

HIVAIDS

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Characteristics of Persons Living With AIDS at the End of 1997



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Commentary

Recent developments in medical and pharmacologic therapies have significantly increased the survival time for persons infected with human immunodeficiency virus (HIV). Historic patterns of acquired immunodeficiency syndrome (AIDS) incidence no longer provide unbiased information on trends in HIV transmission by demographic, risk, or geographic categories. AIDS incidence is affected by patterns of testing, access to health care, and effectiveness of treatment. In addition, historic patterns of death for persons with AIDS are no longer as reliable for estimating survival after an AIDS diagnosis because persons with AIDS are living longer. Survival patterns are changing as the effects of combination therapies change the epidemiology of disease progression.

In 1996, annual AIDS incidence decreased for the first time in the United States. Declines were seen in men, non-Hispanic whites, Hispanics, and all 5-year age groups. This pattern continued in 1997. Deaths attributable to AIDS have also decreased since 1996 in all racial/ethnic groups and among men and women. The recent decreases in AIDS-related deaths reflect a combination of the effects of new antiretroviral therapies that delay progression to AIDS, treatments to prevent secondary opportunistic infections, and the expected decreases in some groups from past declines in HIV incidence.

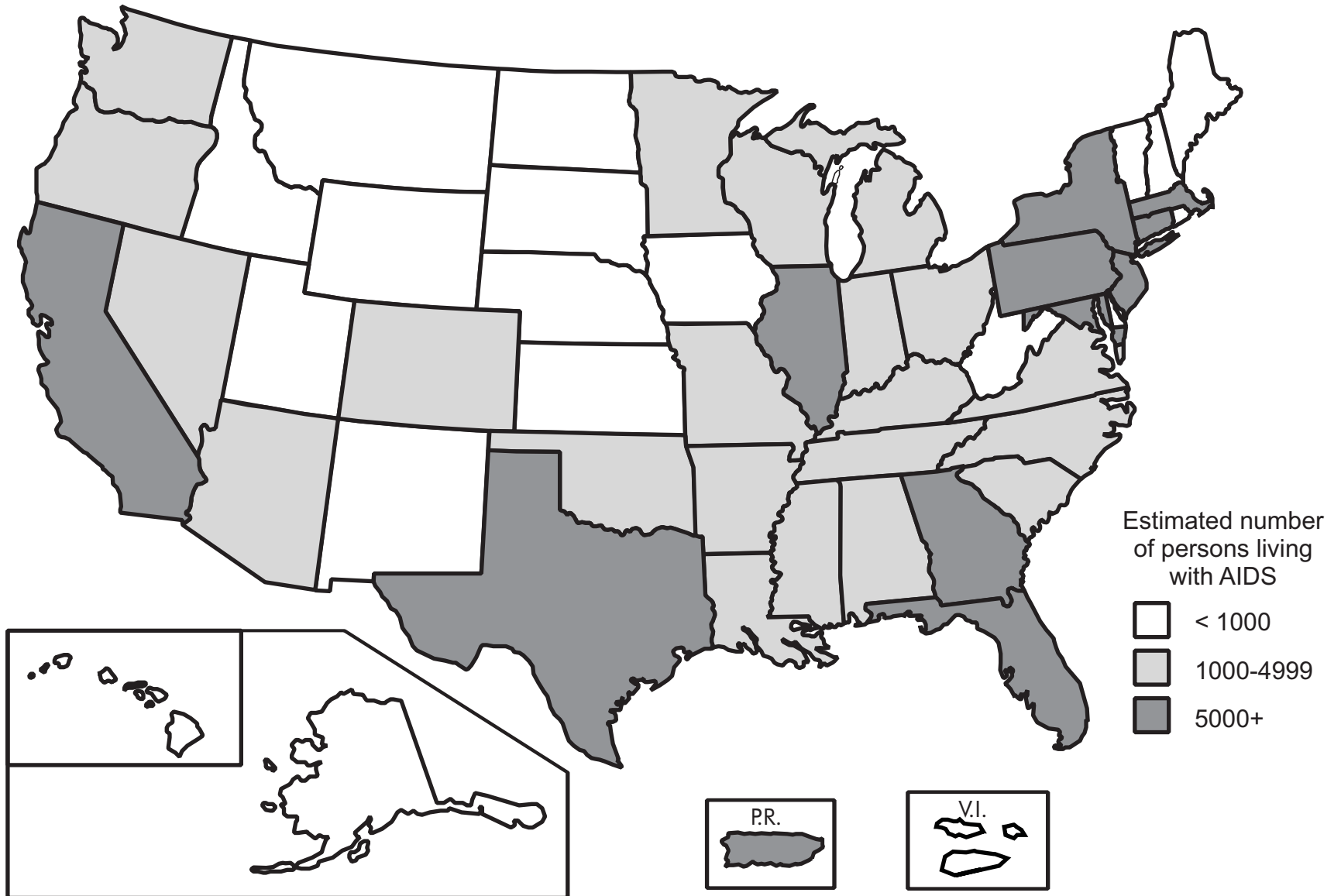
AIDS-related organizations at federal, state, and local levels of government, as well as some businesses and community groups, rely on current AIDS information to plan for the future. Recent data on the number of persons living with AIDS allow better planning for future fiscal

requirements, along with medical and social service needs.

