

HIV/AIDS

Surveillance Supplemental Report

==== Volume 14, Number 2 ====

Cases of HIV Infection and AIDS in the United States and Dependent Areas, by Race/Ethnicity, 2003–2007



DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
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Atlanta, Georgia 30333



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This report complements the information in the 2007 *HIV/AIDS Surveillance Report* and updates the information in the supplementary report on race/ethnicity data from 2002 through 2006 (*HIV/AIDS Surveillance Supplemental Report 2008*;13[No. 1]). In this report, we present estimated numbers of cases of HIV infection, including cases of HIV infection that progressed to AIDS. These data are stratified by the following races and ethnic groups: American Indian or Alaska Native, Asian, black or African American, Hispanic or Latino, Native Hawaiian or other Pacific Islander, and white (data for Native Hawaiians/other Pacific Islanders must be interpreted with caution because of the small numbers of cases). See Technical Notes for an explanation of race and ethnicity categorization.

Georgia implemented confidential name-based HIV infection case surveillance in December 2003, and this issue of the *HIV/AIDS Surveillance Supplement* is the first time in which HIV case reports from Georgia have been included in the tabulation and presentation of estimates of HIV/AIDS data in a supplemental report.

Surveillance data on HIV infections, compared with data on AIDS, provide a more complete picture of the epidemic and the need for prevention and care services. However, the number of new HIV diagnoses during a given year does not necessarily reflect HIV incidence (i.e., new infections) because some persons were infected recently and others were infected at some time in the past. CDC has developed the serologic testing algorithm for recent HIV seroconversion (STARHS), which can distinguish recent from long-standing HIV infections at a population level. This algorithm has made it possible to develop a surveillance system that provides more accurate and timely estimates of HIV incidence. The monitoring of HIV incidence is critical in evaluating progress toward CDC's goal of reducing the number of new HIV infections in the United States and in allocating resources and evaluating prevention program effectiveness.

In this report, *HIV/AIDS* is used to refer to 3 categories of diagnoses collectively: (1) a diagnosis of HIV infection (not AIDS), (2) a diagnosis of HIV infection with a later diagnosis of AIDS, and (3) con-

current diagnoses of HIV infection and AIDS. For analyses of HIV/AIDS data, we used data from the 39 areas (34 states and 5 U.S. dependent areas) that have had confidential name-based HIV infection reporting long enough (i.e., since at least 2003) for data collection to stabilize and for adjustment of the data in order to monitor trends. This report summarizes the diagnoses and the prevalence of HIV/AIDS by race/ethnicity. For analysis of diagnoses of AIDS, we used data from the 50 states, the District of Columbia, and 5 U.S. dependent areas.

For many trends, this report shows that from 2004–2006, HIV diagnoses declined or remained relatively stable, yet increased in 2007 in the 34 states that have long-term, name based HIV reporting. There are four main reasons that could explain the increase in diagnoses:

1. The increase in new diagnoses may be due to changes in state reporting regulations among several states, requiring laboratory reporting of all viral loads and CD4s. This may have led to more complete reporting of new diagnoses as well as identification of prevalent cases of HIV that were previously unreported.
2. There may be more people getting tested for HIV, which could result in more new diagnoses. CDC has emphasized HIV testing since the release of its 2006 testing guidelines and has a number of efforts to increase testing, e.g., increasing testing efforts among African Americans and working to implement routine HIV testing in healthcare settings.
3. The increase in new diagnoses may be linked to instability in the data. The increase appeared mostly in the last year of reporting (2007), and due to some uncertainty inherent in statistical estimates, the estimated data for the most recent year are always the least stable.
4. There may actually be an increase in new HIV infections.

We cannot determine what proportion of the increase is due to each of these factors. The addition of Georgia to the tables for estimated HIV/AIDS did contribute to the increase seen from 2004 to 2007; however, the addition of Georgia alone did not result in the

increase. Estimates of annual diagnoses in Georgia increased 10% from 2004 to 2007; however, numerous other states, including a few with higher HIV morbidity (e.g., Florida, New York) showed increases in annual estimates. Once we have at least three years of data from the HIV incidence surveillance system (STARHS), CDC will be better able to tell if this increase in diagnoses is due to an increase in incidence or is due to the other factors outlined above.

REPORT HIGHLIGHTS

- From 2004 through 2007, the numbers of HIV/AIDS cases in the 39 areas with confidential name-based HIV infection reporting increased among all races and ethnicities. Blacks/African Americans accounted for 49% of all new diagnoses of HIV/AIDS in 2007 (Table 1).
- From 2004 through 2007, the numbers of HIV/AIDS cases in males increased among all races and ethnicities. The numbers of cases in females decreased among Native Hawaiians and other Pacific Islanders, and increased among all other races and ethnicities (Table 2).
- The percentage of HIV infections in adults and adolescents (≥ 13 years of age) diagnosed in 2006 that progressed to AIDS within 12 months after HIV infection ranged from 34% among whites to 40% among Hispanics/Latinos (Table 3).
- From 2003 through 2007, the numbers of AIDS cases in adults and adolescents (≥ 13 years of age) decreased among blacks/African Americans, American Indians/Alaska Natives, Hispanics/Latinos, and whites, and increased among Asians and Native Hawaiians/other Pacific Islanders. The numbers of AIDS cases in children (< 13 years of age) decreased among blacks/African Americans, Hispanics/Latinos, and whites (Table 4).
- The distribution of risk factors for HIV infection differs by race/ethnicity. From 2003 through 2007, of white men diagnosed with AIDS, 76% had been exposed through male-to-male sexual contact, and 10% had been exposed through injection drug use (IDU). These percentages were similar among Asian men. Of black/African American men diagnosed with AIDS, 43% had been exposed through male-to-male sexual contact and 33% through IDU. Of Hispanic/Latino men diagnosed with AIDS, 49% had been exposed through male-to-male sexual contact and 33% through IDU. Of American Indian/Alaska Native men diagnosed with AIDS, 59% had been exposed through male-to-male sexual contact, 16% through IDU, and an additional 19% were attributed to both male-to-male sexual contact and IDU. Of Native Hawaiian/other Pacific Islander men diagnosed with AIDS, 82% had been exposed through male-to-male sexual contact and 5% through IDU (Table 4).
- In 2007, the largest percentage of AIDS cases in men were among black/African American men (40%), followed by white men (31%) and Hispanic/Latino men (21%). Of females with AIDS, 64% were among black/African American women, and nearly equal percentages were among Hispanic/Latino women (18%) or white women (17%). In comparison with AIDS cases among other races/ethnicities diagnosed in 2007, relatively few AIDS cases were diagnosed among Asians, American Indians/Alaska Natives, and Native Hawaiians/other Pacific Islanders (Table 5).
- In 2007, the rates of AIDS cases in the 50 states and the District of Columbia ranged from a high of 59.2 per 100,000 among black/African American adults and adolescents to a low of 4.3 per 100,000 among Asian adults and adolescents (Table 7).
- In 2007, the rates of HIV/AIDS cases in the 34 states with confidential name-based HIV infection reporting ranged from a high of 96.2 per 100,000 among black/African American adults and adolescents to a low of 9.3 per 100,000 among Asian adults and adolescents (Table 8).
- At the end of 2007, an estimated 571,378 persons were living with HIV/AIDS in the 39 areas with confidential name-based HIV infection reporting since 2003: 47% were black/African American, 32% white, 20% Hispanic/Latino, 1% Asian, and $< 1\%$ each were American Indian/Alaska Native and Native Hawaiian/other Pacific Islander (Table 9).
- At the end of 2007, an estimated 468,578 persons in the United States and dependent areas were living with AIDS: 43% were black/African American, 34% white, 21% Hispanic/Latino, 1% Asian, and $< 1\%$ each were American Indian/Alaska Native and Native Hawaiian/other Pacific Islander (Table 10).

Table 1. Estimated numbers of cases of HIV/AIDS, by race/ethnicity and transmission category, 2004–2007—39 areas with confidential name-based HIV infection reporting

Transmission category	Year of diagnosis			
	2004	2005	2006	2007
American Indian/Alaska Native				
Male adult or adolescent				
Male-to-male sexual contact	83	84	89	122
Injection drug use	17	20	15	13
Male-to-male sexual contact and injection drug use	11	13	10	16
High-risk heterosexual contact ^a	19	8	13	9
Other ^b	0	1	0	0
Subtotal	131	126	127	160
Female adult or adolescent				
Injection drug use	11	10	14	16
High-risk heterosexual contact ^a	34	42	19	50
Other ^b	0	2	1	2
Subtotal	45	55	34	68
Total adults and adolescents	177	180	161	228
Child (<13 yrs)				
Perinatal	0	0	2	0
Other ^c	1	0	0	0
Subtotal	1	0	2	0
Total	178	180	163	228
Asian^d				
Male adult or adolescent				
Male-to-male sexual contact	169	202	216	294
Injection drug use	12	11	15	14
Male-to-male sexual contact and injection drug use	9	4	8	3
High-risk heterosexual contact ^a	34	31	30	47
Other ^b	2	1	2	5
Subtotal	225	249	271	363
Female adult or adolescent				
Injection drug use	7	9	5	5
High-risk heterosexual contact ^a	68	61	54	79
Other ^b	6	5	2	4
Subtotal	81	76	61	88
Total adults and adolescents	305	324	332	451
Child (<13 yrs)				
Perinatal	2	5	1	3
Other ^c	0	0	1	1
Subtotal	2	5	2	4
Total	308	330	334	455

