

HIV/AIDS

Surveillance Supplemental Report

==== Volume 10, Number 1 ====

Cases of HIV Infection and AIDS in the United States, by Race/Ethnicity, 1998–2002



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All data are provisional.

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Commentary

This report complements the information in the 2002 *HIV/AIDS Surveillance Report* by providing detailed information, by race/ethnicity, about the epidemiology of HIV/AIDS in the United States. The *Surveillance Supplemental Report: Cases of HIV Infection and AIDS in the United States, by Race/Ethnicity, 1998–2002*, presents data on persons with HIV infection, including those in whom HIV infection has progressed to AIDS. These data are stratified by the following races and ethnic groups: black (non-Hispanic), white (non-Hispanic), Hispanic, Asian/Pacific Islander, and American Indian/Alaska Native.

In this report, HIV/AIDS includes 3 categories of cases: (1) new diagnoses of HIV infection (not AIDS), (2) new diagnoses of HIV infection with later diagnosis of AIDS, and (3) concurrent diagnosis of HIV infection and AIDS. For analyses of HIV/AIDS, data were used from the 30 areas (i.e., 29 states and the U.S. Virgin Islands) that have had confidential name-based HIV infection reporting long enough (i.e., at least since 1998) for data collection to stabilize and for adjustment of the data to monitor trends. Tables 1 to 10 summarize 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 U.S. dependencies, possession, and associated nations.

Report Highlights

- From 1999 through 2002, the number of diagnoses of HIV/AIDS in the 30 areas with confidential-name-based HIV infection reporting increased steadily among whites, Hispanics, and Asians/Pacific Islanders. The number of diagnoses among blacks remained stable; in 2002, blacks accounted for 54% of all new diagnoses of HIV/AIDS.
- Of all HIV infections in adults and adolescents that progressed to AIDS within 12 months after HIV infection was diagnosed during 2001, 32% occurred among whites, 55% among blacks, and 12% among Hispanics. Asians/Pacific Islanders and American Indians/Alaska Natives accounted for <1% each of all concurrent diagnoses of HIV and AIDS within one year.
- From 1998 through 2002, AIDS incidence steadily decreased among whites and Hispanics; however, AIDS incidence increased among blacks, Asians/Pacific Islanders and American Indians/Alaska Natives.
- In 2002, rates of AIDS diagnoses ranged from 75.4 per 100,000 black adults and adolescents to 4.6 per 100,000 of Asian/Pacific Islander adults and adolescents.
- At the end of 2002, an estimated 144,129 persons were known to be living with HIV (not AIDS) in the 30 areas with confidential name-based HIV infection reporting since 1998: 53% were black, 37% white, 9% Hispanic, and <1% each were American Indian/Alaska Native and Asians/Pacific Islanders.
- At the end of 2002, approximately 384,906 persons in the United States were living with AIDS: 42% were black, 37% white, 20% Hispanic, and <1% each were American Indian/Alaska Native or Asian/Pacific Islander.
- In 2002, 19,678 cases of HIV/AIDS in male adults and adolescents were reported from the 30 areas with confidential-name-based HIV infection reporting: of these persons, 45% were black, 41% white, 13% Hispanic, and <1% each were American Indian/Alaska Native or Asian/Pacific Islander.
- In 2002, 7,706 cases of HIV/AIDS in female adults and adolescents were reported from the 30 areas with confidential-name-based HIV infection reporting: of these persons, 70% were black, 20% white, 9% Hispanic, and <1% each were American Indian/Alaska Native or Asian/Pacific Islander.
- In 2002, 32,513 cases of AIDS in male adults and adolescents were reported in the United States: of these persons, 44% were black, 35% white, 20% Hispanic, 1% Asian/Pacific Islander, and <1% were American Indian/Alaska Native.
- In 2002, 11,279 cases of AIDS in female adults and adolescents were reported among in the United States: of these persons, 65% were black, 17% white, 17% Hispanic, and <1% each were American Indian/Alaska Native or Asian/Pacific Islander.

Table 1. Estimated numbers of diagnoses of HIV/AIDS, by race/ethnicity, sex, exposure category, and age category, 1999–2002—30 areas with confidential name-based HIV infection reporting

Exposure category	Year of diagnosis			
	1999	2000	2001	2002
White, not Hispanic				
Male adult or adolescent				
Male-to-male sexual contact	4,712	5,026	5,182	5,446
Injection drug use	715	647	618	639
Male-to-male sexual contact and injection drug use	486	437	397	421
Heterosexual contact	394	394	381	407
Other ^a	66	71	64	73
Subtotal	6,372	6,575	6,642	6,987
Female adult or adolescent				
Injection drug use	414	433	399	382
Heterosexual contact	885	929	943	928
Other ^a	30	26	27	27
Subtotal	1,329	1,389	1,369	1,337
Total adults and adolescents	7,702	7,963	8,011	8,324
Child (<13 yrs)				
Perinatal	16	19	27	19
Other ^a	0	1	1	5
Subtotal	16	21	29	24
Total	7,718	7,984	8,040	8,347
Black, not Hispanic				
Male adult or adolescent				
Male-to-male sexual contact	3,937	3,980	4,187	4,464
Injection drug use	1,851	1,787	1,599	1,642
Male-to-male sexual contact and injection drug use	452	384	423	396
Heterosexual contact	2,449	2,401	2,364	2,353
Other ^a	80	74	77	70
Subtotal	8,769	8,627	8,651	8,925
Female adult or adolescent				
Injection drug use	1,088	993	937	895
Heterosexual contact	4,310	4,281	4,273	4,376
Other ^a	87	103	88	88
Subtotal	5,486	5,377	5,298	5,359
Total adults and adolescents	14,255	14,004	13,949	14,284
Child (<13 yrs)				
Perinatal	135	114	133	102
Other ^a	7	11	8	12
Subtotal	142	125	141	114
Total	14,397	14,129	14,090	14,398
Hispanic				
Male adult or adolescent				
Male-to-male sexual contact	1,164	1,315	1,394	1,605
Injection drug use	414	447	425	436
Male-to-male sexual contact and injection drug use	107	117	97	108
Heterosexual contact	340	391	387	432
Other ^a	16	19	24	18
Subtotal	2,041	2,289	2,327	2,600
Female adult or adolescent				
Injection drug use	124	131	121	121
Heterosexual contact	429	468	516	560
Other ^a	11	15	15	20
Subtotal	564	614	651	701
Total adults and adolescents	2,605	2,903	2,978	3,301
Child (<13 yrs)				
Perinatal	21	18	29	19
Other ^a	5	0	4	1
Subtotal	27	18	33	20
Total	2,631	2,920	3,012	3,321

Table 1. (continued)

Exposure category	Year of diagnosis			
	1999	2000	2001	2002
Asian/Pacific Islander				
Male adult or adolescent				
Male-to-male sexual contact	58	75	68	75
Injection drug use	10	18	17	17
Male-to-male sexual contact and injection drug use	2	4	5	4
Heterosexual contact	19	19	15	20
Other ^a	2	2	1	2
Subtotal	91	118	105	118
Female adult or adolescent				
Injection drug use	5	5	4	3
Heterosexual contact	26	26	28	25
Other ^a	1	2	3	1
Subtotal	32	32	34	29
Total adults and adolescents	123	150	139	147
Child (<13 yrs)				
Perinatal	0	0	1	2
Other ^a	0	0	0	0
Subtotal	0	0	1	2
Total	123	150	140	149
American Indian/Alaska Native				
Male adult or adolescent				
Male-to-male sexual contact	67	58	60	75
Injection drug use	14	15	22	16
Male-to-male sexual contact and injection drug use	12	13	18	10
Heterosexual contact	15	15	10	12
Other ^a	1	0	0	0
Subtotal	109	101	110	114
Female adult or adolescent				
Injection drug use	13	13	10	16
Heterosexual contact	29	32	20	37
Other ^a	1	1	3	0
Subtotal	43	46	32	53
Total adults and adolescents	153	147	142	167
Child (<13 yrs)				
Perinatal	0	0	0	1
Other ^a	0	0	0	0
Subtotal	0	0	0	1
Total	153	147	142	168
Total cases^b	25,174	25,522	25,643	26,464

Note. These numbers do not represent actual cases in persons with a diagnosis of HIV/AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays and for redistribution of cases in persons initially reported without an identified risk. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

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

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

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

^b Includes persons of unknown race or multiple races and persons of unknown sex.