The prevalence of AIDS is a function of the number of incident cases and the length of time persons survive after an AIDS diagnosis. At the end of 1997, approximately 270,000 persons who had a diagnosis of AIDS and who had been reported to CDC with AIDS were alive. Although the annual number of new AIDS diagnoses has decreased, AIDS prevalence increased by approximately 30,000 persons from 1996 to 1997 because of longer survival times after diagnosis. In every state, the District of Columbia, and Puerto Rico, the number of prevalent AIDS cases increased between the end of 1996 and the end of 1997. If medical treatments continue to improve survival and if the number of new infections does not decrease, the number of persons living with HIV and AIDS is expected to increase slightly each year for some time.

Because the progression of many cases of HIV to AIDS can be delayed by therapies and treatment, the total prevalence among persons with a diagnosis of HIV (including AIDS) is a more accurate measure than is AIDS prevalence for the population in need of care and services. HIV prevalence includes persons with a diagnosis of AIDS, as well as HIV-infected persons who have been tested and reported but in whom AIDS has not developed. Currently 29 states conduct name-based HIV case surveillance in addition to AIDS surveillance; three additional states conduct HIV surveillance for pediatric cases only. Efforts toward implementing national HIV surveillance are under way.

Estimated number of persons living with AIDS at the end of 1997, by state of residence



Estimated number of persons living with AIDS at the end of 1997, by state of residence and sex, data as of September 1998, United States

State of residence	Male	Female	Total*
Alabama	1,913	419	2,332
Alaska	177	36	214
Arizona	2,170	259	2,430
Arkansas	1,027	219	1,245
California	36,406	3,886	40,292
Colorado	2,322	198	2,520
Connecticut	3,829	1,461	5,291
Delaware	689	260	949
District of Columbia	3,785	1,065	4,850
Florida	21,956	7,307	29,262
Georgia	7,177	1,599	8,776
Hawaii	705	67	772
Idaho	157	22	178
Illinois	6,486	1,413	7,898
Indiana	2,088	268	2,356
Iowa	449	49	499
Kansas	680	104	784
Kentucky	1,031	178	1,209
Louisiana	3,675	771	4,446
Maine	318	57	375
Maryland	5,813	2,283	8,096
Massachusetts	3,856	1,214	5,070
Michigan	3,321	729	4,050
Minnesota	1,158	165	1,323
Mississippi	1,040	317	1,357
Missouri	3,185	370	3,556
Montana	131	15	146
Nebraska	315	53	368
Nevada	1,601	241	1,842
New Hampshire	344	74	417
New Jersey	9,325	4,233	13,557
New Mexico	762	69	831
New York	35,139	12,647	47,787
North Carolina	2,781	797	3,579
North Dakota	33	4	38
Ohio	3,174	519	3,693
Oklahoma	1,191	159	1,350
Oregon	1,576	147	1,723
Pennsylvania	6,823	1,930	8,753
Rhode Island	568	202	770
South Carolina	2,575	769	3,345
South Dakota	51	6	57
Tennessee	2,665	495	3,160
Texas	17,730	2,956	20,685
Utah	641	60	701
Vermont	134	25	158
Virginia	3,843	867	4,710
Washington	3,226	336	3,562
West Virginia	358	55	413
Wisconsin	1,179	175	1,354
Wyoming	57	3	60
U.S. dependencies, possessions, and associated nations			
Guam	6	1	7
Pacific Islands, U.S.	2	1	3
Puerto Rico	5,859	2,069	7,927
Virgin Islands, U.S.	143	57	201
Total	217,647	53,680	271,327

* Total includes cases with unknown sex.

These numbers do not represent actual cases of persons with AIDS, but rather are point estimates adjusted for delays in the reporting of AIDS cases and deaths, but not for incomplete reporting. U.S. totals presented in this report include data from the United States (50 states and the District of Columbia) and from U.S. dependencies, possessions, and independent nations in free association with the United States. Data were reported through September 30, 1998. Persons with unknown state or area of residence were excluded. The sum of the demographic categories may not equal the total estimates due to rounding.

