

HIVAIDS

Surveillance Supplemental Report

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AIDS Cases and Persons Living with AIDS

by State and Metropolitan Area

**provided for the Ryan White CARE Act
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DEPARTMENT OF HEALTH AND HUMAN SERVICES
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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, 2001, by state and metropolitan area. The data were made available to the Health Resources and Service 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 contained 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 and 2000. The primary purpose of the act is to “provide emergency assistance to localities that are disproportionately affected by the Human Immunodeficiency Virus epidemic”. The amended act requires formula grants based on the “estimated number of living cases of acquired immune deficiency syndrome in the eligible area involved”. Estimates were derived by using methods specified in the act. The amount of funds received by each eligible metropolitan area (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. The Ryan White CARE act formula is used by the Health Resources and Services Administration (HRSA) for the legislative requirements of the CARE act. Additional information is available at www.hrsa.gov.

This report presents the AIDS case counts (based on AIDS surveillance data reported to CDC through June 30, 2001) that were provided to HRSA in July 2001 (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 three methods for estimating the number of persons living with AIDS by state and EMA. Columns 1 and 2 are the estimated number and 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 assumed 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 people living with AIDS. (See the technical notes for computational details of each method.)

CDC routinely adjusts data for the presentation of trends in the epidemic. Data to estimate the number of people diagnosed with AIDS, living with AIDS (i.e., AIDS prevalence), and the number of deaths among persons with AIDS are statistically adjusted to correct for temporal delays in the reporting of cases and deaths. To assess trends in incidence, deaths, or prevalence, it is preferable to use adjusted data, presented by year of diagnosis instead of year of report, to eliminate artifacts of reporting to the surveillance system. The CDC method nearly always produces the highest counts because a statistical model is being used to “add in” the AIDS cases not yet reported but already diagnosed.

Since the use of antiretroviral therapies became widely available in 1996, trends in new AIDS diagnoses have become less reflective of patterns in HIV transmission and more representative of a delay in diagnosing persons with HIV, and ensuring their linkage to effective treatment and care. Surveillance of HIV infection would provide data more reflective of current trends in HIV incidence and prevalence; however, HIV infection surveillance is not conducted in all states. An Institute of Medicine (IOM) committee is assessing the adequacy and reliability of HIV surveillance data for use as the basis for distributing Ryan White CARE act funds. More information about the IOM project is available at www.iom.edu.

