

# QUARTERLY AIDS SURVEILLANCE REPORT

## San Francisco Department of Public Health AIDS Cases Reported Through December 2009

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# AIDS Surveillance Summary

## San Francisco (as of 12/31/09)

Cumulative cases <sup>1</sup> :	28,370
Cumulative deaths:	19,018

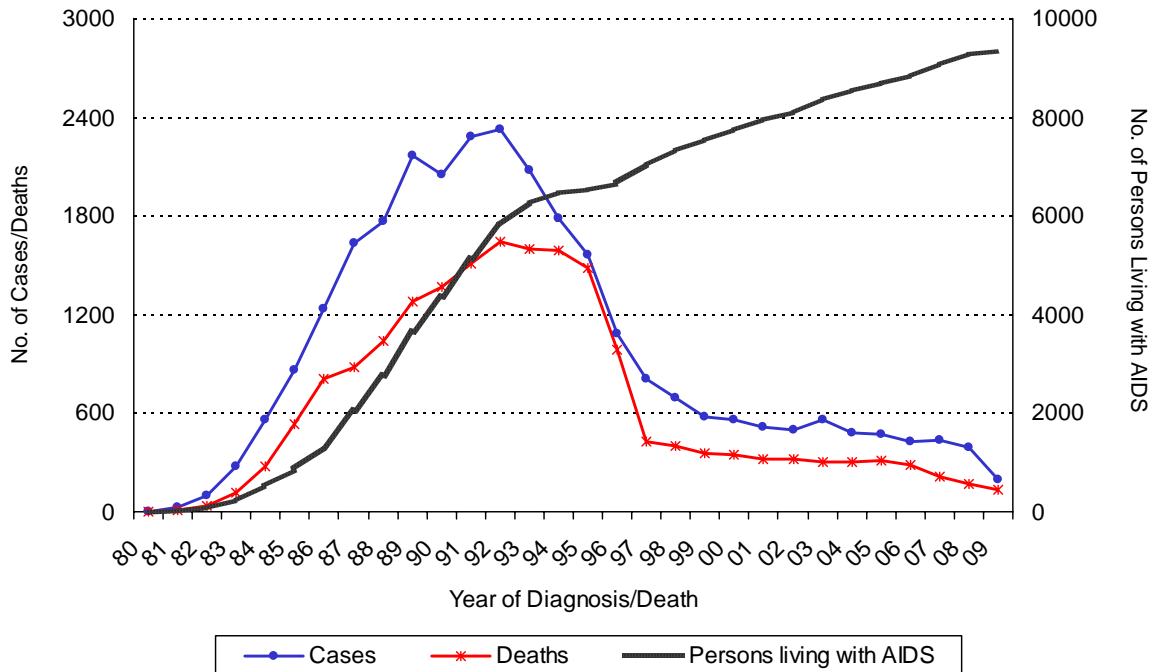
## California (as of 04/30/09)

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

## United States<sup>2</sup> (as of 12/31/07)

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

**San Francisco AIDS Incidence, Mortality, and Prevalence by Year, 1980-2009<sup>3</sup>**



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](http://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 12/31/2009**

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

Transmission Category	No.	( % )
Gay or bisexual male	20874	( 73.7 )
Heterosexual male injection drug user	1409	( 5.0 )
Heterosexual female injection drug user	694	( 2.4 )
Gay or bisexual male injection drug user	4045	( 14.3 )
Lesbian or bisexual injection drug user	60	( 0.2 )
Transgender (1)	401	( 1.4 )
Hemophiliac	16	( 0.1 )
Heterosexual contact male (2)	140	( 0.5 )
Heterosexual contact female (2)	305	( 1.1 )
Transfusion recipient	143	( 0.5 )
Risk not reported/Other (3)	245	( 0.9 )
<b>Total</b>	<b>28332</b>	<b>( 100 )</b>

**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	22264 ( 95.7 )	512 ( 88.4 )	480 ( 86.5 )	453 ( 88.3 )	442 ( 89.3 )	495 ( 88.6 )
Female	773 ( 3.3 )	49 ( 8.5 )	52 ( 9.4 )	45 ( 8.8 )	35 ( 7.1 )	40 ( 7.2 )
Transgender (1)	233 ( 1.0 )	18 ( 3.1 )	23 ( 4.1 )	15 ( 2.9 )	18 ( 3.6 )	24 ( 4.3 )
<b>Total</b>	<b>23270 ( 100 )</b>	<b>579 ( 100 )</b>	<b>555 ( 100 )</b>	<b>513 ( 100 )</b>	<b>495 ( 100 )</b>	<b>559 ( 100 )</b>