Estimated number of persons living with AIDS at the end of 1997, by state of residence and age group, data as of September 1998, United States

State of residence	< 13	13-19	20-34	35-64	65+	Total*
Alabama	18	11	799	1,476	28	2,332
Alaska	2	0	55	154	3	214
Arizona	5	7	679	1,689	50	2,430
Arkansas	19	5	420	775	25	1,245
California	172	104	9,996	29,438	581	40,292
Colorado	2	9	654	1,828	28	2,520
Connecticut	72	17	1,126	4,001	75	5,291
Delaware	9	0	241	689	10	949
District of Columbia	88	11	1,046	3,633	72	4,850
Florida	530	148	7,621	20,370	593	29,262
Georgia	76	22	2,583	5,985	110	8,776
Hawaii	5	1	165	591	10	772
Idaho	0	0	55	124	0	178
Illinois	105	24	2,008	5,652	108	7,898
Indiana	10	7	729	1,583	27	2,356
Iowa	4	2	156	327	10	499
Kansas	2	4	273	494	11	784
Kentucky	11	5	382	803	8	1,209
Louisiana	49	22	1,441	2,885	50	4,446
Maine	7	1	90	272	4	375
Maryland	146	30	1,988	5,833	99	8,096
Massachusetts	71	18	1,229	3,700	52	5,070
Michigan	28	15	982	2,973	51	4,050
Minnesota	9	3	365	940	6	1,323
Mississippi	25	15	524	775	19	1,357
Missouri	17	17	1,155	2,336	30	3,556
Montana	0	0	54	86	5	146
Nebraska	3	5	131	228	1	368
Nevada	12	4	529	1,269	28	1,842
New Hampshire	3	1	113	293	7	417
New Jersey	213	85	2,881	10,213	165	13,557
New Mexico	6	1	248	569	6	831
New York	714	262	9,722	36,312	777	47,787
North Carolina	45	19	1,017	2,452	45	3,579
North Dakota	0	0	11	26	0	38
Ohio	40	11	1,152	2,448	43	3,693
Oklahoma	9	5	410	915	11	1,350
Oregon	4	4	493	1,207	15	1,723
Pennsylvania	154	30	2,318	6,147	104	8,753
Rhode Island	4	3	179	578	6	770
South Carolina	27	7	1,092	2,171	48	3,345
South Dakota	1	0	18	36	2	57
Tennessee	17	11	1,110	1,989	33	3,160
Texas	131	94	6,598	13,628	233	20,685
Utah	4	3	208	484	2	701
Vermont	2	0	31	124	0	158
Virginia	78	19	1,334	3,227	52	4,710
Washington	13	6	988	2,512	43	3,562
West Virginia	3	0	120	287	4	413
Wisconsin	9	4	414	918	9	1,354
Wyoming	2	1	17	38	2	60
U.S. dependencies, possessions, and associated nations						
Guam	0	0	1	6	0	7
Pacific Islands, U.S.	0	0	3	0	0	3
Puerto Rico	146	70	2,162	5,375	174	7,927
Virgin Islands, U.S.	6	2	39	147	6	201
Total	3,131	1,145	70,155	193,014	3,883	271,327

*Total includes cases with unknown age.

These numbers do not represent actual cases of persons with AIDS, but rather are point estimates adjusted for delays in the reporting of AIDS cases and deaths, but not for incomplete reporting. U.S. totals presented in this report include data from the United States (50 states and the District of Columbia) and from U.S. dependencies, possessions, and independent nations in free association with the United States. Data were reported through September 30, 1998. Persons with unknown state or area of residence were excluded. The sum of the demographic categories may not equal the total estimates due to rounding.

Estimated number of persons living with AIDS at the end of 1997, by state of residence and race/ethnicity, data as of September 1998, United States