Table 2. Estimated numbers of diagnoses of HIV/AIDS, by race/ethnicity, sex, and age group, 1999–2002—30 with confidential name-based HIV infection reporting

Age at diagnosis (yrs)	Year of diagnosis			
	1999	2000	2001	2002
White, not Hispanic				
Male				
<13	7	6	9	12
13–19	49	58	60	61
20–24	340	323	372	407
25–34	2,020	1,865	1,804	1,858
35–44	2,584	2,752	2,707	2,885
45–54	1,019	1,196	1,215	1,283
55–64	268	309	381	397
≥65	93	72	102	95
Subtotal	6,379	6,581	6,651	6,999
Female				
<13	9	14	20	11
13–19	67	70	68	65
20–24	157	152	145	142
25–34	415	416	454	409
35–44	442	476	458	439
45–54	190	202	175	210
55–64	40	55	54	52
≥65	19	17	14	20
Subtotal	1,339	1,403	1,389	1,348
Total	7,718	7,984	8,040	8,347
Black, not Hispanic				
Male				
<13	70	53	65	54
13–19	178	208	238	272
20–24	623	727	786	742
25–34	2,488	2,281	2,172	2,206
35–44	3,270	3,145	3,089	3,221
45–54	1,578	1,595	1,706	1,760
55–64	481	502	481	554
≥65	152	168	181	172
Subtotal	8,839	8,680	8,716	8,979
Female				
<13	73	72	76	60
13–19	348	312	309	286
20–24	624	647	623	605
25–34	1,814	1,655	1,625	1,596
35–44	1,730	1,656	1,654	1,649
45–54	695	791	774	877
55–64	199	242	230	255
≥65	76	75	84	91
Subtotal	5,558	5,449	5,374	5,420
Total	14,397	14,129	14,090	14,398
Hispanic				
Male				
<13	10	8	13	7
13–19	20	27	33	61
20–24	132	166	183	173
25–34	754	796	784	906
35–44	765	869	851	919
45–54	265	293	340	378
55–64	79	98	101	122
≥65	25	39	34	41
Subtotal	2,051	2,297	2,339	2,607
Female				
<13	17	9	21	13
13–19	37	18	26	32
20–24	54	68	75	73
25–34	181	205	208	218
35–44	169	197	193	205
45–54	81	90	111	115

Table 2. (continued)

Age at diagnosis (yrs)	Year of diagnosis			
	1999	2000	2001	2002
Hispanic (continued)				
Female (continued)				
55–64	32	28	31	47
≥65	10	8	7	11
Subtotal	580	623	672	715
Total	2,631	2,920	3,012	3,321
Asian/Pacific Islander				
Male				
<13	0	0	0	1
13–19	0	3	0	2
20–24	8	5	7	1
25–34	39	54	39	54
35–44	28	43	36	41
45–54	11	8	20	11
55–64	2	4	4	7
≥65	3	0	0	1
Subtotal	91	118	105	119
Female				
<13	0	0	1	1
13–19	1	1	0	1
20–24	5	3	7	2
25–34	14	16	12	16
35–44	8	10	10	7
45–54	2	0	2	3
55–64	0	0	0	0
≥65	1	2	2	0
Subtotal	32	32	35	30
Total	123	150	140	149
American Indian/Alaska Native				
Male				
<13	0	0	0	1
13–19	3	0	1	2
20–24	11	13	6	8
25–34	39	31	41	38
35–44	35	45	40	47
45–54	17	8	17	9
55–64	3	2	4	9
≥65	1	2	1	1
Subtotal	109	101	110	115
Female				
<13	0	0	0	0
13–19	2	4	1	3
20–24	3	8	5	6
25–34	13	12	10	15
35–44	14	16	6	14
45–54	6	5	8	14
55–64	4	0	2	1
≥65	0	0	0	0
Subtotal	43	46	32	53
Total	153	147	142	168

Note. These numbers do not represent actual cases in persons with a diagnosis of HIV/AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

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

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

Table 3. Estimated distribution of adults and adolescents with a diagnosis of AIDS within 12 months of diagnosis of HIV infection, by race/ethnicity and sex, 2001—30 areas with confidential name-based HIV infection reporting

AIDS diagnoses						
Sex	≥12 Months after diagnosis of HIV infection		<12 Months after diagnosis of HIV infection		Total	
	No.	(%) ^a	No.	(%) ^a	No.	(%) ^a
White, not Hispanic						
Male	3,833	58	2,808	42	6,641	100
Female	963	70	406	30	1,369	100
Total	4,796	60	3,214	40	8,010	100
Black, not Hispanic						
Male	4,995	58	3,655	42	8,651	100
Female	3,520	66	1,778	34	5,298	100
Total	8,516	61	5,433	39	13,949	100
Hispanic						
Male	1,281	55	1,046	45	2,327	100
Female	413	63	238	37	651	100
Total	1,694	57	1,284	43	2,978	100
Asian/Pacific Islander						
Male	61	58	44	42	105	100
Female	21	61	14	39	34	100
Total	82	59	57	41	139	100
American Indian/Alaska Native						
Male	58	52	53	48	110	100
Female	16	51	16	49	32	100
Total	74	52	68	48	142	100
Total cases ^b	15,360	60	10,076	40	25,436	100

Note. These numbers do not represent actual cases in persons with a diagnosis of AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Data include persons in whom AIDS has developed and persons whose first diagnosis of HIV infection and the diagnosis of AIDS were made at the same time.

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

^a Percentages represent proportions of the total number of diagnoses of HIV infection made during 2001 for the corresponding group (see row entries).

^b Includes persons of unknown race or multiple races and persons of unknown sex.

Table 4. Estimated numbers of AIDS diagnoses, by race/ethnicity, sex, exposure category, and age category, 1998–2002—United States

Exposure category	Year of diagnosis					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
White, not Hispanic						
Male adult or adolescent						
Male-to-male sexual contact	8,329	7,637	7,406	7,178	7,320	251,275
Injection drug use	1,546	1,492	1,356	1,289	1,255	33,166
Male-to-male sexual contact and injection drug use	1,026	967	815	804	768	29,041
Heterosexual contact	593	559	555	521	644	8,222
Other ^b	160	156	155	141	127	7,989
Subtotal	11,654	10,810	10,288	9,932	10,113	329,692
Female adult or adolescent						
Injection drug use	776	731	715	656	683	14,594
Heterosexual contact	1,030	1,022	1,019	1,019	1,076	16,214
Other ^b	58	44	55	48	50	2,352
Subtotal	1,865	1,796	1,788	1,723	1,809	33,159
Total adults and adolescents	13,518	12,607	12,076	11,655	11,922	362,851
Child (<13 yrs)						
Perinatal	33	19	12	15	7	1,242
Other ^b	0	0	0	1	0	364
Subtotal	33	19	13	16	7	1,606
Total	13,552	12,626	12,088	11,671	11,929	364,457
Black, not Hispanic						
Male adult or adolescent						
Male-to-male sexual contact	5,687	5,534	5,462	5,712	6,015	103,003
Injection drug use	4,681	4,343	4,245	3,917	3,842	89,918
Male-to-male sexual contact and injection drug use	1,019	882	785	814	791	20,418
Heterosexual contact	2,496	2,608	2,735	2,949	3,122	30,595
Other ^b	149	129	139	142	162	4,440
Subtotal	14,032	13,496	13,366	13,534	13,933	248,373
Female adult or adolescent						
Injection drug use	2,310	2,137	2,157	2,073	1,983	40,166
Heterosexual contact	4,027	4,040	4,568	4,737	5,006	50,376
Other ^b	145	150	176	180	189	3,099
Subtotal	6,483	6,328	6,902	6,990	7,179	93,641
Total adults and adolescents	20,515	19,824	20,268	20,524	21,111	342,014
Child (<13 yrs)						
Perinatal	156	128	83	69	56	5,324
Other ^b	0	0	3	2	2	152
Subtotal	156	129	85	70	58	5,476
Total	20,671	19,953	20,353	20,594	21,169	347,490
Hispanic						
Male adult or adolescent						
Male-to-male sexual contact	3,058	2,913	2,910	3,068	3,202	60,300
Injection drug use	2,162	2,058	2,022	1,824	1,766	48,165
Male-to-male sexual contact and injection drug use	388	391	374	344	299	9,555
Heterosexual contact	903	902	899	1,007	1,077	11,325
Other ^b	62	71	67	67	65	1,613
Subtotal	6,573	6,334	6,272	6,310	6,410	130,958
Female adult or adolescent						
Injection drug use	627	618	621	628	469	12,666
Heterosexual contact	1,176	1,120	1,219	1,264	1,288	17,305
Other ^b	37	34	44	55	51	899
Subtotal	1,840	1,773	1,883	1,947	1,808	30,871
Total adults and adolescents	8,413	8,107	8,155	8,257	8,218	161,829
Child (<13 yrs)						
Perinatal	46	32	18	21	24	1,973
Other ^b	1	1	0	1	0	137
Subtotal	47	33	18	22	24	2,111
Total	8,460	8,140	8,173	8,279	8,242	163,940

Table 4. (continued)

Exposure category	Year of diagnosis					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
Asian/Pacific Islander						
Male adult or adolescent						
Male-to-male sexual contact	199	203	208	247	263	4,444
Injection drug use	36	40	33	46	43	547
Male-to-male sexual contact and injection drug use	12	15	13	13	18	266
Heterosexual contact	33	51	49	56	68	473
Other ^b	11	7	5	11	8	241
Subtotal	291	316	307	374	400	5,972
Female adult or adolescent						
Injection drug use	10	13	11	11	14	178
Heterosexual contact	43	45	63	51	55	582
Other ^b	2	5	4	3	7	133
Subtotal	55	63	79	65	76	893
Total adults and adolescents	346	379	385	439	477	6,864
Child (<13 yrs)						
Perinatal	0	1	2	2	1	45
Other ^b	0	0	0	0	0	14
Subtotal	0	1	2	2	1	59
Total	346	380	388	441	478	6,924
American Indian/Alaska Native						
Male adult or adolescent						
Male-to-male sexual contact	63	67	70	66	95	1,338
Injection drug use	32	25	26	33	26	398
Male-to-male sexual contact and injection drug use	21	18	17	33	18	404
Heterosexual contact	5	12	15	14	11	113
Other ^b	2	1	0	0	2	48
Subtotal	122	124	128	147	152	2,301
Female adult or adolescent						
Injection drug use	14	15	24	16	23	251
Heterosexual contact	20	24	32	22	29	262
Other ^b	0	2	1	4	2	29
Subtotal	34	41	57	41	54	543
Total adults and adolescents	156	164	185	188	206	2,844
Child (<13 yrs)						
Perinatal	1	0	0	0	0	29
Other ^b	0	0	0	0	0	2
Subtotal	1	0	0	0	0	31
Total	157	164	185	188	206	2,875
Total cases^c	43,225	41,314	41,239	41,227	42,136	886,575

Note. These numbers do not represent actual cases in persons with a diagnosis of AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays and for redistribution of cases in persons initially reported without an identified risk. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

^a Includes persons with a diagnosis of AIDS, from the beginning of the epidemic through 2002.

