

HIV/AIDS

Surveillance Supplemental Report

Volume 5, Number 2

**AIDS Cases Reported to CDC
July 1988 through June 1998**

and

**Estimates of the Number of
Persons Living with AIDS**

**by State and Metropolitan Area
as of June 30, 1998**



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
National Center for HIV, STD, and TB Prevention
Atlanta, Georgia 30333



The *HIV/AIDS Surveillance Supplemental Report* is published by the Surveillance Branch of the Division of HIV/AIDS Prevention – Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention (CDC). Data are presented on AIDS cases reported to CDC through June 30, 1998, by state and metropolitan area. The data were made available to the Health Resources and Services Administration for the allocation of Ryan White Comprehensive AIDS Resources Emergency (CARE) Act funds. Also presented are estimates (computed by three methods) of the number of persons living with AIDS. All data in this report are provisional.

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Methods

The Ryan White CARE Act was enacted by Congress in 1990 and reauthorized with amendments in 1996. The primary purpose of the act is to provide emergency assistance to localities that are disproportionately affected by the human immunodeficiency virus epidemic. An eligible metropolitan area (EMA) is any metropolitan area for which there have been reported to the Centers for Disease Control and Prevention (CDC) a cumulative total of more than 2,000 acquired immune deficiency syndrome (AIDS) cases for the most recent 5 years for which data are available. The amended act requires formula grants based on the estimated number of persons living with AIDS in the EMA. Estimates were derived by using methods specified in the act. The amount of funds received by each EMA (under Title I) or state (under Title II) is determined by the locality's proportion of the total estimated number of living persons with AIDS.

As of the end of June each year, AIDS cases reported during the preceding 120 months are aggregated into ten 12-month periods, and 10 "survival" weights (see Technical Notes) are applied to the 10 AIDS case counts. The summary count, which results from this computational formula, is the estimated number of persons living with AIDS in the EMA or state for the purposes of the Ryan White CARE Act. The survival weights are updated by CDC every 2 years according to methods specified in the act (the weights were most recently updated in July 1997).

This report presents the AIDS case counts (based on AIDS surveillance data reported to CDC through June 30, 1998) that were provided to the Health Resources and Services Administration (HRSA) in July 1998. (Table 1, AIDS case counts by state; Table 2, AIDS case counts by EMA; Table 3, AIDS case counts for cross-state EMAs). HRSA applies the weights provided by CDC to these counts to determine the proportional distribution of persons living with AIDS.

Tables 4 and 5 are comparisons of the three methods for estimating the number of persons living with AIDS by state and EMA. Columns 1 and 2 are the estimated number and the percentage distribution according to the Ryan White CARE Act formula. Columns 3 and 4 are the numbers of persons with AIDS reported to CDC and presumed to be alive (cases minus deaths). Columns 5 and 6 are data adjusted for delays in the reporting of cases and deaths to produce point estimates of the number of persons living with AIDS. (See the Technical Notes for computational details of each method.)

The Ryan White CARE Act formula is used by HRSA for the legislative requirements of the CARE act. CDC, however, routinely adjusts data for reporting delays to estimate the number of persons living with AIDS (i.e., AIDS prevalence; see HIV/AIDS Surveillance Supplemental Report, 1999;5[no.1]). The CDC method nearly always produces the highest counts because a statistical model is used to "add in" the AIDS cases not yet reported but already diagnosed.