State of residence	White, not Hispanic	Black, not Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Total*
Alabama	916	1,384	28	3	1	2,332
Alaska	132	16	20	2	44	214
Arizona	1,678	218	464	19	44	2,430
Arkansas	777	439	16	2	7	1,245
California	22,386	7,569	9,135	919	204	40,292
Colorado	1,789	318	388	11	15	2,520
Connecticut	1,728	2,104	1,421	18	9	5,291
Delaware	248	648	49	1	4	949
District of Columbia	772	3,875	175	24	2	4,850
Florida	11,083	13,364	4,734	57	19	29,262
Georgia	2,845	5,686	225	9	8	8,776
Hawaii	487	43	53	187	2	772
Idaho	149	4	22	1	2	178
Illinois	2,787	3,974	1,070	53	14	7,898
Indiana	1,636	623	91	2	3	2,356
Iowa	399	74	23	2	0	499
Kansas	591	132	44	3	10	784
Kentucky	793	383	28	4	1	1,209
Louisiana	1,881	2,416	126	10	3	4,446
Maine	341	16	14	2	1	375
Maryland	1,537	6,360	182	11	5	8,096
Massachusetts	2,504	1,278	1,240	26	7	5,070
Michigan	1,665	2,242	127	9	7	4,050
Minnesota	908	293	82	11	29	1,323
Mississippi	425	911	14	1	2	1,357
Missouri	2,184	1,236	109	8	17	3,556
Montana	131	5	2	0	8	146
Nebraska	256	73	34	2	1	368
Nevada	1,181	382	243	20	15	1,842
New Hampshire	343	27	43	1	2	417
New Jersey	3,486	7,343	2,620	58	11	13,557
New Mexico	463	45	286	1	35	831
New York	11,685	20,422	14,884	328	31	47,787
North Carolina	1,005	2,423	104	10	24	3,579
North Dakota	27	2	2	1	5	38
Ohio	2,088	1,408	181	12	3	3,693
Oklahoma	950	232	63	6	94	1,350
Oregon	1,473	100	112	16	20	1,723
Pennsylvania	2,931	4,554	1,228	35	1	8,753
Rhode Island	415	179	163	4	9	770
South Carolina	1,053	2,240	44	4	3	3,345
South Dakota	45	3	2	0	7	57
Tennessee	1,618	1,486	45	6	4	3,160
Texas	9,985	6,532	4,035	85	41	20,685
Utah	571	46	68	6	11	701
Vermont	138	14	3	2	1	158
Virginia	1,835	2,647	188	33	4	4,710
Washington	2,735	402	290	59	74	3,562
West Virginia	323	86	4	0	0	413
Wisconsin	755	452	126	6	14	1,354
Wyoming	54	2	4	0	0	60
U.S. dependencies, possessions, and associated nations						
Guam	1	0	0	6	0	7
Pacific Islands, U.S.	0	0	0	3	0	3
Puerto Rico	8	2	7,912	0	0	7,927
Virgin Islands, U.S.	23	102	75	0	0	201
Total	108,220	106,816	52,644	2,102	878	271,327

* Total includes cases with unknown race/ethnicity.

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Estimated number of persons living with AIDS at the end of 1997, by metropolitan area of residence and sex, data as of September 1998, United States

Metropolitan area of residence (with 500,000 or more population)	Male	Female	Total*
Akron, Ohio	171	21	192
Albany-Schenectady, N.Y.	504	173	677
Albuquerque, N.Mex.	399	31	430
Allentown, Pa.	209	89	298
Ann Arbor, Mich.	128	20	148
Atlanta, Ga.	5,194	926	6,119
Austin, Tex.	1,215	193	1,408
Bakersfield, Calif.	397	35	432
Baltimore, Md.	3,815	1,660	5,475
Baton Rouge, La.	494	142	636
Bergen-Passaic, N.J.	1,182	575	1,757
Birmingham, Ala.	604	112	716
Boston, Mass.	3,474	1,073	4,547
Buffalo, N.Y.	449	120	570
Charleston, S.C.	447	108	555
Charlotte, N.C.	567	138	705
Chicago, Ill.	5,435	1,231	6,666
Cincinnati, Ohio	629	72	701
Cleveland, Ohio	1,055	205	1,260
Columbia, S.C.	556	146	702
Columbus, Ohio	529	56	585
Dallas, Tex.	4,166	473	4,639
Dayton, Ohio	255	51	305
Denver, Colo.	1,842	137	1,979
Detroit, Mich.	2,209	556	2,765
El Paso, Tex.	364	40	404
Fort Lauderdale, Fla.	3,299	1,225	4,524
Fort Worth, Tex.	1,113	234	1,347
Fresno, Calif.	307	90	396
Gary, Ind.	238	51	289
Grand Rapids, Mich.	245	31	276
Greensboro, N.C.	366	82	448
Greenville, S.C.	433	84	517
Harrisburg, Pa.	254	63	317
Hartford, Conn.	1,420	471	1,891
Honolulu, Hawaii	470	46	516
Houston, Tex.	6,055	1,203	7,258
Indianapolis, Ind.	1,002	118	1,120
Jacksonville, Fla.	1,294	540	1,834
Jersey City, N.J.	1,518	594	2,112
Kansas City, Mo.	1,386	134	1,520
Knoxville, Tenn.	243	32	275
Las Vegas, Nev.	1,342	212	1,553
Little Rock, Ark.	411	68	480
Los Angeles, Calif.	12,615	1,322	13,937
Louisville, Ky.	513	90	604
McAllen, Tex.	127	20	147
Memphis, Tenn.	871	198	1,069
Miami, Fla.	6,456	2,184	8,639
Middlesex, N.J.	715	352	1,067
Milwaukee, Wis.	644	103	748
Minneapolis-Saint Paul, Minn.	1,020	142	1,161
Mobile, Ala.	345	96	441
Monmouth-Ocean, N.J.	638	299	938
Nashville, Tenn.	894	149	1,043
Nassau-Suffolk, N.Y.	1,670	632	2,302
New Haven, Conn.	2,101	878	2,979
New Orleans, La.	2,023	406	2,429
New York, N.Y.	28,761	10,864	39,625
Newark, N.J.	3,502	1,863	5,365
Norfolk, Va.	1,172	323	1,496
Oakland, Calif.	2,287	420	2,708
Oklahoma City, Okla.	566	69	635
Omaha, Neb.	229	41	270
Orange County, Calif.	1,947	229	2,176

