

QUARTERLY AIDS SURVEILLANCE REPORT

San Francisco Department of Public Health AIDS Cases Reported Through September 2009

Contents	Page
Surveillance Summary.....	1
Table 1: Adult/Adolescent AIDS Cases by Transmission Category.....	2
Table 2: AIDS Cases by Gender and Year of Diagnosis.....	2
Table 3: AIDS Cases by Transmission Category and Race/Ethnicity.....	3
Table 4: AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity.....	3
Table 5: AIDS Cases by Transmission Category and Year of Diagnosis.....	4
Table 6: AIDS Cases by Gender, Age Group and Race/Ethnicity.....	5
Table 7: AIDS Cases by Race/Ethnicity and Year of Diagnosis.....	6
Table 8: AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender.....	6
Table 9: AIDS Incidence, Mortality, and Prevalence by Year.....	7
Table 10: Cases by Initial AIDS-Defining Condition.....	8
Table 11: Cumulative AIDS Indicator Conditions among Persons with AIDS.....	9
Table 12: Living Adult/Adolescent AIDS Cases by Transmission Category.....	10
Table 13: Living AIDS Cases by Transmission Category and Race/Ethnicity.....	10
Table 14: Living AIDS Cases by Gender, Age Group and Race/Ethnicity.....	11
Table 15: Living AIDS Cases by Initial AIDS-Defining Condition.....	12
Table 16: Cumulative AIDS Indicator Conditions among Persons Living with AIDS.....	13

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The AIDS Surveillance Report is accessible via internet:
www.sfdph.org/dph/comupg/oprograms/hivepisecc/default.asp



Gavin Newsom

Mayor

Mitchell H. Katz, MD

Director of Health

November 3, 2009

Dear Colleague,

We want to call your attention to changes in the numbers of AIDS cases by race/ethnicity in the *September 2009 Quarterly AIDS Surveillance Report* due to a recent conversion to a new HIV reporting data management system. The new data system was developed by the Centers for Disease Control and Prevention to allow us to track disease status and other information for HIV/AIDS cases, including race/ethnicity, from multiple sources. Prior to the conversion, data on race/ethnicity was determined solely from information collected from the health care provider where the case was initially diagnosed and reported. Race/ethnicity obtained from other sources (for example, death certificates) was not incorporated even if it differed from the initial case report. The new data system allows us to consider information from all sources and provides a hierarchy to determine the most accurate source of information.

By incorporating additional sources of race/ethnicity reporting, there was a slight decrease in the numbers of white, African American, Asian/Pacific Islander, and Native American cases and an increase in the numbers of Latino cases and cases with multiple races (Tables 3, 6, 7, 8). The proportions of cases in these race/ethnicity categories have not changed. Most of the changes are due to using information collected from death certificates (generally a very accurate source of race/ethnicity) and do not reflect any substantial demographic change in the epidemic.

If you have any questions regarding our report or would like additional information, please contact the HIV Surveillance Unit at (415) 554-9050.

Sincerely,

Handwritten signature of Ling Hsu in black ink.

Ling Hsu, M.P.H.

Director, HIV Core Surveillance

Handwritten signature of Susan Scheer in black ink.

Susan Scheer, Ph.D., M.P.H.

Director, HIV Epidemiology Section

AIDS Surveillance Summary

San Francisco (as of 09/30/09)

