

# QUARTERLY AIDS SURVEILLANCE REPORT

## San Francisco Department of Public Health AIDS Cases Reported Through December 2007

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# AIDS Surveillance Summary

## San Francisco (as of 12/31/07)

Cumulative cases <sup>1</sup> :	27,520
Cumulative deaths:	18,592

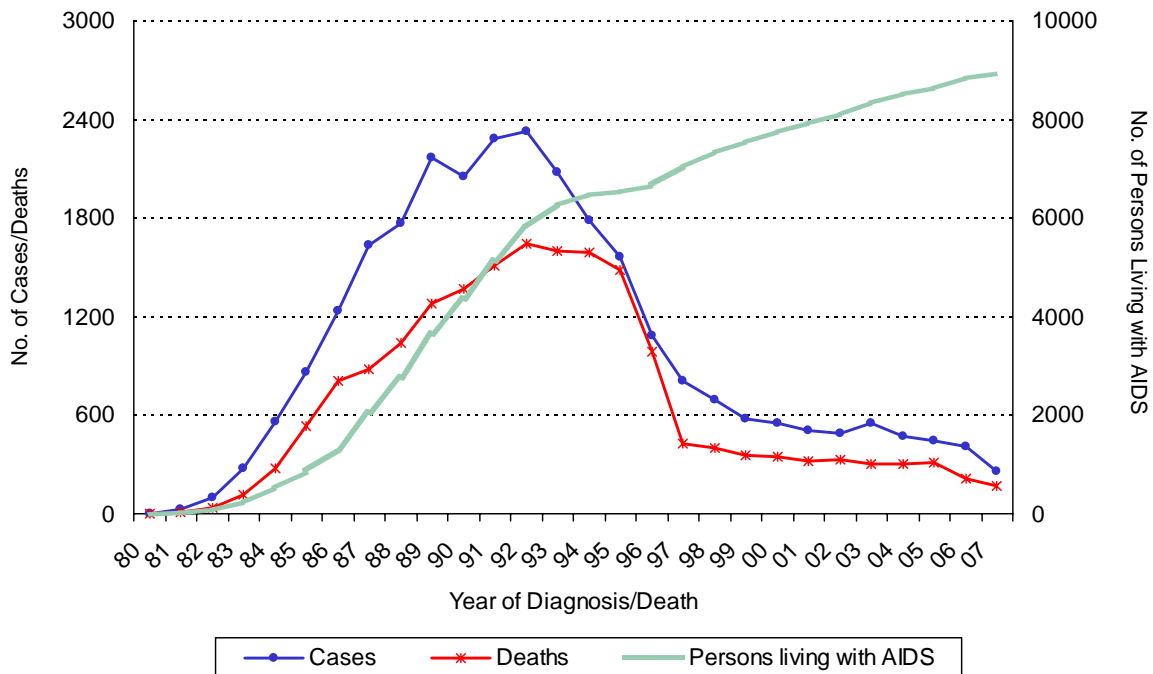
## California (as of 11/30/07)

Cumulative cases:	147,671
Cumulative deaths:	84,467

## United States<sup>2</sup> (as of 12/31/05)

Cumulative cases:	984,155
Cumulative deaths:	550,394

**San Francisco AIDS Incidence, Mortality, and Prevalence by Year, 1980-2007<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.
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 12/31/2007**

**Table 1. Adult/Adolescent AIDS Cases (>12 years) by Transmission Category, San Francisco, 1980-2007**

Transmission Category	No.	(%)
Gay or bisexual male	20357	(74.1)
Heterosexual male injection drug user	1383	( 5.0)
Heterosexual female injection drug user	663	( 2.4)
Gay or bisexual male injection drug user	3874	(14.1)
Lesbian or bisexual injection drug user	54	( 0.2)
Transgender (1)	370	( 1.3)
Hemophiliac	16	( 0.1)
Heterosexual contact male (2)	115	( 0.4)
Heterosexual contact female (2)	279	( 1.0)
Transfusion recipient	143	( 0.5)
Risk not reported/Other (3)	228	( 0.8)
<b>Total</b>	<b>27482</b>	<b>( 100)</b>