Table 1. AIDS cases reported July 1988 through June 1998, by state of residence

State of residence	7/88-6/89	7/89-6/90	7/90-6/91	7/91-6/92	7/92-6/93	7/93-6/94	7/94-6/95	7/95-6/96	7/96-6/97	7/97-6/98
Alaska	16	29	16	14	29	73	79	37	44	41
Alabama	224	204	318	425	702	557	565	663	523	603
Arkansas	78	116	220	197	423	289	286	284	242	225
Arizona	260	370	237	366	1,098	645	559	650	529	548
California	5,995	6,791	7,352	8,398	15,075	14,171	10,824	10,459	8,108	6,336
Colorado	345	380	442	424	1,081	882	715	597	430	317
Connecticut	424	435	479	480	1,461	1,302	1,055	1,511	1,201	894
District of Columbia	535	535	712	813	1,077	1,575	1,216	1,051	1,191	943
Delaware	83	83	90	106	307	258	309	318	264	161
Florida	3,115	3,969	4,865	5,194	9,005	7,655	9,239	7,673	6,685	5,489
Georgia	994	1,219	1,197	1,729	2,237	2,235	2,294	2,486	2,107	1,362
Hawaii	115	190	185	166	201	316	263	207	144	128
Iowa	57	48	89	86	189	98	144	128	104	97
Idaho	20	23	23	39	66	55	57	44	44	39
Illinois	1,032	1,228	1,215	1,835	2,811	2,726	2,755	2,145	1,748	1,782
Indiana	235	328	283	378	757	725	521	651	562	487
Kansas	95	133	115	168	296	254	257	256	178	147
Kentucky	106	150	185	179	295	298	309	314	402	312
Louisiana	425	659	696	915	1,166	1,222	1,109	1,355	1,224	1,064
Massachusetts	771	816	944	861	1,909	2,023	1,367	1,294	1,117	784
Maryland	609	871	1,016	1,033	1,984	2,210	2,885	2,272	2,155	1,629
Maine	43	67	50	56	78	137	139	80	55	41
Michigan	504	528	574	841	1,543	1,076	1,057	1,033	940	804
Minnesota	173	173	200	238	588	382	406	322	246	177
Missouri	376	563	577	707	1,623	813	677	848	690	543
Mississippi	123	214	261	226	384	411	411	413	447	359
Montana	30	16	30	22	26	29	24	30	42	34
North Carolina	366	519	528	649	1,002	1,296	1,013	977	858	812
North Dakota	2	2	13	1	10	28	6	10	10	10
Nebraska	40	41	65	61	151	106	112	98	97	77
New Hampshire	43	57	46	53	89	90	115	99	68	60
New Jersey	2,382	2,233	2,419	2,193	3,408	5,202	4,724	3,980	3,753	2,507
New Mexico	78	102	109	108	279	164	229	113	229	220
Nevada	137	170	225	248	537	429	412	455	465	484
New York	6,368	7,642	7,678	7,976	13,968	15,077	12,537	13,226	12,472	11,329
Ohio	532	587	596	800	1,164	1,327	1,181	1,108	937	785
Oklahoma	160	216	172	241	655	347	269	278	288	298
Oregon	197	276	288	290	658	577	506	500	356	234
Pennsylvania	1,013	1,149	1,094	1,392	2,134	2,810	2,661	2,256	2,124	1,897
Rhode Island	84	93	76	121	231	274	286	180	160	141
Puerto Rico	1,391	1,467	1,737	1,754	2,579	2,603	2,544	2,128	2,207	2,020
South Carolina	246	367	344	354	1,128	1,173	985	954	801	777
South Dakota	6	1	9	9	23	17	20	17	9	17
Tennessee	283	307	329	410	851	848	876	899	791	694
Texas	2,327	2,802	3,053	3,198	6,075	5,807	5,083	4,352	4,882	4,472
Utah	79	86	108	129	278	136	152	198	158	150
Virginia	392	610	645	659	1,360	1,368	1,140	1,506	1,253	999
Virgin Islands	28	7	12	21	47	40	58	33	55	64
Vermont	14	19	21	22	26	81	31	40	33	21
Washington	443	694	591	533	1,171	1,181	922	770	758	528
Wisconsin	115	179	197	224	623	399	358	325	252	222
West Virginia	38	62	51	72	76	79	113	146	113	130
Wyoming	14	7	11	11	34	20	14	15	17	5

Table 2. AIDS cases reported July 1988 through June 1998, by metropolitan area of residence