Table 1. AIDS cases reported July 1991 through June 2001, by area of residence

Area of residence	7/1991– 6/1992	7/1992– 6/1993	7/1993– 6/1994	7/1994– 6/1995	7/1995– 6/1996	7/1996– 6/1997	7/1997– 6/1998	7/1998– 6/1999	7/1999– 6/2000	7/2000– 6/2001
Alabama	425	702	557	564	662	522	604	465	472	451
Alaska	14	29	73	79	37	44	41	30	11	26
Arizona	366	1,102	641	563	655	530	545	734	678	514
Arkansas	197	424	289	286	283	241	226	188	205	197
California	8,364	15,008	14,090	10,753	10,374	8,044	6,228	5,653	4,633	4,663
Colorado	422	1,079	880	714	597	432	314	338	305	323
Connecticut	479	1,461	1,306	1,051	1,506	1,195	880	610	639	512
Delaware	106	306	257	309	317	264	160	176	198	243
District of Columbia	814	1,078	1,574	1,215	1,050	1,192	939	748	984	951
Florida	5,183	8,974	7,620	9,190	7,633	6,642	5,369	5,579	4,968	5,186
Georgia	1,727	2,235	2,226	2,285	2,466	2,082	1,364	1,621	1,326	1,385
Hawaii	165	201	316	263	207	144	127	139	132	64
Idaho	39	66	56	57	44	44	39	29	26	24
Illinois	1,840	2,812	2,726	2,757	2,138	1,751	1,764	1,279	2,072	1,234
Indiana	378	755	718	518	645	555	482	347	360	360
Iowa	86	187	96	142	128	104	97	73	86	89
Kansas	170	294	254	246	243	172	145	140	164	92
Kentucky	179	295	297	311	313	400	309	305	240	298
Louisiana	911	1,155	1,209	1,107	1,349	1,223	1,058	904	708	818
Maine	56	77	137	139	80	55	41	42	67	44
Maryland	1,033	1,984	2,206	2,885	2,269	2,156	1,628	1,634	1,398	1,611
Massachusetts	852	1,897	2,009	1,358	1,278	1,087	736	1,225	1,487	838
Michigan	901	1,478	1,068	1,048	1,024	930	792	710	588	766
Minnesota	238	587	382	405	322	246	176	206	193	184
Mississippi	225	383	415	410	412	444	359	433	414	470
Missouri	705	1,619	810	674	848	690	542	485	493	447
Montana	22	26	29	24	30	42	34	18	18	19
Nebraska	60	151	105	112	98	98	75	72	61	85
Nevada	247	538	431	410	452	461	472	255	294	247
New Hampshire	53	89	89	115	99	68	53	51	35	30
New Jersey	2,190	3,411	5,196	4,709	3,967	3,735	2,475	2,038	1,865	1,857
New Mexico	108	279	162	227	111	225	218	124	133	114
New York	7,946	13,873	15,030	12,487	13,165	12,332	11,137	7,558	7,069	5,337
North Carolina	650	1,003	1,291	1,010	980	856	811	791	713	760
North Dakota	1	10	28	6	10	10	11	6	4	3
Ohio	806	1,157	1,319	1,178	1,102	938	790	591	598	534
Oklahoma	239	649	348	268	279	288	294	183	238	300
Oregon	290	657	578	506	500	355	236	197	226	232
Pennsylvania	1,390	2,125	2,804	2,651	2,248	2,105	1,875	1,786	1,618	1,676
Puerto Rico	1,753	2,582	2,602	2,539	2,124	2,203	2,013	1,450	1,024	1,411
Rhode Island	121	231	272	283	178	160	133	121	93	106
South Carolina	354	1,125	1,166	987	949	793	771	971	788	730
South Dakota	9	23	17	20	17	9	15	17	9	22
Tennessee	409	851	847	871	894	786	688	763	735	751
Texas	3,186	6,020	5,768	5,062	4,331	4,849	4,433	3,680	2,557	2,767
Utah	129	278	136	152	198	157	150	153	136	149
Vermont	22	26	81	30	40	32	19	16	32	31
Virgin Islands	21	47	40	58	33	54	64	33	45	15
Virginia	656	1,359	1,368	1,137	1,507	1,251	999	906	959	1,016
Washington	531	1,168	1,172	923	767	755	520	385	448	513
West Virginia	70	76	79	114	144	110	122	64	68	79
Wisconsin	221	616	399	356	323	249	221	182	161	202
Wyoming	11	32	19	14	13	18	6	8	18	6

Table 2. AIDS cases reported July 1991 through June 2001, by Ryan White CARE Act eligible metropolitan area of residence (EMA)