Cumulative cases ¹ :	28,305
Cumulative deaths:	18,975

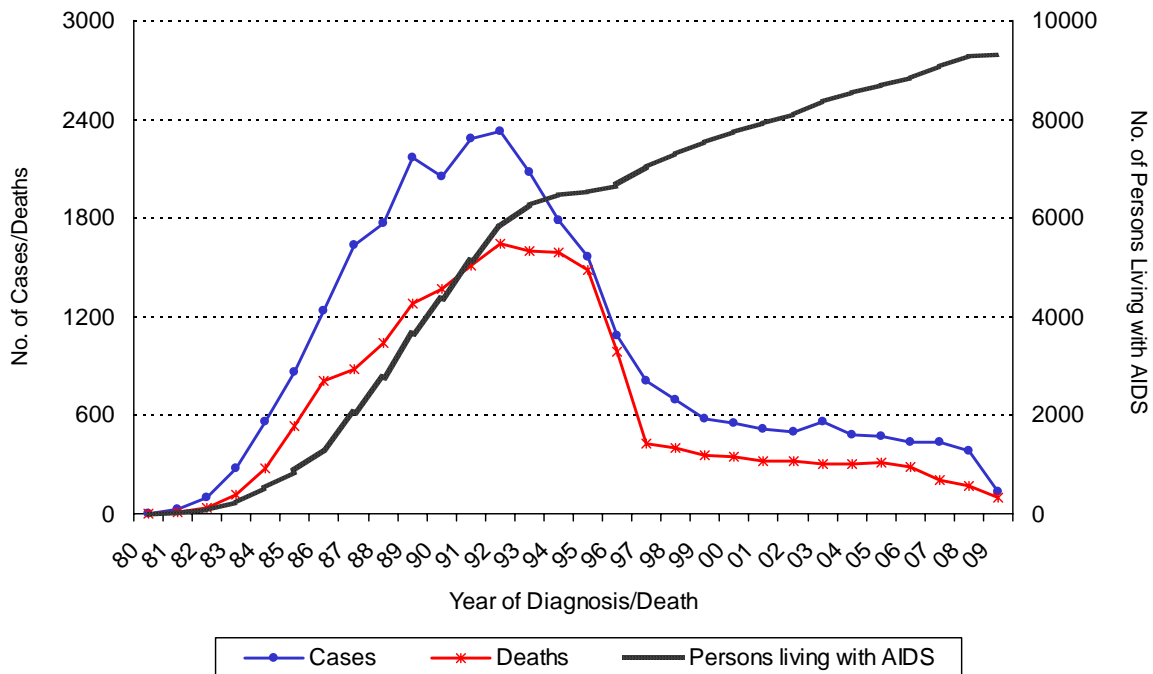
California (as of 04/30/09)

Cumulative cases:	153,901
Cumulative deaths:	86,396

United States² (as of 12/31/07)

Cumulative cases:	1,051,875
Cumulative deaths:	583,298

San Francisco AIDS Incidence, Mortality, and Prevalence by Year, 1980-2009³



1. Includes SF residents diagnosed in SF and SF residents diagnosed in other jurisdictions. Excludes persons diagnosed in SF who resided in other jurisdictions at the time of their AIDS diagnosis.
2. The US numbers do not represent actual cases or deaths reported. Rather, these numbers are estimated and adjusted for reporting delays. For additional details, see www.cdc.gov/hiv/topics/surveillance/resources/reports.
3. Reporting for recent year is incomplete. See Table 9 for actual numbers per year.

Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report Summary of San Francisco Residents with AIDS* Reported as of 09/30/2009

Table 1. Adult/Adolescent AIDS Cases (>12 years) by Transmission Category, San Francisco, 1980-2009

Transmission Category	No.	(%)
Gay or bisexual male	20842	(73.7)
Heterosexual male injection drug user	1403	(5.0)
Heterosexual female injection drug user	690	(2.4)
Gay or bisexual male injection drug user	4031	(14.3)
Lesbian or bisexual injection drug user	58	(0.2)
Transgender (1)	400	(1.4)
Hemophiliac	16	(0.1)
Heterosexual contact male (2)	138	(0.5)
Heterosexual contact female (2)	302	(1.1)
Transfusion recipient	143	(0.5)
Risk not reported/Other (3)	244	(0.9)
Total	28267	(100)

Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1980-2009

Gender	Year of Diagnosis					
	< 1999 No. (%)	1999 No. (%)	2000 No. (%)	2001 No. (%)	2002 No. (%)	2003 No. (%)
Male	22263 (95.7)	513 (88.4)	479 (86.6)	453 (88.5)	440 (89.2)	497 (88.6)
Female	773 (3.3)	49 (8.4)	51 (9.2)	45 (8.8)	35 (7.1)	40 (7.1)
Transgender (1)	233 (1.0)	18 (3.1)	23 (4.2)	14 (2.7)	18 (3.7)	24 (4.3)
Total	23269 (100)	580 (100)	553 (100)	512 (100)	493 (100)	561 (100)

Gender	Year of Diagnosis					
	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)	2008 No. (%)	2009 No. (%)
Male	423 (87.9)	421 (89.4)	391 (90.3)	394 (90.0)	336 (87.5)	117 (90.0)
Female	40 (8.3)	37 (7.9)	30 (6.9)	30 (6.8)	40 (10.4)	8 (6.2)
Transgender (1)	18 (3.7)	13 (2.8)	12 (2.8)	14 (3.2)	8 (2.1)	5 (3.8)
Total	481 (100)	471 (100)	433 (100)	438 (100)	384 (100)	130 (100)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Transgender information was collected since September 1996. Data prior to this are incomplete.