Metropolitan area of residence	7/88-6/89	7/89-6/90	7/90-6/91	7/91-6/92	7/92-6/93	7/93-6/94	7/94-6/95	7/95-6/96	7/96-6/97	7/97-6/98
Atlanta, GA	773	944	941	1,232	1,528	1,501	1,605	1,762	1,415	942
Austin, TX	151	229	200	275	481	527	385	292	275	297
Baltimore, MD	401	580	668	594	1,384	1,468	2,019	1,508	1,516	1,093
Bergen-Passaic, NJ	247	275	284	270	402	787	612	490	513	330
Boston, MA-NH	721	741	813	763	1,694	1,754	1,192	1,128	945	702
Caguas, PR	74	135	102	132	180	187	205	173	175	152
Chicago, IL	910	1,070	1,034	1,592	2,432	2,361	2,451	1,807	1,432	1,567
Cleveland, OH	142	123	166	250	363	340	470	244	279	271
Dallas, TX	546	626	786	780	1,634	1,168	1,410	1,001	897	808
Denver, CO	284	308	373	351	914	677	566	447	325	247
Detroit, MI	354	375	382	645	1,086	660	773	725	572	594
Dutchess Co., NY	51	83	79	84	146	118	91	113	108	158
Fort Lauderdale, FL	449	845	846	853	1,064	1,119	1,579	1,217	1,121	826
Fort Worth, TX	137	167	188	145	367	319	538	199	306	259
Hartford, CT	131	153	162	142	425	586	387	513	414	343
Houston, TX	844	1,127	1,172	1,176	2,136	2,075	1,323	1,323	1,793	1,759
Jacksonville, FL	151	239	275	296	782	336	473	384	363	295
Jersey City, NJ	408	283	420	359	412	774	881	631	603	398
Kansas City, MO-KS	199	323	236	292	721	337	286	344	216	222
Las Vegas, NV-AZ	103	135	178	191	426	333	338	373	381	433
Los Angeles, CA	2,129	2,132	2,549	3,018	5,083	4,664	3,903	3,834	3,175	2,248
Miami, FL	946	1,077	1,540	1,654	2,409	2,864	2,924	2,355	1,789	1,562
Middlesex-Somerset-Hunterdon, NJ	182	157	192	193	320	360	381	329	259	198
Minneapolis-St. Paul, MN-WI	157	160	173	205	526	328	364	278	218	160
Nassau-Suffolk, NY	322	411	355	308	943	569	549	639	655	456
New Haven, CT	255	249	289	297	913	614	580	848	671	495
New Orleans, LA	264	388	428	543	605	699	607	727	635	505
New York, NY	5,552	6,416	6,604	6,915	11,424	13,391	10,741	11,275	10,084	8,711
Newark, NJ	1,034	984	945	927	1,265	2,120	1,734	1,525	1,545	1,008
Norfolk, VA-NC	87	159	148	118	273	371	388	544	490	326
Oakland, CA	331	534	506	570	1,091	962	742	663	546	410
Orange County, CA	262	334	339	597	583	567	537	512	357	287
Orlando, FL	192	191	396	358	859	431	740	589	495	524
Philadelphia, PA-NJ	758	833	834	1,042	1,724	2,256	2,012	1,687	1,586	1,466
Phoenix, AZ	185	285	170	275	772	431	392	457	329	392
Ponce, PR	197	217	241	247	254	333	309	284	221	161
Portland, OR-WA	174	227	254	234	609	443	398	354	266	184
Riverside-San Bernardino, CA	213	255	320	404	884	959	816	654	558	562
Sacramento, CA	169	113	175	261	404	432	348	277	210	195
St. Louis, MO-IL	185	213	310	376	768	443	376	437	416	279
San Antonio, TX	348	195	190	230	329	632	380	373	367	309
San Diego, CA	450	719	555	605	1,389	1,219	946	1,138	809	640
San Francisco, CA	1,739	1,929	2,082	1,969	3,744	3,386	2,126	1,774	1,363	1,158
San Jose, CA	155	144	190	176	398	478	297	295	216	143
San Juan, PR	916	951	1,119	1,062	1,732	1,569	1,529	1,300	1,377	1,258
Santa Rosa, CA	127	96	121	117	221	224	130	169	76	57
Seattle, WA	330	536	436	382	901	769	650	539	492	339
Tampa-St. Petersburg, FL	439	380	473	517	1,299	776	817	752	655	618
Vineland-Millville-Bridgeton, NJ	38	36	35	28	77	104	68	101	62	46
Wash., DC-MD-VA-WV	867	1,000	1,281	1,470	2,023	2,733	2,138	2,063	2,010	1,666
West Palm Beach, FL	321	343	398	438	827	583	857	831	723	549

Table 3. AIDS cases reported July 1988 through June 1998, for state components of cross-state metropolitan areas

