,245	2,929	2,207
Poliomyelitis, acute-----080	538	583	344	Apr. 1	⁴ 2,543	2,361	1,625	⁴ 4,057	3,556	2,702
Rabies in man-----094	⁵ 1	-	---	(¹)	(¹)	(¹)	(¹)	3	7	---
Rocky Mountain spotted fever---104A	19	22	21	(¹)	(¹)	(¹)	(¹)	116	120	146
Scarlet fever and streptococcal sore throat-----050,051	1,742	1,398	652	Aug. 1	130,411	38,875	74,128	93,823	71,421	52,025
Smallpox-----084	-	1	-	(¹)	(¹)	(¹)	(¹)	17	12	23
Trichiniasis-----128	6	8	---	(¹)	(¹)	(¹)	(¹)	141	185	---
Tularemia-----059	19	22	21	(¹)	(¹)	(¹)	(¹)	273	340	496
Typhoid fever-----040	76	90	57	Apr. 1	546	504	504	829	885	897
Typhus fever, endemic-----101	8	7	---	Apr. 1	62	58	---	100	85	---
Whooping cough-----056	684	850	1,270	Oct. 1	24,838	41,759	60,960	16,311	26,644	37,773
Rabies in animals-----	93	128	---	(¹)	(¹)	(¹)	(¹)	3,919	4,542	---

¹Not computed.²Addition: Rhode Island, week ended June 13, 1 case.³Additions: Rhode Island, weeks ended June 6 and 13, 1 case each.⁴Deductions: Georgia, weeks ended June 6 and 13, 1 case each—week ended June 20, 2 cases; New Mexico, weeks ended June 13 and 20, 1 case each.⁵Reported in New York.

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding

Saturday. When the diseases which rarely occur (cholera, dengue, plague, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, [()]: data not included in total; 3 dashes [---]: data not available.

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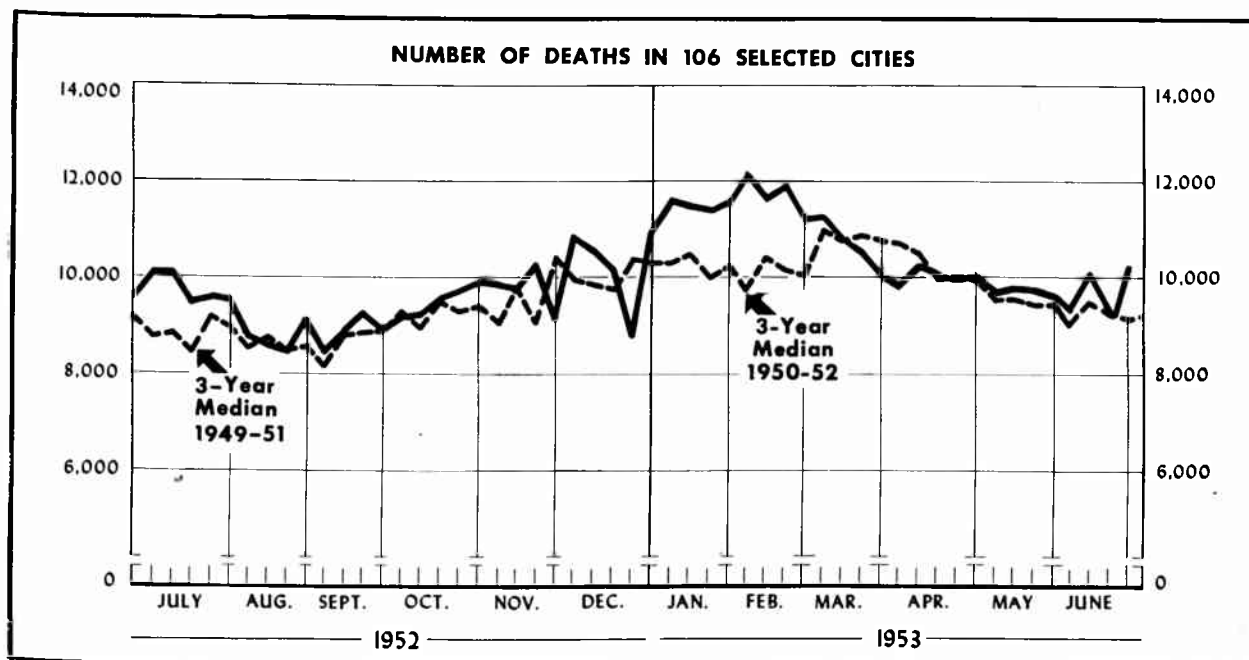
Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED JUNE 27, 1953