**Table 2. AIDS Cases by Gender and Year of Diagnosis, San Francisco, 1980-2007**

Gender	Year of Diagnosis					
	< 1997 No. (%)	1997 No. (%)	1998 No. (%)	1999 No. (%)	2000 No. (%)	2001 No. (%)
Male	20901 (96.0)	739 (91.5)	627 (90.3)	514 (88.6)	478 (86.8)	445 (88.3)
Female	676 ( 3.1)	49 ( 6.1)	50 ( 7.2)	48 ( 8.3)	52 ( 9.4)	45 ( 8.9)
Transgender (1)	194 ( 0.9)	20 ( 2.5)	17 ( 2.4)	18 ( 3.1)	21 ( 3.8)	14 ( 2.8)
<b>Total</b>	<b>21771 ( 100)</b>	<b>808 ( 100)</b>	<b>694 ( 100)</b>	<b>580 ( 100)</b>	<b>551 ( 100)</b>	<b>504 ( 100)</b>

Gender	Year of Diagnosis					
	2002 No. (%)	2003 No. (%)	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)
Male	439 (89.2)	484 (88.6)	414 (88.7)	397 (89.0)	365 (89.9)	227 (89.0)
Female	35 ( 7.1)	39 ( 7.1)	39 ( 8.4)	36 ( 8.1)	30 ( 7.4)	21 ( 8.2)
Transgender (1)	18 ( 3.7)	23 ( 4.2)	14 ( 3.0)	13 ( 2.9)	11 ( 2.7)	7 ( 2.7)
<b>Total</b>	<b>492 ( 100)</b>	<b>546 ( 100)</b>	<b>467 ( 100)</b>	<b>446 ( 100)</b>	<b>406 ( 100)</b>	<b>255 ( 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, 1980-2007**

Transmission Category (1)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander No. (%)	Native American No. (%)
Adult/Adolescent					
Gay or bisexual male	15870 (80.3)	1535 (43.8)	2358 (73.7)	668 (76.7)	68 (46.6)
Injection drug user (IDU)	725 (3.7)	1029 (29.4)	230 (7.2)	44 (5.1)	20 (13.7)
Gay or bisexual male IDU	2878 (14.6)	652 (18.6)	418 (13.1)	69 (7.9)	51 (34.9)
Lesbian or bisexual IDU	25 (0.1)	20 (0.6)	6 (0.2)	2 (0.2)	1 (0.7)
Hemophiliac	8 (0.0)	2 (0.1)	5 (0.2)	1 (0.1)	0 (0.0)
Heterosexual (2)	113 (0.6)	157 (4.5)	87 (2.7)	35 (4.0)	4 (2.7)
Transfusion recipient	69 (0.3)	26 (0.7)	26 (0.8)	22 (2.5)	0 (0.0)
Risk not reported/Other (3)	70 (0.4)	69 (2.0)	61 (1.9)	25 (2.9)	1 (0.7)
Pediatric (0-12 years) (4)	8 (0.0)	13 (0.4)	10 (0.3)	5 (0.6)	1 (0.7)
Total	19766 (100)	3503 (100)	3201 (100)	871 (100)	146 (100)

