

HIV SEMI-ANNUAL SURVEILLANCE REPORT

San Francisco Department of Public Health

HIV Cases Diagnosed Through December 2022 and Reported Through February 2023

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***The HIV Surveillance Report is accessible via internet:
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HIV SURVEILLANCE SUMMARY

San Francisco^a (as of 12/31/2022)

Persons living with HIV infection (all disease stages)	15,604
Persons living with HIV infection ever classified as stage 3 (AIDS)	8,637
Diagnoses of HIV infection, 2022	158
Deaths of persons diagnosed with HIV infection, 2022	236
Deaths of persons diagnosed with HIV infection ever classified as stage 3 (AIDS), 2022	187

California^b (as of 12/31/2020)

Persons living with HIV infection (all disease stages)	139,703
Persons living with HIV infection ever classified as stage 3 (AIDS) ^c	65,900
Diagnoses of HIV infection, 2020	3,965
Deaths of persons diagnosed with HIV infection, 2020	1,806
Deaths of persons diagnosed with HIV infection ever classified as stage 3 (AIDS), 2020 ^d	1,426

United States^e (as of 12/31/2020)

Persons living with HIV infection (all disease stages)	1,072,051
Persons living with HIV infection ever classified as stage 3 (AIDS)	NA
Diagnoses of HIV infection, 2020	30,692
Deaths of persons diagnosed with HIV infection, 2020	18,493
Deaths of persons diagnosed with HIV infection ever classified as stage 3 (AIDS), 2020 ^d	14,101

^a Residents of San Francisco at time of HIV or AIDS diagnosis.

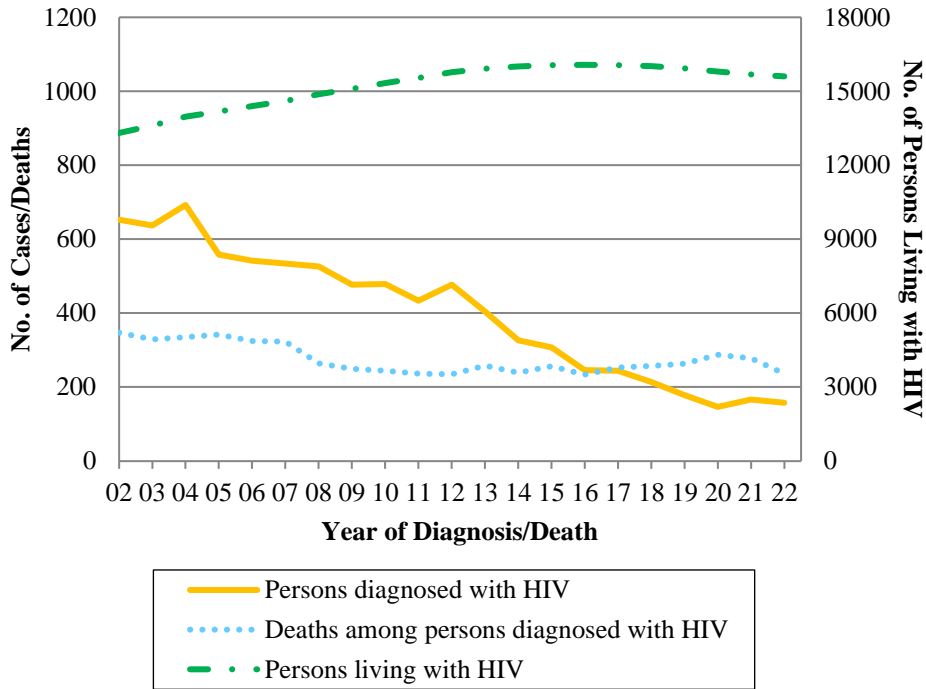
^b California HIV Surveillance Report 2020. https://www.cdph.ca.gov/Programs/CID/DOA/Pages/OA_case_surveillance_reports.aspx. Released 04/21/2022.