(2) Includes persons who have had heterosexual contact with a person with HIV/AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 3. AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco, 1980-2009

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)	Mixed Race/ Unknown No. (%)
Adult/Adolescent						
Gay or bisexual male	16071 (80.0)	1548 (43.4)	2530 (73.8)	683 (77.1)	55 (43.7)	132 (59.5)
Injection drug user (IDU)	736 (3.7)	1034 (29.0)	245 (7.1)	39 (4.4)	18 (14.3)	27 (12.2)
Gay or bisexual male IDU	2965 (14.8)	667 (18.7)	448 (13.1)	69 (7.8)	45 (35.7)	50 (22.5)
Lesbian or bisexual IDU	26 (0.1)	21 (0.6)	6 (0.2)	2 (0.2)	2 (1.6)	1 (0.5)
Hemophiliac	8 (0.0)	2 (0.1)	5 (0.1)	1 (0.1)	0 (0.0)	0 (0.0)
Heterosexual (2)	115 (0.6)	184 (5.2)	96 (2.8)	43 (4.9)	4 (3.2)	2 (0.9)
Transfusion recipient	68 (0.3)	23 (0.6)	27 (0.8)	19 (2.1)	0 (0.0)	6 (2.7)
Risk not reported/Other (3)	81 (0.4)	73 (2.0)	61 (1.8)	25 (2.8)	1 (0.8)	3 (1.4)
Pediatric (0-12 years) (4)						
	8 (0.0)	13 (0.4)	10 (0.3)	5 (0.6)	1 (0.8)	1 (0.5)
Total	20078 (100)	3565 (100)	3428 (100)	886 (100)	126 (100)	222 (100)

Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1980-2009

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)
Adult/Adolescent						
Gay or bisexual male	152 (80.4)	79 (83.2)	221 (81.0)	64 (73.6)	9 (81.8)	45 (63.4)
Injection drug user (IDU)	6 (3.2)	0 (0.0)	8 (2.9)	4 (4.6)	1 (9.1)	9 (12.7)
Gay or bisexual male IDU	9 (4.8)	12 (12.6)	20 (7.3)	7 (8.0)	1 (9.1)	9 (12.7)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (2.8)
Hemophiliac	0 (0.0)	1 (1.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Heterosexual (2)	4 (2.1)	1 (1.1)	12 (4.4)	6 (6.9)	0 (0.0)	5 (7.0)
Transfusion recipient	9 (4.8)	1 (1.1)	6 (2.2)	3 (3.4)	0 (0.0)	0 (0.0)
Risk not reported/Other (3)	7 (3.7)	1 (1.1)	5 (1.8)	3 (3.4)	0 (0.0)	1 (1.4)
Pediatric (0-12 years) (4)						
	2 (1.1)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	0 (0.0)
Total	189 (100)	95 (100)	273 (100)	87 (100)	11 (100)	71 (100)

* Residents of San Francisco at time of initial AIDS diagnosis.

- (1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.
- (2) Includes persons who have had heterosexual contact with a person with HIV/AIDS or with a person who is at risk for HIV.
- (3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.
- (4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1980-2009

Transmission Category (1)	Year of Diagnosis					
	< 1999 No. (%)	1999 No. (%)	2000 No. (%)	2001 No. (%)	2002 No. (%)	2003 No. (%)
Adult/Adolescent						
Gay or bisexual male	17822 (76.6)	361 (62.2)	336 (60.8)	311 (60.7)	307 (62.3)	362 (64.5)
Injection drug user (IDU)	1482 (6.4)	81 (14.0)	85 (15.4)	69 (13.5)	65 (13.2)	79 (14.1)
Gay or bisexual male IDU	3388 (14.6)	105 (18.1)	101 (18.3)	89 (17.4)	93 (18.9)	84 (15.0)
Lesbian or bisexual IDU	37 (0.2)	1 (0.2)	3 (0.5)	3 (0.6)	2 (0.4)	3 (0.5)
Hemophiliac	15 (0.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Heterosexual (2)	237 (1.0)	19 (3.3)	18 (3.3)	17 (3.3)	15 (3.0)	21 (3.7)
Transfusion recipient	140 (0.6)	1 (0.2)	0 (0.0)	1 (0.2)	1 (0.2)	0 (0.0)
Risk not reported/Other (3)	114 (0.5)	11 (1.9)	9 (1.6)	22 (4.3)	9 (1.8)	11 (2.0)
Pediatric (0-12 years) (4)	34 (0.1)	1 (0.2)	1 (0.2)	0 (0.0)	1 (0.2)	1 (0.2)
Total	23269 (100)	580 (100)	553 (100)	512 (100)	493 (100)	561 (100)
Year of Diagnosis						
Transmission Category (1)	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)	2008 No. (%)	2009 No. (%)
Adult/Adolescent						
Gay or bisexual male	316 (65.7)	298 (63.3)	286 (66.1)	287 (65.5)	244 (63.5)	89 (68.5)
Injection drug user (IDU)	53 (11.0)	55 (11.7)	43 (9.9)	42 (9.6)	33 (8.6)	12 (9.2)
Gay or bisexual male IDU	83 (17.3)	82 (17.4)	73 (16.9)	66 (15.1)	64 (16.7)	16 (12.3)
Lesbian or bisexual IDU	1 (0.2)	3 (0.6)	2 (0.5)	0 (0.0)	2 (0.5)	1 (0.8)
Hemophiliac	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.8)
Heterosexual (2)	15 (3.1)	19 (4.0)	19 (4.4)	32 (7.3)	25 (6.5)	7 (5.4)
Transfusion recipient	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Risk not reported/Other (3)	13 (2.7)	14 (3.0)	10 (2.3)	11 (2.5)	16 (4.2)	4 (3.1)
Pediatric (0-12 years) (4)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Total	481 (100)	471 (100)	433 (100)	438 (100)	384 (100)	130 (100)