**Table 4. AIDS Cases by Transmission Category and Asian/Pacific Islander Ethnicity, San Francisco, 1980-2007**

Transmission Category (1)	Chinese No. (%)	Japanese No. (%)	Filipino No. (%)	Southeast Asian No. (%)	Korean No. (%)	Pacific Islander No. (%)
Adult/Adolescent						
Gay or bisexual male	153 (79.3)	85 (84.2)	221 (80.1)	59 (72.8)	9 (75.0)	44 (64.7)
Injection drug user (IDU)	8 (4.1)	0 (0.0)	9 (3.3)	4 (4.9)	2 (16.7)	9 (13.2)
Gay or bisexual male IDU	8 (4.1)	12 (11.9)	21 (7.6)	7 (8.6)	1 (8.3)	8 (11.8)
Lesbian or bisexual IDU	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (2.9)
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)	12 (4.3)	5 (6.2)	0 (0.0)	4 (5.9)
Transfusion recipient	11 (5.7)	1 (1.0)	7 (2.5)	3 (3.7)	0 (0.0)	0 (0.0)
Risk not reported/Other (3)	7 (3.6)	1 (1.0)	5 (1.8)	3 (3.7)	0 (0.0)	1 (1.5)
Pediatric (0-12 years) (4)	2 (1.0)	0 (0.0)	1 (0.4)	0 (0.0)	0 (0.0)	0 (0.0)
Total	193 (100)	101 (100)	276 (100)	81 (100)	12 (100)	68 (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.

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**Table 5. AIDS Cases by Transmission Category and Year of Diagnosis, San Francisco, 1980-2007**

Transmission Category (1)	Year of Diagnosis					
	< 1997 No. (%)	1997 No. (%)	1998 No. (%)	1999 No. (%)	2000 No. (%)	2001 No. (%)
Adult/Adolescent						
Gay or bisexual male	16845 (77.4)	555 (68.7)	443 (63.8)	361 (62.2)	334 (60.6)	309 (61.3)
Injection drug user (IDU)	1294 ( 5.9)	106 (13.1)	90 (13.0)	81 (14.0)	88 (16.0)	69 (13.7)
Gay or bisexual male IDU	3113 (14.3)	115 (14.2)	136 (19.6)	103 (17.8)	98 (17.8)	84 (16.7)
Lesbian or bisexual IDU	31 ( 0.1)	2 ( 0.2)	3 ( 0.4)	1 ( 0.2)	3 ( 0.5)	3 ( 0.6)
Hemophiliac	15 ( 0.1)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
Heterosexual (2)	207 ( 1.0)	16 ( 2.0)	13 ( 1.9)	18 ( 3.1)	18 ( 3.3)	17 ( 3.4)
Transfusion recipient	138 ( 0.6)	2 ( 0.2)	0 ( 0.0)	1 ( 0.2)	0 ( 0.0)	1 ( 0.2)
Risk not reported/Other (3)	95 ( 0.4)	11 ( 1.4)	9 ( 1.3)	14 ( 2.4)	9 ( 1.6)	21 ( 4.2)
Pediatric (0-12 years) (4)	33 ( 0.2)	1 ( 0.1)	0 ( 0.0)	1 ( 0.2)	1 ( 0.2)	0 ( 0.0)
<b>Total</b>	<b>21771 ( 100)</b>	<b>808 ( 100)</b>	<b>694 ( 100)</b>	<b>580 ( 100)</b>	<b>551 ( 100)</b>	<b>504 ( 100)</b>

Transmission Category (1)	Year of Diagnosis					
	2002 No. (%)	2003 No. (%)	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)
Adult/Adolescent						
Gay or bisexual male	308 (62.6)	356 (65.2)	306 (65.5)	277 (62.1)	265 (65.3)	159 (62.4)
Injection drug user (IDU)	65 (13.2)	80 (14.7)	54 (11.6)	55 (12.3)	42 (10.3)	28 (11.0)
Gay or bisexual male IDU	91 (18.5)	75 (13.7)	78 (16.7)	76 (17.0)	67 (16.5)	38 (14.9)
Lesbian or bisexual IDU	2 ( 0.4)	3 ( 0.5)	1 ( 0.2)	3 ( 0.7)	2 ( 0.5)	0 ( 0.0)
Hemophiliac	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.2)	0 ( 0.0)
Heterosexual (2)	14 ( 2.8)	19 ( 3.5)	16 ( 3.4)	20 ( 4.5)	19 ( 4.7)	20 ( 7.8)
Transfusion recipient	1 ( 0.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
Risk not reported/Other (3)	10 ( 2.0)	12 ( 2.2)	12 ( 2.6)	15 ( 3.4)	10 ( 2.5)	10 ( 3.9)
Pediatric (0-12 years) (4)	1 ( 0.2)	1 ( 0.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
<b>Total</b>	<b>492 ( 100)</b>	<b>546 ( 100)</b>	<b>467 ( 100)</b>	<b>446 ( 100)</b>	<b>406 ( 100)</b>	<b>255 ( 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, 1980-2007**