Metropolitan area of residence	7/88-6/89	7/89-6/90	7/90-6/91	7/91-6/92	7/92-6/93	7/93-6/94	7/94-6/95	7/95-6/96	7/96-6/97	7/97-6/98
Boston, MA	692	699	781	732	1,632	1,694	1,116	1,065	900	654
Boston, NH	29	42	32	31	62	60	76	63	45	48
Kansas City, KS	44	66	46	52	135	95	82	92	56	57
Kansas City, MO	155	257	190	240	586	242	204	252	160	165
Las Vegas, AZ	5	4	3	4	18	8	11	12	11	16
Las Vegas, NV	98	131	175	187	408	325	327	361	370	417
Minneapolis-St. Paul, MN	155	158	172	204	524	326	364	277	217	159
Minneapolis-St. Paul, WI	2	2	1	1	2	2	0	1	1	1
Norfolk, NC	0	2	2	0	1	0	0	3	2	2
Norfolk, VA	87	157	146	118	272	371	388	541	488	324
Philadelphia, NJ	127	146	143	159	278	332	302	248	244	183
Philadelphia, PA	631	687	691	883	1,446	1,924	1,710	1,439	1,342	1,283
Portland, OR	158	213	234	221	550	403	362	331	230	158
Portland, WA	16	14	20	13	59	40	36	23	36	26
St. Louis, IL	28	27	37	53	74	47	63	47	43	32
St. Louis, MO	157	186	273	323	694	396	313	390	373	247
Washington, DC	535	535	712	813	1,077	1,575	1,216	1,051	1,191	943
Washington, MD	178	250	294	385	491	620	616	580	531	428
Washington, VA	149	209	270	267	440	530	292	408	275	281
Washington, WV	5	6	5	5	15	8	14	24	13	14

Table 4. Estimates of the number of people living with AIDS as of June 1998, by state of residence: comparison of three methods

State of Residence	Ryan White CARE Act		Number reported to be living		Adjusted for reporting delays	
	Number*	Percent	Number†	Percent	Number†	Percent
Alaska	151	0.1	214	0.1	221	0.1
Alabama	1,856	0.9	2,404	0.9	2,520	0.9
Arkansas	843	0.4	1,258	0.5	1,321	0.5
Arizona	1,892	0.9	2,151	0.8	2,632	0.9
California	30,434	14.2	38,264	14.6	41,965	14.7
Colorado	1,766	0.8	2,524	1.0	2,499	0.9
Connecticut	3,634	1.7	5,040	1.9	5,502	1.9
District of Columbia	3,586	1.7	4,816	1.8	5,156	1.8
Delaware	780	0.4	946	0.4	982	0.3
Florida	22,618	10.5	29,246	11.2	30,909	10.9
Georgia	6,442	3.0	8,436	3.2	9,026	3.2
Hawaii	617	0.3	770	0.3	845	0.3
Iowa	369	0.2	497	0.2	508	0.2
Idaho	148	0.1	179	0.1	181	0.1
Illinois	6,784	3.2	7,502	2.9	8,139	2.9
Indiana	1,822	0.8	2,343	0.9	2,472	0.9
Kansas	665	0.3	794	0.3	808	0.3
Kentucky	1,037	0.5	1,182	0.5	1,306	0.5
Louisiana	3,759	1.7	4,522	1.7	4,664	1.6
Massachusetts	3,923	1.8	4,546	1.7	5,347	1.9
Maryland	6,610	3.1	7,608	2.9	8,737	3.1
Maine	247	0.1	371	0.1	375	0.1
Michigan	3,129	1.5	3,768	1.4	4,223	1.5
Minnesota	943	0.4	1,328	0.5	1,390	0.5
Missouri	2,390	1.1	3,537	1.4	3,694	1.3
Mississippi	1,271	0.6	1,445	0.6	1,505	0.5
Montana	106	0.0	138	0.1	152	0.1
North Carolina	2,971	1.4	3,415	1.3	3,764	1.3
North Dakota	35	0.0	39	0.0	41	0.0
Nebraska	307	0.1	376	0.1	391	0.1
New Hampshire	259	0.1	419	0.2	434	0.2
New Jersey	11,786	5.5	13,031	5.0	13,953	4.9
New Mexico	630	0.3	761	0.3	867	0.3
Nevada	1,436	0.7	1,863	0.7	1,942	0.7
New York	40,078	18.6	44,665	17.1	49,911	17.5
Ohio	3,224	1.5	3,546	1.4	3,875	1.4
Oklahoma	993	0.5	1,335	0.5	1,454	0.5
Oregon	1,301	0.6	1,724	0.7	1,807	0.6
Pennsylvania	7,014	3.3	8,436	3.2	9,336	3.3
Rhode Island	599	0.3	771	0.3	813	0.3
Puerto Rico	7,230	3.4	7,878	3.0	8,494	3.0
South Carolina	2,782	1.3	3,469	1.3	3,570	1.3
South Dakota	49	0.0	56	0.0	60	0.0
Tennessee	2,498	1.2	3,250	1.2	3,449	1.2
Texas	15,387	7.2	19,781	7.6	21,676	7.6
Utah	530	0.2	724	0.3	771	0.3
Virginia	3,848	1.8	4,351	1.7	5,032	1.8
Virgin Islands	159	0.1	189	0.1	212	0.1
Vermont	111	0.1	152	0.1	163	0.1
Washington	2,518	1.2	3,419	1.3	3,676	1.3
Wisconsin	971	0.5	1,352	0.5	1,391	0.5
West Virginia	372	0.2	419	0.2	444	0.2
Wyoming	45	0.0	58	0.0	54	0.0
Total	214,955		261,308		284,659	