EMA	7/1991– 6/1992	7/1992– 6/1993	7/1993– 6/1994	7/1994– 6/1995	7/1995– 6/1996	7/1996– 6/1997	7/1997– 6/1998	7/1998– 6/1999	7/1999– 6/2000	7/2000– 6/2001
Atlanta, GA	1,226	1,517	1,492	1,596	1,750	1,396	941	1,090	753	911
Austin, TX	274	477	525	384	289	271	294	259	197	213
Baltimore, MD	595	1,387	1,470	2,022	1,508	1,517	1,097	1,171	890	1,110
Bergen, NJ	271	407	787	609	495	509	329	264	223	207
Boston, MA-NH	756	1,683	1,745	1,184	1,112	920	657	1,106	1,226	715
Caguas, PR	132	181	187	204	174	175	151	81	65	52
Chicago, IL	1,597	2,433	2,360	2,455	1,800	1,437	1,552	1,079	1,823	1,032
Cleveland, OH	253	359	336	470	246	277	274	175	183	184
Dallas, TX	778	1,615	1,160	1,411	997	895	802	662	633	589
Denver, CO	349	913	676	565	448	326	244	246	222	243
Detroit, MI	704	1,023	656	768	719	563	583	437	403	559
Dutchess Co., NY	84	147	119	90	113	107	158	47	58	29
Fort Lauderdale, FL	851	1,064	1,114	1,566	1,207	1,104	812	977	871	775
Fort Worth, TX	143	366	319	535	196	308	259	152	206	125
Hartford, CT	141	425	586	386	512	408	334	242	252	160
Houston, TX	1,173	2,112	2,057	1,317	1,318	1,776	1,738	1,330	612	887
Jacksonville, FL	296	776	334	469	379	361	285	277	268	319
Jersey City, NJ	358	411	775	879	627	598	390	242	227	257
Kansas City, MO-KS	293	716	333	270	333	216	221	184	192	171
Las Vegas, NV-AZ	190	428	333	337	370	377	429	227	259	215
Los Angeles, CA	3,004	5,056	4,633	3,873	3,810	3,150	2,209	1,992	1,553	1,576
Miami, FL	1,652	2,402	2,851	2,918	2,348	1,792	1,538	1,546	1,258	1,355
Middlesex, NJ	193	320	361	379	330	259	197	109	130	135
Minneapolis-St Paul, MN-WI	205	525	328	363	278	218	159	189	181	163
Nassau-Suffolk, NY	308	942	567	550	636	641	433	327	306	214
New Haven, CT	297	913	617	572	843	670	491	321	317	305
New Orleans, LA	543	597	692	605	724	636	500	443	341	365
New York, NY	6,883	11,330	13,347	10,693	11,213	9,982	8,579	6,460	5,876	4,600
Newark, NJ	925	1,267	2,116	1,735	1,519	1,536	997	951	756	767
Norfolk, VA-NC	117	272	371	386	543	487	326	277	335	294
Oakland, CA	571	1,090	957	737	655	538	402	405	321	308
Orange County, CA	596	582	557	533	505	353	286	317	217	374
Orlando, FL	358	856	431	739	586	496	515	490	374	463
Philadelphia, PA-NJ	1,043	1,720	2,251	2,002	1,677	1,580	1,451	1,365	1,376	1,349
Phoenix, AZ	274	771	427	393	464	327	389	561	494	342
Ponce, PR	247	254	333	309	283	220	160	128	121	169
Portland, OR-WA	234	608	444	400	354	264	184	144	176	197
Riverside-San Bernardino, CA	401	879	949	808	648	556	547	444	312	390
Sacramento, CA	260	404	431	347	273	209	192	201	70	207
St. Louis, MO-IL	376	768	443	377	437	416	281	251	275	244
San Antonio, TX	230	329	627	380	371	366	303	208	187	148
San Diego, CA	603	1,387	1,220	939	1,131	804	636	558	503	416
San Francisco, CA	1,960	3,721	3,367	2,119	1,768	1,347	1,138	892	878	690
San Jose, CA	176	398	475	296	292	215	142	154	132	105
San Juan, PR	1,060	1,733	1,569	1,528	1,298	1,373	1,252	971	622	855
Santa Rosa, CA	117	220	223	129	166	74	58	51	34	50
Seattle, WA	380	898	760	649	537	491	334	246	257	335
Tampa-St. Petersburg, FL	516	1,292	774	810	750	650	599	565	488	532
Vineland, NJ	28	77	104	68	102	62	46	41	58	54
Wash., DC-MD-VA-WV	1,469	2,021	2,729	2,134	2,059	2,009	1,660	1,315	1,699	1,709
West Palm Beach, FL	438	826	582	853	824	720	538	465	525	498

Table 3. AIDS cases reported July 1991 through June 2001, for state components of cross-state metropolitan areas