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	DIPHTHERIA (055)		HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.)		MEASLES (085)		MENINGOCOCCAL INFECTIONS (057)		POLIOMYELITIS, ACUTE (080)		SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)	
	25th week		25th week		25th week		25th week		25th week		25th week	
	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952	1953	1952
UNITED STATES-----	30	27	659	162	10,653	10,133	89	67	538	583	1,742	1,396
NEW ENGLAND-----	1	1	22	11	148	938	4	3	15	7	101	85
Maine-----	-	-	4	3	54	150	-	-	1	3	29	1
New Hampshire-----	-	-	1	-	1	16	-	1	3	-	5	1
Vermont-----	-	-	1	-	1	56	-	-	-	1	1	2
Massachusetts-----	1	1	9	6	49	394	2	1	3	1	41	40
Rhode Island-----	-	-	-	-	2	17	-	-	2	-	5	4
Connecticut-----	-	-	7	2	41	305	2	1	6	2	20	37
MIDDLE ATLANTIC-----	4	3	93	13	864	2,512	13	7	46	28	230	386
New York-----	1	1	75	5	448	1,110	5	5	28	21	176	302
New Jersey-----	2	-	-	-	73	1,110	3	-	6	3	56	48
Pennsylvania-----	1	2	18	8	343	292	5	2	12	4	18	36
EAST NORTH CENTRAL-----	4	-	73	10	2,699	3,191	13	15	61	62	184	223
Ohio-----	1	-	23	1	291	410	3	6	21	22	43	52
Indiana-----	3	-	20	3	275	48	2	3	7	9	16	3
Illinois-----	-	-	13	3	628	370	4	4	18	8	39	42
Michigan-----	-	-	13	2	718	554	2	2	11	13	56	82
Wisconsin-----	-	-	4	1	787	1,809	2	-	4	10	30	44
WEST NORTH CENTRAL-----	-	-	84	14	598	276	6	6	45	49	50	27
Minnesota-----	-	-	24	-	87	31	3	-	13	2	15	8
Iowa-----	-	-	23	2	248	62	-	-	1	20	7	2
Missouri-----	-	-	25	3	100	61	2	4	17	5	9	6
North Dakota-----	-	-	2	2	20	16	-	1	-	1	10	5
South Dakota-----	-	-	-	4	6	5	-	-	3	-	4	-
Nebraska-----	-	-	6	3	34	50	1	-	1	2	-	3
Kansas-----	-	-	4	-	103	51	-	1	10	19	5	3
SOUTH ATLANTIC-----	3	6	65	26	579	828	15	5	78	43	131	90
Delaware-----	-	-	-	-	5	17	1	-	-	-	3	1
Maryland-----	-	-	7	1	83	43	2	-	2	-	22	12
District of Columbia-----	-	-	1	-	12	18	-	1	2	1	2	-
Virginia-----	-	1	32	7	145	321	2	2	5	-	71	44
West Virginia-----	-	1	4	2	124	129	-	-	8	6	6	3
North Carolina-----	2	1	15	1	75	87	3	-	32	9	15	16
South Carolina-----	1	1	-	1	65	49	1	1	2	1	2	1
Georgia-----	-	2	3	10	28	126	2	1	18	16	4	10
Florida-----	-	-	3	4	42	38	4	-	9	10	6	3
EAST SOUTH CENTRAL-----	9	2	199	47	192	367	13	13	97	47	25	17
Kentucky-----	1	1	148	7	42	125	-	6	12	4	8	6
Tennessee-----	1	-	15	7	36	56	4	2	19	9	9	7
Alabama-----	1	1	15	30	22	180	8	3	39	8	7	4
Mississippi-----	6	-	21	3	92	6	1	2	27	26	1	-
WEST SOUTH CENTRAL-----	6	8	40	1	2,215	449	6	9	123	272	629	194
Arkansas-----	-	-	8	1	1495	55	1	1	11	8	27	37
Louisiana-----	-	-	-	-	76	27	2	2	29	36	1	1
Oklahoma-----	2	-	11	-	117	28	2	-	20	22	6	3
Texas-----	4	8	21	-	1,527	339	1	6	63	206	595	153
MOUNTAIN-----	2	1	24	10	640	470	7	1	11	20	158	264
Montana-----	-	-	-	-	45	49	-	-	-	5	1	3
Idaho-----	1	-	7	3	71	52	-	-	1	-	13	6
Wyoming-----	-	-	1	-	19	9	1	-	1	2	82	26
Colorado-----	-	-	8	3	173	208	2	1	2	5	23	7
New Mexico-----	-	-	1	1	95	20	1	-	4	6	8	1
Arizona-----	1	-	7	3	122	63	1	-	3	2	8	191
Utah-----	-	1	-	-	112	68	2	-	-	-	23	30
Nevada-----	-	-	-	-	3	1	-	-	-	-	-	-
PACIFIC-----	1	6	59	30	2,718	1,102	12	8	62	55	234	112
Washington-----	-	1	10	-	312	58	1	1	1	14	25	3
Oregon-----	1	-	24	14	214	58	-	-	2	2	19	13
California-----	-	5	25	16	2,192	986	11	7	59	39	190	96
Alaska-----	(-)	(-)	(-)	(-)	(22)	(-)	(-)	(-)	(3)	(-)	(-)	(-)
Hawaii-----	(-)	(-)	(1)	(-)	(1)	(8)	(-)	(-)	(1)	(6)	(3)	(-)
Puerto Rico-----	(2)	(5)	(-)	(-)	(59)	(27)	(1)	(-)	(-)	(-)	(-)	(-)