Estimated number of persons living with AIDS at the end of 1997, by metropolitan area of residence and sex, data as of September 1998, United States

Metropolitan area of residence (with 500,000 or more population)	Male	Female	Total*
Orlando, Fla.	1,882	430	2,312
Philadelphia, Pa.	5,294	1,539	6,833
Phoenix, Ariz.	1,497	173	1,670
Pittsburgh, Pa.	609	112	721
Portland, Oreg.	1,283	106	1,389
Providence, R.I.	534	193	727
Raleigh-Durham, N.C.	558	152	711
Richmond, Va.	760	170	930
Riverside-San Bernardino, Calif.	2,474	321	2,795
Rochester, N.Y.	681	322	1,003
Sacramento, Calif.	958	134	1,092
Saint Louis, Mo.	1,544	207	1,750
Salt Lake City, Utah	557	56	613
San Antonio, Tex.	1,464	162	1,626
San Diego, Calif.	3,512	336	3,848
San Francisco, Calif.	7,850	505	8,355
San Jose, Calif.	1,008	108	1,117
San Juan, P.R.	3,605	1,192	4,797
Sarasota, Fla.	377	97	475
Scranton, Pa.	119	30	149
Seattle, Wash.	2,292	170	2,463
Springfield, Mass.	390	175	564
Stockton, Calif.	187	51	238
Syracuse, N.Y.	391	99	490
Tacoma, Wash.	243	67	310
Tampa-Saint Petersburg, Fla.	2,534	587	3,122
Toledo, Ohio	161	30	192
Tucson, Ariz.	487	51	538
Tulsa, Okla.	380	40	420
Ventura, Calif.	236	28	264
Washington, D.C.	6,520	1,812	8,332
West Palm Beach, Fla.	1,871	932	2,803
Wichita, Kans.	215	23	238
Wilmington, Del.	542	217	759
Youngstown, Ohio	82	16	98
Metropolitan areas with 50,000 to 500,000 population	22,425	5,315	27,740
Nonmetropolitan areas	13,979	3,191	17,170
Unknown	1,360	192	1,552
Total	217,647	53,680	271,327

* Total includes cases with unknown sex.

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Estimated number of persons living with AIDS at the end of 1997, by metropolitan area of residence and age group, data as of September 1998, United States

Metropolitan area of residence (with 500,000 or more population)	<13	13-19	20-34	35-64	65+	Total*
Akron, Ohio	0	0	53	138	1	192
Albany-Schenectady, N.Y.	9	2	184	479	3	677
Albuquerque, N.Mex.	1	1	144	279	5	430
Allentown, Pa.	2	1	77	216	2	298
Ann Arbor, Mich.	2	0	37	106	2	148
Atlanta, Ga.	43	12	1,766	4,229	69	6,119
Austin, Tex.	2	0	468	933	6	1,408
Bakersfield, Calif.	1	0	138	291	2	432
Baltimore, Md.	103	10	1,251	4,041	69	5,475
Baton Rouge, La.	7	5	199	418	7	636
Bergen-Passaic, N.J.	18	12	377	1,321	28	1,757
Birmingham, Ala.	8	2	224	476	6	716
Boston, Mass.	65	16	1,114	3,304	49	4,547
Buffalo, N.Y.	3	4	128	429	5	570
Charleston, S.C.	5	0	159	385	6	555
Charlotte, N.C.	8	1	198	494	5	705
Chicago, Ill.	98	15	1,618	4,832	102	6,666
Cincinnati, Ohio	4	0	217	470	10	701
Cleveland, Ohio	11	6	376	850	17	1,260
Columbia, S.C.	4	2	232	457	7	702
Columbus, Ohio	3	0	193	383	5	585
Dallas, Tex.	11	18	1,423	3,154	33	4,639
Dayton, Ohio	9	2	92	198	4	305
Denver, Colo.	1	6	509	1,442	20	1,979
Detroit, Mich.	22	10	601	2,094	39	2,765
El Paso, Tex.	6	3	147	245	3	404
Fort Lauderdale, Fla.	100	20	1,122	3,201	81	4,524
Fort Worth, Tex.	11	3	417	898	18	1,347
Fresno, Calif.	9	1	102	275	9	396
Gary, Ind.	3	0	72	212	3	289
Grand Rapids, Mich.	1	1	86	186	2	276
Greensboro, N.C.	9	1	131	302	5	448
Greenville, S.C.	1	2	187	319	8	517
Harrisburg, Pa.	3	1	102	209	2	317
Hartford, Conn.	19	5	450	1,393	24	1,891
Honolulu, Hawaii	5	1	116	384	10	516
Houston, Tex.	64	39	2,142	4,906	108	7,258
Indianapolis, Ind.	4	2	358	747	9	1,120
Jacksonville, Fla.	38	8	556	1,206	25	1,834
Jersey City, N.J.	29	10	487	1,562	24	2,112
Kansas City, Mo.	4	2	463	1,036	15	1,520
Knoxville, Tenn.	3	0	88	181	3	275
Las Vegas, Nev.	12	4	443	1,074	20	1,553
Little Rock, Ark.	8	0	154	309	9	480
Los Angeles, Calif.	60	45	3,689	9,949	195	13,937
Louisville, Ky.	7	3	183	405	5	604
McAllen, Tex.	5	2	60	76	4	147
Memphis, Tenn.	4	5	412	635	13	1,069
Miami, Fla.	158	46	1,951	6,283	202	8,639
Middlesex, N.J.	21	5	246	780	14	1,067
Milwaukee, Wis.	6	2	230	508	1	748
Minneapolis-Saint Paul, Minn.	8	3	320	827	3	1,161
Mobile, Ala.	1	3	143	289	5	441
Monmouth-Ocean City, N.J.	28	3	192	703	12	938
Nashville, Tenn.	4	4	332	693	10	1,043
Nassau-Suffolk, N.Y.	30	15	457	1,753	46	2,302
New Haven, Conn.	49	8	587	2,288	46	2,979
New Orleans, La.	27	8	719	1,649	26	2,429
New York, N.Y.	642	222	7,812	30,260	689	39,625
Newark, N.J.	86	47	1,023	4,153	57	5,365
Norfolk, Va.	32	5	477	973	8	1,496
Oakland, Calif.	12	7	577	2,060	52	2,708
Oklahoma City, Okla.	4	1	190	432	7	635
Omaha, Neb.	2	2	95	170	1	270
Orange County, Calif.	11	6	586	1,542	30	2,176