EMA	7/1991– 6/1992	7/1992– 6/1993	7/1993– 6/1994	7/1994– 6/1995	7/1995– 6/1996	7/1996– 6/1997	7/1997– 6/1998	7/1998– 6/1999	7/1999– 6/2000	7/2000– 6/2001
Boston, MA	725	1,621	1,685	1,108	1,049	875	614	1,067	1,202	691
Boston, NH	31	62	60	76	63	45	43	39	24	24
Kansas City, KS	55	133	94	70	83	54	54	45	60	35
Kansas City, MO	238	583	239	200	250	162	167	139	132	136
Las Vegas, AZ	4	18	8	12	11	11	14	20	10	12
Las Vegas, NV	186	410	325	325	359	366	415	207	249	203
Minneapolis, MN	204	523	326	363	277	217	158	189	179	162
Minneapolis, WI	1	2	2	0	1	1	1	0	2	1
Norfolk, NC	0	1	0	0	3	2	2	1	1	0
Norfolk, VA	117	271	371	386	540	485	324	276	334	294
Philadelphia, NJ	159	278	331	299	245	253	183	146	155	128
Philadelphia, PA	884	1,442	1,920	1,703	1,432	1,327	1,268	1,219	1,221	1,221
Portland, OR	221	549	404	362	331	229	159	134	156	173
Portland, WA	13	59	40	38	23	35	25	10	20	24
St. Louis, IL	53	74	47	63	47	44	33	11	27	34
St. Louis, MO	323	694	396	314	390	372	248	240	248	210
Washington, DC	814	1,078	1,574	1,215	1,050	1,192	939	748	984	951
Washington, MD	384	488	617	613	578	530	424	354	407	390
Washington, VA	266	440	530	292	408	275	283	209	301	356
Washington, WV	5	15	8	14	23	12	14	4	7	12

Note: Some metropolitan areas include counties in more than one state.

Table 4. Estimates of the number of people living with AIDS as of June 2001, by area of residence: comparison of three methods

Area of residence	Ryan White CARE Act		Number reported to be living		Adjusted for reporting delays	
	Number ¹	Percent	Number ²	Percent	Number ^{2, 3}	Percent
Alabama	2,992	0.9	3,304	1.0	3,369	1.0
Alaska	204	0.1	234	0.1	242	0.1
Arizona	3,502	1.1	3,418	1.0	3,502	1.0
Arkansas	1,329	0.4	1,728	0.5	1,768	0.5
California	42,165	13.2	44,496	13.4	48,217	13.7
Colorado	2,566	0.8	3,025	0.9	3,127	0.9
Connecticut	5,075	1.6	5,962	1.8	6,252	1.8
Delaware	1,302	0.4	1,280	0.4	1,364	0.4
District of Columbia	5,765	1.8	6,823	2.1	7,213	2.1
Florida	35,236	11.1	37,330	11.3	38,715	11.0
Georgia	9,908	3.1	10,618	3.2	11,443	3.3
Hawaii	871	0.3	1,008	0.3	1,082	0.3
Idaho	213	0.1	234	0.1	237	0.1
Illinois	10,530	3.3	10,253	3.1	10,905	3.1
Indiana	2,679	0.8	2,782	0.8	2,903	0.8
Iowa	571	0.2	606	0.2	611	0.2
Kansas	971	0.3	1,006	0.3	1,017	0.3
Kentucky	1,714	0.5	1,798	0.5	1,887	0.5
Louisiana	5,684	1.8	5,721	1.7	5,892	1.7
Maine	371	0.1	464	0.1	494	0.1
Maryland	10,433	3.3	10,507	3.2	11,746	3.3
Massachusetts	6,763	2.1	7,108	2.1	8,020	2.3
Michigan	4,793	1.5	4,669	1.4	5,103	1.5
Minnesota	1,431	0.4	1,696	0.5	1,720	0.5
Mississippi	2,347	0.7	2,286	0.7	2,311	0.7
Missouri	3,559	1.1	4,418	1.3	4,523	1.3
Montana	146	0.0	172	0.1	178	0.1
Nebraska	487	0.2	507	0.2	520	0.1
Nevada	2,066	0.6	2,174	0.7	2,214	0.6
New Hampshire	344	0.1	493	0.1	501	0.1
New Jersey	16,251	5.1	15,495	4.7	15,874	4.5
New Mexico	919	0.3	997	0.3	1,037	0.3
New York	55,344	17.4	54,704	16.5	58,711	16.7
North Carolina	4,818	1.5	4,886	1.5	5,505	1.6
North Dakota	46	0.0	45	0.0	45	0.0
Ohio	4,603	1.4	4,678	1.4	5,023	1.4
Oklahoma	1,592	0.5	1,653	0.5	1,617	0.5
Oregon	1,844	0.6	2,115	0.6	2,222	0.6
Pennsylvania	11,105	3.5	11,839	3.6	13,167	3.7
Puerto Rico	10,228	3.2	9,349	2.8	9,893	2.8
Rhode Island	856	0.3	929	0.3	942	0.3
South Carolina	4,850	1.5	4,941	1.5	5,133	1.5
South Dakota	88	0.0	88	0.0	92	0.0
Tennessee	4,352	1.4	4,876	1.5	4,992	1.4
Texas	22,444	7.0	24,253	7.3	25,228	7.2
Utah	890	0.3	1,042	0.3	1,061	0.3
Vermont	174	0.1	205	0.1	220	0.1
Virgin Islands	233	0.1	220	0.1	243	0.1
Virginia	6,217	2.0	6,147	1.9	6,784	1.9
Washington	3,584	1.1	4,292	1.3	4,471	1.3
West Virginia	528	0.2	501	0.2	538	0.2
Wisconsin	1,426	0.4	1,597	0.5	1,654	0.5
Wyoming	72	0.0	78	0.0	79	0.0
Total	318,481		331,050		351,607	