Table 1. Estimated numbers of cases of HIV/AIDS, by race/ethnicity and transmission category, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Transmission category	Year of diagnosis			
	2004	2005	2006	2007
Black/African American				
Male adult or adolescent				
Male-to-male sexual contact	6,674	6,830	7,313	8,719
Injection drug use	1,881	1,671	1,667	1,799
Male-to-male sexual contact and injection drug use	559	504	456	450
High-risk heterosexual contact ^a	3,041	2,795	2,819	3,259
Other ^b	71	52	68	42
Subtotal	12,226	11,853	12,323	14,268
Female adult or adolescent				
Injection drug use	1,226	1,073	1,003	1,020
High-risk heterosexual contact ^a	5,657	5,399	5,511	6,131
Other ^b	68	47	41	55
Subtotal	6,951	6,519	6,555	7,207
Total adults and adolescents	19,177	18,372	18,878	21,475
Child (<13 yrs)				
Perinatal	124	111	95	92
Other ^c	26	16	25	15
Subtotal	150	127	120	107
Total	19,326	18,499	18,998	21,582
Hispanic/Latino^e				
Male adult or adolescent				
Male-to-male sexual contact	3,495	3,698	3,824	4,503
Injection drug use	1,020	1,131	1,028	1,113
Male-to-male sexual contact and injection drug use	255	268	250	243
High-risk heterosexual contact ^a	854	856	915	974
Other ^b	21	20	19	17
Subtotal	5,646	5,972	6,036	6,849
Female adult or adolescent				
Injection drug use	374	325	327	297
High-risk heterosexual contact ^a	1,322	1,407	1,492	1,687
Other ^b	5	14	15	8
Subtotal	1,701	1,746	1,835	1,992
Total adults and adolescents	7,347	7,718	7,871	8,842
Child (<13 yrs)				
Perinatal	39	25	24	27
Other ^c	7	9	6	7
Subtotal	46	34	30	34
Total	7,393	7,752	7,901	8,876

Table 1. Estimated numbers of cases of HIV/AIDS, by race/ethnicity and transmission category, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Transmission category	Year of diagnosis			
	2004	2005	2006	2007
Native Hawaiian/Other Pacific Islander				
Male adult or adolescent				
Male-to-male sexual contact	27	25	33	38
Injection drug use	1	1	2	2
Male-to-male sexual contact and injection drug use	2	1	0	0
High-risk heterosexual contact ^a	0	7	3	2
Other ^b	0	1	2	0
Subtotal	30	35	40	42
Female adult or adolescent				
Injection drug use	1	2	2	0
High-risk heterosexual contact ^a	8	7	9	4
Other ^b	1	0	0	2
Subtotal	11	9	11	6
Total adults and adolescents	40	44	51	47
Child (<13 yrs)				
Perinatal	0	0	0	0
Other ^c	0	0	0	0
Subtotal	0	0	0	0
Total	40	44	51	47
White				
Male adult or adolescent				
Male-to-male sexual contact	7,527	7,580	7,568	8,917
Injection drug use	583	550	562	548
Male-to-male sexual contact and injection drug use	604	547	501	576
High-risk heterosexual contact ^a	395	421	468	487
Other ^b	46	46	38	38
Subtotal	9,156	9,145	9,137	10,566
Female adult or adolescent				
Injection drug use	522	477	452	522
High-risk heterosexual contact ^a	1,118	1,155	1,188	1,426
Other ^b	24	22	20	23
Subtotal	1,664	1,653	1,660	1,971
Total adults and adolescents	10,820	10,798	10,797	12,537
Child (<13 yrs)				
Perinatal	17	17	13	19
Other ^c	4	4	5	2
Subtotal	21	22	19	21
Total	10,840	10,820	10,815	12,558
Total cases^f	38,398	38,032	38,531	44,084

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays and missing risk-factor information, but not for incomplete reporting.

Data include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later diagnosis of AIDS, or concurrent diagnoses of HIV infection and AIDS.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.

^c Includes hemophilia, blood transfusion, and risk factor not reported or not identified.

^d Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^e Hispanics/Latinos can be of any race.

^f Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 2. Estimated numbers of cases of HIV/AIDS, by race/ethnicity, sex, and age group, 2004–2007—39 areas with confidential name-based HIV infection reporting

Age at diagnosis (yrs)	Year of diagnosis			
	2004	2005	2006	2007
	American Indian/Alaska Native			
Male				
<13	1	0	0	0
13–14	0	0	0	0
15–19	3	2	3	5
20–24	13	14	18	22
25–29	19	12	23	25
30–34	19	22	14	20
35–39	26	22	21	29
40–44	22	25	13	21
45–49	15	11	18	19
50–54	4	11	10	10
55–59	6	2	6	3
60–64	4	2	0	2
≥65	0	3	0	3
Subtotal	132	126	127	160
Female				
<13	0	0	2	0
13–14	0	0	0	0
15–19	1	2	1	5
20–24	1	8	6	12
25–29	8	9	7	3
30–34	8	11	2	11
35–39	11	7	4	14
40–44	5	7	6	5
45–49	7	4	2	5
50–54	1	3	1	8
55–59	1	2	5	4
60–64	2	1	0	0
≥65	0	0	0	1
Subtotal	45	55	36	68
Total	178	180	163	228

Table 2. Estimated numbers of cases of HIV/AIDS, by race/ethnicity, sex, and age group, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Age at diagnosis (yrs)	Year of diagnosis			
	2004	2005	2006	2007
	Asian ^a			
Male				
<13	2	2	1	1
13–14	0	0	1	0
15–19	2	9	3	5
20–24	16	13	27	33
25–29	42	36	35	57
30–34	41	67	56	73
35–39	53	41	61	78
40–44	27	40	43	55
45–49	25	21	18	27
50–54	9	13	14	19
55–59	5	5	6	10
60–64	2	1	1	3
≥65	3	2	4	3
Subtotal	227	251	272	364
Female				
<13	0	3	1	3
13–14	0	1	1	0
15–19	1	0	1	1
20–24	6	7	7	3
25–29	16	15	9	14
30–34	24	16	14	18
35–39	7	9	8	9
40–44	10	10	4	13
45–49	6	9	4	11
50–54	4	2	3	6
55–59	2	4	4	7
60–64	2	0	2	1
≥65	2	2	2	4
Subtotal	81	79	62	91
Total	308	330	334	455

Table 2. Estimated numbers of cases of HIV/AIDS, by race/ethnicity, sex, and age group, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Age at diagnosis (yrs)	Year of diagnosis			
	2004	2005	2006	2007
Black/African American				
Male				
<13	72	50	53	56
13–14	10	7	11	9
15–19	468	544	701	869
20–24	1,449	1,601	1,786	2,222
25–29	1,414	1,436	1,581	2,002
30–34	1,556	1,431	1,371	1,432
35–39	1,918	1,720	1,660	1,699
40–44	1,931	1,777	1,771	1,985
45–49	1,493	1,406	1,470	1,651
50–54	990	937	974	1,182
55–59	489	527	527	643
60–64	265	247	249	304
≥65	244	218	222	270
Subtotal	12,299	11,903	12,377	14,324
Female				
<13	76	76	66	51
13–14	16	23	22	14
15–19	295	288	304	365
20–24	764	750	699	749
25–29	881	808	833	915
30–34	1,060	921	872	914
35–39	1,057	998	933	1,042
40–44	1,067	973	948	1,024
45–49	790	761	823	908
50–54	464	474	560	611
55–59	277	279	301	354
60–64	148	119	144	166
≥65	133	126	116	144
Subtotal	7,028	6,596	6,621	7,258
Total	19,326	18,499	18,998	21,582

Table 2. Estimated numbers of cases of HIV/AIDS, by race/ethnicity, sex, and age group, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Age at diagnosis (yrs)	Year of diagnosis			
	2004	2005	2006	2007
	Hispanic/Latino ^b			
Male				
<13	24	15	17	21
13–14	7	5	1	3
15–19	107	133	136	175
20–24	550	550	574	812
25–29	842	917	982	1,135
30–34	945	991	961	1,102
35–39	1,117	1,053	1,138	1,051
40–44	816	904	915	965
45–49	514	595	563	651
50–54	323	362	361	454
55–59	188	231	180	240
60–64	117	115	88	131
≥65	120	117	136	131
Subtotal	5,670	5,986	6,053	6,871
Female				
<13	22	18	13	13
13–14	6	2	7	5
15–19	57	70	87	84
20–24	190	179	194	184
25–29	216	218	275	257
30–34	251	257	244	249
35–39	275	253	240	318
40–44	241	261	272	273
45–49	201	204	209	246
50–54	121	134	159	182
55–59	78	88	62	94
60–64	32	32	52	49
≥65	32	48	34	53
Subtotal	1,724	1,765	1,849	2,005
Total^b	7,393	7,752	7,901	8,876

Table 2. Estimated numbers of cases of HIV/AIDS, by race/ethnicity, sex, and age group, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Age at diagnosis (yrs)	Year of diagnosis			
	2004	2005	2006	2007
	Native Hawaiian/Other Pacific Islander			
Male				
<13	0	0	0	0
13–14	0	0	0	0
15–19	0	1	0	0
20–24	4	4	10	3
25–29	4	3	7	8
30–34	4	10	5	9
35–39	4	5	2	9
40–44	10	2	7	2
45–49	3	7	4	4
50–54	0	1	1	2
55–59	0	1	1	0
60–64	0	1	2	3
≥65	0	0	0	0
Subtotal	30	35	40	42
Female				
<13	0	0	0	0
13–14	0	0	0	0
15–19	0	0	0	0
20–24	0	0	0	0
25–29	0	2	2	1
30–34	2	1	2	0
35–39	1	4	4	0
40–44	2	0	0	2
45–49	0	0	1	0
50–54	3	0	0	1
55–59	2	0	1	0
60–64	0	0	1	2
≥65	0	1	0	0
Subtotal	11	9	11	6
Total	40	44	51	47

Table 2. Estimated numbers of cases of HIV/AIDS, by race/ethnicity, sex, and age group, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Age at diagnosis (yrs)	Year of diagnosis			
	2004	2005	2006	2007
	White			
Male				
<13	12	14	9	7
13–14	1	1	1	1
15–19	93	92	126	153
20–24	595	635	705	764
25–29	997	978	1,052	1,240
30–34	1,356	1,223	1,123	1,172
35–39	1,764	1,707	1,548	1,723
40–44	1,761	1,795	1,891	2,051
45–49	1,145	1,249	1,163	1,518
50–54	680	709	760	963
55–59	403	392	402	510
60–64	200	211	208	278
≥65	161	154	158	193
Subtotal	9,168	9,159	9,146	10,573
Female				
<13	8	7	9	15
13–14	2	1	4	7
15–19	69	86	65	72
20–24	169	169	201	198
25–29	197	214	205	250
30–34	227	206	180	224
35–39	273	244	242	263
40–44	265	252	268	309
45–49	195	195	240	280
50–54	127	141	135	168
55–59	76	79	78	131
60–64	26	36	24	38
≥65	37	30	18	32
Subtotal	1,672	1,660	1,669	1,986
Total	10,840	10,820	10,815	12,558
Total cases^c	38,398	38,032	38,531	44,084

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

Data include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later diagnosis of AIDS, or concurrent diagnoses of HIV infection and AIDS.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

^a Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^b Hispanics/Latinos can be of any race.