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

^c Includes persons of unknown race or multiple races and persons of unknown sex.

Table 5. Estimated numbers of AIDS diagnoses, by race/ethnicity, sex, and age group, 1998–2002—United States

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
White, not Hispanic						
Male						
<13	16	7	3	6	1	888
13–19	16	22	27	26	23	965
20–24	184	173	159	134	172	8,247
25–34	3,284	2,726	2,273	2,103	1,987	114,076
35–44	5,121	4,877	4,758	4,527	4,666	132,584
45–54	2,239	2,245	2,280	2,329	2,370	53,603
55–64	636	597	619	633	726	15,668
≥65	173	170	172	180	169	4,548
Subtotal	11,670	10,818	10,291	9,938	10,115	330,580
Female						
<13	17	12	9	10	6	718
13–19	21	18	19	21	28	339
20–24	119	74	80	65	77	1,904
25–34	587	556	479	480	450	12,444
35–44	723	711	748	699	732	11,657
45–54	280	311	326	341	396	4,230
55–64	73	76	100	85	96	1,487
≥65	62	50	36	33	30	1,098
Subtotal	1,882	1,809	1,797	1,733	1,815	33,877
Total	13,552	12,626	12,088	11,671	11,929	364,457
Black, not Hispanic						
Male						
<13	77	66	38	35	35	2,737
13–19	69	71	90	116	138	1,241
20–24	371	381	396	439	507	8,383
25–34	3,769	3,312	3,042	2,941	2,847	77,528
35–44	5,756	5,643	5,560	5,537	5,713	101,840
45–54	2,996	3,013	3,095	3,321	3,470	43,338
55–64	789	812	887	894	977	12,339
≥65	281	264	296	286	281	3,703
Subtotal	14,110	13,562	13,404	13,569	13,967	251,110
Female						
<13	78	62	47	35	23	2,739
13–19	109	112	124	116	118	1,468
20–24	374	341	369	373	399	5,481
25–34	2,089	1,972	2,033	1,960	1,880	33,078
35–44	2,541	2,483	2,663	2,735	2,676	35,976
45–54	1,011	1,048	1,243	1,360	1,555	12,767
55–64	270	271	340	341	416	3,590
≥65	89	101	129	106	136	1,281
Subtotal	6,561	6,390	6,949	7,025	7,202	96,380
Total	20,671	19,953	20,353	20,594	21,169	347,490
Hispanic						
Male						
<13	26	15	10	11	8	1,092
13–19	42	42	44	38	40	653
20–24	206	213	222	222	254	4,931
25–34	2,199	2,070	1,805	1,837	1,825	48,723
35–44	2,573	2,539	2,565	2,543	2,599	50,610
45–54	1,118	1,033	1,194	1,169	1,187	18,763
55–64	328	330	331	370	380	5,618
≥65	107	107	111	131	125	1,660
Subtotal	6,599	6,350	6,283	6,321	6,419	132,051
Female						
<13	21	17	7	11	16	1,018
13–19	24	33	34	32	28	373
20–24	85	76	91	111	91	1,816
25–34	565	516	544	517	489	11,673

Table 5. (continued)

Age at diagnosis (yrs)	Year of diagnosis					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
Hispanic (continued)						
Female (continued)						
35–44	736	689	728	747	683	11,097
45–54	290	320	341	377	346	4,106
55–64	108	106	119	115	130	1,382
≥65	32	34	27	47	41	424
Subtotal	1,861	1,790	1,891	1,958	1,824	31,889
Total	8,460	8,140	8,173	8,279	8,242	163,940
Asian/Pacific Islander						
Male						
<13	0	0	0	1	1	31
13–19	2	3	1	2	1	32
20–24	9	11	7	7	11	199
25–34	101	113	96	116	108	2,010
35–44	115	114	139	151	166	2,364
45–54	47	57	46	67	83	988
55–64	16	10	12	28	26	296
≥65	1	6	5	2	5	83
Subtotal	291	316	307	375	402	6,003
Female						
<13	0	1	2	1	0	28
13–19	0	0	1	0	2	10
20–24	5	1	4	5	6	55
25–34	17	19	29	24	21	301
35–44	21	32	23	21	27	304
45–54	4	5	12	11	10	126
55–64	7	3	5	3	8	64
≥65	1	3	3	1	1	32
Subtotal	55	64	81	66	76	921
Total	346	380	388	441	478	6,924
American Indian/Alaska Native						
Male						
<13	1	0	0	0	0	18
13–19	3	2	0	0	0	23
20–24	1	7	6	3	7	98
25–34	43	42	44	59	38	975
35–44	55	50	50	58	73	883
45–54	12	16	20	19	29	240
55–64	4	5	2	8	5	66
≥65	3	1	5	1	0	17
Subtotal	123	124	128	147	152	2,319
Female						
<13	0	0	0	0	0	13
13–19	1	2	0	0	0	4
20–24	1	2	6	3	3	41
25–34	9	5	17	13	15	195
35–44	14	17	25	10	17	179
45–54	5	6	9	13	18	95
55–64	3	7	0	2	0	23
≥65	1	1	0	0	1	5
Subtotal	34	41	57	41	54	556
Total	157	164	185	188	206	2,875

Note. These numbers do not represent actual cases in persons with a diagnosis of AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

^a Includes persons with a diagnosis of AIDS, from the beginning of the epidemic through 2002.

Table 6. Estimated numbers of AIDS diagnoses, by race/ethnicity and region of residence, 1998–2002—United States

Region of residence	Year of diagnosis					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
White, not Hispanic						
Northeast	2,876	2,882	2,932	2,552	2,577	84,889
Midwest	1,713	1,681	1,599	1,616	1,686	45,628
South	5,197	4,704	4,426	4,507	4,565	121,979
West	3,759	3,357	3,130	2,994	3,098	111,851
U.S. dependencies, possessions, and associated nations	7	3	2	1	3	111
Total	13,553	12,626	12,088	11,671	11,929	364,458
Black, not Hispanic						
Northeast	5,914	5,905	6,296	5,978	5,640	120,624
Midwest	1,972	1,994	2,185	2,217	2,447	35,319
South	11,328	10,689	10,496	11,076	11,756	163,411
West	1,427	1,344	1,350	1,292	1,304	27,765
U.S. dependencies, possessions, and associated nations	30	20	26	32	22	372
Total	20,672	19,953	20,353	20,594	21,169	347,491
Hispanic						
Northeast	2,987	2,948	3,035	2,812	2,548	65,633
Midwest	335	337	392	413	487	6,179
South	1,812	1,672	1,658	1,968	2,048	30,107
West	1,887	1,909	1,874	1,790	1,934	33,640
U.S. dependencies, possessions, and associated nations	1,438	1,274	1,216	1,295	1,225	28,381
Total	8,460	8,140	8,173	8,279	8,242	163,940
Asian/Pacific Islander						
Northeast	81	95	109	98	107	1,543
Midwest	18	28	29	36	52	402
South	49	60	66	63	67	797
West	193	190	183	234	247	4,115
U.S. dependencies, possessions, and associated nations	5	7	1	11	5	66
Total	346	380	388	441	478	6,924
American Indian/Alaska Native						
Northeast	7	11	15	17	18	225
Midwest	21	22	25	20	28	373
South	31	44	54	55	48	716
West	98	87	91	96	112	1,560
U.S. dependencies, possessions, and associated nations	0	0	0	0	0	0
Total	157	164	185	188	206	2,875
Total Cases ^b						
Northeast	11,879	11,856	12,400	11,460	10,909	273,248
Midwest	4,061	4,065	4,234	4,305	4,707	87,931
South	18,429	17,184	16,714	17,696	18,546	317,244
West	7,375	6,903	6,646	6,427	6,719	179,212
U.S. dependencies, possessions, and associated nations	1,482	1,305	1,245	1,339	1,256	28,941
Total	43,225	41,314	41,239	41,227	42,136	886,575

Note. These numbers do not represent actual cases in persons with a diagnosis of AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

^a Includes persons with a diagnosis of AIDS, from the beginning of the epidemic through 2002.

^b Includes persons of unknown race or multiple races.