^c Supplemental Tables to the California HIV Surveillance Report — 2020. https://www.cdph.ca.gov/Programs/CID/DOA/Pages/OA_case_surveillance_reports.aspx. Released 05/12/2022.

^d CDC. Monitoring selected national HIV prevention and care objectives by using HIV surveillance data—United States and 6 dependent areas, 2020. HIV Surveillance Supplemental Report 2022;27(No. 3). (Table 6f) <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Revised August 2022.

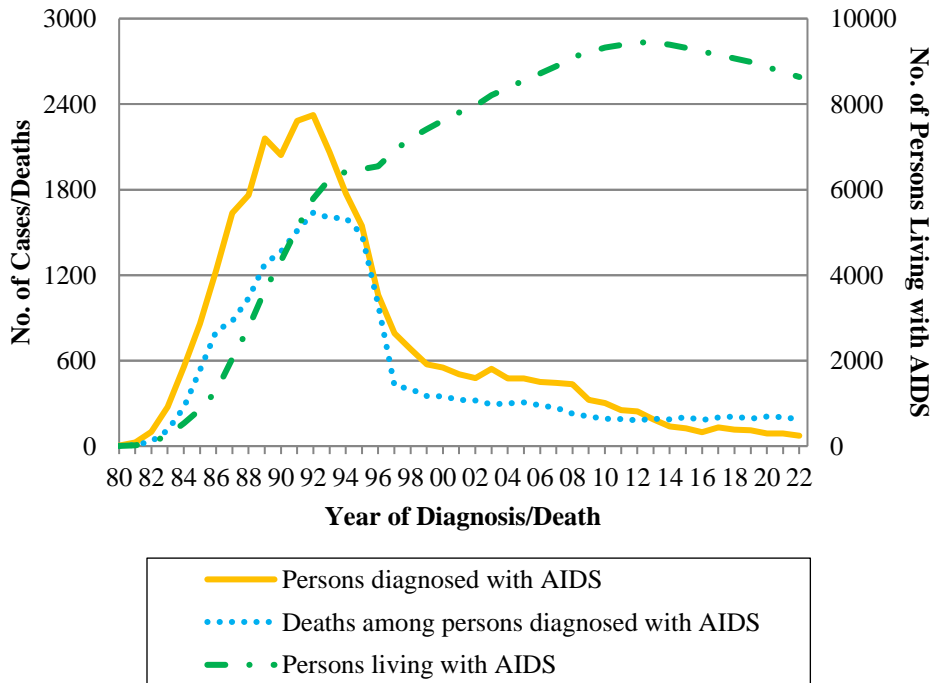
^e CDC. HIV Surveillance Report, 2020; vol. 33. (Table 1b, 11b, 15b). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published May 2022.

Figure 1. Diagnoses of HIV infection, HIV deaths and persons living with HIV by year, San Francisco, 2002-2022*