^c Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 3. Time to an AIDS diagnosis after a diagnosis of HIV infection among adults and adolescents, by race/ethnicity and sex, 2006—39 areas with confidential name-based HIV infection reporting

	AIDS diagnoses				Total No.
	<12 months after diagnosis of HIV infection ^a		≥12 months after diagnosis of HIV infection ^b		
	No.	%	No.	%	
American Indian/Alaska Native					
Male	51	41	74	59	126
Female	11	32	23	68	34
Total	62	39	97	61	159
Asian^c					
Male	101	37	170	63	271
Female	27	44	34	56	61
Total	128	38	204	62	332
Black/African American					
Male	4,466	36	7,842	64	12,309
Female	2,183	33	4,370	67	6,552
Total	6,649	35	12,212	65	18,861
Hispanic/Latino^d					
Male	2,453	41	3,575	59	6,028
Female	668	36	1,164	64	1,833
Total	3,121	40	4,739	60	7,861
Native Hawaiian/Other Pacific Islander					
Male	14	36	25	64	40
Female	4	35	7	65	11
Total	18	36	33	64	51
White					
Male	3,205	35	5,927	65	9,133
Female	497	30	1,161	70	1,658
Total	3,702	34	7,089	66	10,791
Total cases^e	13,801	36	24,519	64	38,320

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

Data exclude 35 persons whose month of diagnosis of HIV infection is unknown.

^a Includes persons whose diagnoses of HIV infection and AIDS were made at the same time.

^b Includes persons in whom AIDS has not developed.

^c Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^d Hispanics/Latinos can be of any race.

^e Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 4. Estimated numbers of AIDS cases, by race/ethnicity and transmission category, 2003–2007 and cumulative—United States and dependent areas

Transmission category	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
American Indian/Alaska Native						
Male adult or adolescent						
Male-to-male sexual contact	81	66	77	62	72	1,603
Injection drug use	22	21	18	21	16	443
Male-to-male sexual contact and injection drug use	22	24	21	18	17	511
High-risk heterosexual contact ^b	11	13	11	12	7	140
Other ^c	2	0	0	1	0	37
Subtotal	138	124	128	114	112	2,734
Female adult or adolescent						
Injection drug use	20	24	17	16	11	336
High-risk heterosexual contact ^b	23	34	18	18	33	367
Other ^c	1	1	1	1	2	27
Subtotal	44	59	37	36	46	730
Total adults and adolescents	181	183	165	149	158	3,463
Child (<13 yrs)						
Perinatal	0	0	0	0	0	30
Other ^d	1	1	0	0	0	3
Subtotal	1	1	0	0	0	33
Total	182	184	165	149	158	3,496
Asian^e						
Male adult or adolescent						
Male-to-male sexual contact	245	235	221	264	289	5,029
Injection drug use	27	21	23	24	30	429
Male-to-male sexual contact and injection drug use	10	17	18	16	12	305
High-risk heterosexual contact ^b	37	40	37	40	49	494
Other ^c	7	5	3	7	3	219
Subtotal	325	319	303	351	383	6,475
Female adult or adolescent						
Injection drug use	8	9	8	6	6	131
High-risk heterosexual contact ^b	58	55	62	61	81	763
Other ^c	7	8	6	6	6	166
Subtotal	72	73	76	73	93	1,061
Total adults and adolescents	398	391	379	424	477	7,536
Child (<13 yrs)						
Perinatal	0	0	1	0	0	29
Other ^d	0	0	0	1	0	18
Subtotal	0	0	1	1	0	47
Total	398	391	380	425	477	7,583

Table 4. Estimated numbers of AIDS cases, by race/ethnicity and transmission category, 2003–2007 and cumulative—United States and dependent areas (cont)

Transmission category	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
Black/African American						
Male adult or adolescent						
Male-to-male sexual contact	5,810	5,694	5,505	5,489	5,886	127,663
Injection drug use	2,954	2,619	2,348	2,190	2,030	98,732
Male-to-male sexual contact and injection drug use	851	781	766	664	596	25,954
High-risk heterosexual contact ^b	2,851	2,945	2,711	2,734	2,746	42,991
Other ^c	100	95	104	92	86	2,639
Subtotal	12,566	12,134	11,434	11,169	11,344	297,980
Female adult or adolescent						
Injection drug use	1,876	1,754	1,573	1,384	1,297	48,828
High-risk heterosexual contact ^b	5,042	4,790	4,647	4,714	4,856	72,054
Other ^c	119	125	103	111	123	2,604
Subtotal	7,037	6,670	6,323	6,210	6,277	123,486
Total adults and adolescents	19,602	18,803	17,757	17,379	17,621	421,466
Child (<13 yrs)						
Perinatal	43	33	36	25	18	5,489
Other ^d	6	2	4	5	3	233
Subtotal	49	35	40	30	21	5,722
Total	19,651	18,838	17,797	17,409	17,642	427,188
Hispanic/Latino^f						
Male adult or adolescent						
Male-to-male sexual contact	3,520	3,451	3,451	3,526	3,679	78,568
Injection drug use	1,444	1,294	1,320	1,164	1,155	52,784
Male-to-male sexual contact and injection drug use	409	358	332	342	355	12,449
High-risk heterosexual contact ^b	946	890	851	853	823	13,863
Other ^c	43	43	53	49	33	1,517
Subtotal	6,363	6,036	6,005	5,935	6,045	159,182
Female adult or adolescent						
Injection drug use	535	486	456	428	420	15,296
High-risk heterosexual contact ^b	1,330	1,167	1,268	1,307	1,230	23,061
Other ^c	37	25	36	48	57	1,026
Subtotal	1,901	1,677	1,760	1,783	1,707	39,383
Total adults and adolescents	8,264	7,713	7,766	7,717	7,752	198,565
Child (<13 yrs)						
Perinatal	12	10	7	6	2	2,006
Other ^d	0	0	1	0	0	162
Subtotal	12	10	9	6	2	2,168
Total	8,276	7,724	7,774	7,723	7,755	200,733

Table 4. Estimated numbers of AIDS cases, by race/ethnicity and transmission category, 2003–2007 and cumulative—United States and dependent areas (cont)

Transmission category	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
Native Hawaiian/Other Pacific Islander						
Male adult or adolescent						
Male-to-male sexual contact	34	30	38	40	54	495
Injection drug use	0	1	0	2	4	30
Male-to-male sexual contact and injection drug use	4	5	1	0	6	35
High-risk heterosexual contact ^b	4	5	9	4	1	32
Other ^c	0	0	0	1	2	11
Subtotal	43	41	48	46	66	603
Female adult or adolescent						
Injection drug use	3	1	3	4	2	26
High-risk heterosexual contact ^b	6	10	10	11	11	86
Other ^c	0	1	0	0	2	12
Subtotal	9	11	12	15	15	124
Total adults and adolescents	52	52	61	61	80	727
Child (<13 yrs)						
Perinatal	0	1	0	0	0	7
Other ^d	0	0	0	0	0	0
Subtotal	0	1	0	0	0	7
Total	52	53	61	61	80	734
White						
Male adult or adolescent						
Male-to-male sexual contact	7,134	7,229	6,941	6,947	6,852	277,407
Injection drug use	969	821	818	780	770	34,885
Male-to-male sexual contact and injection drug use	859	799	843	732	702	33,934
High-risk heterosexual contact ^b	459	460	424	514	502	9,428
Other ^c	68	83	74	64	58	7,806
Subtotal	9,489	9,392	9,100	9,037	8,884	363,461
Female adult or adolescent						
Injection drug use	601	659	589	553	564	17,710
High-risk heterosexual contact ^b	940	1,001	901	991	1,017	19,816
Other ^c	41	35	32	27	29	2,418
Subtotal	1,583	1,695	1,522	1,571	1,610	39,943
Total adults and adolescents	11,072	11,088	10,622	10,608	10,494	403,404
Child (<13 yrs)						
Perinatal	11	8	4	3	4	1,223
Other ^d	1	0	0	0	1	379
Subtotal	12	8	4	3	5	1,603
Total	11,084	11,096	10,626	10,611	10,499	405,007
Total cases^g	40,054	38,695	37,256	36,791	37,041	1,051,875

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays and for missing risk-factor information, but not for incomplete reporting.

^a From the beginning of the epidemic through 2007.

^b Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^c Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.

^d Includes hemophilia, blood transfusion, and risk factor not reported or not identified.

^e Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^f Hispanics/Latinos can be of any race.