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 ( 0.8)	19 ( 0.1)
13 - 19	10 ( 0.1)	0 ( 0.0)	14 ( 0.5)	1 ( 0.1)	2 ( 1.6)	27 ( 0.1)
20 - 24	304 ( 1.6)	66 ( 2.3)	97 ( 3.3)	23 ( 3.0)	5 ( 3.9)	496 ( 1.9)
25 - 29	1637 ( 8.5)	250 ( 8.7)	421 (14.3)	85 (11.0)	23 (17.8)	2420 ( 9.3)
30 - 39	8725 (45.2)	1173 (40.9)	1420 (48.3)	347 (44.8)	64 (49.6)	11740 (45.1)
40 - 49	6292 (32.6)	934 (32.6)	721 (24.5)	232 (29.9)	28 (21.7)	8213 (31.6)
50 - 59	1859 ( 9.6)	351 (12.2)	207 ( 7.0)	63 ( 8.1)	5 ( 3.9)	2490 ( 9.6)
60 +	459 ( 2.4)	91 ( 3.2)	54 ( 1.8)	20 ( 2.6)	1 ( 0.8)	625 ( 2.4)
Male subtotal	19290 ( 100)	2869 ( 100)	2939 ( 100)	775 ( 100)	129 ( 100)	26030 ( 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 ( 3.3)	1 ( 1.5)	0 ( 0.0)	19 ( 1.7)
13 - 19	1 ( 0.3)	1 ( 0.2)	2 ( 1.3)	0 ( 0.0)	0 ( 0.0)	4 ( 0.4)
20 - 24	14 ( 3.8)	9 ( 1.7)	10 ( 6.6)	4 ( 6.2)	1 ( 7.7)	38 ( 3.4)
25 - 29	41 (11.1)	43 ( 8.3)	23 (15.1)	11 (16.9)	1 ( 7.7)	120 (10.7)
30 - 39	150 (40.7)	203 (39.3)	49 (32.2)	20 (30.8)	8 (61.5)	433 (38.7)
40 - 49	98 (26.6)	179 (34.6)	39 (25.7)	20 (30.8)	3 (23.1)	339 (30.3)
50 - 59	32 ( 8.7)	50 ( 9.7)	15 ( 9.9)	6 ( 9.2)	0 ( 0.0)	103 ( 9.2)
60 +	29 ( 7.9)	23 ( 4.4)	9 ( 5.9)	3 ( 4.6)	0 ( 0.0)	64 ( 5.7)
Female subtotal	369 ( 100)	517 ( 100)	152 ( 100)	65 ( 100)	13 ( 100)	1120 ( 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 (20.6)	26 (22.2)	29 (26.4)	11 (31.4)	88 (23.8)	
30 - 39	52 (48.6)	42 (35.9)	54 (49.1)	16 (45.7)	165 (44.6)	
40 +	33 (30.8)	49 (41.9)	27 (24.5)	8 (22.9)	117 (31.6)	
Transgender subtotal	107 ( 100)	117 ( 100)	110 ( 100)	35 ( 100)	370 ( 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 7. AIDS Cases by Race/Ethnicity and Year of Diagnosis, San Francisco, 1980-2007**