¹ Cumulative from July 1991 through June 2001 using the Ryan White CARE Act formula.

² Cumulative from 1981 through June 2001 from HIV/AIDS surveillance data.

³ Includes cases diagnosed and deaths occurring through June 2001 and reported through December 2001.

Table 5. Estimates of the number of people living with AIDS as of June 2001, by Ryan White CARE Act eligible metropolitan area of residence: comparison of three methods

EMA	Ryan White CARE Act		Number reported to be living		Adjusted for reporting delays	
	Number ¹	Percent	Number ²	Percent	Number ^{2, 3}	Percent
Atlanta, GA	6,629	2.9	7,215	3.0	7,812	3.1
Austin, TX	1,608	0.7	1,739	0.7	1,825	0.7
Baltimore, MD	7,122	3.1	6,896	2.9	7,746	3.1
Bergen, NJ	2,099	0.9	1,985	0.8	2,028	0.8
Boston, MA-NH	5,851	2.6	6,304	2.7	7,073	2.8
Caguas, PR	702	0.3	641	0.3	687	0.3
Chicago, IL	9,052	4.0	8,666	3.7	9,189	3.6
Cleveland, OH	1,415	0.6	1,590	0.7	1,722	0.7
Dallas, TX	4,805	2.1	5,554	2.3	5,791	2.3
Denver, CO	1,966	0.9	2,309	1.0	2,377	0.9
Detroit, MI	3,275	1.4	3,147	1.3	3,449	1.4
Dutchess Co., NY	489	0.2	562	0.2	532	0.2
Fort Lauderdale, FL	5,634	2.5	5,952	2.5	6,130	2.4
Fort Worth, TX	1,356	0.6	1,492	0.6	1,519	0.6
Hartford, CT	1,837	0.8	2,104	0.9	2,180	0.9
Houston, TX	7,483	3.3	7,938	3.3	8,176	3.2
Jacksonville, FL	1,926	0.8	2,256	1.0	2,340	0.9
Jersey City, NJ	2,435	1.1	2,296	1.0	2,358	0.9
Kansas City, MO-KS	1,383	0.6	1,829	0.8	1,849	0.7
Las Vegas, NV-AZ	1,755	0.8	1,822	0.8	1,851	0.7
Los Angeles, CA	14,930	6.5	15,333	6.5	16,350	6.5
Miami, FL	10,132	4.4	10,741	4.5	11,008	4.3
Middlesex, NJ	1,204	0.5	1,226	0.5	1,250	0.5
Minneapolis-St. Paul, MN-WI	1,279	0.6	1,515	0.6	1,532	0.6
Nassau-Suffolk, NY	2,502	1.1	2,706	1.1	2,743	1.1
New Haven, CT	2,787	1.2	3,365	1.4	3,556	1.4
New Orleans, LA	2,872	1.3	3,008	1.3	3,032	1.2
New York, NY	46,143	20.2	44,777	18.9	48,848	19.3
Newark, NJ	6,567	2.9	6,064	2.6	6,219	2.5
Norfolk, VA-NC	2,015	0.9	1,812	0.8	2,079	0.8
Oakland, CA	2,847	1.2	3,123	1.3	3,272	1.3
Orange County, CA	2,123	0.9	2,625	1.1	2,727	1.1
Orlando, FL	2,872	1.3	2,971	1.3	3,131	1.2
Philadelphia, PA-NJ	8,680	3.8	9,235	3.9	10,154	4.0
Phoenix, AZ	2,464	1.1	2,397	1.0	2,487	1.0
Ponce, PR	1,113	0.5	1,181	0.5	1,244	0.5
Portland, OR-WA	1,437	0.6	1,706	0.7	1,804	0.7
Riverside-San Bernardino, CA	3,023	1.3	3,387	1.4	3,535	1.4
Sacramento, CA	1,255	0.5	1,287	0.5	1,358	0.5
St. Louis, MO-IL	1,915	0.8	2,216	0.9	2,311	0.9
San Antonio, TX	1,612	0.7	1,835	0.8	1,911	0.8
San Diego, CA	4,091	1.8	4,553	1.9	4,773	1.9
San Francisco, CA	7,905	3.5	7,660	3.2	9,389	3.7
San Jose, CA	1,137	0.5	1,323	0.6	1,376	0.5
San Juan, PR	6,359	2.8	5,668	2.4	5,992	2.4
Santa Rosa, CA	492	0.2	620	0.3	632	0.2
Seattle, WA	2,373	1.0	2,918	1.2	3,038	1.2
Tampa-St. Petersburg, FL	3,607	1.6	3,782	1.6	3,964	1.6
Vineland, NJ	348	0.2	335	0.1	341	0.1
Wash., DC-MD-VA-WV	10,230	4.5	11,669	4.9	12,579	5.0
West Palm Beach, FL	3,417	1.5	3,652	1.5	3,805	1.5
Total	228,553		236,987		253,074	

