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AIDS Cases by State and Metropolitan Area Provided for the Ryan White CARE Act June 2005



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Commentary

The Ryan White Comprehensive AIDS Resources Emergency (CARE) Act was enacted by Congress in 1990 and reauthorized with amendments in 1996 and 2000. The next reauthorization is anticipated sometime in fall 2005. 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 are 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 persons living 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 on the CARE Act is available at <http://www.hrsa.gov>.

Currently, AIDS case counts are used to guide the distribution of funds under the CARE Act. However, concerns have been raised that such allocations are not equitable because the epidemic is not adequately reflected by AIDS cases alone and that areas with emerging HIV epidemics are underfunded because all cases of HIV disease are not included. A related concern with basing allocations on AIDS cases is that jurisdictions are not compensated for providing early access to care and treatment. Therefore, interest is growing in using HIV as well as AIDS data to guide these funding decisions. The current legislation states that cases of HIV disease rather than cases of AIDS will be used in FY 2007. When the CARE Act is reauthorized in 2005, Congress may consider changes to the current formula or additional language specifying how and when HIV data may be incorporated into funding formulas.

This report presents the AIDS case counts reported to CDC through June 30, 2005 that were provided to HRSA in July 2005 (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.

Ryan White CARE Act Method of Estimating the Number of Persons Living with AIDS

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. For example using the data presented in Table 1, the first year, July 1995-June 1996, (i.e., the earliest) count is multiplied by .47. The second year, July 1996-June 1997, count is multiplied by .57 and so on for all 10 counts. The summary count (total of these 10 weighted counts), 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 according to methods specified in the Act. The weights were most recently updated in July 2005 using data reported to CDC through June 2005.

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 2005 weights are

Year 1 —	.47
Year 2 —	.57
Year 3 —	.64
Year 4 —	.67
Year 5 —	.73
Year 6 —	.75
Year 7 —	.80
Year 8 —	.84
Year 9 —	.88
Year 10 —	.93

For each 12-month reporting period, the proportion of persons reported with AIDS and not reported as deceased as of June 30 is (cases minus deaths)/cases. This proportion is the weight for the 12-month period.

Table 1. Reported AIDS cases, by area of residence, July 1995 through June 2005

Area of residence	7/1995- 6/1996	7/1996- 6/1997	7/1997- 6/1998	7/1998- 6/1999	7/1999- 6/2000	7/2000- 6/2001	7/2001- 6/2002	7/2002- 6/2003	7/2003- 6/2004	7/2004- 6/2005
Alabama	625	497	581	438	446	421	373	482	458	533
Alaska	37	41	37	24	12	39	18	33	27	55
Arizona	634	506	504	670	610	464	493	632	555	625
Arkansas	246	223	208	172	178	175	237	170	223	132
California	10,020	7,762	6,001	5,327	4,397	4,371	3,985	4,917	5,137	4,419
Colorado	586	419	292	321	283	298	266	372	300	367
Connecticut	1,468	1,153	863	589	619	492	635	574	815	582
Delaware	303	249	157	167	189	231	240	211	162	177
District of Columbia	1,033	1,139	882	698	904	866	684	1,106	820	1,104
Florida	7,263	6,292	5,024	5,170	4,622	4,705	4,580	4,655	5,395	5,601
Georgia	2,323	1,954	1,274	1,494	1,215	1,292	1,704	1,355	1,957	1,860
Hawaii	191	137	120	122	118	63	140	121	93	151
Idaho	39	43	38	27	25	19	18	29	21	20
Illinois	2,064	1,698	1,696	1,225	1,950	1,187	1,560	2,166	1,521	1,829
Indiana	601	520	458	326	348	332	462	466	441	423
Iowa	116	98	87	75	81	85	86	81	69	88
Kansas	218	155	126	129	142	91	90	76	133	111
Kentucky	296	374	295	286	230	279	269	233	241	280
Louisiana	1,294	1,169	1,005	846	668	743	864	1,050	1,182	888
Maine	68	52	40	39	62	39	45	44	31	57
Maryland	2,171	2,056	1,551	1,552	1,330	1,559	1,976	1,606	1,541	1,577
Massachusetts	1,206	1,016	696	1,160	1,367	763	691	752	657	701
Michigan	988	886	761	681	571	742	634	740	672	655
Minnesota	318	241	173	200	189	173	141	164	193	249
Mississippi	390	416	337	405	383	438	345	449	522	482
Missouri	785	647	503	439	444	410	324	430	384	424
Montana	29	39	32	18	18	14	9	15	6	7
Nebraska	94	96	71	69	59	83	64	69	49	66
Nevada	412	407	417	240	273	221	257	302	279	337
New Hampshire	95	67	50	45	35	27	43	35	46	36
New Jersey	3,828	3,596	2,375	1,946	1,740	1,702	1,557	1,500	1,444	1,637
New Mexico	102	205	198	111	119	102	129	86	148	151
New York	12,787	11,901	10,830	7,298	6,831	5,140	7,567	6,590	7,102	7,847
North Carolina	929	838	773	751	688	692	939	1,229	784	1,335
North Dakota	10	9	11	5	5	3	3	3	15	9
Ohio	1,042	899	754	565	579	488	673	724	633	751
Oklahoma	256	264	269	162	213	283	242	190	188	277
Oregon	451	329	208	182	205	205	282	255	262	286
Pennsylvania	2,150	1,996	1,762	1,661	1,519	1,546	1,998	1,673	1,704	1,584
Puerto Rico	1,987	2,075	1,909	1,390	990	1,346	1,230	1,155	652	1,242
Rhode Island	171	151	125	110	88	97	107	104	114	130
South Carolina	896	755	726	919	747	680	753	797	744	771
South Dakota	16	10	16	17	8	22	8	14	14	16
Tennessee	850	755	649	726	699	698	688	820	781	822
Texas	4,159	4,633	4,217	3,494	2,397	2,587	2,767	2,861	3,909	3,091
Utah	187	147	136	146	131	140	94	66	73	81
Vermont	36	30	18	15	26	28	21	10	23	8
Virgin Islands	31	49	59	33	41	16	63	36	23	24
Virginia	1,419	1,179	924	825	855	917	884	809	731	774
Washington	730	704	493	357	423	480	476	435	518	461
West Virginia	135	102	116	58	61	71	90	78	73	99
Wisconsin	317	243	214	176	160	194	219	183	163	173
Wyoming	13	18	5	7	16	5	8	11	9	14