Race/Ethnicity	Year of Diagnosis					
	< 1997 No. (%)	1997 No. (%)	1998 No. (%)	1999 No. (%)	2000 No. (%)	2001 No. (%)
White	16370 (75.2)	516 (63.9)	445 (64.1)	340 (58.6)	320 (58.1)	293 (58.1)
African American	2437 (11.2)	147 (18.2)	141 (20.3)	105 (18.1)	111 (20.1)	100 (19.8)
Latino	2272 (10.4)	110 (13.6)	76 (11.0)	103 (17.8)	88 (16.0)	70 (13.9)
Asian/Pacific Islander	581 ( 2.7)	30 ( 3.7)	28 ( 4.0)	26 ( 4.5)	27 ( 4.9)	33 ( 6.5)
Native American	102 ( 0.5)	4 ( 0.5)	3 ( 0.4)	5 ( 0.9)	5 ( 0.9)	6 ( 1.2)
Total (1)	21771 ( 100)	808 ( 100)	694 ( 100)	580 ( 100)	551 ( 100)	504 ( 100)

Race/Ethnicity	Year of Diagnosis					
	2002 No. (%)	2003 No. (%)	2004 No. (%)	2005 No. (%)	2006 No. (%)	2007 No. (%)
White	294 (59.8)	280 (51.3)	262 (56.1)	258 (57.8)	227 (55.9)	161 (63.1)
African American	86 (17.5)	104 (19.0)	75 (16.1)	79 (17.7)	76 (18.7)	42 (16.5)
Latino	74 (15.0)	120 (22.0)	102 (21.8)	81 (18.2)	70 (17.2)	35 (13.7)
Asian/Pacific Islander	30 ( 6.1)	32 ( 5.9)	19 ( 4.1)	24 ( 5.4)	25 ( 6.2)	16 ( 6.3)
Native American	3 ( 0.6)	6 ( 1.1)	4 ( 0.9)	3 ( 0.7)	5 ( 1.2)	0 ( 0.0)
Total (1)	492 ( 100)	546 ( 100)	467 ( 100)	446 ( 100)	406 ( 100)	255 ( 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	19290 (11146.9)	369 ( 224.9)	19659 ( 5831.5)
African American	2869 ( 7696.8)	517 ( 1323.3)	3386 ( 4435.2)
Latino	2939 ( 5727.6)	152 ( 307.7)	3091 ( 3069.0)
Asian/Pacific Islander	775 ( 784.9)	65 ( 60.8)	840 ( 408.4)
Native American	129 ( 9388.6)	13 ( 1030.9)	142 ( 5389.0)
Total (1)	26030 ( 7180.7)	1120 ( 309.9)	27150 ( 3750.2)

\* 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, 1980-2007**

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	1762	1038	2765
1989	1585	2162	1275	3652
1990	1687	2048	1364	4336
1991	1685	2284	1505	5115
1992	1639	2326	1641	5800
1993	4272	2074	1599	6275
1994	1916	1787	1592	6470
1995	1635	1562	1483	6549
1996	1246	1083	987	6645
1997	1061	808	422	7031
1998	795	694	401	7324
1999	726	580	355	7549
2000	628	551	348	7752
2001	498	504	322	7934
2002	441	492	324	8102
2003	533	546	301	8347
2004	558	467	304	8510
2005	515	446	314	8642
2006	435	406	209	8839
2007	572	255	166	8928
Total	27520	27520	18592	

\* 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, 1980-2007**

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	24	N/A	24 ( 0.1)
Candidiasis of esophagus	297	222	519 ( 1.9)
Cervical cancer, invasive [HIV+]	5	N/A	5 ( 0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	7	N/A	7 ( 0.0)
Cryptococcosis, extrapulmonary	376	N/A	376 ( 1.4)
Cryptosporidiosis, intestinal (>1 mo. duration)	332	N/A	332 ( 1.2)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	202	N/A	202 ( 0.7)
CMV retinitis with loss of vision [HIV+]	0	113	113 ( 0.4)
HIV encephalopathy [HIV+]	385	N/A	385 ( 1.4)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	96	N/A	96 ( 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)	2539	283	2822 (10.3)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	4	0	4 ( 0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	103	N/A	103 ( 0.4)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	415	N/A	415 ( 1.5)
Lymphoma, primary in brain (5)	41	N/A	41 ( 0.1)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	256	3	259 ( 0.9)
Mycobacterium tuberculosis, pulmonary [HIV+]	197	13	210 ( 0.8)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	142	5	147 ( 0.5)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	16	11	27 ( 0.1)
Pneumocystis carinii pneumonia	5076	589	5665 (20.6)
Pneumonia, recurrent [HIV+]	219	24	243 ( 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	44	199	243 ( 0.9)
Wasting syndrome [HIV+]	676	N/A	676 ( 2.5)
CD4 T lymphocyte count <200 or percent <14 [HIV+]	14490	N/A	14490 (52.7)
Any AIDS indicator condition and HIV-negative and CD4 count <400 (6)	4	N/A	4 ( 0.0)
<b>Total</b>	<b>26058</b>	<b>1462</b>	<b>27520 ( 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, 1980-2007**