Table 7. Estimated numbers of diagnoses and rates (per 100,000 population) of AIDS by race/ethnicity, age category, and sex, 2002—United States

Age category	Year of diagnosis									
	1998		1999		2000		2001		2002	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
White, not Hispanic										
Adult or adolescent										
Male	11,631	14.6	10,788	13.5	10,270	12.8	9,907	12.3	10,095	12.4
Female	1,861	2.2	1,791	2.1	1,782	2.1	1,717	2.0	1,801	2.1
Subtotal	13,492	8.2	12,579	7.6	12,052	7.3	11,624	7.0	11,896	7.1
Child(<13 yrs)	33	0.1	19	0.1	13	0.0	16	0.0	7	0.0
Total	13,525	6.9	12,598	6.4	12,064	6.1	11,639	5.9	11,903	6.0
Black, not Hispanic										
Adult or adolescent										
Male	14,008	115.6	13,456	109.0	13,325	106.0	13,482	105.4	13,890	106.7
Female	6,466	46.2	6,314	44.4	6,883	47.6	6,967	47.5	7,159	48.0
Subtotal	20,475	78.5	19,769	74.4	20,208	74.8	20,449	74.5	21,049	75.4
Child(<13 yrs)	155	1.9	127	1.6	85	1.0	70	0.9	57	0.7
Total	20,630	60.4	19,897	57.3	20,293	57.6	20,519	57.5	21,106	58.4
Hispanic										
Adult or adolescent										
Male	5,514	45.0	5,412	42.1	5,403	39.8	5,360	37.6	5,508	36.9
Female	1,464	12.6	1,420	11.7	1,530	12.0	1,591	11.9	1,471	10.6
Subtotal	6,978	29.3	6,832	27.3	6,933	26.3	6,951	25.2	6,979	24.2
Child(<13 yrs)	41	0.5	31	0.3	16	0.2	21	0.2	19	0.2
Total	7,020	21.7	6,863	20.2	6,949	19.5	6,971	18.7	6,998	18.1
Asian/Pacific Islander										
Adult or adolescent										
Male	287	7.1	308	7.2	304	6.7	361	7.7	397	8.2
Female	54	1.2	62	1.3	79	1.6	63	1.2	75	1.4
Subtotal	341	4.0	371	4.1	382	4.1	424	4.3	471	4.6
Child(<13 yrs)	0	0	1	0.1	2	0.1	2	0.1	1	0.1
Total	341	3.3	372	3.4	384	3.4	426	3.6	473	3.8
American Indian/Alaska Native										
Adult or adolescent										
Male	122	15.0	124	14.7	126	14.3	147	16.4	151	16.5
Female	34	4.0	40	4.5	57	6.2	41	4.4	54	5.6
Subtotal	156	9.4	163	9.5	183	10.2	188	10.3	205	11.0
Child(<13 yrs)	1	0.2	0	0	0	0	0	0	0	0
Total	157	7.1	163	7.2	183	7.8	188	7.9	205	8.5
Total cases^a	41,709	15.1	39,943	14.3	39,924	14.1	39,796	13.9	40,793	14.1

Note. These numbers do not represent actual cases in persons with a diagnosis of AIDS. Rather, these numbers are point estimates of cases diagnosed that have been adjusted for reporting delays. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Data exclude cases from the U.S. dependencies, possessions, and associated nations, as well as cases in persons whose state or area of residence is unknown, because of the lack of census information by race and age categories for these areas.

^a Includes persons of unknown race or multiple races.

Table 8. Estimated numbers of persons living with HIV infection (not AIDS), by race/ethnicity, sex, exposure category, and age category at diagnosis, 1999–2002—30 areas with confidential name-based HIV infection reporting

Exposure category	Year			
	1999	2000	2001	2002
White, not Hispanic				
Male adult or adolescent				
Male-to-male sexual contact	27,357	29,049	30,897	32,941
Injection drug use	3,812	3,938	4,059	4,199
Male-to-male sexual contact and injection drug use	3,708	3,748	3,786	3,832
Heterosexual contact	1,598	1,719	1,861	1,999
Other ^a	489	495	501	507
Subtotal	36,964	38,949	41,104	43,479
Female adult or adolescent				
Injection drug use	2,671	2,821	2,935	3,054
Heterosexual contact	4,798	5,228	5,671	6,074
Other ^a	148	150	153	163
Subtotal	7,617	8,200	8,759	9,292
Total adults and adolescents	44,581	47,149	49,863	52,770
Child (<13 yrs)				
Perinatal	250	262	280	295
Other ^a	100	98	94	80
Subtotal	350	360	374	375
Total	44,931	47,509	50,237	53,145
Black, not Hispanic				
Male adult or adolescent				
Male-to-male sexual contact	17,804	19,144	20,494	21,941
Injection drug use	9,411	9,612	9,730	9,914
Male-to-male sexual contact and injection drug use	2,853	2,879	2,890	2,896
Heterosexual contact	7,859	8,757	9,605	10,380
Other ^a	349	365	388	397
Subtotal	38,276	40,757	43,108	45,528
Female adult or adolescent				
Injection drug use	5,526	5,685	5,847	5,974
Heterosexual contact	16,099	18,031	19,870	21,800
Other ^a	352	385	396	415
Subtotal	21,977	24,101	26,114	28,189
Total adults and adolescents	60,253	64,858	69,221	73,717
Child (<13 yrs)				
Perinatal	947	1,020	1,107	1,171
Other ^a	113	111	101	100
Subtotal	1,061	1,131	1,208	1,271
Total	61,313	65,989	70,429	74,988
Hispanic				
Male adult or adolescent				
Male-to-male sexual contact	3,668	4,227	4,791	5,561
Injection drug use	1,848	1,929	2,032	2,134
Male-to-male sexual contact and injection drug use	483	519	543	553
Heterosexual contact	901	1,076	1,235	1,404
Other ^a	48	56	65	68
Subtotal	6,949	7,807	8,665	9,720
Female adult or adolescent				
Injection drug use	670	713	733	755
Heterosexual contact	1,580	1,812	2,057	2,346
Other ^a	37	44	50	59
Subtotal	2,287	2,569	2,840	3,160
Total adults and adolescents	9,236	10,376	11,506	12,880
Child (<13 yrs)				
Perinatal	128	141	163	173
Other ^a	20	20	19	16
Subtotal	148	161	182	189
Total	9,384	10,537	11,688	13,069

Table 8. (continued)

Exposure category	Year			
	1999	2000	2001	2002
Asian/Pacific Islander				
Male adult or adolescent				
Male-to-male sexual contact	208	249	275	313
Injection drug use	35	44	53	64
Male-to-male sexual contact and injection drug use	14	16	19	20
Heterosexual contact	41	47	55	66
Other ^a	4	5	4	5
Subtotal	301	361	405	468
Female adult or adolescent				
Injection drug use	19	22	25	25
Heterosexual contact	90	101	116	132
Other ^a	2	2	4	5
Subtotal	111	125	145	162
Total adults and adolescents	412	486	551	630
Child (<13 yrs)				
Perinatal	7	7	7	9
Other ^a	5	5	5	5
Subtotal	12	12	12	14
Total	424	498	563	644
American Indian/Alaska Native				
Male adult or adolescent				
Male-to-male sexual contact	319	336	359	373
Injection drug use	87	87	86	86
Male-to-male sexual contact and injection drug use	86	90	84	85
Heterosexual contact	40	46	47	51
Other ^a	2	2	2	3
Subtotal	535	562	578	597
Female adult or adolescent				
Injection drug use	69	73	74	79
Heterosexual contact	108	120	128	141
Other ^a	1	1	1	1
Subtotal	178	193	203	220
Total adults and adolescents	712	755	781	818
Child (<13 yrs)				
Perinatal	8	8	8	9
Other ^a	3	3	3	3
Subtotal	11	11	11	12
Total	723	766	792	830
Total cases^b	117,844	126,541	135,141	144,129

Note. These numbers do not represent actual cases in persons living with HIV infection (not AIDS). Rather, these numbers are point estimates of persons living with HIV infection(not AIDS) that have been adjusted for reporting delays and for redistribution of cases in persons initially reported without an identified risk. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

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

^b Includes persons of unknown race or multiple races and persons of unknown sex.

Table 9. Estimated numbers of persons living with AIDS, by race/ethnicity, sex, exposure category, and age category at diagnosis, 1998–2002—United States

Exposure category	Year				
	1998	1999	2000	2001	2002
White, not Hispanic					
Male adult or adolescent					
Male-to-male sexual contact	74,812	79,067	83,434	87,762	92,528
Injection drug use	10,847	11,568	12,209	12,798	13,377
Male-to-male sexual contact and injection drug use	9,698	10,081	10,352	10,624	10,966
Heterosexual contact	2,947	3,339	3,721	4,062	4,536
Other ^a	1,874	1,933	1,973	2,023	2,077
Subtotal	100,178	105,989	111,690	117,269	123,486
Female adult or adolescent					
Injection drug use	5,659	5,979	6,291	6,573	6,911
Heterosexual contact	6,396	7,075	7,784	8,503	9,293
Other ^a	470	488	526	551	579
Subtotal	12,526	13,542	14,600	15,626	16,783
Total adults and adolescents	112,703	119,531	126,291	132,895	140,268
Child (<13 yrs)					
Perinatal	493	498	498	504	506
Other ^a	70	64	61	60	59
Subtotal	563	562	559	565	566
Total	113,266	120,093	126,850	133,460	140,834
Black, not Hispanic					
Male adult or adolescent					
Male-to-male sexual contact	32,696	36,018	39,349	42,914	46,920
Injection drug use	28,845	30,606	32,519	34,101	35,691
Male-to-male sexual contact and injection drug use	7,152	7,508	7,780	8,082	8,421
Heterosexual contact	10,403	12,115	13,917	15,890	18,075
Other ^a	1,402	1,468	1,538	1,622	1,728
Subtotal	80,498	87,715	95,102	102,609	110,836
Female adult or adolescent					
Injection drug use	14,037	14,910	15,880	16,754	17,497
Heterosexual contact	17,866	20,497	23,610	26,771	30,254
Other ^a	925	1,011	1,127	1,246	1,382
Subtotal	32,828	36,418	40,618	44,772	49,133
Total adults and adolescents	113,327	124,133	135,720	147,381	159,969
Child (<13 yrs)					
Perinatal	2,273	2,323	2,364	2,382	2,397
Other ^a	43	42	45	45	46
Subtotal	2,316	2,366	2,408	2,427	2,443
Total	115,643	126,498	138,128	149,808	162,412
Hispanic					
Male adult or adolescent					
Male-to-male sexual contact	20,390	22,384	24,445	26,633	29,073
Injection drug use	15,645	16,583	17,536	18,289	18,976
Male-to-male sexual contact and injection drug use	3,142	3,336	3,494	3,640	3,748
Heterosexual contact	4,105	4,729	5,383	6,099	6,913
Other ^a	476	505	550	593	632
Subtotal	43,758	47,537	51,408	55,253	59,343
Female adult or adolescent					
Injection drug use	4,555	4,782	5,070	5,339	5,479
Heterosexual contact	6,580	7,335	8,202	9,075	9,986
Other ^a	276	299	326	367	402
Subtotal	11,411	12,415	13,597	14,781	15,867
Total adults and adolescents	55,169	59,952	65,005	70,034	75,210