Gender	Year of Diagnosis					
	2004 No. ( % )	2005 No. ( % )	2006 No. ( % )	2007 No. ( % )	2008 No. ( % )	2009 No. ( % )
Male	421 ( 88.3 )	419 ( 89.3 )	388 ( 90.2 )	393 ( 89.7 )	343 ( 87.5 )	172 ( 89.1 )
Female	39 ( 8.2 )	37 ( 7.9 )	30 ( 7.0 )	31 ( 7.1 )	40 ( 10.2 )	16 ( 8.3 )
Transgender (1)	17 ( 3.6 )	13 ( 2.8 )	12 ( 2.8 )	14 ( 3.2 )	9 ( 2.3 )	5 ( 2.6 )
<b>Total</b>	<b>477 ( 100 )</b>	<b>469 ( 100 )</b>	<b>430 ( 100 )</b>	<b>438 ( 100 )</b>	<b>392 ( 100 )</b>	<b>193 ( 100 )</b>

\* 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.

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**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. (%)
<b>Adult/Adolescent</b>					
Gay or bisexual male	16075 (80.0)	1555 (43.4)	2541 (73.7)	685 (76.9)	54 (42.9)
Injection drug user (IDU)	736 ( 3.7)	1040 (29.0)	247 ( 7.2)	39 ( 4.4)	18 (14.3)
Gay or bisexual male IDU	2972 (14.8)	668 (18.7)	451 (13.1)	70 ( 7.9)	46 (36.5)
Lesbian or bisexual IDU	27 ( 0.1)	22 ( 0.6)	6 ( 0.2)	2 ( 0.2)	2 ( 1.6)
Hemophiliac	8 ( 0.0)	2 ( 0.1)	5 ( 0.1)	1 ( 0.1)	0 ( 0.0)
Heterosexual (2)	115 ( 0.6)	184 ( 5.1)	100 ( 2.9)	44 ( 4.9)	4 ( 3.2)
Transfusion recipient	68 ( 0.3)	23 ( 0.6)	27 ( 0.8)	19 ( 2.1)	0 ( 0.0)
Risk not reported/Other (3)	81 ( 0.4)	74 ( 2.1)	60 ( 1.7)	26 ( 2.9)	1 ( 0.8)
<b>Pediatric (0-12 years) (4)</b>	<b>8 ( 0.0)</b>	<b>13 ( 0.4)</b>	<b>10 ( 0.3)</b>	<b>5 ( 0.6)</b>	<b>1 ( 0.8)</b>
<b>Total</b>	<b>20090 ( 100)</b>	<b>3581 ( 100)</b>	<b>3447 ( 100)</b>	<b>891 ( 100)</b>	<b>126 ( 100)</b>

**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. (%)
<b>Adult/Adolescent</b>						
Gay or bisexual male	153 (81.0)	80 (83.3)	220 (80.9)	64 (73.6)	9 (81.8)	46 (64.8)
Injection drug user (IDU)	5 ( 2.6)	0 ( 0.0)	8 ( 2.9)	4 ( 4.6)	1 ( 9.1)	9 (12.7)
Gay or bisexual male IDU	9 ( 4.8)	12 (12.5)	21 ( 7.7)	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 ( 1.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
Heterosexual (2)	4 ( 2.1)	1 ( 1.0)	11 ( 4.0)	5 ( 5.7)	0 ( 0.0)	4 ( 5.6)
Transfusion recipient	9 ( 4.8)	1 ( 1.0)	6 ( 2.2)	3 ( 3.4)	0 ( 0.0)	0 ( 0.0)
Risk not reported/Other (3)	7 ( 3.7)	1 ( 1.0)	5 ( 1.8)	4 ( 4.6)	0 ( 0.0)	1 ( 1.4)
<b>Pediatric (0-12 years) (4)</b>	<b>2 ( 1.1)</b>	<b>0 ( 0.0)</b>	<b>1 ( 0.4)</b>	<b>0 ( 0.0)</b>	<b>0 ( 0.0)</b>	<b>0 ( 0.0)</b>
<b>Total</b>	<b>189 ( 100)</b>	<b>96 ( 100)</b>	<b>272 ( 100)</b>	<b>87 ( 100)</b>	<b>11 ( 100)</b>	<b>71 ( 100)</b>