* Cumulative from July 1988 through June 1998

† Cumulative from 1981 through June 1998

Table 5. Estimates of the number of people living with AIDS as of June 1998, by metropolitan area of residence: comparison of three methods

Metropolitan area of residence (year of initial eligibility)	Ryan White CARE Act		Number reported to be living		Adjusted for reporting delays	
	Number*	Percent	Number†	Percent	Number†	Percent
Atlanta, GA (1991)	4,471	2.8	5,929	3.1	6,330	3.0
Austin, TX (1995)	1,072	0.7	1,354	0.7	1,469	0.7
Baltimore, MD (1992)	4,498	2.9	5,040	2.6	5,939	2.8
Bergen-Passaic, NJ (1994)	1,553	1.0	1,681	0.9	1,828	0.9
Boston, MA-NH (1991)	3,423	2.2	4,096	2.1	4,799	2.3
Caguas, PR (1995)	556	0.4	589	0.3	615	0.3
Chicago, IL (1991)	5,836	3.7	6,336	3.3	6,859	3.3
Cleveland, OH (1996)	973	0.6	1,229	0.6	1,321	0.6
Dallas, TX (1991)	3,295	2.1	4,536	2.4	4,886	2.3
Denver, CO (1994)	1,378	0.9	1,984	1.0	1,944	0.9
Detroit, MI (1993)	2,150	1.4	2,600	1.4	2,860	1.4
Dutchess Co., NY (1995)	393	0.3	464	0.2	503	0.2
Fort Lauderdale, FL (1991)	3,585	2.3	4,490	2.3	4,787	2.3
Fort Worth, TX (1996)	972	0.6	1,285	0.7	1,387	0.7
Hartford, CT (1996)	1,311	0.8	1,778	0.9	1,947	0.9
Houston, TX (1991)	5,356	3.4	6,815	3.6	7,537	3.6
Jacksonville, FL (1995)	1,221	0.8	1,851	1.0	1,901	0.9
Jersey City, NJ (1991)	1,896	1.2	2,034	1.1	2,161	1.0
Kansas City, MO-KS (1994)	955	0.6	1,526	0.8	1,567	0.8
Las Vegas, NV-AZ (1999)	1,196	0.8	1,568	0.8	1,640	0.8
Los Angeles, CA (1991)	10,932	7.0	13,212	6.9	14,572	7.0
Miami, FL (1991)	6,785	4.3	8,684	4.5	9,201	4.4
Middlesex-Somerset- Hunterdon, NJ (1996)	909	0.6	1,053	0.6	1,101	0.5
Minneapolis-St. Paul, MN-WI (1996)	833	0.5	1,168	0.6	1,227	0.6
Nassau-Suffolk, NY (1993)	1,862	1.2	2,155	1.1	2,513	1.2
New Haven, CT (1994)	2,014	1.3	2,858	1.5	3,126	1.5
New Orleans, LA (1993)	1,979	1.3	2,473	1.3	2,528	1.2
New York, NY (1991)	33,117	21.1	37,049	19.4	41,241	19.7
Newark, NJ (1991)	4,664	3.0	5,053	2.6	5,492	2.6
Norfolk, VA-NC (1999)	1,276	0.8	1,322	0.7	1,566	0.7
Oakland, CA (1992)	2,035	1.3	2,584	1.4	2,804	1.3
Orange County, CA (1993)	1,405	0.9	2,136	1.1	2,250	1.1
Orlando, FL (1994)	1,784	1.1	2,307	1.2	2,445	1.2
Philadelphia, PA-NJ (1991)	5,355	3.4	6,614	3.5	7,212	3.5
Phoenix, AZ (1994)	1,303	0.8	1,480	0.8	1,838	0.9
Ponce, PR (1993)	798	0.5	997	0.5	1,052	0.5
Portland, OR-WA (1995)	1,008	0.6	1,384	0.7	1,455	0.7
Riverside-San Bernardino, CA (1994)	2,090	1.3	2,750	1.4	2,934	1.4
Sacramento, CA (1996)	865	0.6	1,030	0.5	1,120	0.5
St. Louis, MO-IL (1994)	1,277	0.8	1,707	0.9	1,779	0.9
San Antonio, TX (1995)	1,201	0.8	1,584	0.8	1,703	0.8
San Diego, CA (1991)	2,912	1.9	3,750	2.0	4,008	1.9
San Francisco, CA (1991)	6,079	3.9	7,537	3.9	8,594	4.1
San Jose, CA (1996)	820	0.5	1,119	0.6	1,170	0.6
San Juan, PR (1991)	4,478	2.8	4,756	2.5	5,174	2.5
Santa Rosa, CA (1995)	390	0.2	563	0.3	585	0.3
Seattle, WA (1993)	1,716	1.1	2,365	1.2	2,521	1.2
Tampa-St. Petersburg, FL (1993)	2,326	1.5	3,107	1.6	3,281	1.6
Vineland-Millville- Bridgeton, NJ (1995)	220	0.1	262	0.1	265	0.1
Wash., DC-MD-VA-WV (1991)	6,387	4.1	8,199	4.3	8,854	4.2
West Palm Beach, FL (1994)	2,221	1.4	2,837	1.5	2,990	1.4
Total	157,131		191,280		208,881	