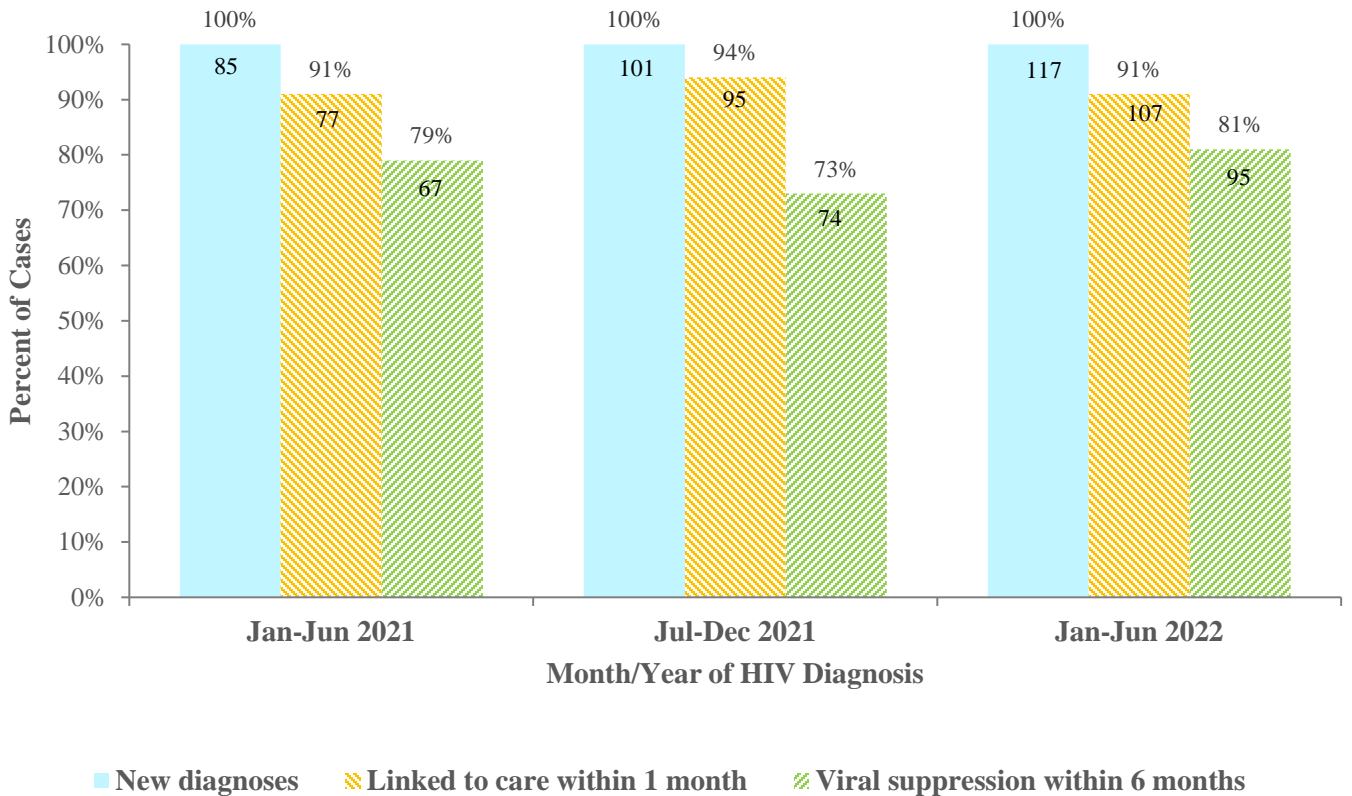
* Reporting for recent years is incomplete. See Table 9 for actual numbers per year.

Figure 2. Diagnoses of HIV infection stage 3 (AIDS), AIDS deaths and persons living with AIDS by year, San Francisco, 1980-2022 †



† Reporting for recent years is incomplete. See Table 10 for actual numbers per year.

Figure 3. Continuum of HIV care among persons newly diagnosed with HIV, San Francisco



Month/Year of HIV Diagnosis

The month and year of HIV diagnosis are determined based on the earliest date of a positive HIV antibody/antigen test, detectable viral load, or physician-documented diagnosis in absence of sufficient laboratory evidence, and do not consider patient self-report of a positive HIV test. For other parts of this report that assess trends in HIV diagnoses, the year of initial HIV diagnosis takes into account self-report of HIV infection. Therefore, the numbers shown in Figure 3 may differ from other data presented in this report.

Linkage to Care

Linkage to care is measured by the documentation of CD4, viral load or genotype tests performed within one month of diagnosis.