Estimated number of persons living with AIDS at the end of 1997, by metropolitan area of residence and age group, data as of September 1998, United States

Metropolitan area of residence (with 500,000 or more population)	<13	13-19	20-34	35-64	65+	Total*
Orlando, Fla.	36	11	661	1,582	22	2,312
Philadelphia, Pa.	132	22	1,769	4,815	95	6,833
Phoenix, Ariz.	2	3	492	1,134	39	1,670
Pittsburgh, Pa.	8	1	212	492	7	721
Portland, Ore.	1	4	393	980	11	1,389
Providence, R.I.	4	3	169	544	6	727
Raleigh-Durham, N.C.	9	3	193	497	8	711
Richmond, Va.	14	6	241	656	13	930
Riverside-San Bernardino, Calif.	19	6	726	2,007	37	2,795
Rochester, N.Y.	8	1	283	703	8	1,003
Sacramento, Calif.	10	0	296	769	17	1,092
Saint Louis, Mo.	11	16	573	1,130	20	1,750
Salt Lake City, Utah	2	2	181	426	1	613
San Antonio, Tex.	9	4	570	1,028	14	1,626
San Diego, Calif.	21	11	1,093	2,675	48	3,848
San Francisco, Calif.	7	7	1,574	6,639	128	8,355
San Jose, Calif.	0	1	313	788	15	1,117
San Juan, P.R.	74	39	1,263	3,302	119	4,797
Sarasota, Fla.	8	3	113	336	14	475
Scranton, Pa.	1	0	38	109	0	149
Seattle, Wash.	5	2	652	1,779	24	2,463
Springfield, Mass.	8	3	145	402	6	564
Stockton, Calif.	4	3	62	166	3	238
Syracuse, N.Y.	3	3	148	333	3	490
Tacoma, Wash.	3	3	106	195	3	310
Tampa, Fla.	46	15	891	2,120	49	3,122
Toledo, Ohio	2	1	68	116	4	192
Tucson, Ariz.	3	2	132	393	7	538
Tulsa, Okla.	2	0	141	277	0	420
Ventura, Calif.	0	0	99	163	2	264
Washington, D.C.	140	34	1,970	6,074	115	8,332
West Palm Beach, Fla.	70	18	726	1,902	87	2,803
Wichita, Kans.	0	0	98	139	1	238
Wilmington, Del.	5	0	178	567	8	759
Youngstown, Ohio	0	0	25	72	1	98
Metropolitan areas with 50,000 to 500,000 population	310	141	8,063	18,851	376	27,740
Nonmetropolitan areas	176	101	5,256	11,381	256	17,170
Unknown	7	3	562	975	6	1,552
Total	3,131	1,145	70,155	193,014	3,883	271,327

* Total includes cases with unknown age.