\* 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  
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**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. (%)
<b>Adult/Adolescent</b>						
Gay or bisexual male	17820 (76.6)	360 (62.2)	337 (60.7)	312 (60.8)	309 (62.4)	362 (64.8)
Injection drug user (IDU)	1482 ( 6.4)	81 (14.0)	85 (15.3)	69 (13.5)	64 (12.9)	78 (14.0)
Gay or bisexual male IDU	3391 (14.6)	105 (18.1)	101 (18.2)	90 (17.5)	94 (19.0)	83 (14.8)
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)	19 ( 3.4)	17 ( 3.3)	15 ( 3.0)	21 ( 3.8)
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)	21 ( 4.1)	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)
<b>Total</b>	<b>23270 ( 100)</b>	<b>579 ( 100)</b>	<b>555 ( 100)</b>	<b>513 ( 100)</b>	<b>495 ( 100)</b>	<b>559 ( 100)</b>

Transmission Category (1)	Year of Diagnosis					
	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)	2008 No. (%)	2009 No. (%)
<b>Adult/Adolescent</b>						
Gay or bisexual male	313 (65.6)	296 (63.1)	282 (65.6)	287 (65.5)	248 (63.3)	125 (64.8)
Injection drug user (IDU)	53 (11.1)	55 (11.7)	42 ( 9.8)	42 ( 9.6)	33 ( 8.4)	25 (13.0)
Gay or bisexual male IDU	83 (17.4)	82 (17.5)	75 (17.4)	67 (15.3)	66 (16.8)	22 (11.4)
Lesbian or bisexual IDU	1 ( 0.2)	3 ( 0.6)	2 ( 0.5)	0 ( 0.0)	3 ( 0.8)	2 ( 1.0)
Hemophiliac	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.5)
Heterosexual (2)	14 ( 2.9)	19 ( 4.1)	20 ( 4.7)	32 ( 7.3)	25 ( 6.4)	11 ( 5.7)
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)	9 ( 2.1)	10 ( 2.3)	17 ( 4.3)	7 ( 3.6)
Pediatric (0-12 years) (4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
<b>Total</b>	<b>477 ( 100)</b>	<b>469 ( 100)</b>	<b>430 ( 100)</b>	<b>438 ( 100)</b>	<b>392 ( 100)</b>	<b>193 ( 100)</b>

\* 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.

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**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	1652 ( 8.4)	244 ( 8.4)	444 (14.1)	84 (10.6)	22 (20.2)	2473 ( 9.2)
30 - 39	8793 (44.9)	1154 (39.6)	1501 (47.5)	355 (44.8)	52 (47.7)	11950 (44.6)
40 - 49	6431 (32.8)	973 (33.4)	792 (25.1)	241 (30.4)	22 (20.2)	8515 (31.8)
50 - 59	1930 ( 9.8)	370 (12.7)	233 ( 7.4)	62 ( 7.8)	4 ( 3.7)	2621 ( 9.8)
60 +	475 ( 2.4)	98 ( 3.4)	58 ( 1.8)	21 ( 2.7)	1 ( 0.9)	657 ( 2.5)
Male subtotal	19600 ( 100)	2912 ( 100)	3160 ( 100)	792 ( 100)	109 ( 100)	26782 ( 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 ( 3.0)	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 ( 1.8)	10 ( 6.0)	4 ( 6.3)	1 ( 7.1)	40 ( 3.4)
25 - 29	41 (10.8)	45 ( 8.3)	24 (14.3)	11 (17.2)	1 ( 7.1)	124 (10.4)
30 - 39	151 (39.7)	204 (37.6)	59 (35.1)	25 (39.1)	8 (57.1)	453 (38.2)
40 - 49	102 (26.8)	187 (34.5)	42 (25.0)	16 (25.0)	4 (28.6)	356 (30.0)
50 - 59	38 (10.0)	64 (11.8)	15 ( 8.9)	4 ( 6.3)	0 ( 0.0)	124 (10.4)
60 +	28 ( 7.4)	22 ( 4.1)	11 ( 6.5)	3 ( 4.7)	0 ( 0.0)	67 ( 5.6)
Female subtotal	380 ( 100)	542 ( 100)	168 ( 100)	64 ( 100)	14 ( 100)	1187 ( 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 (21.3)	33 (27.7)	14 (36.8)	96 (23.9)	
30 - 39	52 (47.3)	48 (37.8)	56 (47.1)	17 (44.7)	177 (44.1)	
40 +	36 (32.7)	52 (40.9)	30 (25.2)	7 (18.4)	128 (31.9)	
Transgender subtotal	110 ( 100)	127 ( 100)	119 ( 100)	38 ( 100)	401 ( 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.