* Residents of San Francisco at time of initial AIDS diagnosis.

- (1) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.
- (2) Includes persons who have had heterosexual contact with a person with HIV/AIDS or with a person who is at risk for HIV.
- (3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.
- (4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 6. AIDS Cases by Gender, Age Group and Race/Ethnicity, San Francisco, 1980-2009

Male Age at Diagnosis (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)	Total (1) No. (%)
0 - 12	4 (0.0)	4 (0.1)	5 (0.2)	4 (0.5)	1 (0.9)	19 (0.1)
13 - 19	12 (0.1)	1 (0.0)	13 (0.4)	1 (0.1)	2 (1.8)	30 (0.1)
20 - 24	303 (1.5)	68 (2.3)	114 (3.6)	24 (3.0)	5 (4.6)	517 (1.9)
25 - 29	1655 (8.4)	244 (8.4)	442 (14.0)	83 (10.5)	23 (21.1)	2474 (9.3)
30 - 39	8795 (44.9)	1150 (39.7)	1497 (47.6)	354 (45.0)	52 (47.7)	11934 (44.7)
40 - 49	6422 (32.8)	968 (33.4)	786 (25.0)	238 (30.2)	22 (20.2)	8491 (31.8)
50 - 59	1923 (9.8)	369 (12.7)	231 (7.3)	62 (7.9)	3 (2.8)	2608 (9.8)
60 +	474 (2.4)	96 (3.3)	58 (1.8)	21 (2.7)	1 (0.9)	654 (2.4)
Male subtotal	19588 (100)	2900 (100)	3146 (100)	787 (100)	109 (100)	26727 (100)
Female Age at Diagnosis (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)	Total (1) No. (%)
0 - 12	4 (1.1)	9 (1.7)	5 (3.1)	1 (1.6)	0 (0.0)	19 (1.6)
13 - 19	1 (0.3)	1 (0.2)	2 (1.2)	0 (0.0)	0 (0.0)	4 (0.3)
20 - 24	15 (3.9)	10 (1.9)	10 (6.1)	4 (6.3)	1 (7.1)	40 (3.4)
25 - 29	42 (11.1)	45 (8.3)	23 (14.1)	11 (17.2)	1 (7.1)	124 (10.5)
30 - 39	152 (40.0)	203 (37.7)	57 (35.0)	25 (39.1)	8 (57.1)	451 (38.3)
40 - 49	101 (26.6)	187 (34.7)	42 (25.8)	16 (25.0)	4 (28.6)	354 (30.1)
50 - 59	37 (9.7)	62 (11.5)	15 (9.2)	4 (6.3)	0 (0.0)	121 (10.3)
60 +	28 (7.4)	22 (4.1)	9 (5.5)	3 (4.7)	0 (0.0)	65 (5.5)
Female subtotal	380 (100)	539 (100)	163 (100)	64 (100)	14 (100)	1178 (100)
Transgender (2) Age at Diagnosis (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander Native American No. (%)	Total (1) No. (%)	
13 - 29	22 (20.0)	27 (21.4)	33 (27.7)	14 (36.8)	96 (24.0)	
30 - 39	52 (47.3)	48 (38.1)	56 (47.1)	17 (44.7)	177 (44.3)	
40 +	36 (32.7)	51 (40.5)	30 (25.2)	7 (18.4)	127 (31.8)	
Transgender subtotal	110 (100)	126 (100)	119 (100)	38 (100)	400 (100)	

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Total includes persons with multiple or unknown race.