Table 2. Reported AIDS cases, by Ryan White CARE Act eligible metropolitan area of residence, July 1995 through June 2005

EMA ^a	7/1995- 6/1996	7/1996- 6/1997	7/1997- 6/1998	7/1998- 6/1999	7/1999- 6/2000	7/2000- 6/2001	7/2001- 6/2002	7/2002- 6/2003	7/2003- 6/2004	7/2004- 6/2005
Atlanta, GA	1,646	1,311	875	1,009	674	841	1,178	934	1,177	1,287
Austin-San Marcos, TX	270	258	278	242	173	195	166	201	187	223
Baltimore, MD	1,463	1,475	1,060	1,128	873	1,084	1,396	1,090	968	1,012
Bergen-Passaic, NJ	480	489	317	252	214	191	148	182	178	187
Boston-Brockton-Nashua, MA-NH Necma	1,054	870	621	1,049	1,146	654	612	676	587	608
Caguas, PR	155	163	138	76	64	49	90	110	61	111
Chicago, IL	1,734	1,389	1,498	1,027	1,717	986	1,292	1,905	1,305	1,570
Cleveland-Lorain- Elyria, OH	240	269	267	171	175	171	182	158	166	194
Dallas, TX	962	863	770	614	582	533	794	643	833	769
Denver, CO	439	319	229	236	205	220	208	258	208	276
Detroit, MI	697	545	562	416	396	543	447	528	499	439
Dutchess County, NY	115	103	156	44	59	24	71	69	85	81
Fort Lauderdale, FL	1,155	1,033	754	890	792	683	614	691	961	855
Fort Worth-Arlington, TX	188	283	242	143	194	116	133	236	220	191
Hartford, CT Necma	490	390	327	231	239	153	184	239	270	259
Houston, TX	1,292	1,700	1,641	1,283	589	853	755	878	1,638	918
Jacksonville, FL	352	343	266	262	249	299	268	261	316	340
Jersey City, NJ	606	564	378	230	209	230	229	181	196	243
Kansas City, MO-KS	313	211	204	173	176	162	101	138	132	175
Las Vegas, NV-AZ	335	331	376	211	237	195	234	275	267	291
Los Angeles-Long Beach, CA	3,709	3,040	2,130	1,888	1,484	1,499	1,474	1,782	2,267	2,052
Miami, FL	2,248	1,721	1,456	1,456	1,177	1,256	1,037	1,101	1,200	1,424
Middlesex-Somerset- Hunterdon, NJ	310	257	192	104	122	122	145	111	113	125
Minneapolis-St. Paul, MN-WI	273	214	157	183	176	157	126	144	161	209
Nassau-Suffolk, NY	614	625	429	312	297	193	327	296	267	420
N Havn-Brpt-Dnbry- Wtrbry, CT Necma	829	650	481	311	307	295	396	295	472	272
New Orleans, LA	686	606	469	412	316	339	364	453	493	360
New York, NY	10,882	9,620	8,334	6,244	5,675	4,454	6,306	5,416	5,902	6,040
Newark, NJ	1,478	1,492	966	912	712	710	636	554	515	616
Norfolk-VA Beach- Newport News, VA	514	461	289	245	291	251	304	217	135	179
Oakland, CA	634	515	386	380	301	289	286	317	335	263
Orange County, CA	481	346	272	303	200	359	224	243	206	221
Orlando, FL	570	467	482	447	347	412	443	517	564	579
Philadelphia, PA-NJ	1,605	1,508	1,365	1,266	1,290	1,244	1,416	1,274	1,230	1,170
Phoenix-Mesa, AZ	450	313	362	511	444	307	379	472	407	469
Ponce, PR	257	206	152	123	117	159	125	131	69	116
Portland-Vancouver, OR-WA	321	245	166	131	167	177	226	199	191	217
Riverside-San Bernardino, CA	617	533	512	387	266	327	312	394	395	336
Sacramento, CA	253	193	181	179	66	174	109	126	91	107
St. Louis, MO-IL	411	391	259	227	263	224	215	256	234	198
San Antonio, TX	349	354	286	191	180	139	215	169	161	228
San Diego, CA	1,093	778	615	525	492	400	422	566	482	360
San Francisco, CA	1,715	1,313	1,114	865	851	665	492	651	631	504
San Jose, CA	286	212	138	147	130	103	114	125	94	38
San Juan-Bayamon, PR	1,245	1,302	1,201	937	608	823	774	701	415	732
Santa Rosa, CA	156	71	56	50	29	46	34	70	75	47
Seattle-Bellevue- Everett, WA	517	461	317	229	241	309	320	285	370	304
Tampa-St. Pete.- Clearwater, FL	712	618	546	515	456	472	547	444	630	672
Vineland-Millville- Bridgeton, NJ	100	60	43	41	57	48	36	60	45	49