^g Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 5. Estimated numbers of AIDS cases, by race/ethnicity, sex, and age group, 2003–2007 and cumulative—United States and dependent areas

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
American Indian/Alaska Native						
Male						
<13	0	1	0	0	0	18
13–14	0	0	0	0	0	1
15–19	1	1	0	0	0	21
20–24	4	3	3	7	4	118
25–29	10	14	8	12	10	396
30–34	28	18	20	14	14	635
35–39	20	28	27	27	28	618
40–44	34	20	30	23	16	449
45–49	22	21	20	14	22	254
50–54	9	11	10	9	8	120
55–59	3	4	5	4	5	65
60–64	4	3	1	1	2	32
≥65	1	0	4	2	3	25
Subtotal	138	125	128	114	112	2,752
Female						
<13	1	0	0	0	0	15
13–14	0	0	0	0	0	2
15–19	0	0	0	0	1	4
20–24	4	4	3	2	3	54
25–29	4	5	1	6	3	94
30–34	7	10	5	5	9	140
35–39	9	10	10	7	10	143
40–44	8	10	7	4	7	112
45–49	6	10	7	3	5	89
50–54	2	5	2	0	5	46
55–59	1	3	0	6	2	29
60–64	1	1	1	1	0	10
≥65	1	0	0	0	1	7
Subtotal	45	59	37	36	46	745
Total	182	184	165	149	158	3,496

Table 5. Estimated numbers of AIDS cases, by race/ethnicity, sex, and age group, 2003–2007 and cumulative—United States and dependent areas (cont)

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
	Asian ^b					
Male						
<13	0	0	0	1	0	28
13–14	0	0	0	0	0	5
15–19	1	1	1	1	1	24
20–24	13	9	11	16	11	211
25–29	27	28	31	32	40	736
30–34	67	61	62	63	72	1,338
35–39	78	81	67	93	94	1,481
40–44	43	53	54	62	62	1,139
45–49	48	31	36	32	42	717
50–54	26	30	17	24	31	392
55–59	13	10	14	17	18	234
60–64	3	10	6	1	7	102
≥65	6	4	5	10	5	96
Subtotal	325	319	303	352	383	6,503
Female						
<13	0	0	1	0	0	19
13–14	0	0	0	1	0	3
15–19	1	0	0	2	1	9
20–24	4	1	3	3	6	55
25–29	11	7	11	5	10	144
30–34	11	15	16	16	19	194
35–39	12	13	8	12	13	177
40–44	9	13	12	8	9	157
45–49	8	8	11	12	16	131
50–54	7	4	6	4	7	62
55–59	3	4	8	5	7	59
60–64	3	5	0	1	1	38
≥65	2	1	1	2	3	31
Subtotal	72	73	77	73	93	1,080
Total	398	391	380	425	477	7,583

Table 5. Estimated numbers of AIDS cases, by race/ethnicity, sex, and age group, 2003–2007 and cumulative—United States and dependent areas (cont)

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
Black/African American						
Male						
<13	18	19	17	12	6	2,848
13–14	19	31	20	19	23	295
15–19	100	129	176	199	204	1,900
20–24	583	613	627	629	798	11,451
25–29	857	970	964	1,036	1,101	32,249
30–34	1,569	1,494	1,299	1,120	1,123	53,904
35–39	2,558	2,104	1,870	1,726	1,668	63,645
40–44	2,426	2,379	2,145	2,154	2,011	55,132
45–49	2,015	1,882	1,871	1,764	1,874	36,688
50–54	1,219	1,245	1,234	1,252	1,240	20,766
55–59	636	678	672	694	706	11,142
60–64	327	319	311	303	344	5,886
≥65	259	291	245	274	252	4,923
Subtotal	12,584	12,152	11,451	11,182	11,351	300,828
Female						
<13	31	16	23	18	15	2,874
13–14	28	20	26	33	31	331
15–19	105	107	118	79	112	1,801
20–24	361	340	325	292	310	7,059
25–29	736	682	637	629	594	16,119
30–34	1,082	1,030	900	865	813	24,067
35–39	1,410	1,195	1,058	1,014	1,002	25,666
40–44	1,302	1,263	1,199	1,119	1,128	20,841
45–49	957	954	949	954	960	12,958
50–54	522	524	565	599	624	6,964
55–59	254	287	298	322	389	3,728
60–64	133	141	131	164	166	2,039
≥65	148	127	118	137	147	1,913
Subtotal	7,067	6,686	6,346	6,227	6,291	126,360
Total	19,651	18,838	17,797	17,409	17,642	427,188

Table 5. Estimated numbers of AIDS cases, by race/ethnicity, sex, and age group, 2003–2007 and cumulative—United States and dependent areas (cont)

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
	Hispanic/Latino^c					
Male						
<13	7	5	2	2	2	1,103
13–14	6	10	11	8	5	163
15–19	52	31	51	40	49	778
20–24	283	304	348	300	414	6,642
25–29	662	647	682	743	808	21,684
30–34	1,123	969	984	872	915	34,695
35–39	1,337	1,273	1,129	1,148	1,061	34,882
40–44	1,121	1,133	1,090	1,089	1,067	26,127
45–49	794	698	757	755	768	15,725
50–54	470	472	464	464	472	8,809
55–59	241	232	241	241	232	4,757
60–64	123	132	130	129	123	2,587
≥65	150	136	117	146	130	2,332
Subtotal	6,370	6,041	6,007	5,937	6,048	160,285
Female						
<13	5	5	7	3	0	1,064
13–14	9	10	8	9	13	138
15–19	21	17	30	40	44	449
20–24	95	84	96	98	89	2,264
25–29	185	156	160	162	142	5,502
30–34	295	240	237	220	239	8,134
35–39	412	294	313	267	281	8,072
40–44	345	319	324	335	307	6,108
45–49	233	266	258	260	234	3,815
50–54	141	141	151	186	160	2,222
55–59	82	76	109	92	105	1,344
60–64	49	38	26	56	50	697
≥65	34	37	47	58	43	637
Subtotal	1,906	1,682	1,767	1,786	1,707	40,447
Total^c	8,276	7,724	7,774	7,723	7,755	200,733

Table 5. Estimated numbers of AIDS cases, by race/ethnicity, sex, and age group, 2003–2007 and cumulative—United States and dependent areas (cont)

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
Native Hawaiian/Other Pacific Islander						
Male						
<13	0	1	0	0	0	4
13–14	0	0	0	0	0	0
15–19	0	0	0	0	2	9
20–24	1	6	6	3	1	28
25–29	6	2	8	4	11	84
30–34	3	4	11	5	12	122
35–39	12	7	8	12	11	132
40–44	5	11	5	10	8	84
45–49	9	5	3	6	10	67
50–54	1	3	3	3	3	40
55–59	3	1	1	1	3	18
60–64	1	1	1	1	4	10
≥65	1	0	1	0	1	10
Subtotal	43	42	48	46	66	607
Female						
<13	0	0	0	0	0	3
13–14	0	0	0	0	0	0
15–19	1	0	0	0	0	3
20–24	1	0	0	0	0	8
25–29	0	0	2	4	2	20
30–34	1	3	2	0	0	22
35–39	2	2	5	4	5	33
40–44	3	2	0	4	2	19
45–49	1	0	2	1	2	7
50–54	0	2	1	1	0	4
55–59	0	2	0	0	1	4
60–64	0	0	0	0	2	2
≥65	0	0	0	0	1	1
Subtotal	9	11	12	15	15	127
Total	52	53	61	61	80	734

Table 5. Estimated numbers of AIDS cases, by race/ethnicity, sex, and age group, 2003–2007 and cumulative—United States and dependent areas (cont)

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2007 ^a
	2003	2004	2005	2006	2007	
White						
Male						
<13	6	4	1	0	5	879
13–14	4	5	3	2	0	210
15–19	14	31	22	26	33	896
20–24	179	202	203	204	250	9,127
25–29	487	557	488	543	577	41,071
30–34	1,248	1,157	1,002	905	859	76,012
35–39	2,091	1,870	1,748	1,713	1,546	82,160
40–44	2,217	2,240	2,213	2,115	2,024	65,087
45–49	1,467	1,484	1,611	1,491	1,617	41,192
50–54	930	929	918	971	989	23,205
55–59	464	491	470	578	519	12,423
60–64	213	236	229	277	272	6,673
≥65	173	192	192	211	198	5,406
Subtotal	9,495	9,397	9,101	9,037	8,889	364,340
Female						
<13	6	4	3	3	0	724
13–14	7	0	3	1	7	64
15–19	12	15	16	12	13	362
20–24	60	71	59	50	59	2,173
25–29	127	158	110	139	133	5,669
30–34	253	208	196	179	172	8,015
35–39	303	292	279	294	277	8,075
40–44	325	364	308	307	314	6,203
45–49	235	280	238	273	289	3,912
50–54	133	156	171	168	176	2,269
55–59	67	84	75	87	99	1,310
60–64	36	36	43	34	37	728
≥65	25	31	24	27	33	1,161
Subtotal	1,589	1,699	1,525	1,574	1,610	40,667
Total	11,084	11,096	10,626	10,611	10,499	405,007
Total Cases^d	40,054	38,695	37,256	36,791	37,041	1,051,875

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

^a From the beginning of the epidemic through 2007.

^b Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^c Hispanics/Latinos can be of any race.