(2) Transgender information was collected since September 1996. Certain age or race/ethnic groups are combined for transgender cases because of small number.

Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009

Table 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1980-2009

Race/Ethnicity	Year of Diagnosis					
	< 1999 No. (%)	1999 No. (%)	2000 No. (%)	2001 No. (%)	2002 No. (%)	2003 No. (%)
White	17257 (74.2)	332 (57.2)	318 (57.5)	296 (57.8)	290 (58.8)	285 (50.8)
African American	2640 (11.3)	101 (17.4)	112 (20.3)	97 (18.9)	88 (17.8)	106 (18.9)
Latino	2525 (10.9)	110 (19.0)	91 (16.5)	73 (14.3)	76 (15.4)	125 (22.3)
Asian/Pacific Islander	593 (2.5)	26 (4.5)	26 (4.7)	34 (6.6)	30 (6.1)	34 (6.1)
Native American	89 (0.4)	5 (0.9)	2 (0.4)	5 (1.0)	2 (0.4)	6 (1.1)
Total (1)	23269 (100)	580 (100)	553 (100)	512 (100)	493 (100)	561 (100)

Race/Ethnicity	Year of Diagnosis					
	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)	2008 No. (%)	2009 No. (%)
White	263 (54.7)	274 (58.2)	243 (56.1)	254 (58.0)	201 (52.3)	65 (50.0)
African American	78 (16.2)	82 (17.4)	80 (18.5)	76 (17.4)	75 (19.5)	30 (23.1)
Latino	109 (22.7)	86 (18.3)	75 (17.3)	72 (16.4)	61 (15.9)	25 (19.2)
Asian/Pacific Islander	21 (4.4)	24 (5.1)	24 (5.5)	29 (6.6)	37 (9.6)	8 (6.2)
Native American	4 (0.8)	3 (0.6)	6 (1.4)	0 (0.0)	3 (0.8)	1 (0.8)
Total (1)	481 (100)	471 (100)	433 (100)	438 (100)	384 (100)	130 (100)

Table 8. AIDS Cases and Cumulative Rates per 100,000 by Race/Ethnicity and Gender, San Francisco

Race/Ethnicity	Male	Female	Total (2)
	No. (Rate)	No. (Rate)	No. (Rate)
White	19588 (11319.1)	380 (231.6)	19968 (5923.1)
African American	2900 (7780.0)	539 (1379.6)	3439 (4504.7)
Latino	3146 (6131.0)	163 (329.9)	3309 (3285.4)
Asian/Pacific Islander	787 (797.1)	64 (59.8)	851 (413.7)
Native American	109 (7933.0)	14 (1110.2)	123 (4667.9)
Total (1)	26727 (7373.0)	1178 (325.9)	27905 (3854.5)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Total includes persons with multiple or unknown race.

(2) Transgender cases were excluded because population size for transgender can not be determined for rates calculation.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 9. AIDS Incidence, Mortality, and Prevalence by Year, San Francisco, 1980-2009

Year	Number of Cases Reported per Year	Number of Cases Diagnosed per Year (1)	Number of Deaths Occurred per Year (1)	Number of Persons Living with AIDS (1)
1980	0	3	0	3
1981	21	26	8	21
1982	75	99	32	88
1983	197	274	111	251
1984	451	557	273	535
1985	673	859	534	860
1986	981	1236	807	1289
1987	1287	1629	877	2041
1988	1408	1763	1038	2766
1989	1585	2162	1275	3653
1990	1686	2046	1364	4335
1991	1685	2284	1505	5114
1992	1638	2327	1641	5800
1993	4271	2073	1599	6274
1994	1915	1787	1592	6469
1995	1634	1563	1481	6551
1996	1242	1082	987	6646
1997	1060	804	422	7028
1998	795	695	401	7322
1999	724	580	356	7546
2000	627	553	348	7751
2001	498	512	322	7941
2002	441	493	323	8111
2003	533	561	301	8371
2004	557	481	305	8547
2005	506	471	313	8705
2006	425	433	288	8850
2007	543	438	208	9080
2008	569	384	165	9299
2009	278	130	99	9330
Total	28305	28305	18975	

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Data in recent years is incomplete due to delay in cases/deaths reporting.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
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Table 10. Cases by Initial AIDS-Defining Condition, San Francisco, 1980-2009