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Summary of San Francisco Residents with AIDS\*  
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**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	17252 (74.1)	331 (57.2)	318 (57.3)	297 (57.9)	292 (59.0)	283 (50.6)
African American	2640 (11.3)	100 (17.3)	112 (20.2)	97 (18.9)	88 (17.8)	105 (18.8)
Latino	2528 (10.9)	110 (19.0)	92 (16.6)	73 (14.2)	76 (15.4)	125 (22.4)
Asian/Pacific Islander	593 ( 2.5)	26 ( 4.5)	25 ( 4.5)	34 ( 6.6)	30 ( 6.1)	34 ( 6.1)
Native American	89 ( 0.4)	4 ( 0.7)	2 ( 0.4)	5 ( 1.0)	2 ( 0.4)	6 ( 1.1)
Total (1)	23270 ( 100)	579 ( 100)	555 ( 100)	513 ( 100)	495 ( 100)	559 ( 100)

Race/Ethnicity	Year of Diagnosis					
	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)	2008 No. (%)	2009 No. (%)
White	259 (54.3)	272 (58.0)	242 (56.3)	251 (57.3)	204 (52.0)	89 (46.1)
African American	78 (16.4)	81 (17.3)	79 (18.4)	78 (17.8)	76 (19.4)	47 (24.4)
Latino	109 (22.9)	86 (18.3)	74 (17.2)	73 (16.7)	63 (16.1)	38 (19.7)
Asian/Pacific Islander	21 ( 4.4)	24 ( 5.1)	24 ( 5.6)	29 ( 6.6)	39 ( 9.9)	12 ( 6.2)
Native American	4 ( 0.8)	3 ( 0.6)	6 ( 1.4)	0 ( 0.0)	3 ( 0.8)	2 ( 1.0)
Total (1)	477 ( 100)	469 ( 100)	430 ( 100)	438 ( 100)	392 ( 100)	193 ( 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	19600 (11326.0)	380 ( 231.6)	19980 ( 5926.7)
African American	2912 ( 7812.2)	542 ( 1387.3)	3454 ( 4524.3)
Latino	3160 ( 6158.3)	168 ( 340.1)	3328 ( 3304.3)
Asian/Pacific Islander	792 ( 802.2)	64 ( 59.8)	856 ( 416.2)
Native American	109 ( 7933.0)	14 ( 1110.2)	123 ( 4667.9)
Total (1)	26782 ( 7388.2)	1187 ( 328.4)	27969 ( 3863.3)

\* 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.

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**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	1565	1481	6553
1996	1242	1081	987	6647
1997	1060	804	422	7029
1998	795	695	401	7323
1999	724	579	356	7546
2000	626	555	348	7753
2001	498	513	322	7944
2002	441	495	323	8116
2003	533	559	301	8374
2004	557	477	305	8546
2005	502	469	313	8702
2006	424	430	288	8844
2007	539	438	211	9071
2008	562	392	172	9291
2009	360	193	132	9352
Total	28370	28370	19018	

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

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



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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	302	226	528 ( 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	378	N/A	378 ( 1.3)
Cryptosporidiosis, intestinal (>1 mo. duration)	334	N/A	334 ( 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+]	390	N/A	390 ( 1.4)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	100	N/A	100 ( 0.4)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	26	N/A	26 ( 0.1)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	21	N/A	21 ( 0.1)
Kaposi's sarcoma (5)	2550	293	2843 (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+]	418	N/A	418 ( 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	5095	600	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+]	683	N/A	683 ( 2.4)
CD4 T lymphocyte count <200 or percent <14 [HIV+]	15233	N/A	15233 (53.7)
Any AIDS indicator condition and HIV-negative and CD4 count <400 (6)	4	N/A	4 ( 0.0)
<b>Total</b>	<b>26877</b>	<b>1493</b>	<b>28370 ( 100)</b>

\* 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.