Viral Suppression

Viral suppression is measured by a viral load less than 200 copies/mL performed within six months of diagnosis.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 1. Diagnoses of HIV infection by age and year of initial HIV diagnosis (1), San Francisco, 2011-2022

Age at initial HIV diagnosis (years)	Year of initial HIV diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
0 - 12	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
13 - 17	0 (0.0)	0 (0.0)	1 (0.2)	1 (0.3)	3 (1.0)	1 (0.4)
18 - 24	49 (11.3)	66 (13.8)	63 (15.6)	42 (12.9)	41 (13.4)	40 (16.3)
25 - 29	69 (15.9)	78 (16.4)	82 (20.3)	60 (18.4)	77 (25.1)	54 (22.0)
30 - 39	118 (27.2)	143 (30.0)	113 (28.0)	96 (29.4)	90 (29.3)	77 (31.3)
40 - 49	131 (30.2)	133 (27.9)	98 (24.3)	74 (22.7)	65 (21.2)	37 (15.0)
50 - 59	52 (12.0)	45 (9.4)	34 (8.4)	40 (12.3)	18 (5.9)	25 (10.2)
60 +	15 (3.5)	12 (2.5)	13 (3.2)	13 (4.0)	13 (4.2)	12 (4.9)
Total	434 (100)	477 (100)	404 (100)	326 (100)	307 (100)	246 (100)

Age at initial HIV diagnosis (years)	Year of initial HIV diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
0 - 12	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
13 - 17	3 (1.2)	1 (0.5)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
18 - 24	28 (11.5)	34 (15.9)	18 (10.1)	20 (13.7)	13 (7.8)	19 (12.0)
25 - 29	41 (16.8)	43 (20.1)	27 (15.2)	24 (16.4)	32 (19.3)	30 (19.0)
30 - 39	85 (34.8)	67 (31.3)	67 (37.6)	47 (32.2)	57 (34.3)	46 (29.1)
40 - 49	50 (20.5)	43 (20.1)	30 (16.9)	27 (18.5)	34 (20.5)	37 (23.4)
50 - 59	26 (10.7)	16 (7.5)	21 (11.8)	23 (15.8)	23 (13.9)	16 (10.1)
60 +	11 (4.5)	10 (4.7)	15 (8.4)	5 (3.4)	7 (4.2)	10 (6.3)
Total	244 (100)	214 (100)	178 (100)	146 (100)	166 (100)	158 (100)

(1) Includes persons diagnosed with HIV infection regardless of disease stage. The initial year of HIV diagnosis was determined based on the earliest date of positive HIV antibody test, positive HIV antigen/antibody combination test, detectable viral load, physician-documented diagnosis in absence of sufficient laboratory evidence, or patient self-report of a positive HIV test. Data in recent years are incomplete due to delays in case reporting.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 2. Diagnoses of HIV infection stage 3 (AIDS) by age and year of AIDS diagnosis (1), San Francisco, 2011-2022

Age at AIDS diagnosis (years)	Year of AIDS diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
0 - 12	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
13 - 17	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
18 - 24	12 (4.8)	11 (4.5)	10 (5.3)	6 (4.3)	4 (3.2)	2 (2.1)
25 - 29	21 (8.3)	26 (10.7)	17 (9.0)	13 (9.4)	9 (7.2)	8 (8.2)
30 - 39	62 (24.6)	60 (24.7)	43 (22.9)	41 (29.5)	35 (28.0)	27 (27.8)
40 - 49	99 (39.3)	83 (34.2)	59 (31.4)	40 (28.8)	35 (28.0)	23 (23.7)
50 - 59	49 (19.4)	43 (17.7)	38 (20.2)	26 (18.7)	28 (22.4)	19 (19.6)
60 +	9 (3.6)	20 (8.2)	21 (11.2)	13 (9.4)	14 (11.2)	18 (18.6)
Total	252 (100)	243 (100)	188 (100)	139 (100)	125 (100)	97 (100)