* Cumulative from July 1988 through June 1998

† Cumulative from 1981 through June 1998

Technical Notes

The legislative authority for the method of estimating the number of persons living with AIDS under Title I of the Ryan White CARE Act is Section 2603(a)(3)(c). The legislative authority for the Title II estimation of the number of persons living with AIDS is Section 2618(2)(d). The same set of survival weights is used for both Title I and Title II. The current weights are —

Year 1	— .07
Year 2	— .09
Year 3	— .10
Year 4	— .13
Year 5	— .15
Year 6	— .29
Year 7	— .41
Year 8	— .55
Year 9	— .71
Year 10	— .83

For each 12-month reporting period, the proportion of persons reported with AIDS and presumed to be alive is computed as follows:

$$\frac{\text{(cases minus deaths)}}{\text{cases}}$$

This proportion is the weight for the 12-month period.

As required by the CARE act, these weights will be updated in July 1999 by using the AIDS cases reported through June 30, 1999.

Details for the Three Methods of Estimating the Number of Persons Living with AIDS

Method I — Ryan White CARE Act formula

The counts of reported AIDS cases for the last 120 months are aggregated into ten 12-month periods. The first year (i.e., earliest) count is multiplied by .07. The second year count is multiplied by .09, and so on for all 10 counts.

The total of these 10 weighted counts is the estimated number of people living with AIDS for a given state or EMA.

Method II — Number of persons reported to be living with AIDS

For each state or EMA, the number of persons reported with AIDS who are presumed to be alive is calculated. (See HIV/AIDS Surveillance Report, 1998;10[no.1]: Table 1, p.5). This total count is the number of persons living with AIDS.

Method III — Adjustments for reporting delays

Estimated AIDS data are adjusted for reporting delays by a maximum likelihood statistical procedure; differences in reporting delays for geographic area, racial/ethnic, age, sex, vital status, and exposure categories are taken into account, but it is assumed that reporting delays within these groups have not changed over time (*Statistics in Medicine* 1998;17:143-54 and *Lecture Notes in Biomathematics* 1989;83:58-88). The maximum likelihood procedure is done twice — first for delays in reporting AIDS cases and then for delays in reporting AIDS deaths. On the basis of the results of these procedures, each AIDS case is then assigned an AIDS incidence adjustment weight and an AIDS death adjustment weight. The point estimate of the number of persons living with AIDS is derived by subtracting the estimated cumulative number of deaths of persons with AIDS from the estimated cumulative number of persons with a diagnosis of AIDS. The estimates from this method are based on AIDS surveillance data for cases diagnosed with AIDS through June 30, 1998, and reported to CDC through December 31, 1998. Estimated AIDS cases and estimated AIDS deaths are adjusted for reporting delays, but not for incomplete reporting.