Table 9. (continued)

Exposure category	Year				
	1998	1999	2000	2001	2002
Hispanic (continued)					
Child (<13 yrs)					
Perinatal	772	775	778	792	803
Other ^a	39	40	39	39	38
Subtotal	811	815	817	831	841
Total	55,980	60,767	65,823	70,865	76,052
Asian/Pacific Islander					
Male adult or adolescent					
Male-to-male sexual contact	1,484	1,622	1,778	1,961	2,167
Injection drug use	185	212	231	268	304
Male-to-male sexual contact and injection drug use	96	106	115	125	140
Heterosexual contact	144	181	219	266	326
Other ^a	67	74	76	81	84
Subtotal	1,976	2,195	2,420	2,700	3,021
Female adult or adolescent					
Injection drug use	65	73	78	83	91
Heterosexual contact	213	246	297	340	390
Other ^a	42	46	46	48	52
Subtotal	320	365	421	471	533
Total adults and adolescents	2,296	2,560	2,841	3,171	3,555
Child (<13 yrs)					
Perinatal	17	17	17	17	18
Other ^a	1	1	1	1	1
Subtotal	18	18	18	18	19
Total	2,314	2,578	2,858	3,189	3,574
American Indian/Alaska Native					
Male adult or adolescent					
Male-to-male sexual contact	451	486	535	576	642
Injection drug use	145	156	167	188	197
Male-to-male sexual contact and injection drug use	151	162	170	186	194
Heterosexual contact	35	42	55	64	72
Other ^a	18	17	17	18	19
Subtotal	799	863	944	1,032	1,125
Female adult or adolescent					
Injection drug use	89	95	111	119	133
Heterosexual contact	84	97	125	144	169
Other ^a	5	7	8	11	13
Subtotal	178	199	243	274	315
Total adults and adolescents	978	1,063	1,187	1,306	1,440
Child (<13 yrs)					
Perinatal	11	11	11	10	10
Other ^a	0	0	0	0	0
Subtotal	11	11	11	10	10
Total	989	1,074	1,198	1,316	1,450
Total cases^b	288,565	311,424	335,316	359,141	384,906

Note. These numbers do not represent actual cases in persons living with AIDS. Rather, these numbers are point estimates of persons living with AIDS that have been adjusted for reporting delays and for redistribution of cases in persons initially reported without an identified risk. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

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

^b Includes persons of unknown race or multiple races and persons of unknown sex.

Table 10. Estimated numbers of persons living with AIDS, by race/ethnicity and region of residence, 1998–2002—United States

Region of residence	Year				
	1998	1999	2000	2001	2002
White, not Hispanic					
Northeast	24,842	26,400	28,239	29,665	31,163
Midwest	14,451	15,442	16,349	17,286	18,436
South	39,378	41,952	44,308	46,870	49,700
West	34,554	36,256	37,910	39,596	41,488
U.S. dependencies possessions, and associated nations	42	43	45	44	47
Total	113,267	120,094	126,851	133,461	140,835
Black, not Hispanic					
Northeast	37,936	40,779	44,348	47,497	50,160
Midwest	11,695	12,797	14,132	15,448	17,208
South	56,252	62,416	68,320	74,757	82,092
West	9,659	10,402	11,207	11,956	12,793
U.S. dependencies possessions, and associated nations	101	106	123	151	158
Total	115,644	126,499	138,129	149,808	162,412
Hispanic					
Northeast	22,684	24,241	26,047	27,579	28,783
Midwest	2,170	2,405	2,694	3,010	3,432
South	10,634	11,731	12,790	14,185	15,755
West	12,067	13,383	14,746	15,992	17,448
U.S. dependencies possessions, and associated nations	8,425	9,008	9,546	10,100	10,634
Total	55,980	60,767	65,823	70,865	76,052
Asian/Pacific Islander					
Northeast	520	589	663	738	832
Midwest	129	150	174	205	250
South	273	317	371	416	471
West	1,372	1,496	1,623	1,796	1,985
U.S. dependencies possessions, and associated nations	20	26	27	34	37
Total	2,314	2,578	2,858	3,189	3,574
American Indian/Alaska Native					
Northeast	76	81	91	104	119
Midwest	120	134	149	156	166
South	233	262	303	338	377
West	560	596	655	718	788
U.S. dependencies possessions, and associated nations	0	0	0	0	0
Total	989	1,074	1,198	1,316	1,450
Total cases^a					
Northeast	86,237	92,280	99,590	105,787	111,277
Midwest	28,577	30,941	33,517	36,125	39,516
South	106,857	116,778	126,203	136,698	148,573
West	58,296	62,232	66,255	70,193	74,652
U.S. dependencies possessions, and associated nations	8,597	9,193	9,751	10,338	10,887
Total	288,565	311,424	335,316	359,141	384,906

Note: These numbers do not represent actual cases in persons living with AIDS. Rather, these numbers are point estimates of persons living with AIDS that have been adjusted for reporting delays. The estimates have not been adjusted for incomplete reporting. Because column totals were calculated independently of the values for the subpopulations, the values in each column may not sum to the column total.

^a Includes persons of unknown race or multiple races.

Table 11. Reported cases of HIV/AIDS for male adults and adolescents, by race/ethnicity and exposure category, 1999–2002—30 areas with confidential name-based HIV infection reporting

Exposure category	Year of report			
	1999	2000	2001	2002
White, not Hispanic				
Male-to-male sexual contact	5,480	4,859	5,063	5,095
Injection drug use	695	549	572	475
Male-to-male sexual contact and injection drug use	553	469	369	358
Hemophilia/coagulation disorder	36	29	24	17
Heterosexual contact	368	296	308	242
<i>Sex with injection drug user</i>	84	82	56	59
<i>Sex with person with hemophilia</i>	0	2	0	0
<i>Sex with HIV-infected transfusion recipient</i>	2	1	3	4
<i>Sex with HIV-infected person, risk not specified</i>	282	211	249	179
Receipt of blood transfusion, blood components, or tissue	40	32	34	31
Other/risk not reported or identified ^a	1,297	1,263	1,264	1,776
Total	8,469	7,497	7,634	7,994
Black, not Hispanic				
Male-to-male sexual contact	3,052	2,810	2,877	2,716
Injection drug use	1,364	1,185	933	787
Male-to-male sexual contact and injection drug use	334	238	249	188
Hemophilia/coagulation disorder	14	5	7	4
Heterosexual contact	1,762	1,649	1,517	1,254
<i>Sex with injection drug user</i>	279	225	215	147
<i>Sex with person with hemophilia</i>	6	1	3	1
<i>Sex with HIV-infected transfusion recipient</i>	9	5	8	12
<i>Sex with HIV-infected person, risk not specified</i>	1,468	1,418	1,291	1,094
Receipt of blood transfusion, blood components, or tissue	43	38	24	29
Other/risk not reported or identified ^a	3,307	3,048	3,282	3,915
Total	9,876	8,973	8,889	8,893
Hispanic				
Male-to-male sexual contact	1,134	1,062	1,115	1,224
Injection drug use	335	314	324	257
Male-to-male sexual contact and injection drug use	96	78	68	57
Hemophilia/coagulation disorder	1	2	0	2
Heterosexual contact	241	209	242	207
<i>Sex with injection drug user</i>	42	42	32	34
<i>Sex with person with hemophilia</i>	0	0	0	1
<i>Sex with HIV-infected transfusion recipient</i>	0	3	2	2
<i>Sex with HIV-infected person, risk not specified</i>	199	164	208	170
Receipt of blood transfusion, blood components, or tissue	8	4	5	8
Other/risk not reported or identified ^a	604	654	677	787
Total	2,419	2,323	2,431	2,542
Asian/Pacific Islander				
Male-to-male sexual contact	60	42	58	64
Injection drug use	4	4	7	2
Male-to-male sexual contact and injection drug use	1	1	3	2
Hemophilia/coagulation disorder	0	0	0	1
Heterosexual contact	13	10	9	8
<i>Sex with injection drug user</i>	3	0	0	0
<i>Sex with person with hemophilia</i>	0	0	0	0
<i>Sex with HIV-infected transfusion recipient</i>	0	0	1	0
<i>Sex with HIV-infected person, risk not specified</i>	10	10	8	8
Receipt of blood transfusion, blood components, or tissue	1	0	1	0
Other/risk not reported or identified ^a	21	44	37	45
Total	100	101	115	122

Table 11. (continued)

Exposure category	Year of report			
	1999	2000	2001	2002
American Indian/Alaska Native				
Male-to-male sexual contact	77	65	55	68
Injection drug use	17	15	17	15
Male-to-male sexual contact and injection drug use	19	10	21	8
Hemophilia/coagulation disorder	0	0	0	0
Heterosexual contact	13	10	11	8
<i>Sex with injection drug user</i>	3	3	5	3
<i>Sex with person with hemophilia</i>	0	0	0	0
<i>Sex with HIV-infected transfusion recipient</i>	1	0	0	0
<i>Sex with HIV-infected person, risk not specified</i>	9	7	6	5
Receipt of blood transfusion, blood components, or tissue	1	0	1	0
Other/risk not reported or identified ^a	22	13	17	18
Total	149	113	122	117
Total cases^b	21,112	19,143	19,406	19,678

Data include male adults and adolescents with a diagnosis of HIV infection. This includes male adults and adolescents with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

^a Includes hemophilia, blood transfusion, perinatal, and risk not reported or not identified.