Age at AIDS diagnosis (years)	Year of AIDS diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
0 - 12	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
13 - 17	1 (0.8)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
18 - 24	1 (0.8)	3 (2.6)	2 (1.8)	2 (2.3)	2 (2.2)	3 (4.2)
25 - 29	16 (12.1)	12 (10.4)	9 (8.0)	8 (9.1)	11 (12.4)	7 (9.7)
30 - 39	32 (24.2)	32 (27.8)	33 (29.5)	27 (30.7)	18 (20.2)	20 (27.8)
40 - 49	41 (31.1)	21 (18.3)	26 (23.2)	17 (19.3)	22 (24.7)	20 (27.8)
50 - 59	15 (11.4)	26 (22.6)	24 (21.4)	19 (21.6)	24 (27.0)	14 (19.4)
60 +	26 (19.7)	21 (18.3)	18 (16.1)	15 (17.0)	12 (13.5)	8 (11.1)
Total	132 (100)	115 (100)	112 (100)	88 (100)	89 (100)	72 (100)

(1) Data in recent years are incomplete due to delays in case reporting.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 3. Diagnoses of HIV infection by gender and year of initial HIV diagnosis (1), San Francisco, 2011-2022

Gender (2)	Year of initial HIV diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
Cis Men	379 (87.3)	437 (91.6)	371 (91.8)	301 (92.3)	270 (87.9)	209 (85.0)
Cis Women	42 (9.7)	27 (5.7)	21 (5.2)	13 (4.0)	29 (9.4)	25 (10.2)
Trans Women	13 (3.0)	13 (2.7)	12 (3.0)	12 (3.7)	8 (2.6)	11 (4.5)
Total	434 (100)	477 (100)	404 (100)	326 (100)	307 (100)	246 (100)

Gender (2)	Year of initial HIV diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
Cis Men	211 (86.5)	187 (87.4)	148 (83.1)	119 (81.5)	130 (78.3)	133 (84.2)
Cis Women	27 (11.1)	17 (7.9)	15 (8.4)	17 (11.6)	22 (13.3)	14 (8.9)
Trans Women	6 (2.5)	9 (4.2)	13 (7.3)	9 (6.2)	13 (7.8)	10 (6.3)
Total	244 (100)	214 (100)	178 (100)	146 (100)	166 (100)	158 (100)

(1) Includes persons diagnosed with HIV infection regardless of disease stage. The initial year of HIV diagnosis was determined based on the earliest date of positive HIV antibody test, positive HIV antigen/antibody combination test, detectable viral load, physician-documented diagnosis in absence of sufficient laboratory evidence, or patient self-report of a positive HIV test. Data in recent years are incomplete due to delays in case reporting.

(2) Data on trans men are not released separately due to small numbers.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 4. Diagnoses of HIV infection stage 3 (AIDS) by gender and year of AIDS diagnosis (1), San Francisco, 2011-2022

Gender (2)	Year of AIDS diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
Cis Men	214 (84.9)	210 (86.4)	165 (87.8)	125 (89.9)	98 (78.4)	82 (84.5)
Cis Women	24 (9.5)	24 (9.9)	17 (9.0)	7 (5.0)	19 (15.2)	11 (11.3)
Trans Women	14 (5.6)	9 (3.7)	6 (3.2)	7 (5.0)	8 (6.4)	3 (3.1)
Total	252 (100)	243 (100)	188 (100)	139 (100)	125 (100)	97 (100)

Gender (2)	Year of AIDS diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
Cis Men	104 (78.8)	100 (87.0)	98 (87.5)	72 (81.8)	69 (77.5)	64 (88.9)
Cis Women	22 (16.7)	12 (10.4)	7 (6.3)	10 (11.4)	11 (12.4)	7 (9.7)
Trans Women	6 (4.5)	3 (2.6)	7 (6.3)	6 (6.8)	8 (9.0)	1 (1.4)
Total	132 (100)	115 (100)	112 (100)	88 (100)	89 (100)	72 (100)

(1) Data in recent years are incomplete due to delays in case reporting.