^d Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 6. Estimated numbers of AIDS cases, by race/ethnicity and area of residence, 2003–2007 and cumulative—United States and dependent areas

Area of residence ^a	Year of diagnosis					Cumulative through 2007 ^b
	2003	2004	2005	2006	2007	
American Indian/Alaska Native						
Northeast	22	18	9	12	17	262
Midwest	20	14	15	25	19	438
South	50	42	40	41	45	867
West	91	110	100	71	78	1,929
U.S. dependent areas	0	0	0	0	0	1
Total	182	184	165	149	158	3,496
Asian^c						
Northeast	104	87	92	105	138	1,687
Midwest	29	40	34	42	43	426
South	74	81	63	59	77	868
West	187	183	192	220	219	4,539
U.S. dependent areas	3	0	0	0	0	63
Total	398	391	380	425	477	7,583
Black/African American						
Northeast	5,055	4,448	4,346	4,223	4,254	138,632
Midwest	2,189	2,004	2,130	2,012	1,959	44,189
South	11,197	11,294	10,175	9,962	10,176	210,690
West	1,188	1,079	1,137	1,191	1,232	33,242
U.S. dependent areas	22	14	9	21	21	435
Total	19,651	18,838	17,797	17,409	17,642	427,188
Hispanic/Latino^d						
Northeast	2,719	2,391	2,386	2,426	2,317	77,404
Midwest	437	421	452	445	439	8,148
South	2,029	2,121	2,168	2,141	2,301	40,113
West	2,037	1,888	1,824	1,902	1,909	43,646
U.S. dependent areas	1,054	902	944	810	789	31,422
Total	8,276	7,724	7,774	7,723	7,755	200,733
Native Hawaiian/Other Pacific Islander						
Northeast	2	2	2	5	12	30
Midwest	2	3	5	4	7	27
South	10	19	10	15	11	74
West	38	28	41	37	46	592
U.S. dependent areas	0	1	2	0	4	11
Total	52	53	61	61	80	734
White						
Northeast	2,349	2,205	2,094	2,290	2,214	92,973
Midwest	1,548	1,565	1,653	1,505	1,554	51,746
South	4,205	4,533	4,164	4,067	4,016	136,827
West	2,977	2,793	2,715	2,748	2,715	123,344
U.S. dependent areas	5	0	0	1	0	116
Total	11,084	11,096	10,626	10,611	10,499	405,007

Table 6. Estimated numbers of AIDS cases, by race/ethnicity and area of residence, 2003–2007 and cumulative—United States and dependent areas (cont)

Area of residence	Year of diagnosis					Cumulative through 2007 ^b
	2003	2004	2005	2006	2007	
	Total cases^e					
Northeast	10,441	9,358	9,178	9,275	9,151	314,787
Midwest	4,264	4,074	4,328	4,082	4,074	105,590
South	17,707	18,224	16,748	16,401	16,759	391,305
West	6,558	6,123	6,046	6,203	6,244	208,133
U.S. dependent areas	1,085	917	955	832	814	32,061
Total	40,054	38,695	37,256	36,791	37,041	1,051,875

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays and for redistribution of cases in persons initially reported without an identified risk factor, but not for incomplete reporting.

^a See Technical Notes for geographic designations.

^b From the beginning of the epidemic through 2007.

^c Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^d Hispanics/Latinos can be of any race.

^e Includes persons of unknown race or multiple races. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 7. Estimated numbers of cases and rates (per 100,000 population) of AIDS, by race/ethnicity, 2003–2007—50 states and the District of Columbia

	Year of diagnosis									
	2003		2004		2005		2006		2007	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
American Indian/Alaska Native										
Adult or adolescent										
Male	138	16.5	124	14.6	127	14.6	112	12.7	112	12.5
Female	44	5.0	59	6.6	37	4.0	36	3.9	46	5.0
Subtotal	181	10.6	183	10.5	164	9.2	148	8.2	158	8.6
Child (<13 yrs)	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0
Total	181	8.3	184	8.3	164	7.3	148	6.6	158	6.9
Asian^a										
Adult or adolescent										
Male	322	6.9	317	6.6	302	6.1	351	6.9	381	7.3
Female	72	1.4	72	1.4	75	1.4	73	1.3	93	1.6
Subtotal	394	4.1	389	3.9	377	3.7	424	4.0	475	4.3
Child (<13 yrs)	0	0.0	0	0.0	1	0.1	1	0.0	0	0.0
Total	394	3.4	389	3.2	378	3.1	425	3.3	475	3.6
Black/African American										
Adult or adolescent										
Male	12,512	96.4	12,048	91.2	11,359	84.7	11,082	81.3	11,243	81.3
Female	7,019	47.3	6,637	44.0	6,292	41.2	6,146	39.7	6,243	39.8
Subtotal	19,531	70.2	18,685	66.1	17,651	61.5	17,228	59.1	17,486	59.2
Child (<13 yrs)	49	0.6	34	0.4	39	0.5	29	0.4	21	0.3
Total	19,580	55.1	18,719	52.2	17,690	48.8	17,257	47.1	17,507	47.3
Hispanic/Latino^b										
Adult or adolescent										
Male	5,604	36.6	5,383	33.9	5,319	32.3	5,350	31.4	5,466	31.0
Female	1,600	11.2	1,424	9.6	1,476	9.7	1,521	9.6	1,452	8.9
Subtotal	7,203	24.4	6,807	22.2	6,796	21.4	6,871	20.9	6,918	20.4
Child (<13 yrs)	10	0.1	9	0.1	9	0.1	4	0.0	2	0.0
Total	7,214	18.1	6,817	16.5	6,804	16.0	6,875	15.6	6,921	15.2
Native Hawaiian/Other Pacific Islander										
Adult or adolescent										
Male	43	27.5	39	24.3	46	28.1	46	27.6	64	37.5
Female	9	5.9	11	7.0	12	7.7	15	9.1	12	7.1
Subtotal	52	16.7	50	15.7	58	17.9	61	18.4	76	22.3
Child (<13 yrs)	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0
Total	52	13.3	51	12.9	58	14.5	61	14.9	76	18.3

Table 7. Estimated numbers of cases and rates (per 100,000 population) of AIDS, by race/ethnicity, 2003–2007—50 states and the District of Columbia (cont)

	Year of diagnosis									
	2003		2004		2005		2006		2007	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
	White									
Adult or adolescent										
Male	9,479	11.7	9,366	11.5	9,059	11.1	8,960	10.9	8,802	10.6
Female	1,570	1.8	1,690	2.0	1,516	1.8	1,558	1.8	1,600	1.8
Subtotal	11,049	6.6	11,056	6.6	10,576	6.3	10,518	6.2	10,402	6.1
Child (<13 yrs)	12	0.0	8	0.0	4	0.0	3	0.0	5	0.0
Total	11,061	5.6	11,064	5.6	10,580	5.3	10,521	5.3	10,407	5.2
Total cases^c	38,893	13.4	37,633	12.8	36,127	12.2	35,695	11.9	35,962	11.9

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

Data exclude cases in persons whose state or area of residence is unknown, as well as cases from U.S. dependent areas, for which U.S. census information about race and age categories is lacking.

^a Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^b Hispanics/Latinos can be of any race.

^c Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 8. Estimated numbers of cases and rates (per 100,000 population) of HIV/AIDS, by race/ethnicity, 2004–2007—34 states with confidential name-based HIV infection reporting

	Year of diagnosis							
	2004		2005		2006		2007	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
American Indian/Alaska Native								
Adult or adolescent								
Male	130	19.8	126	18.7	127	18.6	160	23.1
Female	45	6.6	55	7.8	34	4.7	68	9.4
Subtotal	176	13.0	180	13.1	161	11.5	228	16.1
Child (<13 yrs)	1	0.3	0	0.0	2	0.6	0	0.0
Total	177	10.3	180	10.3	163	9.2	228	12.8
Asian^a								
Adult or adolescent								
Male	225	10.7	248	11.4	269	11.9	363	15.5
Female	81	3.6	76	3.3	61	2.5	88	3.5
Subtotal	305	7.1	323	7.2	330	7.1	451	9.3
Child (<13 yrs)	2	0.2	5	0.5	2	0.2	4	0.4
Total	308	5.8	329	6.0	332	5.9	455	7.7
Black/African American								
Adult or adolescent								
Male	12,217	123.2	11,840	117.4	12,310	120.0	14,247	136.8
Female	6,942	61.1	6,513	56.4	6,545	55.9	7,196	60.6
Subtotal	19,159	90.0	18,353	84.9	18,855	85.8	21,442	96.2
Child (<13 yrs)	150	2.6	127	2.2	120	2.1	107	1.9
Total	19,309	71.3	18,479	67.5	18,975	68.4	21,549	76.7
Hispanic/Latino^b								
Adult or adolescent								
Male	4,843	51.7	5,008	51.4	5,111	50.5	5,906	56.2
Female	1,302	14.9	1,343	14.9	1,455	15.5	1,555	16.0
Subtotal	6,145	34.0	6,350	33.8	6,566	33.7	7,460	36.9
Child (<13 yrs)	37	0.6	33	0.5	24	0.4	24	0.4
Total^b	6,183	25.7	6,383	25.5	6,590	25.3	7,484	27.7
Native Hawaiian/Other Pacific Islander								
Adult or adolescent								
Male	29	59.0	34	68.6	40	76.5	42	76.7
Female	11	22.9	9	17.6	9	18.6	5	9.0
Subtotal	39	41.3	43	43.5	49	48.0	46	43.4
Child (<13 yrs)	0	0.0	0	0.0	0	0.0	0	0.0
Total	39	32.6	43	34.4	49	38.2	46	34.6

Table 8. Estimated numbers of cases and rates (per 100,000 population) of HIV/AIDS, by race/ethnicity, 2004–2007—34 states with confidential name-based HIV infection reporting (cont)

	Year of diagnosis							
	2004		2005		2006		2007	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
	White							
Adult or adolescent								
Male	9,153	16.5	9,144	16.4	9,137	16.3	10,563	18.7
Female	1,663	2.8	1,653	2.8	1,660	2.8	1,971	3.3
Subtotal	10,816	9.5	10,797	9.4	10,797	9.4	12,534	10.8
Child (<13 yrs)	21	0.1	22	0.1	19	0.1	21	0.1
Total	10,836	8.0	10,818	8.0	10,815	8.0	12,556	9.2
Total cases^c	37,164	19.0	36,640	18.6	37,193	18.6	42,655	21.1

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

Data include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later diagnosis of AIDS, or concurrent diagnoses of HIV infection and AIDS.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

Data exclude cases in persons whose state or area of residence is unknown, as well as cases from U.S. dependent areas, for which U.S. census information about race and age categories is lacking.