Initial AIDS-Defining Condition	Def. (1) No.	Pres. (2) No.	Total No. (%)
Bacterial infections, recurrent, <13 years [HIV+(3)]	8	N/A(4)	8 (0.0)
Candidiasis of bronchi, trachea, or lungs	25	N/A	25 (0.1)
Candidiasis of esophagus	300	226	526 (1.9)
Cervical cancer, invasive [HIV+]	5	N/A	5 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	8	N/A	8 (0.0)
Cryptococcosis, extrapulmonary	377	N/A	377 (1.3)
Cryptosporidiosis, intestinal (>1 mo. duration)	335	N/A	335 (1.2)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	204	N/A	204 (0.7)
CMV retinitis with loss of vision [HIV+]	0	113	113 (0.4)
HIV encephalopathy [HIV+]	389	N/A	389 (1.4)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	98	N/A	98 (0.3)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	25	N/A	25 (0.1)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	21	N/A	21 (0.1)
Kaposi's sarcoma (5)	2548	293	2841 (10.0)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	4	0	4 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	107	N/A	107 (0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	419	N/A	419 (1.5)
Lymphoma, primary in brain (5)	40	N/A	40 (0.1)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	257	3	260 (0.9)
Mycobacterium tuberculosis, pulmonary [HIV+]	204	15	219 (0.8)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	144	5	149 (0.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	16	11	27 (0.1)
Pneumocystis carinii pneumonia	5096	599	5695 (20.1)
Pneumonia, recurrent [HIV+]	220	27	247 (0.9)
Progressive multifocal leukoencephalopathy	50	N/A	50 (0.2)
Salmonella sepsis, recurrent [HIV+]	8	N/A	8 (0.0)
Toxoplasmosis of brain, >1 month of age	43	200	243 (0.9)
Wasting syndrome [HIV+]	681	N/A	681 (2.4)
CD4 T lymphocyte count <200 or percent <14 [HIV+]	15177	N/A	15177 (53.6)
Any AIDS indicator condition and HIV-negative and CD4 count <400 (6)	4	N/A	4 (0.0)
Total	26813	1492	28305 (100)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 11. Cumulative AIDS Indicator Conditions among Persons with AIDS, San Francisco, 1980-2009

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, <13 years [HIV+(2)]	11 (0.0)
Candidiasis of bronchi, trachea, or lungs	2538 (9.0)
Candidiasis of esophagus	135 (0.5)
Cervical cancer, invasive [HIV+]	11 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	2438 (8.6)
Cryptococcosis, extrapulmonary	2487 (8.8)
Cryptosporidiosis, intestinal (>1 mo. duration)	60 (0.2)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	1845 (6.5)
CMV retinitis with loss of vision [HIV+]	1375 (4.9)
HIV encephalopathy [HIV+]	427 (1.5)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	157 (0.6)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	2472 (8.7)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	67 (0.2)
Kaposi's sarcoma (3)	6697 (23.7)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	5 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	389 (1.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	540 (1.9)
Lymphoma, primary in brain (3)	1129 (4.0)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	5066 (17.9)
Mycobacterium tuberculosis, pulmonary [HIV+]	332 (1.2)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	475 (1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	652 (2.3)
Pneumocystis carinii pneumonia	10945 (38.7)
Pneumonia, recurrent [HIV+]	308 (1.1)
Progressive multifocal leukoencephalopathy	998 (3.5)
Salmonella sepsis, recurrent [HIV+]	58 (0.2)
Toxoplasmosis of brain, >1 month of age	1157 (4.1)
Wasting syndrome [HIV+]	4324 (15.3)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 12. Living Adult/Adolescent AIDS Cases (>12 years) by Transmission Category, San Francisco

Transmission Category	No.	(%)
Gay or bisexual male	6680	(71.7)
Heterosexual male injection drug user	473	(5.1)
Heterosexual female injection drug user	278	(3.0)
Gay or bisexual male injection drug user	1250	(13.4)
Lesbian or bisexual injection drug user	25	(0.3)
Transgender (1)	200	(2.1)
Hemophiliac	5	(0.1)
Heterosexual contact male (2)	85	(0.9)
Heterosexual contact female (2)	176	(1.9)
Transfusion recipient	20	(0.2)
Risk not reported/Other (3)	124	(1.3)
Total	9316	(100)

Table 13. Living AIDS Cases by Transmission Category and Race/Ethnicity, San Francisco