(2) Data on trans men are not released separately due to small numbers.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 5. Diagnoses of HIV infection by race/ethnicity and year of initial HIV diagnosis (1), San Francisco, 2011-2022

Race/ethnicity	Year of initial HIV diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
White	223 (51.4)	228 (47.8)	180 (44.6)	133 (40.8)	121 (39.4)	91 (37.0)
Black/African American	63 (14.5)	53 (11.1)	48 (11.9)	33 (10.1)	44 (14.3)	33 (13.4)
Latinx	89 (20.5)	118 (24.7)	111 (27.5)	98 (30.1)	84 (27.4)	75 (30.5)
Asian/Pacific Islander/ Native American	39 (9.0)	56 (11.7)	50 (12.4)	47 (14.4)	39 (12.7)	40 (16.3)
Multiple races	19 (4.4)	21 (4.4)	14 (3.5)	15 (4.6)	18 (5.9)	7 (2.8)
Total (2)	434 (100)	477 (100)	404 (100)	326 (100)	307 (100)	246 (100)

Race/ethnicity	Year of initial HIV diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
White	82 (33.6)	61 (28.5)	59 (33.1)	39 (26.7)	54 (32.5)	47 (29.7)
Black/African American	40 (16.4)	40 (18.7)	29 (16.3)	28 (19.2)	26 (15.7)	25 (15.8)
Latinx	76 (31.1)	86 (40.2)	60 (33.7)	60 (41.1)	59 (35.5)	67 (42.4)
Asian/Pacific Islander/ Native American	33 (13.5)	21 (9.8)	25 (14.0)	17 (11.6)	24 (14.5)	17 (10.8)
Multiple races	13 (5.3)	6 (2.8)	5 (2.8)	2 (1.4)	3 (1.8)	2 (1.3)
Total (2)	244 (100)	214 (100)	178 (100)	146 (100)	166 (100)	158 (100)

(1) Includes persons diagnosed with HIV infection regardless of disease stage. The initial year of HIV diagnosis was determined based on the earliest date of positive HIV antibody test, positive HIV antigen/antibody combination test, detectable viral load, physician-documented diagnosis in absence of sufficient laboratory evidence, or patient self-report of a positive HIV test. Data in recent years are incomplete due to delays in case reporting.

(2) Total includes persons with unknown race.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 6. Diagnoses of HIV infection stage 3 (AIDS) by race/ethnicity and year of AIDS diagnosis (1), San Francisco, 2011-2022

Race/ethnicity	Year of AIDS diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
White	128 (50.8)	119 (49.0)	91 (48.4)	52 (37.4)	60 (48.0)	42 (43.3)
Black/African American	46 (18.3)	40 (16.5)	30 (16.0)	28 (20.1)	19 (15.2)	15 (15.5)
Latinx	48 (19.0)	55 (22.6)	37 (19.7)	32 (23.0)	32 (25.6)	21 (21.6)
Asian/Pacific Islander/ Native American	14 (5.6)	14 (5.8)	18 (9.6)	17 (12.2)	5 (4.0)	12 (12.4)
Multiple races	16 (6.3)	15 (6.2)	12 (6.4)	10 (7.2)	9 (7.2)	7 (7.2)
Total (2)	252 (100)	243 (100)	188 (100)	139 (100)	125 (100)	97 (100)

Race/ethnicity	Year of AIDS diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
White	52 (39.4)	36 (31.3)	43 (38.4)	38 (43.2)	29 (32.6)	28 (38.9)
Black/African American	26 (19.7)	18 (15.7)	24 (21.4)	17 (19.3)	15 (16.9)	11 (15.3)
Latinx	35 (26.5)	41 (35.7)	21 (18.8)	22 (25.0)	30 (33.7)	23 (31.9)
Asian/Pacific Islander/ Native American	14 (10.6)	10 (8.7)	15 (13.4)	8 (9.1)	10 (11.2)	9 (12.5)
Multiple races	5 (3.8)	10 (8.7)	9 (8.0)	3 (3.4)	5 (5.6)	1 (1.4)
Total (2)	132 (100)	115 (100)	112 (100)	88 (100)	89 (100)	72 (100)

(1) Data in recent years are incomplete due to delays in case reporting.