^a Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^b Hispanics/Latinos can be of any race.

^c Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 9. Estimated numbers of persons living with HIV/AIDS, by race/ethnicity and transmission category, 2004–2007—39 areas with confidential name-based HIV infection reporting

Transmission category	2004	2005	2006	2007
American Indian/Alaska Native				
Male adult or adolescent				
Male-to-male sexual contact	837	892	957	1,053
Injection drug use	199	214	214	221
Male-to-male sexual contact and injection drug use	211	216	221	231
High-risk heterosexual contact ^a	108	110	122	128
Other ^b	13	14	13	13
Subtotal	1,368	1,446	1,526	1,646
Female adult or adolescent				
Injection drug use	183	186	193	198
High-risk heterosexual contact ^a	317	350	361	404
Other ^b	8	9	10	12
Subtotal	508	546	564	614
Total adults and adolescents	1,876	1,991	2,090	2,260
Child (<13 yrs)				
Perinatal	19	19	21	21
Other ^c	2	2	2	2
Subtotal	21	21	23	23
Total	1,897	2,012	2,113	2,283
Asian^d				
Male adult or adolescent				
Male-to-male sexual contact	1,273	1,460	1,648	1,926
Injection drug use	140	146	157	169
Male-to-male sexual contact and injection drug use	61	63	70	73
High-risk heterosexual contact ^a	226	252	274	311
Other ^b	32	33	35	39
Subtotal	1,731	1,954	2,185	2,517
Female adult or adolescent				
Injection drug use	56	65	70	74
High-risk heterosexual contact ^a	392	448	496	560
Other ^b	42	48	49	52
Subtotal	491	561	615	685
Total adults and adolescents	2,222	2,515	2,799	3,203
Child (<13 yrs)				
Perinatal	21	26	25	28
Other ^c	6	6	7	8
Subtotal	27	32	32	36
Total	2,249	2,547	2,832	3,239

Table 9. Estimated numbers of persons living with HIV/AIDS, by race/ethnicity and transmission category, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Transmission category	2004	2005	2006	2007
Black/African American				
Male adult or adolescent				
Male-to-male sexual contact	67,779	72,738	78,209	85,028
Injection drug use	34,944	35,072	35,364	35,999
Male-to-male sexual contact and injection drug use	10,979	11,057	11,123	11,226
High-risk heterosexual contact ^a	28,692	30,377	32,028	34,167
Other ^b	1,036	1,068	1,132	1,189
Subtotal	143,430	150,312	157,856	167,609
Female adult or adolescent				
Injection drug use	21,980	22,137	22,319	22,581
High-risk heterosexual contact ^a	59,164	62,950	66,769	71,214
Other ^b	1,143	1,191	1,232	1,309
Subtotal	82,287	86,277	90,320	95,104
Total adults and adolescents	225,716	236,589	248,176	262,714
Child (<13 yrs)				
Perinatal	4,335	4,367	4,368	4,351
Other ^c	377	377	393	396
Subtotal	4,712	4,744	4,761	4,747
Total	230,429	241,333	252,937	267,461
Hispanic/Latino^e				
Male adult or adolescent				
Male-to-male sexual contact	35,077	38,076	41,220	44,978
Injection drug use	20,986	21,256	21,498	21,968
Male-to-male sexual contact and injection drug use	4,758	4,865	4,950	5,031
High-risk heterosexual contact ^a	8,206	8,798	9,448	10,150
Other ^b	425	443	472	493
Subtotal	69,452	73,438	77,587	82,619
Female adult or adolescent				
Injection drug use	7,533	7,565	7,628	7,667
High-risk heterosexual contact ^a	16,053	17,128	18,284	19,626
Other ^b	295	319	343	377
Subtotal	23,881	25,012	26,254	27,671
Total adults and adolescents	93,333	98,450	103,842	110,290
Child (<13 yrs)				
Perinatal	1,518	1,501	1,472	1,441
Other ^c	142	141	133	136
Subtotal	1,660	1,642	1,605	1,577
Total	94,993	100,092	105,446	111,867

Table 9. Estimated numbers of persons living with HIV/AIDS, by race/ethnicity and transmission category, 2004–2007—39 areas with confidential name-based HIV infection reporting (cont)

Transmission category	2004	2005	2006	2007
Native Hawaiian/Other Pacific Islander				
Male adult or adolescent				
Male-to-male sexual contact	86	108	139	174
Injection drug use	4	5	7	8
Male-to-male sexual contact and injection drug use	4	5	5	5
High-risk heterosexual contact ^a	4	11	13	14
Other ^b	1	1	2	4
Subtotal	98	130	166	206
Female adult or adolescent				
Injection drug use	4	5	7	7
High-risk heterosexual contact ^a	23	29	38	38
Other ^b	2	2	2	3
Subtotal	29	35	47	48
Total adults and adolescents	127	165	212	254
Child (<13 yrs)				
Perinatal	1	1	1	0
Other ^c	0	0	0	0
Subtotal	1	1	1	0
Total	128	166	213	253
White				
Male adult or adolescent				
Male-to-male sexual contact	104,048	109,448	115,055	121,746
Injection drug use	11,308	11,385	11,574	11,777
Male-to-male sexual contact and injection drug use	11,673	11,837	11,974	12,212
High-risk heterosexual contact ^a	5,029	5,309	5,610	5,961
Other ^b	1,581	1,590	1,594	1,604
Subtotal	133,639	139,569	145,807	153,299
Female adult or adolescent				
Injection drug use	8,412	8,565	8,764	9,039
High-risk heterosexual contact ^a	14,773	15,595	16,484	17,577
Other ^b	509	521	528	545
Subtotal	23,694	24,681	25,776	27,161
Total adults and adolescents	157,333	164,250	171,584	180,460
Child (<13 yrs)				
Perinatal	826	833	837	842
Other ^c	178	174	167	158
Subtotal	1,004	1,008	1,005	1,000
Total	158,337	165,258	172,588	181,460
Total cases^f	492,673	516,279	540,972	571,378

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays and missing risk-factor information, but not for incomplete reporting.

Data include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later diagnosis of AIDS, or concurrent diagnoses of HIV infection and AIDS.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.

^c Includes hemophilia, blood transfusion, and risk factor not reported or not identified.

^d Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^e Hispanics/Latinos can be of any race.

^f Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 10. Estimated numbers of persons living with AIDS, by race/ethnicity and transmission category, 2003–2007—United States and dependent areas

Transmission category	2003	2004	2005	2006	2007
American Indian/Alaska Native					
Male adult or adolescent					
Male-to-male sexual contact	597	631	679	707	746
Injection drug use	168	175	189	194	203
Male-to-male sexual contact and injection drug use	197	208	218	228	236
High-risk heterosexual contact ^a	60	71	78	88	87
Other ^b	14	13	13	12	12
Subtotal	1,035	1,096	1,176	1,230	1,284
Female adult or adolescent					
Injection drug use	131	146	153	158	162
High-risk heterosexual contact ^a	161	184	194	205	232
Other ^b	10	10	9	10	12
Subtotal	303	340	356	373	407
Total adults and adolescents	1,339	1,437	1,532	1,603	1,691
Child (<13 yrs)					
Perinatal	12	12	12	12	12
Other ^c	1	2	2	2	2
Subtotal	13	14	14	14	14
Total	1,352	1,451	1,546	1,617	1,705
Asian^d					
Male adult or adolescent					
Male-to-male sexual contact	2,011	2,193	2,378	2,584	2,832
Injection drug use	165	178	191	208	233
Male-to-male sexual contact and injection drug use	134	147	158	170	177
High-risk heterosexual contact ^a	237	266	296	327	362
Other ^b	73	73	74	78	79
Subtotal	2,620	2,857	3,098	3,367	3,683
Female adult or adolescent					
Injection drug use	55	64	69	74	79
High-risk heterosexual contact ^a	369	415	471	519	584
Other ^b	58	63	69	71	77
Subtotal	481	541	609	665	740
Total adults and adolescents	3,101	3,398	3,707	4,031	4,423
Child (<13 yrs)					
Perinatal	10	10	11	11	11
Other ^c	4	4	4	5	5
Subtotal	14	14	15	16	16
Total	3,115	3,412	3,722	4,048	4,440

Table 10. Estimated numbers of persons living with AIDS, by race/ethnicity and transmission category, 2003–2007—United States and dependent areas (cont)

Transmission category	2003	2004	2005	2006	2007
Black/African American					
Male adult or adolescent					
Male-to-male sexual contact	46,502	50,128	53,503	57,031	61,053
Injection drug use	32,390	33,022	33,455	34,050	34,756
Male-to-male sexual contact and injection drug use	9,793	10,058	10,244	10,448	10,625
High-risk heterosexual contact ^a	18,226	20,107	21,724	23,327	25,056
Other ^b	783	832	889	943	1,008
Subtotal	107,693	114,148	119,815	125,799	132,499
Female adult or adolescent					
Injection drug use	17,886	18,401	18,865	19,290	19,682
High-risk heterosexual contact ^a	31,544	34,648	37,661	40,682	43,986
Other ^b	868	954	1,017	1,088	1,178
Subtotal	50,299	54,004	57,543	61,059	64,846
Total adults and adolescents	157,992	168,152	177,358	186,859	197,345
Child (<13 yrs)					
Perinatal	2,434	2,435	2,450	2,446	2,432
Other ^c	90	90	93	98	99
Subtotal	2,524	2,525	2,544	2,544	2,532
Total	160,516	170,678	179,902	189,402	199,876
Hispanic/Latino^e					
Male adult or adolescent					
Male-to-male sexual contact	31,793	34,247	36,778	39,473	42,259
Injection drug use	17,768	18,166	18,589	18,937	19,401
Male-to-male sexual contact and injection drug use	4,759	4,908	5,031	5,171	5,347
High-risk heterosexual contact ^a	6,278	6,848	7,426	8,023	8,556
Other ^b	483	510	544	580	597
Subtotal	61,081	64,679	68,367	72,184	76,160
Female adult or adolescent					
Injection drug use	5,818	5,961	6,121	6,232	6,391
High-risk heterosexual contact ^a	10,539	11,354	12,280	13,264	14,144
Other ^b	331	350	375	407	456
Subtotal	16,688	17,665	18,777	19,903	20,992
Total adults and adolescents	77,768	82,344	87,144	92,087	97,152
Child (<13 yrs)					
Perinatal	812	806	801	789	775
Other ^c	49	49	49	48	48
Subtotal	861	855	850	837	823
Total	78,630	83,199	87,994	92,925	97,975