Transmission Category	White		African American		Latino		Asian/Pacific Islander		Native American	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Adult/Adolescent										
Gay or bisexual male	4711	(78.9)	550	(42.0)	1113	(75.1)	352	(75.5)	25	(44.6)
Injection drug user (IDU)	274	(4.6)	361	(27.6)	84	(5.7)	19	(4.1)	10	(17.9)
Gay or bisexual male IDU	868	(14.5)	235	(18.0)	179	(12.1)	38	(8.2)	16	(28.6)
Lesbian or bisexual IDU	11	(0.2)	11	(0.8)	1	(0.1)	1	(0.2)	1	(1.8)
Hemophiliac	3	(0.1)	2	(0.2)	0	(0.0)	0	(0.0)	0	(0.0)
Heterosexual (2)	56	(0.9)	107	(8.2)	65	(4.4)	32	(6.9)	3	(5.4)
Transfusion recipient	7	(0.1)	2	(0.2)	5	(0.3)	6	(1.3)	0	(0.0)
Risk not reported/Other (3)	41	(0.7)	37	(2.8)	30	(2.0)	15	(3.2)	0	(0.0)
Pediatric (0-12 years) (4)	0	(0.0)	4	(0.3)	5	(0.3)	3	(0.6)	1	(1.8)
Total	5971	(100)	1309	(100)	1482	(100)	466	(100)	56	(100)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Transgender information was collected since September 1996. Data prior to this are incomplete.

(2) Includes persons who have had heterosexual contact with a person with HIV/AIDS or with a person who is at risk for HIV.

(3) Includes persons for whom risk information is incomplete (due to death, refusal to be interviewed or loss to follow-up), cases still under investigation, or interviewed patients who offered no plausible risk for HIV.

(4) Includes children who have hemophilia or other coagulation disorder, have received a blood transfusion, or who have acquired their infection from an infected mother during the perinatal period.

Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009

Table 14. Living AIDS Cases by Gender, Race/Ethnicity and Age as of 09/30/2009, San Francisco

Male Current Age (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)	Total (1) No. (%)
0 - 12	0 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)	0 (0.0)	2 (0.0)
13 - 19	1 (0.0)	1 (0.1)	1 (0.1)	0 (0.0)	0 (0.0)	3 (0.0)
20 - 24	4 (0.1)	7 (0.7)	9 (0.7)	4 (1.0)	2 (4.3)	27 (0.3)
25 - 29	38 (0.7)	8 (0.8)	36 (2.7)	8 (2.0)	3 (6.4)	94 (1.1)
30 - 39	449 (7.8)	85 (8.4)	217 (16.3)	82 (20.5)	4 (8.5)	851 (9.9)
40 - 49	2127 (36.8)	394 (39.1)	610 (45.8)	155 (38.8)	26 (55.3)	3329 (38.7)
50 - 59	2213 (38.3)	368 (36.5)	342 (25.7)	108 (27.0)	10 (21.3)	3048 (35.4)
60 +	942 (16.3)	144 (14.3)	117 (8.8)	43 (10.8)	2 (4.3)	1250 (14.5)
Male subtotal	5774 (100)	1007 (100)	1333 (100)	400 (100)	47 (100)	8604 (100)
Female Current Age (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)	Total (1) No. (%)
0 - 12	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
13 - 19	0 (0.0)	1 (0.4)	3 (3.5)	1 (2.4)	0 (0.0)	5 (1.0)
20 - 24	0 (0.0)	2 (0.8)	2 (2.4)	0 (0.0)	0 (0.0)	4 (0.8)
25 - 29	4 (2.6)	5 (2.1)	5 (5.9)	4 (9.8)	1 (14.3)	19 (3.6)
30 - 39	18 (11.9)	30 (12.6)	16 (18.8)	12 (29.3)	1 (14.3)	79 (15.0)
40 - 49	70 (46.4)	74 (31.0)	24 (28.2)	13 (31.7)	3 (42.9)	185 (35.2)
50 - 59	46 (30.5)	101 (42.3)	26 (30.6)	8 (19.5)	2 (28.6)	183 (34.8)
60 +	13 (8.6)	26 (10.9)	9 (10.6)	3 (7.3)	0 (0.0)	51 (9.7)
Female subtotal	151 (100)	239 (100)	85 (100)	41 (100)	7 (100)	526 (100)
Transgender (2) Current Age (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander Native American No. (%)	Total (1) No. (%)	
13 - 39	9 (19.6)	12 (19.0)	23 (35.9)	8 (29.6)	52 (26.0)	
40 +	37 (80.4)	51 (81.0)	41 (64.1)	19 (70.4)	148 (74.0)	
Transgender subtotal	46 (100)	63 (100)	64 (100)	27 (100)	200 (100)	

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Total includes persons with multiple or unknown race.