Table 2. Reported AIDS cases, by Ryan White CARE Act eligible metropolitan area of residence, July 1995 through June 2005 (Continued)

EMA ^a	7/1995- 6/1996	7/1996- 6/1997	7/1997- 6/1998	7/1998- 6/1999	7/1999- 6/2000	7/2000- 6/2001	7/2001- 6/2002	7/2002- 6/2003	7/2003- 6/2004	7/2004- 6/2005
Washington, DC-MD- VA-WV	1,968	1,881	1,545	1,223	1,539	1,570	1,489	1,846	1,655	1,877
West Palm Beach- Boca Raton, FL	778	684	504	429	491	459	514	439	507	435

^a EMA, eligible metropolitan area.

Table 3. Reported AIDS cases for state components of cross-state metropolitan areas, July 1995 through June 2005

EMA ^a	7/1995- 6/1996	7/1996- 6/1997	7/1997- 6/1998	7/1998- 6/1999	7/1999- 6/2000	7/2000- 6/2001	7/2001- 6/2002	7/2002- 6/2003	7/2003- 6/2004	7/2004- 6/2005
Boston, MA	994	826	581	1,015	1,123	633	585	654	553	583
Boston, NH	60	44	40	34	23	21	27	22	34	25
Kansas City, KS	81	49	48	43	53	38	32	27	46	36
Kansas City, MO	232	162	156	130	123	124	69	111	86	139
Las Vegas, AZ	10	11	13	17	8	11	4	11	9	8
Las Vegas, NV	325	320	363	194	229	184	230	264	258	283
Minneapolis, MN	272	213	156	183	174	156	126	143	161	209
Minneapolis, WI	1	1	1	0	2	1	0	1	0	0
Norfolk, NC	3	1	0	1	1	0	0	1	0	0
Norfolk, VA	511	460	289	244	290	251	304	216	135	179
Philadelphia, NJ	230	236	165	131	140	112	100	171	132	144
Philadelphia, PA	1,375	1,272	1,200	1,135	1,150	1,132	1,316	1,103	1,098	1,026
Portland, OR	300	215	142	122	144	152	198	174	170	191
Portland, WA	21	30	24	9	23	25	28	25	21	26
St. Louis, IL	46	42	27	11	27	34	51	30	40	30
St. Louis, MO	365	349	232	216	236	190	164	226	194	168
Washington, DC	1,033	1,139	882	698	904	866	684	1,106	820	1,104
Washington, MD	534	472	386	322	359	367	479	428	478	486
Washington, VA	380	259	264	200	270	327	316	305	344	269
Washington, WV	21	11	13	3	6	10	10	7	13	18

Note. Some metropolitan areas cover more than one state.

^a EMA, eligible metropolitan area.