AIDS Indicator Condition (1)	Total No. (%)
Bacterial infections, recurrent, <13 years [HIV+(2)]	11 ( 0.0)
Candidiasis of bronchi, trachea, or lungs	135 ( 0.5)
Candidiasis of esophagus	2482 ( 9.0)
Cervical cancer, invasive [HIV+]	11 ( 0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	59 ( 0.2)
Cryptococcosis, extrapulmonary	1816 ( 6.6)
Cryptosporidiosis, intestinal (>1 mo. duration)	1364 ( 5.0)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	2418 ( 8.8)
CMV retinitis with loss of vision [HIV+]	2474 ( 9.0)
HIV encephalopathy [HIV+]	2456 ( 8.9)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	409 ( 1.5)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	154 ( 0.6)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	67 ( 0.2)
Kaposi's sarcoma (3)	6643 (24.1)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	5 ( 0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	532 ( 1.9)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	1113 ( 4.0)
Lymphoma, primary in brain (3)	387 ( 1.4)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	5041 (18.3)
Mycobacterium tuberculosis, pulmonary [HIV+]	633 ( 2.3)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	469 ( 1.7)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	326 ( 1.2)
Pneumocystis carinii pneumonia	10860 (39.5)
Pneumonia, recurrent [HIV+]	983 ( 3.6)
Progressive multifocal leukoencephalopathy	301 ( 1.1)
Salmonella sepsis, recurrent [HIV+]	57 ( 0.2)
Toxoplasmosis of brain, >1 month of age	1151 ( 4.2)
Wasting syndrome [HIV+]	4295 (15.6)

\* 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.

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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	6402	(71.8)
Heterosexual male injection drug user	477	( 5.4)
Heterosexual female injection drug user	277	( 3.1)
Gay or bisexual male injection drug user	1173	(13.2)
Lesbian or bisexual injection drug user	27	( 0.3)
Transgender (1)	191	( 2.1)
Hemophiliac	5	( 0.1)
Heterosexual contact male (2)	66	( 0.7)
Heterosexual contact female (2)	158	( 1.8)
Transfusion recipient	21	( 0.2)
Risk not reported/Other (3)	117	( 1.3)
<b>Total</b>	<b>8914</b>	<b>( 100)</b>