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**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	136 ( 0.5)
Candidiasis of esophagus	2546 ( 9.0)
Cervical cancer, invasive [HIV+]	11 ( 0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	60 ( 0.2)
Cryptococcosis, extrapulmonary	1848 ( 6.5)
Cryptosporidiosis, intestinal (>1 mo. duration)	1374 ( 4.8)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	2447 ( 8.6)
CMV retinitis with loss of vision [HIV+]	2487 ( 8.8)
HIV encephalopathy [HIV+]	2476 ( 8.7)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	436 ( 1.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	158 ( 0.6)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	67 ( 0.2)
Kaposi's sarcoma (3)	6702 (23.6)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	5 ( 0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	541 ( 1.9)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	1129 ( 4.0)
Lymphoma, primary in brain (3)	390 ( 1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	5067 (17.9)
Mycobacterium tuberculosis, pulmonary [HIV+]	653 ( 2.3)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	476 ( 1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	332 ( 1.2)
Pneumocystis carinii pneumonia	10957 (38.6)
Pneumonia, recurrent [HIV+]	1003 ( 3.5)
Progressive multifocal leukoencephalopathy	309 ( 1.1)
Salmonella sepsis, recurrent [HIV+]	58 ( 0.2)
Toxoplasmosis of brain, >1 month of age	1158 ( 4.1)
Wasting syndrome [HIV+]	4326 (15.2)

\* 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.

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

Transmission Category	No.	(%)
Gay or bisexual male	6683	(71.6)
Heterosexual male injection drug user	475	( 5.1)
Heterosexual female injection drug user	280	( 3.0)
Gay or bisexual male injection drug user	1257	(13.5)
Lesbian or bisexual injection drug user	27	( 0.3)
Transgender (1)	200	( 2.1)
Hemophiliac	5	( 0.1)
Heterosexual contact male (2)	87	( 0.9)
Heterosexual contact female (2)	179	( 1.9)
Transfusion recipient	20	( 0.2)
Risk not reported/Other (3)	125	( 1.3)
<b>Total</b>	<b>9338</b>	<b>( 100)</b>

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

Transmission Category	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)
<b>Adult/Adolescent</b>					
Gay or bisexual male	4696 (78.8)	554 (42.1)	1120 (74.9)	354 (75.2)	24 (42.9)
Injection drug user (IDU)	271 ( 4.5)	365 (27.7)	86 ( 5.7)	19 ( 4.0)	10 (17.9)
Gay or bisexual male IDU	871 (14.6)	233 (17.7)	181 (12.1)	39 ( 8.3)	17 (30.4)
Lesbian or bisexual IDU	12 ( 0.2)	12 ( 0.9)	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 ( 8.1)	69 ( 4.6)	33 ( 7.0)	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)	38 ( 2.9)	29 ( 1.9)	16 ( 3.4)	0 ( 0.0)
<b>Pediatric (0-12 years) (4)</b>	<b>0 ( 0.0)</b>	<b>4 ( 0.3)</b>	<b>5 ( 0.3)</b>	<b>3 ( 0.6)</b>	<b>1 ( 1.8)</b>
<b>Total</b>	<b>5957 ( 100)</b>	<b>1317 ( 100)</b>	<b>1496 ( 100)</b>	<b>471 ( 100)</b>	<b>56 ( 100)</b>

\* 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.