^b Includes male adults and adolescents of unknown race or multiple races.

Table 12. Reported cases of HIV/AIDS for female adults and adolescents by race/ethnicity and exposure category, 1999–2002—30 areas with confidential name-based HIV infection reporting

Exposure category	Year of report			
	1999	2000	2001	2002
White, not Hispanic				
Injection drug use	405	360	338	249
Hemophilia/coagulation disorder	2	1	1	0
Heterosexual contact	813	687	686	587
<i>Sex with injection drug user</i>	243	174	191	146
<i>Sex with bisexual male</i>	80	55	56	48
<i>Sex with person with hemophilia</i>	8	9	7	7
<i>Sex with HIV-infected transfusion recipient</i>	6	7	4	8
<i>Sex with HIV-infected person, risk not specified</i>	476	442	428	378
Receipt of blood transfusion, blood components, or tissue	23	15	11	6
Other/risk not reported or identified ^a	441	467	489	678
Total	1,684	1,530	1,525	1,520
Black, not Hispanic				
Injection drug use	750	612	516	382
Hemophilia/coagulation disorder	3	7	2	2
Heterosexual contact	2,928	2,707	2,493	2,059
<i>Sex with injection drug user</i>	497	457	358	295
<i>Sex with bisexual male</i>	157	132	127	111
<i>Sex with person with hemophilia</i>	8	10	3	6
<i>Sex with HIV-infected transfusion recipient</i>	11	7	12	10
<i>Sex with HIV-infected person, risk not specified</i>	2,255	2,101	1,993	1,637
Receipt of blood transfusion, blood components, or tissue	53	48	40	33
Other/risk not reported or identified ^a	2,323	2,222	2,292	2,931
Total	6,057	5,596	5,343	5,407
Hispanic				
Injection drug use	103	83	93	64
Hemophilia/coagulation disorder	0	0	0	0
Heterosexual contact	358	310	361	309
<i>Sex with injection drug user</i>	91	72	85	62
<i>Sex with bisexual male</i>	17	22	18	17
<i>Sex with person with hemophilia</i>	0	0	0	1
<i>Sex with HIV-infected transfusion recipient</i>	3	0	2	4
<i>Sex with HIV-infected person, risk not specified</i>	247	216	256	225
Receipt of blood transfusion, blood components, or tissue	7	8	6	5
Other/risk not reported or identified ^a	182	202	221	312
Total	650	603	681	690
Asian/Pacific Islander				
Injection drug use	2	2	0	0
Hemophilia/coagulation disorder	0	0	0	0
Heterosexual contact	13	19	15	16
<i>Sex with injection drug user</i>	2	1	1	0
<i>Sex with bisexual male</i>	0	2	1	1
<i>Sex with person with hemophilia</i>	0	0	0	0
<i>Sex with HIV-infected transfusion recipient</i>	0	0	2	0
<i>Sex with HIV-infected person, risk not specified</i>	11	16	11	15
Receipt of blood transfusion, blood components, or tissue	0	1	2	0
Other/risk not reported or identified ^a	17	17	16	21
Total	32	39	33	37

Table 12. (continued)

Exposure category	Year of report			
	1999	2000	2001	2002
American Indian/Alaska Native				
Injection drug use	10	12	8	12
Hemophilia/coagulation disorder	0	0	0	0
Heterosexual contact	21	28	11	23
<i>Sex with injection drug user</i>	5	12	6	5
<i>Sex with bisexual male</i>	0	5	0	2
<i>Sex with person with hemophilia</i>	1	1	0	0
<i>Sex with HIV-infected transfusion recipient</i>	2	0	0	0
<i>Sex with HIV-infected person, risk not specified</i>	13	10	5	16
Receipt of blood transfusion, blood components, or tissue	1	1	0	2
Other/risk not reported or identified ^a	9	8	11	10
Total	41	49	30	47
Total cases^b	8,496	7,872	7,687	7,706

Data include female adults and adolescents with a diagnosis of HIV infection. This includes female adults and adolescents with a diagnosis of HIV infection (not AIDS), a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

^a Includes hemophilia, blood transfusion, perinatal, and risk not reported or not identified.

^b Includes female adults and adolescents of unknown race or multiple races.

Table 13. Reported cases of HIV/AIDS, by race/ethnicity, sex, and age group, 1999–2002—30 areas with confidential name-based HIV infection reporting

Age at diagnosis (yrs)	Year of report			
	1999	2000	2001	2002
White, not Hispanic				
Male				
<13	27	21	20	19
13–19	101	94	84	76
20–24	576	468	502	567
25–34	3,051	2,454	2,362	2,402
35–44	3,159	2,920	2,971	3,178
45–54	1,200	1,183	1,256	1,294
55–64	288	308	362	375
≥65	94	70	97	102
Subtotal	8,496	7,518	7,654	8,013
Female				
<13	20	13	22	22
13–19	90	81	79	89
20–24	218	186	184	176
25–34	606	479	525	475
35–44	515	505	479	474
45–54	195	210	184	230
55–64	42	48	58	56
≥65	18	21	16	20
Subtotal	1,704	1,543	1,547	1,542
Total	10,200	9,061	9,201	9,555
Black, not Hispanic				
Male				
<13	78	69	83	62
13–19	218	192	251	287
20–24	737	760	837	793
25–34	2,957	2,543	2,333	2,319
35–44	3,683	3,230	3,147	3,165
45–54	1,616	1,583	1,690	1,665
55–64	497	502	469	500
≥65	168	163	162	164
Subtotal	9,954	9,042	8,972	8,955
Female				
<13	94	91	86	86
13–19	400	344	319	302
20–24	734	692	617	620
25–34	2,069	1,809	1,677	1,652
35–44	1,871	1,705	1,670	1,668
45–54	708	752	749	833
55–64	195	220	247	244
≥65	81	74	64	88
Subtotal	6,152	5,687	5,429	5,493
Total	16,106	14,729	14,401	14,448
Hispanic				
Male				
<13	13	13	13	13
13–19	27	32	37	60
20–24	176	174	196	203
25–34	935	847	866	925
35–44	885	846	856	877
45–54	284	291	348	334
55–64	87	90	98	104
≥65	25	43	30	39
Subtotal	2,432	2,336	2,444	2,555
Female				
<13	18	13	16	15
13–19	36	21	21	32
20–24	69	77	79	75
25–34	234	212	233	218

Table 13. (continued)

Age at diagnosis (yrs)	Year of report			
	1999	2000	2001	2002
Hispanic (continued)				
Female (continued)				
35–44	186	177	212	202
45–54	82	83	102	117
55–64	32	29	27	37
≥65	11	4	7	9
Subtotal	668	616	697	705
Total	3,100	2,952	3,141	3,260
Asian/Pacific Islander				
Male				
<13	0	0	1	1
13–19	2	2	1	3
20–24	14	7	5	6
25–34	44	46	48	54
35–44	25	37	42	34
45–54	9	7	15	17
55–64	3	2	3	5
≥65	3	0	1	3
Subtotal	100	101	116	123
Female				
<13	0	1	1	1
13–19	1	1	0	1
20–24	5	6	6	5
25–34	12	21	11	18
35–44	10	8	12	9
45–54	4	0	1	4
55–64	0	0	1	0
≥65	0	3	2	0
Subtotal	32	40	34	38
Total	132	141	150	161
American Indian/Alaska Native				
Male				
<13	0	0	0	1
13–19	4	3	4	1
20–24	16	18	9	10
25–34	69	33	43	39
35–44	39	44	44	49
45–54	17	11	18	8
55–64	4	2	3	8
≥65	0	2	1	2
Subtotal	149	113	122	118
Female				
<13	1	0	0	0
13–19	1	3	1	3
20–24	4	9	6	4
25–34	12	19	9	10
35–44	14	11	7	17
45–54	7	5	5	12
55–64	3	2	2	1
≥65	0	0	0	0
Subtotal	42	49	30	47
Total	191	162	152	165

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

Since 1998, the following 30 areas have had laws or regulations requiring confidential name-based HIV infection reporting: Alabama, Arkansas, Arizona, Florida, Colorado, Iowa, Idaho, Indiana, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, Wisconsin, West Virginia, Wyoming, and the U.S. Virgin Islands. Since July 1997, Florida has had confidential name-based HIV infection reporting only for new diagnoses.