¹Includes 420 delayed May and June cases.

Provisional Statistics for Deaths in Selected Cities for
Week Ended June 27, 1953



The chart shows the number of deaths reported for 106 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the three previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval

between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 4. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

GEOGRAPHIC DIVISION	25th week ended June 27, 1953	24th week ended June 20, 1953	25th week median 1950-52	Percentage difference between current week and median	CUMULATIVE NUMBER FOR FIRST 25 WEEKS		
					1953	1952	Percentage difference
TOTAL: 104 REPORTING CITIES-----	10,171	9,106	9,041	+12.5	260,121	250,187	+4.0
New England----- (14 cities)	698	578	626	+11.5	17,446	17,210	+1.4
Middle Atlantic----- (17 cities)	3,066	2,773	2,831	+8.3	78,178	76,428	+2.3
East North Central----- (17 cities)	2,211	1,775	1,828	+21.0	55,072	52,681	+4.5
West North Central----- (8 cities)	755	828	649	+16.3	19,447	17,880	+8.8
South Atlantic----- (9 cities)	718	650	717	+0.1	20,279	19,667	+3.1
East South Central----- (7 cities)	499	442	426	+17.1	11,486	10,712	+7.2
West South Central----- (13 cities)	873	802	735	+18.8	20,055	18,727	+7.1
Mountain----- (7 cities)	211	229	201	+5.0	6,233	5,675	+9.8
Pacific----- (12 cities)	1,140	1,029	1,114	+2.3	31,925	31,207	+2.3

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Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED

JUNE 27, 1953

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	25th week ended June 27, 1953	24th week ended June 20, 1953	CUMULATIVE NUMBER FOR FIRST 25 WEEKS		CITY	25th week ended June 27, 1953	24th week ended June 20, 1953	CUMULATIVE NUMBER FOR FIRST 25 WEEKS	
			1953	1952				1953	1952
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	222	188	5,890	5,821	St. Paul-----	50	60	1,649	1,537
Bridgeport-----	41	29	842	889	Wichita-----	50	63	1,079	984
Cambridge-----	31	22	727	791	SOUTH ATLANTIC				
Fall River-----	29	22	728	716	Atlanta-----	91	85	2,701	2,513
Hartford-----	43	36	1,129	1,129	Baltimore-----	206	200	5,946	5,917
Lowell-----	34	20	664	639	Charlotte-----	31	21	737	675
Lynn-----	22	26	565	558	Miami-----	50	55	1,562	1,399
New Bedford-----	32	20	611	588	Norfolk-----	34	22	818	770
New Haven-----	41	38	1,126	1,089	Richmond-----	57	56	1,655	1,752
Providence-----	63	47	1,558	1,614	Tampa-----	49	48	1,427	1,443
Somerville-----	14	10	396	413	Washington, D. C.-----	164	134	4,584	4,379
Springfield, Mass.-----	40	29	1,021	942	Wilmington, Del.-----	36	29	849	819
Waterbury-----	29	18	660	607	EAST SOUTH CENTRAL				
Worcester-----	57	73	1,471	1,414	Birmingham-----	63	83	1,832	1,704
MIDDLE ATLANTIC					Chattanooga-----	31	47	1,207	1,150
Albany-----	51	29	1,158	1,037	Knoxville-----	21	31	842	841
Buffalo-----	153	143	3,703	3,569	Louisville-----	163	69	2,761	2,491
Camden-----	32	34	903	929	Memphis-----	132	112	2,680	2,389
Elizabeth-----	16	20	752	801	Mobile-----	31	36	808	817
Erie-----	27	38	871	847	Montgomery-----	(17)	(26)	(702)	(654)
Jersey City-----	51	75	1,788	1,857	Nashville-----	58	64	1,356	1,320
Newark, N. J.-----	99	115	2,717	2,620	WEST SOUTH CENTRAL				
New York City-----	1,682	1,452	41,285	40,296	Austin-----	37	24	651	582
Paterson-----	36	30	995	987	Baton Rouge-----	11	11	363	390
Philadelphia-----	494	414	12,409	12,153	Corpus Christi-----	17	18	456	414
Pittsburgh-----	166	161	4,451	4,444	Dallas-----	112	102	2,429	2,242
Rochester, N. Y.-----	87	86	2,436	2,359	El Paso-----	23	33	742	667
Schenectady-----	25	21	622	577	Fort Worth-----	64	66	1,496	1,354
Syracuse-----	61	51	1,354	1,348	Houston-----	150	102	5,156	2,907
Trenton-----	32	46	1,246	1,122	Little Rock-----	54	48	1,113	1,150
Utica-----	32	29	807	761	New Orleans-----	161	151	4,078	3,889
Yonkers-----	22	29	681	721	Oklahoma City-----	59	66	1,425	1,306
EAST NORTH CENTRAL					San Antonio-----	93	94	2,122	1,916
Akron-----	48	53	1,503	1,369	Shreveport-----	39	47	1,051	959
Canton-----	21	13	714	694	Tulsa-----	53	40	973	951
Chicago-----	810	613	19,420	18,577	MOUNTAIN				
Cincinnati-----	137	151	3,739	3,609	Albuquerque-----	27	28	684	615
Cleveland-----	204	208	5,338	5,335	Colorado Springs-----	23	14	344	301
Columbus-----	103	75	2,693	2,549	Denver-----	89	111	2,836	2,627
Dayton-----	57	57	1,606	1,520	Ogden-----	13	19	306	330
Detroit-----	365	185	8,178	7,837	Phoenix-----	14	15	594	538
Evansville-----	34	42	862	856	Pueblo-----	10	9	348	264
Flint-----	58	33	955	855	Salt Lake City-----	35	33	1,121	1,000
Fort Wayne-----	22	30	759	755	Tucson-----	(1)	(3)	(135)	(136)
Grand Rapids-----	35	25	1,004	950	PACIFIC				
Indianapolis-----	---	(107)	---	(2,797)	Berkeley-----	15	17	443	485
Milwaukee-----	129	104	3,166	3,026	Long Beach-----	44	48	1,210	1,192
Peoria-----	30	30	792	734	Los Angeles-----	419	320	11,460	11,249
South Bend-----	23	22	612	563	Oakland-----	90	80	2,474	2,470
Toledo-----	88	85	2,361	2,245	Pasadena-----	34	40	887	797
Youngstown-----	47	49	1,370	1,207	Portland, Oreg.-----	83	77	2,588	2,440
WEST NORTH CENTRAL					Sacramento-----	46	43	1,220	1,173
Des Moines-----	48	38	1,266	1,299	San Diego-----	52	66	1,828	1,817
Duluth-----	36	23	673	638	San Francisco-----	185	164	4,951	4,859
Kansas City, Kans.-----	---	---	---	(903)	Seattle-----	109	100	2,948	2,830
Kansas City, Mo.-----	122	165	3,253	2,911	Spokane-----	32	39	1,057	1,033
Minneapolis-----	107	150	3,344	2,890	Tacoma-----	31	35	859	862
Omaha-----	83	70	1,734	1,612	Honolulu-----	(30)	(30)	(801)	(830)
St. Louis-----	259	259	6,449	6,009					

Symbols.—parentheses [()]: data not included in table 4; 3 dashes [---]: data not available.