**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.	(%)
<b>Adult/Adolescent</b>										
Gay or bisexual male	4598	(79.1)	515	(41.3)	1025	(74.4)	314	(74.9)	25	(47.2)
Injection drug user (IDU)	276	( 4.7)	368	(29.5)	82	( 6.0)	19	( 4.5)	9	(17.0)
Gay or bisexual male IDU	826	(14.2)	223	(17.9)	169	(12.3)	36	( 8.6)	15	(28.3)
Lesbian or bisexual IDU	13	( 0.2)	12	( 1.0)	1	( 0.1)	1	( 0.2)	0	( 0.0)
Hemophiliac	3	( 0.1)	2	( 0.2)	0	( 0.0)	0	( 0.0)	0	( 0.0)
Heterosexual (2)	55	( 0.9)	85	( 6.8)	58	( 4.2)	24	( 5.7)	3	( 5.7)
Transfusion recipient	7	( 0.1)	3	( 0.2)	5	( 0.4)	6	( 1.4)	0	( 0.0)
Risk not reported/Other (3)	33	( 0.6)	35	( 2.8)	32	( 2.3)	16	( 3.8)	0	( 0.0)
<b>Pediatric (0-12 years) (4)</b>	<b>0</b>	<b>( 0.0)</b>	<b>4</b>	<b>( 0.3)</b>	<b>5</b>	<b>( 0.4)</b>	<b>3</b>	<b>( 0.7)</b>	<b>1</b>	<b>( 1.9)</b>
<b>Total</b>	<b>5811</b>	<b>( 100)</b>	<b>1247</b>	<b>( 100)</b>	<b>1377</b>	<b>( 100)</b>	<b>419</b>	<b>( 100)</b>	<b>53</b>	<b>( 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 12/31/2007, 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)	0 ( 0.0)	1 ( 0.1)	2 ( 0.6)	1 ( 2.2)	4 ( 0.0)
20 - 24	5 ( 0.1)	3 ( 0.3)	7 ( 0.6)	1 ( 0.3)	1 ( 2.2)	17 ( 0.2)
25 - 29	42 ( 0.7)	8 ( 0.8)	34 ( 2.8)	7 ( 1.9)	3 ( 6.5)	96 ( 1.2)
30 - 39	523 ( 9.3)	109 (11.3)	245 (19.9)	77 (21.3)	7 (15.2)	963 (11.7)
40 - 49	2298 (41.0)	376 (39.1)	579 (47.0)	141 (39.0)	26 (56.5)	3429 (41.7)
50 - 59	2010 (35.8)	339 (35.2)	278 (22.5)	100 (27.6)	8 (17.4)	2738 (33.3)
60 +	732 (13.0)	127 (13.2)	88 ( 7.1)	34 ( 9.4)	0 ( 0.0)	982 (11.9)
<b>Male subtotal</b>	<b>5610 ( 100)</b>	<b>962 ( 100)</b>	<b>1233 ( 100)</b>	<b>362 ( 100)</b>	<b>46 ( 100)</b>	<b>8231 ( 100)</b>
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)	1 ( 1.2)	0 ( 0.0)	0 ( 0.0)	1 ( 0.2)
13 - 19	0 ( 0.0)	3 ( 1.3)	2 ( 2.4)	1 ( 2.8)	0 ( 0.0)	6 ( 1.2)
20 - 24	0 ( 0.0)	1 ( 0.4)	1 ( 1.2)	0 ( 0.0)	0 ( 0.0)	2 ( 0.4)
25 - 29	2 ( 1.3)	2 ( 0.9)	6 ( 7.1)	6 (16.7)	1 (20.0)	17 ( 3.4)
30 - 39	27 (17.5)	38 (16.9)	17 (20.2)	8 (22.2)	0 ( 0.0)	92 (18.2)
40 - 49	68 (44.2)	79 (35.1)	28 (33.3)	11 (30.6)	3 (60.0)	189 (37.4)
50 - 59	47 (30.5)	80 (35.6)	21 (25.0)	8 (22.2)	1 (20.0)	157 (31.0)
60 +	10 ( 6.5)	22 ( 9.8)	8 ( 9.5)	2 ( 5.6)	0 ( 0.0)	42 ( 8.3)
<b>Female subtotal</b>	<b>154 ( 100)</b>	<b>225 ( 100)</b>	<b>84 ( 100)</b>	<b>36 ( 100)</b>	<b>5 ( 100)</b>	<b>506 ( 100)</b>
Transgender (2) Current Age (Years)	White No. (%)	African American No. (%)	Latino No. (%)	Asian/ Pacific Islander Native American No. (%)	Total (1) No. (%)	
13 - 39	13 (27.7)	11 (18.3)	22 (36.7)	7 (30.4)	53 (27.7)	
40 +	34 (72.3)	49 (81.7)	38 (63.3)	16 (69.6)	138 (72.3)	
<b>Transgender subtotal</b>	<b>47 ( 100)</b>	<b>60 ( 100)</b>	<b>60 ( 100)</b>	<b>23 ( 100)</b>	<b>191 ( 100)</b>	