These numbers do not represent actual cases of persons with AIDS, but rather are point estimates adjusted for delays in the reporting of AIDS cases and deaths, but not for incomplete reporting. U.S. totals presented in this report include data from the United States (50 states and the District of Columbia) and from U.S. dependencies, possessions, and independent nations in free association with the United States. Data were reported through September 30, 1998. Persons with unknown state or area of residence were excluded. The sum of the demographic categories may not equal the total estimates due to rounding.

Estimated number of persons living with AIDS at the end of 1997, by metropolitan area of residence and race/ethnicity, data as of September 1998, United States

Metropolitan area of residence (with 500,000 or more population)	White, not Hispanic	Black, not Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Total*
Akron, Ohio	126	64	2	0	0	192
Albany-Schenectady, N.Y.	296	251	110	2	0	677
Albuquerque, N.Mex.	241	25	145	0	20	430
Allentown, Pa.	100	48	150	0	0	298
Ann Arbor, Mich.	98	44	5	1	0	148
Atlanta, Ga.	2,087	3,855	162	7	6	6,119
Austin, Tex.	737	393	270	1	5	1,408
Bakersfield, Calif.	189	121	115	2	4	432
Baltimore, Md.	933	4,479	53	5	4	5,475
Baton Rouge, La.	198	434	3	1	0	636
Bergen-Passaic, N.J.	552	737	448	14	1	1,757
Birmingham, Ala.	275	436	4	1	0	716
Boston, Mass.	2,349	1,171	978	26	6	4,547
Buffalo, N.Y.	198	280	77	3	1	570
Charleston, S.C.	215	329	8	1	1	555
Charlotte, N.C.	196	487	14	1	2	705
Chicago, Ill.	2,118	3,493	996	47	13	6,666
Cincinnati, Ohio	415	270	12	3	2	701
Cleveland, Ohio	523	603	130	4	0	1,260
Columbia, S.C.	208	487	5	1	1	702
Columbus, Ohio	402	169	12	2	0	585
Dallas, Tex.	2,756	1,310	524	29	20	4,639
Dayton, Ohio	190	112	3	1	0	305
Denver, Colo.	1,402	261	296	8	12	1,979
Detroit, Mich.	870	1,829	60	3	3	2,765
El Paso, Tex.	72	18	311	1	0	404
Fort Lauderdale, Fla.	1,964	2,144	402	11	3	4,524
Fort Worth, Tex.	782	435	121	7	2	1,347
Fresno, Calif.	168	100	122	5	0	396
Gary, Ind.	130	132	26	1	0	289
Grand Rapids, Mich.	193	50	29	4	1	276
Greensboro, N.C.	141	293	11	2	1	448
Greenville, S.C.	251	254	11	0	0	517
Harrisburg, Pa.	165	107	44	1	1	317
Hartford, Conn.	515	666	697	6	4	1,891
Honolulu, Hawaii	296	37	35	146	2	516
Houston, Tex.	3,264	2,751	1,204	33	5	7,258
Indianapolis, Ind.	760	337	21	1	1	1,120
Jacksonville, Fla.	748	1,045	37	2	2	1,834
Jersey City, N.J.	598	769	714	16	4	2,112
Kansas City, Mo.	1,035	397	68	3	16	1,520
Knoxville, Tenn.	212	56	5	1	1	275
Las Vegas, Nev.	971	341	212	15	14	1,553
Little Rock, Ark.	278	194	4	0	1	480
Los Angeles, Calif.	6,112	2,935	4,492	283	55	13,937
Louisville, Ky.	343	247	12	1	1	604
McAllen, Tex.	15	1	131	0	0	147
Memphis, Tenn.	325	731	10	2	0	1,069
Miami, Fla.	1,564	4,152	2,906	14	2	8,639
Middlesex, N.J.	423	401	231	9	0	1,067
Milwaukee, Wis.	322	334	85	2	4	748
Minneapolis-Saint Paul, Minn.	798	273	56	10	24	1,161
Mobile, Ala.	173	263	5	0	0	441
Monmouth-Ocean, N.J.	457	363	113	3	1	938
Nashville, Tenn.	561	466	10	3	2	1,043
Nassau-Suffolk, N.Y.	1,059	878	295	11	6	2,302
New Haven, Conn.	985	1,336	640	7	3	2,979
New Orleans, La.	1,102	1,223	89	9	0	2,429
New York, N.Y.	8,593	17,265	13,155	306	15	39,625
Newark, N.J.	754	3,878	708	10	3	5,365
Norfolk, Va.	484	958	42	8	3	1,496
Oakland, Calif.	1,223	1,136	259	76	11	2,708
Oklahoma City, Okla.	449	118	34	6	24	635
Omaha, Neb.	184	63	20	1	1	270
Orange County, Calif.	1,385	109	619	53	7	2,176

Estimated number of persons living with AIDS at the end of 1997, by metropolitan area of residence and race/ethnicity, data as of September 1998, United States