Table 14. Reported cases of AIDS for male adults and adolescents by race/ethnicity and exposure category, 1998–2002—United States

Exposure category	Year of report					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
White, not Hispanic						
Male-to-male sexual contact	9,210	8,271	7,378	7,093	7,143	237,610
Injection drug use	1,630	1,512	1,236	1,214	1,078	30,247
Male-to-male sexual contact and injection drug use	1,115	1,041	853	751	731	27,264
Hemophilia/coagulation disorder	101	107	73	81	59	3,926
Heterosexual contact	497	510	422	448	436	6,521
<i>Sex with injection drug user</i>	129	137	119	99	92	2,153
<i>Sex with person with hemophilia</i>	2	2	1	2	1	34
<i>Sex with HIV-infected transfusion recipient</i>	7	4	8	6	4	171
<i>Sex with HIV-infected person, risk not specified</i>	359	367	294	341	339	4,163
Receipt of blood transfusion, blood components, or tissue	62	56	54	46	44	3,232
Other/risk not reported or identified ^b	1,169	1,200	1,301	1,428	1,733	14,215
Total	13,784	12,697	11,317	11,061	11,224	323,015
Black, not Hispanic						
Male-to-male sexual contact	4,873	4,757	4,245	4,442	4,536	88,130
Injection drug use	4,247	3,930	3,233	2,990	2,668	77,577
Male-to-male sexual contact and injection drug use	923	796	677	631	518	17,824
Hemophilia/coagulation disorder	25	22	10	13	13	590
Heterosexual contact	1,770	2,004	1,866	1,968	2,039	21,706
<i>Sex with injection drug user</i>	403	395	340	373	306	6,117
<i>Sex with person with hemophilia</i>	0	6	2	4	2	26
<i>Sex with HIV-infected transfusion recipient</i>	8	14	16	9	15	189
<i>Sex with HIV-infected person, risk not specified</i>	1,359	1,589	1,508	1,582	1,716	15,374
Receipt of blood transfusion, blood components, or tissue	54	45	65	39	72	1,177
Other/risk not reported or identified ^b	2,699	3,290	3,005	3,696	4,488	32,884
Total	14,591	14,844	13,101	13,779	14,334	239,888
Hispanic						
Male-to-male sexual contact	2,902	2,747	2,402	2,451	2,567	53,547
Injection drug use	2,227	1,970	1,712	1,473	1,327	42,819
Male-to-male sexual contact and injection drug use	419	340	309	275	226	8,519
Hemophilia/coagulation disorder	22	10	10	3	3	441
Heterosexual contact	714	673	596	697	684	8,087
<i>Sex with injection drug user</i>	148	132	111	123	113	2,054
<i>Sex with person with hemophilia</i>	2	1	1	0	0	11
<i>Sex with HIV-infected transfusion recipient</i>	10	1	4	4	8	100
<i>Sex with HIV-infected person, risk not specified</i>	554	539	480	570	563	5,922
Receipt of blood transfusion, blood components, or tissue	19	25	24	17	27	622
Other/risk not reported or identified ^b	1,130	1,194	1,187	1,319	1,545	12,315
Total	7,433	6,959	6,240	6,235	6,379	126,350

Table 14. (continued)

Exposure category	Year of report					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
Asian/Pacific Islander						
Male-to-male sexual contact	194	177	163	206	212	3,998
Injection drug use	17	13	14	14	17	279
Male-to-male sexual contact and injection drug use	11	8	13	7	10	218
Hemophilia/coagulation disorder	3	2	3	1	3	74
Heterosexual contact	23	27	32	35	38	278
<i>Sex with injection drug user</i>	6	6	4	3	3	58
<i>Sex with person with hemophilia</i>	0	1	0	0	0	1
<i>Sex with HIV-infected transfusion recipient</i>	0	0	0	2	0	9
<i>Sex with HIV-infected person, risk not specified</i>	17	20	28	30	35	210
Receipt of blood transfusion, blood components, or tissue	7	4	1	4	4	117
Other/risk not reported or identified ^b	68	72	73	90	102	751
Total	323	303	299	357	386	5,715
American Indian/Alaska Native						
Male-to-male sexual contact	57	66	77	58	73	1,207
Injection drug use	29	23	22	26	29	356
Male-to-male sexual contact and injection drug use	21	17	11	35	23	383
Hemophilia/coagulation disorder	2	1	0	0	1	31
Heterosexual contact	3	7	11	9	13	84
<i>Sex with injection drug user</i>	0	0	2	3	5	24
<i>Sex with person with hemophilia</i>	0	0	0	0	0	0
<i>Sex with HIV-infected transfusion recipient</i>	0	1	0	0	0	2
<i>Sex with HIV-infected person, risk not specified</i>	3	6	9	6	8	58
Receipt of blood transfusion, blood components, or tissue	0	1	1	0	0	8
Other/risk not reported or identified ^b	9	20	14	21	16	134
Total	121	135	136	149	155	2,203
Total cases^c	36,305	34,957	31,131	31,611	32,513	697,718

^a Includes male adults and adolescents with a diagnosis AIDS, reported from the beginning of the epidemic through 2002.

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

^c Includes male adults and adolescents of unknown race or multiple races.

Table 15. Reported cases of AIDS for female adults and adolescents by race/ethnicity and exposure category, 1998–2002—United States

Exposure category	Year of report					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
White, not Hispanic						
Injection drug use	762	672	641	615	583	13,035
Hemophilia/coagulation disorder	5	6	0	4	2	114
Heterosexual contact	847	833	752	770	787	12,995
<i>Sex with injection drug user</i>	280	275	258	218	225	5,063
<i>Sex with bisexual male</i>	77	87	55	55	49	1,642
<i>Sex with person with hemophilia</i>	19	8	8	5	10	302
<i>Sex with HIV-infected transfusion recipient</i>	9	9	12	3	12	330
<i>Sex with HIV-infected person, risk not specified</i>	462	454	419	489	491	5,658
Receipt of blood transfusion, blood components, or tissue	37	28	44	23	17	1,857
Other/risk not reported or identified ^b	346	358	422	582	542	4,011
Total	1,997	1,897	1,859	1,994	1,931	32,012
Black, not Hispanic						
Injection drug use	2,065	1,890	1,623	1,429	1,394	34,041
Hemophilia/coagulation disorder	13	8	4	4	8	122
Heterosexual contact	2,882	2,942	2,890	3,039	3,063	35,748
<i>Sex with injection drug user</i>	776	684	655	576	555	11,861
<i>Sex with bisexual male</i>	120	90	106	131	124	1,724
<i>Sex with person with hemophilia</i>	6	8	5	4	4	95
<i>Sex with HIV-infected transfusion recipient</i>	14	10	13	12	16	198
<i>Sex with HIV-infected person, risk not specified</i>	1,966	2,150	2,111	2,316	2,364	21,870
Receipt of blood transfusion, blood components, or tissue	64	81	82	71	76	1,434
Other/risk not reported or identified ^b	1,679	1,798	1,897	2,428	2,812	17,896
Total	6,703	6,719	6,496	6,971	7,353	89,241
Hispanic						
Injection drug use	616	577	540	437	386	11,104
Hemophilia/coagulation disorder	4	3	0	2	1	56
Heterosexual contact	1,050	980	879	914	837	14,001
<i>Sex with injection drug user</i>	311	290	206	206	193	5,827
<i>Sex with bisexual male</i>	48	22	35	26	30	617
<i>Sex with person with hemophilia</i>	6	2	3	1	1	43
<i>Sex with HIV-infected transfusion recipient</i>	1	5	5	3	4	107
<i>Sex with HIV-infected person, risk not specified</i>	684	661	630	678	609	7,407
Receipt of blood transfusion, blood components, or tissue	18	17	17	14	19	577
Other/risk not reported or identified ^b	347	356	409	504	629	3,634
Total	2,035	1,933	1,845	1,871	1,872	29,372

Table 15. (continued)

Exposure category	Year of report					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
Asian/Pacific Islander						
Injection drug use	6	7	3	7	4	121
Hemophilia/coagulation disorder	0	0	0	1	0	7
Heterosexual contact	29	31	36	32	29	410
<i>Sex with injection drug user</i>	8	4	2	5	2	93
<i>Sex with bisexual male</i>	5	2	3	4	2	77
<i>Sex with person with hemophilia</i>	0	0	0	0	0	4
<i>Sex with HIV-infected transfusion recipient</i>	1	0	1	1	0	21
<i>Sex with HIV-infected person, risk not specified</i>	15	25	30	22	25	215
Receipt of blood transfusion, blood components, or tissue	3	3	3	1	3	103
Other/risk not reported or identified ^b	19	20	34	27	33	200
Total	57	61	76	68	69	841
American Indian/Alaska Native						
Injection drug use	17	12	29	16	13	221
Hemophilia/coagulation disorder	0	0	1	0	0	3
Heterosexual contact	10	15	29	16	20	199
<i>Sex with injection drug user</i>	4	5	9	9	9	89
<i>Sex with bisexual male</i>	1	1	6	1	0	26
<i>Sex with person with hemophilia</i>	0	1	0	0	0	2
<i>Sex with HIV-infected transfusion recipient</i>	1	2	0	0	0	3
<i>Sex with HIV-infected person, risk not specified</i>	4	6	14	6	11	79
Receipt of blood transfusion, blood components, or tissue	0	1	1	0	2	15
Other/risk not reported or identified ^b	4	12	10	10	7	71
Total	31	40	70	42	42	509
Total cases^c	10,832	10,656	10,350	10,955	11,279	152,060

^a Includes female adults and adolescents with a diagnosis AIDS, reported from the beginning of the epidemic through 2002.

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

^c Includes female adults and adolescents of unknown race or multiple races.