¹ Cumulative from July 1991 through June 2001 using the Ryan White CARE Act formula.

² Cumulative from 1981 through June 2001 from HIV/AIDS surveillance data.

³ Includes cases diagnosed and deaths occurring through June 2001 and reported through December 2001.

Technical Notes

At 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 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 purposes of the Ryan White CARE Act funding allocations. The survival weights are updated by CDC every two years according to methods specified in the Act (the weights were most recently updated in July 2001).

The legislative authority for the method of estimating the number of persons living with AIDS under Title I is Section 2603(a)(3)(c) of the Ryan White CARE act. 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 — .12
- Year 2 — .22
- Year 3 — .32
- Year 4 — .43
- Year 5 — .57
- Year 6 — .68
- Year 7 — .76
- Year 8 — .80
- Year 9 — .85
- Year 10 — .89

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

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

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

These weights will be updated in July 2003, as required by the CARE act, by using the AIDS cases reported through June 30, 2003.

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 .12.

The second year count is multiplied by .22, 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. The estimates from this method are based on AIDS surveillance data reported to CDC through June 2001.

Method II — Number of Persons Reported to be Living with AIDS

For each state or EMA, the number of persons reported with AIDS with vital status “alive” as of June 30, 2001 is calculated. (See HIV/AIDS Surveillance Report, 2001, 13[No.1]:Table 1). Persons whose vital status is unknown are excluded, as well as those whose residence is unknown. This total count is the estimated number of people 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, and 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). Two maximum likelihood procedures are performed—for delays in reporting AIDS cases and 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 diagnosed with AIDS. The estimates from this method are based on AIDS surveillance data reported to CDC through December 31, 2001, and include cases *diagnosed* and deaths occurring through June 2001. Estimated AIDS cases and estimated AIDS deaths are adjusted for reporting delays, but not for incomplete reporting. Methods used for AIDS surveillance are described in the HIV/AIDS Surveillance Reports available at www.cdc.gov/hiv/stats/hasrlink.htm.