Metropolitan area of residence (with 500,000 or more population)	White, not Hispanic	Black, not Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Total*
Orlando, Fla.	1,114	748	441	5	3	2,312
Philadelphia, Pa.	1,864	4,083	854	24	2	6,833
Phoenix, Ariz.	1,191	164	277	15	18	1,670
Pittsburgh, Pa.	430	269	19	3	0	721
Portland, Ore.	1,183	95	78	14	17	1,389
Providence, R.I.	383	170	161	4	8	727
Raleigh-Durham, N.C.	185	499	21	3	0	711
Richmond, Va.	269	639	18	3	1	930
Riverside-San Bernardino, Calif.	1,716	443	579	29	27	2,795
Rochester, N.Y.	385	415	187	2	4	1,003
Sacramento, Calif.	734	214	122	13	6	1,092
Saint Louis, Mo.	916	800	31	3	0	1,750
Salt Lake City, Utah	495	42	62	5	9	613
San Antonio, Tex.	646	206	769	3	3	1,626
San Diego, Calif.	2,410	496	830	91	21	3,848
San Francisco, Calif.	5,651	1,329	1,063	272	40	8,355
San Jose, Calif.	653	135	281	45	3	1,117
San Juan, P.R.	7	2	4,784	0	0	4,797
Sarasota, Fla.	316	132	27	0	0	475
Scranton, Pa.	96	31	20	0	0	149
Seattle, Wash.	1,903	287	187	45	41	2,463
Springfield, Mass.	173	108	284	0	0	564
Stockton, Calif.	114	50	65	9	0	238
Syracuse, N.Y.	237	171	75	1	0	490
Tacoma, Wash.	204	63	31	5	6	310
Tampa-Saint Petersburg, Fla.	1,931	866	312	11	1	3,122
Toledo, Ohio	109	76	6	1	0	192
Tucson, Ariz.	336	44	138	3	15	538
Tulsa, Okla.	291	79	16	0	35	420
Ventura, Calif.	159	13	91	1	0	264
Washington, D.C.	1,978	5,891	408	48	3	8,332
West Palm Beach, Fla.	824	1,765	211	3	1	2,803
Wichita, Kans.	188	32	10	1	5	238
Wilmington, Del.	175	545	35	1	2	759
Youngstown, Ohio	54	39	5	0	0	98
Metropolitan areas with 50,000 to 500,000 population	12,874	9,478	5,110	119	115	27,740
Nonmetropolitan areas	8,093	6,530	2,262	77	163	17,170
Unknown	405	925	204	5	4	1,552
Total	108,220	106,816	52,644	2,102	878	271,327

* Total includes cases with unknown race.

These numbers do not represent actual cases of persons with AIDS, but rather are point estimates adjusted for delays in the reporting of AIDS cases and deaths, but not for incomplete reporting. U.S. totals presented in this report include data from the United States (50 states and the District of Columbia) and from U.S. dependencies, possessions, and independent nations in free association with the United States. Data were reported through September 30, 1998. Persons with unknown state or area of residence were excluded. The sum of the demographic categories may not equal the total estimates due to rounding.

Technical Notes

AIDS cases are reported to CDC by all 50 states, the District of Columbia, U.S. dependencies and possessions, and independent nations in free association with the United States¹ by the use of a uniform case definition and case surveillance report form. Cases in this supplemental report were reported according to the 1993 expanded surveillance case definition (MMWR 1992;41 [RR-17]:1-19). A case may be reported upon the initial diagnosis of AIDS (or HIV in states with HIV case surveillance) and later updated when the disease or the vital status changes. Some cases may be first reported at death, either from surveillance activities at a hospital or other places where death may occur or from a review of death certificates or a death registry.

Data in this report include persons diagnosed with AIDS through the end of 1997 and reported to CDC through September 30, 1998. Estimates of persons living with AIDS were derived by subtracting the estimated cumulative number of deaths of persons with AIDS from the estimated cumulative number of persons with AIDS. Estimated AIDS cases and deaths have been adjusted for reporting delays, but not for incom-

plete reporting.² Annual estimates are given for the most recent year for which reliable estimates are available.

Data are reported and presented by state of residence at diagnosis of the first AIDS-indicator condition and by metropolitan area of residence for metropolitan areas of 500,000 or more population. Age-group data are based on a case's age as of December 1997. Totals include cases reported without sex, age at diagnosis, or race/ethnicity data. Cases reported with an unknown state of residence or an unknown metropolitan area were excluded from the tables.

¹Included among the dependencies, possessions, and independent nations are Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, the Republic of Palau, the Republic of the Marshall Islands, and the Federated States of Micronesia.

²Karon JM, Devine OJ, Morgan WM. Predicting AIDS incidence by extrapolating recent trends. In: Castillo-Chavez C, ed. *Mathematical and Statistical Approaches to AIDS Epidemiology (Lecture Notes in Biomathematics)*. Berlin: Springer-Verlag; 1989:58-88.