(2) Transgender information was collected since September 1996. Certain age or race/ethnic groups are combined for transgender cases because of small number.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 15. Living AIDS Cases by Initial AIDS-Defining Condition, San Francisco

Initial AIDS-Defining Condition	Def. (1) No.	Pres. (2) No.	Total No. (%)
Bacterial infections, recurrent, <13 years [HIV+(3)]	7	N/A(4)	7 (0.1)
Candidiasis of bronchi, trachea, or lungs	6	N/A	6 (0.1)
Candidiasis of esophagus	51	54	105 (1.1)
Cervical cancer, invasive [HIV+]	0	N/A	0 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	1	N/A	1 (0.0)
Cryptococcosis, extrapulmonary	46	N/A	46 (0.5)
Cryptosporidiosis, intestinal (>1 mo. duration)	107	N/A	107 (1.1)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	23	N/A	23 (0.2)
CMV retinitis with loss of vision [HIV+]	0	21	21 (0.2)
HIV encephalopathy [HIV+]	59	N/A	59 (0.6)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	15	N/A	15 (0.2)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	8	N/A	8 (0.1)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	7	N/A	7 (0.1)
Kaposi's sarcoma (5)	320	69	389 (4.2)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	2	0	2 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	23	N/A	23 (0.2)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	48	N/A	48 (0.5)
Lymphoma, primary in brain (5)	1	N/A	1 (0.0)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	19	0	19 (0.2)
Mycobacterium tuberculosis, pulmonary [HIV+]	75	7	82 (0.9)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	37	2	39 (0.4)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	2	2	4 (0.0)
Pneumocystis carinii pneumonia	411	145	556 (6.0)
Pneumonia, recurrent [HIV+]	73	10	83 (0.9)
Progressive multifocal leukoencephalopathy	0	N/A	0 (0.0)
Salmonella sepsis, recurrent [HIV+]	1	N/A	1 (0.0)
Toxoplasmosis of brain, >1 month of age	8	21	29 (0.3)
Wasting syndrome [HIV+]	132	N/A	132 (1.4)
CD4 T lymphocyte count <200 or percent <14 [HIV+]	7516	N/A	7516 (80.6)
Any AIDS indicator condition and HIV-negative and CD4 count <400 (6)	1	N/A	1 (0.0)
Total	8999	331	9330 (100)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Indicator conditions diagnosed definitively (e.g. culture or biopsy proven).

(2) Indicator conditions diagnosed presumptively in a person who has laboratory evidence of HIV infection.

(3) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(4) N/A: Conditions which require definitive diagnoses only.

(5) Laboratory evidence of HIV infection in persons > 60 years of age.

(6) In the absence of other causes of immunocompromise.

**Acquired Immunodeficiency Syndrome (AIDS) Quarterly Surveillance Report
Summary of San Francisco Residents with AIDS*
Reported as of 09/30/2009**

Table 16. Cumulative AIDS Indicator Conditions among Persons Living with AIDS, San Francisco

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, <13 years [HIV+(2)]	10 (0.1)
Candidiasis of bronchi, trachea, or lungs	444 (4.8)
Candidiasis of esophagus	23 (0.2)
Cervical cancer, invasive [HIV+]	1 (0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	199 (2.1)
Cryptococcosis, extrapulmonary	198 (2.1)
Cryptosporidiosis, intestinal (>1 mo. duration)	10 (0.1)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	263 (2.8)
CMV retinitis with loss of vision [HIV+]	295 (3.2)
HIV encephalopathy [HIV+]	78 (0.8)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	26 (0.3)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	189 (2.0)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	15 (0.2)
Kaposi's sarcoma (3)	888 (9.5)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	2 (0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	13 (0.1)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	60 (0.6)
Lymphoma, primary in brain (3)	118 (1.3)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	303 (3.2)
Mycobacterium tuberculosis, pulmonary [HIV+]	39 (0.4)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	100 (1.1)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	190 (2.0)
Pneumocystis carinii pneumonia	1392 (14.9)
Pneumonia, recurrent [HIV+]	15 (0.2)
Progressive multifocal leukoencephalopathy	228 (2.4)
Salmonella sepsis, recurrent [HIV+]	4 (0.0)
Toxoplasmosis of brain, >1 month of age	82 (0.9)
Wasting syndrome [HIV+]	615 (6.6)

* Residents of San Francisco at time of initial AIDS diagnosis.

(1) Cases may have more than one condition.

(2) [HIV+]: Indicator conditions that require laboratory evidence of HIV infection.

(3) Laboratory evidence of HIV infection in persons > 60 years of age.