Table 10. Estimated numbers of persons living with AIDS, by race/ethnicity and transmission category, 2003–2007—United States and dependent areas (cont)

Transmission category	2003	2004	2005	2006	2007
Native Hawaiian/Other Pacific Islander					
Male adult or adolescent					
Male-to-male sexual contact	156	176	207	246	295
Injection drug use	9	9	10	11	13
Male-to-male sexual contact and injection drug use	10	15	14	14	18
High-risk heterosexual contact ^a	9	13	21	23	23
Other ^b	3	2	2	2	4
Subtotal	186	216	253	296	352
Female adult or adolescent					
Injection drug use	8	7	9	13	14
High-risk heterosexual contact ^a	28	34	42	52	58
Other ^b	5	5	5	5	7
Subtotal	40	46	56	70	79
Total adults and adolescents	226	262	309	365	432
Child (<13 yrs)					
Perinatal	4	5	5	5	5
Other ^c	0	0	0	0	0
Subtotal	4	5	5	5	5
Total	230	267	314	370	437
White					
Male adult or adolescent					
Male-to-male sexual contact	89,611	94,065	98,217	102,711	107,073
Injection drug use	11,514	11,688	11,890	12,144	12,467
Male-to-male sexual contact and injection drug use	11,733	11,977	12,287	12,508	12,751
High-risk heterosexual contact ^a	4,013	4,296	4,568	4,892	5,254
Other ^b	1,651	1,668	1,685	1,700	1,716
Subtotal	118,521	123,693	128,647	133,955	139,261
Female adult or adolescent					
Injection drug use	6,975	7,231	7,384	7,610	7,894
High-risk heterosexual contact ^a	8,901	9,583	10,141	10,804	11,509
Other ^b	464	478	493	502	517
Subtotal	16,341	17,292	18,017	18,916	19,920
Total adults and adolescents	134,862	140,985	146,664	152,871	159,181
Child (<13 yrs)					
Perinatal	484	486	487	486	482
Other ^c	64	64	62	56	51
Subtotal	548	550	549	542	534
Total	135,410	141,535	147,212	153,413	159,715
Total cases^f	382,896	404,438	424,871	446,098	468,578

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays and missing risk-factor information, but not for incomplete reporting. Data include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later diagnosis of AIDS, or concurrent diagnoses of HIV infection and AIDS.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

^b Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.

^c Includes hemophilia, blood transfusion, and risk factor not reported or not identified.

^d Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^e Hispanics/Latinos can be of any race.

^f Includes persons of unknown race or multiple races and persons of unknown sex. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 11. Estimated numbers of persons living with AIDS, by race/ethnicity and area of residence, 2003–2007—United States and dependent areas

Area of residence ^a	2003	2004	2005	2006	2007
American Indian/Alaska Native					
Northeast	106	115	122	133	149
Midwest	161	169	177	194	204
South	335	353	379	398	438
West	749	813	868	891	913
U.S. dependent areas	1	1	1	1	1
Total	1,352	1,451	1,546	1,617	1,705
Asian^b					
Northeast	686	754	831	909	1,027
Midwest	182	212	244	276	314
South	363	435	484	530	594
West	1,847	1,976	2,127	2,299	2,472
U.S. dependent areas	37	35	35	34	33
Total	3,115	3,412	3,722	4,048	4,440
Black/African American					
Northeast	49,274	51,301	53,359	55,647	58,243
Midwest	16,898	18,167	19,592	20,848	22,154
South	81,245	87,570	92,768	97,937	103,730
West	12,945	13,483	14,023	14,791	15,559
U.S. dependent areas	154	155	160	179	190
Total	160,516	170,678	179,902	189,402	199,876
Hispanic/Latino^c					
Northeast	29,563	30,756	32,028	33,385	34,716
Midwest	3,432	3,738	4,102	4,442	4,783
South	16,382	17,806	19,264	20,777	22,360
West	19,100	20,398	21,682	23,128	24,525
U.S. dependent areas	10,152	10,502	10,918	11,192	11,592
Total^b	78,630	83,199	87,994	92,925	97,975
Native Hawaiian/Other Pacific Islander					
Northeast	7	9	11	17	29
Midwest	4	5	8	12	19
South	17	35	44	57	68
West	199	213	245	279	315
U.S. dependent areas	3	4	6	5	6
Total	230	267	314	370	437
White					
Northeast	29,516	30,697	31,822	33,204	34,767
Midwest	17,663	18,610	19,694	20,616	21,593
South	47,000	49,610	51,727	54,027	56,162
West	41,182	42,570	43,923	45,518	47,146
U.S. dependent areas	49	48	47	48	47
Total	135,410	141,535	147,212	153,413	159,715

Table 11. Estimated numbers of persons living with AIDS, by race/ethnicity and area of residence, 2003–2007—United States and dependent areas (cont)

Area of residence ^a	2003	2004	2005	2006	2007
			Total cases^d		
Northeast	111,149	115,795	120,534	125,730	131,411
Midwest	38,618	41,200	44,141	46,744	49,449
South	146,259	156,792	165,695	174,785	184,424
West	76,462	79,892	83,323	87,372	91,416
U.S. dependent areas	10,408	10,757	11,177	11,468	11,877
Total	382,896	404,438	424,871	446,098	468,578

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

^a See Technical Notes for geographic designations.

^b Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^c Hispanics/Latinos can be of any race.

^d Includes persons of unknown race or multiple races. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Table 12. Estimated numbers and rates (per 100,000 population) of adults and adolescents living with HIV/AIDS at the end of 2007, by race/ethnicity and area of residence—39 areas with confidential name-based HIV infection reporting

Area of residence	American Indian/ Alaska Native		Asian ^a		Black/African American		Hispanic/Latino ^b		Native Hawaiian/ Pacific Islander		White		Total Rate ^c
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Alabama	13	67.8	14	40.7	6,293	647.6	206	239.2	5	459.4	3,105	115.6	254.8
Alaska	150	187.5	12	49.1	65	328.0	50	176.2	5	168.7	341	89.7	113.3
Arizona	382	189.3	46	37.7	1,193	714.3	2,900	215.1	12	186.4	6,573	204.1	220.2
Arkansas	6	36.6	11	46.7	2,056	595.9	157	151.5	5	291.7	2,429	133.6	201.5
Colorado	78	264.2	63	61.5	1,450	989.4	1,762	248.3	5	123.4	6,885	232.9	258.6
Florida	84	188.4	199	60.3	42,650	1,982.6	16,500	545.2	26	319.6	26,899	277.7	567.6
Georgia	48	250.0	95	44.2	22,833	1,022.8	1,286	247.8	6	149.2	7,240	155.4	411.0
Idaho	16	112.5	6	48.4	38	606.2	90	88.0	...	—	571	54.2	60.1
Indiana	10	76.8	41	59.8	2,741	628.9	520	232.5	...	—	4,517	102.0	152.1
Iowa	...	—	14	37.0	314	572.4	132	158.6	...	—	1,087	47.6	62.7
Kansas	24	125.7	12	24.6	700	555.5	329	189.2	...	—	1,626	86.5	120.9
Louisiana	19	96.1	32	63.3	10,888	1,021.3	489	454.0	...	—	4,638	205.6	457.2
Michigan	45	99.9	59	30.9	7,907	695.9	532	180.3	5	233.4	4,837	73.1	161.6
Minnesota	105	241.3	61	44.4	1,954	1,166.2	502	350.5	...	—	3,136	83.2	134.6
Mississippi	12	113.5	10	53.7	5,693	677.9	127	285.8	...	—	1,754	121.6	324.1
Missouri	28	129.5	44	64.1	4,663	881.1	425	332.1	...	—	5,623	138.1	222.2
Nebraska	28	248.5	22	92.4	407	713.4	201	217.7	...	—	864	68.7	105.3
Nevada	54	249.9	59	45.3	1,493	1,003.9	1,226	265.5	25	273.7	3,605	282.4	314.1
New Jersey	32	281.6	195	36.9	18,906	2,032.9	7,474	692.0	17	629.3	8,151	176.6	485.9
New Mexico	156	117.7	14	68.6	118	365.3	1,018	149.5	...	—	989	135.7	142.5
New York	163	325.7	1,246	112.0	54,279	2,303.5	36,303	1,447.1	30	424.8	27,370	273.0	745.5
North Carolina	198	237.1	85	64.1	15,007	965.4	1,091	247.2	16	467.2	5,661	109.1	297.2
North Dakota	11	43.7	...	—	26	589.1	7	79.0	...	—	120	24.4	30.7
Ohio	27	133.0	65	44.6	6,977	649.0	710	341.8	...	—	7,922	99.1	166.8
Oklahoma	302	138.5	17	33.7	1,042	478.9	300	162.3	6	272.1	2,748	125.0	151.3
South Carolina	11	86.8	14	33.9	10,222	1,014.3	356	296.7	...	—	3,404	139.1	385.2
South Dakota	54	115.8	...	—	71	1,252.6	12	94.4	...	—	210	36.2	53.2

Table 12. Estimated numbers and rates (per 100,000 population) of adults and adolescents living with HIV/AIDS at the end of 2007, by race/ethnicity and area of residence—39 areas with confidential name-based HIV infection reporting (cont)