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**Table 14. Living AIDS Cases by Gender, Race/Ethnicity and Age as of 12/31/2009, 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	0 ( 0.0)	1 ( 0.1)	1 ( 0.1)	0 ( 0.0)	0 ( 0.0)	2 ( 0.0)
20 - 24	5 ( 0.1)	7 ( 0.7)	8 ( 0.6)	3 ( 0.7)	2 ( 4.3)	26 ( 0.3)
25 - 29	36 ( 0.6)	8 ( 0.8)	34 ( 2.5)	10 ( 2.5)	3 ( 6.4)	92 ( 1.1)
30 - 39	430 ( 7.5)	85 ( 8.4)	211 (15.7)	79 (19.5)	2 ( 4.3)	825 ( 9.6)
40 - 49	2073 (36.0)	389 (38.4)	615 (45.8)	158 (39.0)	27 (57.4)	3278 (38.0)
50 - 59	2256 (39.2)	373 (36.8)	350 (26.1)	111 (27.4)	11 (23.4)	3113 (36.1)
60 +	960 (16.7)	150 (14.8)	123 ( 9.2)	44 (10.9)	2 ( 4.3)	1281 (14.9)
Male subtotal	5760 ( 100)	1013 ( 100)	1343 ( 100)	405 ( 100)	47 ( 100)	8619 ( 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 ( 3.3)	1 ( 2.4)	0 ( 0.0)	5 ( 0.9)
20 - 24	0 ( 0.0)	2 ( 0.8)	1 ( 1.1)	0 ( 0.0)	0 ( 0.0)	3 ( 0.6)
25 - 29	3 ( 2.0)	5 ( 2.1)	5 ( 5.6)	4 ( 9.8)	0 ( 0.0)	17 ( 3.2)
30 - 39	16 (10.6)	31 (12.9)	19 (21.1)	11 (26.8)	2 (28.6)	81 (15.2)
40 - 49	72 (47.7)	71 (29.6)	25 (27.8)	13 (31.7)	2 (28.6)	185 (34.7)
50 - 59	46 (30.5)	103 (42.9)	25 (27.8)	9 (22.0)	3 (42.9)	186 (34.9)
60 +	14 ( 9.3)	27 (11.3)	12 (13.3)	3 ( 7.3)	0 ( 0.0)	56 (10.5)
Female subtotal	151 ( 100)	240 ( 100)	90 ( 100)	41 ( 100)	7 ( 100)	533 ( 100)
Transgender (2) Current Age (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander Native American No. (%)	Total (1) No. (%)	
13 - 39	8 (17.4)	12 (18.8)	22 (34.9)	8 (29.6)	50 (25.0)	
40 +	38 (82.6)	52 (81.3)	41 (65.1)	19 (70.4)	150 (75.0)	
Transgender subtotal	46 ( 100)	64 ( 100)	63 ( 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.

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**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	52	54	106 ( 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	47	N/A	47 ( 0.5)
Cryptosporidiosis, intestinal (>1 mo. duration)	106	N/A	106 ( 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+]	60	N/A	60 ( 0.6)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	16	N/A	16 ( 0.2)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	9	N/A	9 ( 0.1)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	7	N/A	7 ( 0.1)
Kaposi's sarcoma (5)	321	68	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+]	47	N/A	47 ( 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+]	73	7	80 ( 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	410	142	552 ( 5.9)
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+]	7541	N/A	7541 (80.6)
Any AIDS indicator condition and HIV-negative and CD4 count <400 (6)	1	N/A	1 ( 0.0)
<b>Total</b>	<b>9025</b>	<b>327</b>	<b>9352 ( 100)</b>

\* 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.

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**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	23 ( 0.2)
Candidiasis of esophagus	446 ( 4.8)
Cervical cancer, invasive [HIV+]	1 ( 0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	10 ( 0.1)
Cryptococcosis, extrapulmonary	264 ( 2.8)
Cryptosporidiosis, intestinal (>1 mo. duration)	293 ( 3.1)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	207 ( 2.2)
CMV retinitis with loss of vision [HIV+]	199 ( 2.1)
HIV encephalopathy [HIV+]	191 ( 2.0)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	86 ( 0.9)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	26 ( 0.3)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	15 ( 0.2)
Kaposi's sarcoma (3)	884 ( 9.5)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	2 ( 0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	60 ( 0.6)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	115 ( 1.2)
Lymphoma, primary in brain (3)	13 ( 0.1)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	304 ( 3.3)
Mycobacterium tuberculosis, pulmonary [HIV+]	188 ( 2.0)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	100 ( 1.1)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	39 ( 0.4)
Pneumocystis carinii pneumonia	1396 (14.9)
Pneumonia, recurrent [HIV+]	230 ( 2.5)
Progressive multifocal leukoencephalopathy	15 ( 0.2)
Salmonella sepsis, recurrent [HIV+]	4 ( 0.0)
Toxoplasmosis of brain, >1 month of age	83 ( 0.9)
Wasting syndrome [HIV+]	614 ( 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.