Table 16. Reported cases of AIDS, by race/ethnicity, sex, and age group, 1998–2002—United States

Age at diagnosis (yrs)	Year of report					Cumulative through 2002 ^a
	1998	1999	2000	2001	2002	
White, not Hispanic						
Male						
<13	29	16	11	14	7	888
13–19	34	21	30	41	30	947
20–24	227	249	201	178	201	8,142
25–34	4,212	3,557	2,820	2,571	2,472	112,692
35–44	5,899	5,574	5,137	5,042	5,051	129,541
45–54	2,535	2,468	2,377	2,379	2,512	52,033
55–64	687	662	598	644	765	15,224
≥65	190	166	154	206	193	4,436
Subtotal	13,813	12,713	11,328	11,075	11,231	323,903
Female						
<13	30	14	21	16	16	713
13–19	23	23	19	23	31	324
20–24	113	108	88	101	83	1,859
25–34	670	639	569	554	545	12,152
35–44	793	710	745	787	772	11,196
45–54	287	311	307	349	373	3,976
55–64	76	74	93	97	91	1,425
≥65	35	32	38	83	36	1,080
Subtotal	2,027	1,911	1,880	2,010	1,947	32,725
Total	15,840	14,624	13,208	13,085	13,178	356,628
Black, not Hispanic						
Male						
<13	120	79	55	62	48	2,710
13–19	67	77	83	101	135	1,150
20–24	403	412	374	422	524	8,105
25–34	4,014	3,879	3,219	3,085	3,118	75,736
35–44	5,950	6,232	5,466	5,765	5,868	98,463
45–54	3,080	3,120	2,883	3,250	3,420	41,150
55–64	787	845	811	873	963	11,749
≥65	290	279	265	283	306	3,535
Subtotal	14,711	14,923	13,156	13,841	14,382	242,598
Female						
<13	115	93	67	49	52	2,723
13–19	100	108	134	121	139	1,389
20–24	368	369	351	408	400	5,247
25–34	2,205	2,143	2,052	2,007	2,028	31,931
35–44	2,691	2,639	2,458	2,718	2,790	34,307
45–54	1,021	1,065	1,097	1,263	1,470	11,809
55–64	230	293	301	345	393	3,355
≥65	88	102	103	109	133	1,203
Subtotal	6,818	6,812	6,563	7,020	7,405	91,964
Total	21,529	21,735	19,719	20,861	21,787	334,562
Hispanic						
Male						
<13	43	25	17	14	14	1,080
13–19	45	35	40	45	36	598
20–24	247	249	209	238	246	4,763
25–34	2,587	2,325	1,940	1,807	1,921	47,407
35–44	2,865	2,774	2,534	2,486	2,570	48,752
45–54	1,228	1,098	1,114	1,161	1,136	17,903
55–64	355	368	300	374	345	5,351
≥65	106	110	103	124	125	1,576
Subtotal	7,476	6,984	6,257	6,249	6,393	127,430

Table 16. (continued)

	Year of report					Cumulative
Age at diagnosis (yrs)	1998	1999	2000	2001	2002	through 2002 ^a
Hispanic (continued)						
Female						
<13	40	29	15	12	17	1,007
13–19	22	41	26	28	33	346
20–24	105	84	98	82	95	1,723
25–34	654	627	554	539	499	11,265
35–44	813	704	720	718	759	10,549
45–54	298	336	315	347	332	3,818
55–64	108	108	106	115	118	1,281
≥65	35	33	26	42	36	390
Subtotal	2,075	1,962	1,860	1,883	1,889	30,379
Total	9,551	8,946	8,117	8,132	8,282	157,809
Asian/Pacific Islander						
Male						
<13	1	0	2	0	3	30
13–19	2	2	0	1	3	29
20–24	10	11	7	7	11	192
25–34	110	110	98	119	107	1,940
35–44	119	110	122	148	160	2,257
45–54	61	52	58	53	71	933
55–64	18	9	10	23	27	281
≥65	3	9	4	6	7	83
Subtotal	324	303	301	357	389	5,745
Female						
<13	1	2	1	3	1	28
13–19	1	0	1	0	1	9
20–24	4	2	4	5	5	51
25–34	21	20	29	23	25	286
35–44	15	31	24	20	24	285
45–54	8	3	11	11	8	119
55–64	5	4	4	7	4	61
≥65	3	1	3	2	2	30
Subtotal	58	63	77	71	70	869
Total	382	366	378	428	459	6,614
American Indian/Alaska Native						
Male						
<13	0	2	1	0	0	18
13–19	3	1	1	1	0	23
20–24	3	7	4	5	8	95
25–34	44	53	47	52	52	946
35–44	57	49	57	64	71	847
45–54	11	17	22	20	15	212
55–64	1	7	3	4	7	63
≥65	2	1	2	3	2	17
Subtotal	121	137	137	149	155	2,221
Female						
<13	0	0	0	0	0	13
13–19	1	2	0	0	0	4
20–24	1	2	5	2	1	37
25–34	10	10	23	13	9	184
35–44	14	14	25	15	13	168
45–54	4	5	13	9	19	89
55–64	0	7	3	3	0	23
≥65	1	0	1	0	0	4
Subtotal	31	40	70	42	42	522
Total	152	177	207	191	197	2,743

^a Includes persons with a diagnosis of AIDS, reported from the beginning of the epidemic through 2002

Technical Notes

Surveillance of AIDS

AIDS cases are reported to CDC by all 50 states, the District of Columbia, and U.S. dependencies, possessions, and associated nations, by use of a uniform surveillance case definition and case report form. In this report, cases were reported according to the 2000 surveillance case definition [1].

Surveillance of HIV Infection (not AIDS)

This report includes case reports from 30 areas whose laws or regulations required confidential reporting by name of adults and adolescents with confirmed HIV infection (not AIDS), in addition to the reporting of persons with AIDS. Over time, HIV infection may progress to AIDS and the person is again reported to surveillance. Persons with HIV infection (not AIDS) who are later reported as having AIDS are deleted from the HIV infection (not AIDS) tables and added to the AIDS tables.

Tabulation of Data

The supplemental report is organized in three sections (1) diagnoses of HIV/AIDS or AIDS, (2) persons living with HIV (not AIDS) or AIDS, and (3) reports of cases of HIV/AIDS or AIDS. Sections 1 and 2 present point estimates of cases that have been adjusted for reporting delays and for the redistribution of cases initially reported without a mode of HIV exposure. CDC routinely adjusts data for the presentation of trends in the epidemic. Data to estimating the number of persons with diagnoses of HIV/AIDS or AIDS and the number of persons living with HIV (not AIDS) or AIDS have been statistically adjusted to correct for delays in the reporting of cases and deaths. 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. Therefore, readers are encouraged to use tables that present trends by year of diagnosis or year-end prevalence. Section 3 presents reports of cases of HIV/AIDS and cases of AIDS reported through 2002, by race/ethnicity. These data have not been adjusted for delays in reporting and are presented by year of report to CDC. Tables of cases

by year of report represent the most up-to-date information reported to CDC; however, cases by year of report do not reflect incident cases, the most recent diagnoses or trends. Not all cases of HIV/AIDS or AIDS reported in 2002 were newly diagnosed; rather, the reported cases include cases diagnosed during earlier years. The racial/ethnic distribution of reported cases of HIV/AIDS reflects the racial/ethnic distribution of the 30 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, 2003. Data for the U.S. dependencies, possessions, and associated nations are included in the totals.

Selection of areas with mature HIV reporting systems for analysis of diagnoses of HIV/AIDS and of HIV Infection (not AIDS)

The inclusion of areas with mature confidential name-based HIV reporting for the tabulation of HIV/AIDS and HIV infection (not AIDS) data was based on the date HIV reporting was implemented in the area and the ability to calculate 4 years of reporting delays so that trends would be reliable. For this report, 30 areas with laws or regulations requiring confidential name-based HIV infection reporting since 1998 were eligible for inclusion. The 30 areas are Alabama, Arizona, Arkansas, Colorado, Florida, Idaho, Indiana, Iowa, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Nevada, North Carolina, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Utah, Virginia, West Virginia, Wisconsin, Wyoming, and the U.S. Virgin Islands.

Race and ethnicity

In the *Federal Register* for October 30, 1997 [2], the Office of Management and Budget announced the Revisions to the Standards for the Classifications of Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity, also known as Statistical Policy Directive 15. At a minimum, data on the following race 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. Regardless of race, two ethnicity categories should be collected: Hispanic and not Hispanic.

Because data for this report were compiled from reports to CDC through June 2003, race and ethnicity information may have been collected under two systems. The race and ethnicity categories in the system used through December 2002 are maintained in this report because most data were collected under that system. Persons who reported multiple racial categories or whose race was unknown are included in the cumulative totals. Also, persons reported as non-Hispanic may include persons whose ethnicity was not reported.

Age groups

Age groups of persons living with HIV infection (not AIDS) or with AIDS are based on the person's age as of December 31, 2002. All other age groups are based on the person's age at the first documented positive result of an HIV-antibody test result for persons with a diagnosis of HIV infection (not AIDS), and age at AIDS diagnosis for persons with a diagnosis of AIDS. The age category for adults and adolescents comprises persons ≥ 13 years; the age category for children comprises children < 13 years of age.

Geographic designations

Regions 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

The U.S. dependencies, possessions, and associated independent nations comprise Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, the Republic

of Palau, the Republic of the Marshall Islands, the Commonwealth of the Northern Mariana Islands, and the Federated States of Micronesia.

Tables of persons living with HIV infection (not AIDS) or AIDS

Estimates of persons living with HIV infection (not AIDS) or with AIDS (Tables 8 through 10) were derived by subtracting the estimated cumulative number of deaths of persons with HIV infection (not AIDS) or AIDS from the estimated cumulative number of persons diagnosed with HIV infection (not AIDS) or AIDS. Estimated diagnoses and deaths have been adjusted for reporting delays, but not for incomplete reporting. Annual estimates are given for the most recent year for which reliable estimates are available [3].

Exposure categories

For surveillance purposes, cases of HIV infection (not AIDS) and cases of AIDS are counted only once in a hierarchy of exposure categories. Persons with more than one reported mode of exposure to HIV are classified in the exposure 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 exposure category.

Persons whose exposure 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 exposure category is classified as heterosexual contact are persons who report specific heterosexual contact with a person with, or at increased 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 AIDS unless they meet the criteria stated in the preceding paragraph. Similar to other cases among persons who were reported without behavioral or transfusion risks for HIV infection, these cases are now classified (in the absence of other risk information that would classify them in another exposure category) as no risk reported or identified [4].

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

References

1. CDC. Guidelines for national human immunodeficiency virus case surveillance, including monitoring for human immunodeficiency virus infection and acquired immunodeficiency syndrome. *MMWR* 1999;48(No. RR-13):29-31. Available at: <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr4813a1.htm> Accessed March 1, 2004.
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3. Karon JM, Devine OJ, Moregan 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
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