\* 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	5	N/A	5 ( 0.1)
Candidiasis of esophagus	48	52	100 ( 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	48	N/A	48 ( 0.5)
Cryptosporidiosis, intestinal (>1 mo. duration)	107	N/A	107 ( 1.2)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	23	N/A	23 ( 0.3)
CMV retinitis with loss of vision [HIV+]	0	22	22 ( 0.2)
HIV encephalopathy [HIV+]	58	N/A	58 ( 0.6)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	14	N/A	14 ( 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)	321	63	384 ( 4.3)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	2	0	2 ( 0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	21	N/A	21 ( 0.2)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	46	N/A	46 ( 0.5)
Lymphoma, primary in brain (5)	2	N/A	2 ( 0.0)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	18	0	18 ( 0.2)
Mycobacterium tuberculosis, pulmonary [HIV+]	78	5	83 ( 0.9)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	36	2	38 ( 0.4)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	2	2	4 ( 0.0)
Pneumocystis carinii pneumonia	410	137	547 ( 6.1)
Pneumonia, recurrent [HIV+]	82	8	90 ( 1.0)
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	9	22	31 ( 0.3)
Wasting syndrome [HIV+]	137	N/A	137 ( 1.5)
CD4 T lymphocyte count <200 or percent <14 [HIV+]	7123	N/A	7123 (79.8)
Any AIDS indicator condition and HIV-negative and CD4 count <400 (6)	1	N/A	1 ( 0.0)
<b>Total</b>	<b>8615</b>	<b>313</b>	<b>8928 ( 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	22 ( 0.2)
Candidiasis of esophagus	426 ( 4.8)
Cervical cancer, invasive [HIV+]	1 ( 0.0)
Coccidioidomycosis, disseminated or extrapulmonary [HIV+]	10 ( 0.1)
Cryptococcosis, extrapulmonary	260 ( 2.9)
Cryptosporidiosis, intestinal (>1 mo. duration)	299 ( 3.3)
Cytomegalovirus (except liver, spleen, lymph nodes), >1 month of age	196 ( 2.2)
CMV retinitis with loss of vision [HIV+]	200 ( 2.2)
HIV encephalopathy [HIV+]	195 ( 2.2)
Herpes simplex: chronic (>1 mo.), bronchitis, pneumonitis, esophagitis	65 ( 0.7)
Histoplasmosis, disseminated or extrapulmonary [HIV+]	24 ( 0.3)
Isosporiasis, intestinal (>1 mo. duration) [HIV+]	15 ( 0.2)
Kaposi's sarcoma (3)	875 ( 9.8)
Lymphoid interstitial pneumonia/pulmonary lymphoid hyperplasia, <13 years	2 ( 0.0)
Lymphoma, Burkitt's (non-Hodgkin's) [HIV+]	60 ( 0.7)
Lymphoma, immunoblastic (non-Hodgkin's) [HIV+]	115 ( 1.3)
Lymphoma, primary in brain (3)	12 ( 0.1)
Mycobacterium avium complex or M. kansasii, disseminated or extrapulmonary	295 ( 3.3)
Mycobacterium tuberculosis, pulmonary [HIV+]	191 ( 2.1)
Mycobacterium tuberculosis, disseminated or extrapulmonary [HIV+]	99 ( 1.1)
Mycobacterium other species, disseminated or extrapulmonary [HIV+]	40 ( 0.4)
Pneumocystis carinii pneumonia	1386 (15.5)
Pneumonia, recurrent [HIV+]	245 ( 2.7)
Progressive multifocal leukoencephalopathy	13 ( 0.1)
Salmonella sepsis, recurrent [HIV+]	3 ( 0.0)
Toxoplasmosis of brain, >1 month of age	82 ( 0.9)
Wasting syndrome [HIV+]	641 ( 7.2)

\* 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.