Area of residence	American Indian/ Alaska Native		Asian ^a		Black/African American		Hispanic/Latino ^b		Native Hawaiian/ Pacific Islander		White		Total Rate ^c
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Tennessee	9	61.4	17	26.3	7,883	972.6	357	238.2	8	412.5	5,592	138.9	272.9
Texas	103	139.2	439	68.3	23,074	1,066.8	15,298	241.7	37	301.4	22,220	229.6	321.5
Utah	26	112.1	14	34.8	194	1,142.7	364	171.4	...	—	1,537	90.1	105.7
Virginia	20	109.1	188	61.9	11,853	970.8	1,173	310.5	11	307.4	6,014	136.4	302.8
West Virginia	...	—	...	—	416	828.6	26	174.1	...	—	991	68.3	93.9
Wisconsin	38	99.6	40	46.8	1,804	724.7	526	271.7	...	—	2,264	55.6	100.5
Wyoming	9	100.6	...	—	13	347.5	20	71.6	...	—	153	39.7	46.3
Subtotal for 34 states	2,271	159.8	3,138	65.0	265,225	1,189.4	92,469	457.1	247	232.0	181,076	156.5	330.4
U.S. dependent areas^d													
Guam	...	NC	67	NC	...	NC	...	NC	...	NC	17	NC	73.6
Puerto Rico	...	NC	...	NC	...	NC	18,681	NC	...	NC	13	NC	577.7
Subtotal for U.S. dependent areas^e	...	NC	79	NC	342	NC	18,864	NC	6	NC	80	NC	542.5^f
Total^g	2,273		3,217		265,566		111,333		253		181,156		334.9

Note. These numbers do not represent reported case counts. Rather, these numbers are point estimates, which result from adjustments of reported case counts. The reported case counts have been adjusted for reporting delays, but not for incomplete reporting.

Data include persons with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later diagnosis of AIDS, or concurrent diagnoses of HIV infection and AIDS.

See Technical Notes for the list of areas that have had laws or regulations requiring confidential name-based HIV infection reporting since at least 2003.

Dash indicates that the rate is not reported because no cases or fewer than 5 cases of HIV/AIDS were reported.

Ellipses indicate racial/ethnic groups for which no cases or fewer than 5 cases of HIV/AIDS were reported.

NC indicates that the rate could not be calculated because U.S. census information about race and age categories was lacking.

^a Includes Asian/Pacific Islander legacy cases (see Technical Notes).

^b Hispanics/Latinos can be of any race.

^c Rates include persons of unknown race or multiple races.

^d Dependent areas with fewer than 100,000 population are not reported.

^e Includes cases from American Samoa, the Northern Mariana Islands, and the U.S. Virgin Islands.

^f Includes rates from American Samoa, the Northern Mariana Islands, and the U.S. Virgin Islands.

^g Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

SURVEILLANCE OF HIV INFECTION

This report includes data from case reports from 39 areas that had laws or regulations requiring confidential name-based HIV infection reporting for adults, adolescents and children since at least 2003, in addition to the reporting of persons with AIDS. Data in this report are from cases reported according to the 2000 revised HIV surveillance case definition [1].

SURVEILLANCE OF AIDS

AIDS cases are reported to CDC by all 50 states, the District of Columbia, and U.S. dependent areas, by use of a uniform surveillance case definition and case report form. Data in this report are from cases reported according to the 2000 revised HIV surveillance case definition [1]. Persons in whom HIV infection progressed to AIDS are reported as having AIDS.

TABULATION OF DATA

The supplemental report is organized in 2 sections: (1) cases of HIV/AIDS and AIDS and (2) persons living with HIV/AIDS or AIDS. Data estimating the number of persons with diagnoses of HIV/AIDS or AIDS and the number of persons living with HIV/AIDS or AIDS have been statistically adjusted to correct for delays in the reporting of cases and for missing risk-factor information. For the assessment of trends in diagnoses or prevalence, it is preferable to use adjusted data, presented by year of diagnosis instead of year of report, to eliminate artifacts of reporting in the surveillance system. The racial/ethnic distribution of cases of HIV/AIDS reflects the racial/ethnic distribution of the 39 areas and should not be considered representative of all persons with HIV/AIDS in the United States.

The data in this report are provisional. This report includes information received by CDC through June 30, 2008.

Inclusion of Areas with Mature HIV Reporting Systems for Analysis of Cases of HIV Infection

The inclusion of areas with mature confidential name-based HIV reporting for the tabulation and pre-

sentation of HIV/AIDS data was based on the date that HIV infection reporting was implemented in the area and the ability to calculate 4 years of reporting delays in order to display trends reliably. This report includes the 39 areas with laws or regulations requiring confidential name-based HIV infection reporting since 2003. The 39 areas comprise 34 states (Alabama, Alaska, Arizona, Arkansas, Colorado, Florida, Georgia, Idaho, Indiana, Iowa, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, Wisconsin, and Wyoming) and 5 U.S. dependent areas (American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands). Georgia was added to the tables for estimated HIV/AIDS for the first time in this report and the most recent surveillance report [2], increasing the number of states included in these analyses from 33 to 34.

Race and Ethnicity

In the *Federal Register* for October 30, 1997 [3], the Office of Management and Budget announced the Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity. Implementation by January 1, 2003, was mandated. At a minimum, data on the following racial categories should be collected: American Indian or Alaska Native; Asian; black or African American; Native Hawaiian or other Pacific Islander; and white. Additionally, systems must be able to retain information when multiple racial categories are reported. In addition to data on race, data on 2 categories of ethnicity should be collected: Hispanic or Latino and not Hispanic or Latino. Hispanics/Latinos can be of any race.

The new racial categories were used for the first time for HIV/AIDS and AIDS surveillance data in the previous version of this supplemental report [4] and the most recent annual surveillance report (the 2007 *HIV/AIDS Surveillance Report*) [2]. The numbers displayed for the Asian/Pacific Islander category in earlier annual and supplemental reports are not comparable to the numbers displayed for the 2 new

racial categories: (1) Asian and (2) Native Hawaiian and other Pacific Islander. The Asian category includes the cases in Asians/Pacific Islanders (referred to as legacy cases) that were reported before the implementation of the new racial categories in 2003 and a small proportion of cases in Asians and Native Hawaiians/Other Pacific Islanders that were reported after 2003 but that were reported according to the old racial category (Asian/Pacific Islander).

Age

The designation “adults and adolescents” refers to persons aged 13 years and older, the designation “children” refers to persons less than 13 years of age. For presentation of data on persons living with HIV infection or with AIDS, the age designation is based on the person’s age as of December 31, 2007.

For all other tables, the age designation (for example, “adults and adolescents”) or the specific age group (for example, 20–24 years) is based on the person’s age at the time of the first documented positive result of an HIV antibody test (for persons with a diagnosis of HIV infection) or the person’s age at the time AIDS was diagnosed.

Geographic Designations

The areas of residence included in the report are defined as follows.

Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont

Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin

South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia

West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming

U.S. dependent areas: American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands

Persons Living with HIV Infection or AIDS

Tabulations of persons living with HIV/AIDS or with AIDS do not reflect actual counts of cases reported to the surveillance system. Rather, the estimates are based on numbers of reported cases, which have been adjusted for delays in the reporting of cases and deaths.

TRANSMISSION CATEGORIES

For surveillance purposes, cases of HIV/AIDS and AIDS are counted only once in a hierarchy of transmission categories. Persons with more than one reported risk factor for HIV infection are classified in the transmission category listed first in the hierarchy. The exception is men who report sexual contact with other men and injection drug use; this group makes up a separate transmission category.

Persons whose transmission category is classified as male-to-male sexual contact include men who report sexual contact with other men (i.e., homosexual contact) and men who report sexual contact with both men and women (i.e., bisexual contact). Persons whose transmission category is classified as high-risk heterosexual contact are persons who report specific heterosexual contact with a person known to have, or to be at high risk for, HIV infection (e.g., an injection drug user).

Adults and adolescents born in, or who had sex with someone born in, a country where heterosexual transmission was believed to be the predominant mode of HIV transmission (formerly classified as Pattern II countries by the World Health Organization) are no longer classified as having heterosexually acquired HIV infection unless they meet the criteria for high-risk heterosexual contact stated in the preceding paragraph. Similar to other cases among persons who were reported without information about a behavioral or transfusion risk factor for HIV infection, these cases are now classified (in the absence of other risk factor information that would classify them in another transmission category) as “no risk factor reported or identified” [5].

Cases in persons with no reported exposure to HIV through any of the routes listed in the hierarchy of transmission categories are classified as “no risk factor reported or identified.” No identified risk factor (NIR) cases include cases that are being followed up by local health department officials; cases in persons whose

exposure history is missing because they died, declined to be interviewed, or were lost to follow-up; and cases in persons who were interviewed or for whom other follow-up information was available and no risk factor was identified.

Because a substantial proportion of cases of HIV infection and AIDS are reported to CDC without an identified risk factor, a statistical approach—multiple imputation—has been used in this report to assign a risk factor for these cases. Multiple imputation is a statistical approach in which each missing risk factor is replaced with a set of plausible values that represent the uncertainty about the true, but missing, value [6,7]. In this report, multiple imputation has been used in tables showing estimated values for cases in adults and adolescents, but not in tables concerning cases in children (because the number of cases in children is small, missing risk factors were not imputed for these cases).

RATES

Rates per 100,000 population were calculated for the numbers of cases of HIV/AIDS and AIDS in 2007, as well as for persons living with HIV/AIDS at the end of 2007. The population denominators used to compute these rates for the 50 states and the District of Columbia were based on official postcensus estimates for 2007 from the U.S. Census Bureau [8]. These rates differ slightly from those in the 2007 *HIV/AIDS Surveillance Report*; in that report, the rates were based on bridged-race estimates for 2007 obtained from the National Center for Health Statistics [9].

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