(2) Total includes persons with unknown race.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 7. Diagnoses of HIV infection by transmission category and year of initial HIV diagnosis (1), San Francisco, 2011-2022

Transmission category (2)	Year of initial HIV diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
Men who have sex with men (MSM)	308 (71.0)	365 (76.5)	312 (77.2)	248 (76.1)	233 (75.9)	174 (70.7)
People who inject drugs (PWID)	30 (6.9)	21 (4.4)	21 (5.2)	24 (7.4)	17 (5.5)	21 (8.5)
MSM-PWID	60 (13.8)	54 (11.3)	50 (12.4)	42 (12.9)	28 (9.1)	27 (11.0)
Heterosexual (3)	29 (6.7)	28 (5.9)	16 (4.0)	10 (3.1)	22 (7.2)	17 (6.9)
Transfusion/Hemophilia	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Perinatal	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Other/Unknown	7 (1.6)	9 (1.9)	5 (1.2)	2 (0.6)	7 (2.3)	7 (2.8)
Total	434 (100)	477 (100)	404 (100)	326 (100)	307 (100)	246 (100)

Transmission category (2)	Year of initial HIV diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
Men who have sex with men (MSM)	150 (61.5)	140 (65.4)	122 (68.5)	99 (67.8)	91 (54.8)	102 (64.6)
People who inject drugs (PWID)	26 (10.7)	26 (12.1)	12 (6.7)	15 (10.3)	19 (11.4)	13 (8.2)
MSM-PWID	34 (13.9)	28 (13.1)	21 (11.8)	14 (9.6)	26 (15.7)	17 (10.8)
Heterosexual (3)	16 (6.6)	12 (5.6)	11 (6.2)	8 (5.5)	11 (6.6)	7 (4.4)
Transfusion/Hemophilia	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Perinatal	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Other/Unknown	18 (7.4)	8 (3.7)	12 (6.7)	10 (6.8)	19 (11.4)	19 (12.0)
Total	244 (100)	214 (100)	178 (100)	146 (100)	166 (100)	158 (100)

- (1) Includes persons diagnosed with HIV infection regardless of disease stage. The initial year of HIV diagnosis was determined based on the earliest date of positive HIV antibody test, positive HIV antigen/antibody combination test, detectable viral load, physician-documented diagnosis in absence of sufficient laboratory evidence, or patient self-report of a positive HIV test. Data in recent years are incomplete due to delays in case reporting.
- (2) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.
- (3) Includes persons who have had heterosexual contact with a person with HIV or with a person who is at risk for HIV.

HIV Semi-Annual Surveillance Report Cases Diagnosed as of 12/31/2022 and Reported as of 02/28/2023

Table 8. Diagnoses of HIV infection stage 3 (AIDS) by transmission category and year of AIDS diagnosis (1), San Francisco, 2011-2022

Transmission category (2)	Year of AIDS diagnosis					
	2011 No. (%)	2012 No. (%)	2013 No. (%)	2014 No. (%)	2015 No. (%)	2016 No. (%)
Men who have sex with men (MSM)	148 (58.7)	152 (62.6)	111 (59.0)	95 (68.3)	72 (57.6)	58 (59.8)
People who inject drugs (PWID)	33 (13.1)	23 (9.5)	19 (10.1)	16 (11.5)	19 (15.2)	12 (12.4)
MSM-PWID	50 (19.8)	42 (17.3)	45 (23.9)	21 (15.1)	23 (18.4)	16 (16.5)
Heterosexual (3)	17 (6.7)	21 (8.6)	12 (6.4)	7 (5.0)	10 (8.0)	11 (11.3)
Transfusion/Hemophilia	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Perinatal	1 (0.4)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Other/Unknown	3 (1.2)	5 (2.1)	1 (0.5)	0 (0.0)	1 (0.8)	0 (0.0)
Total	252 (100)	243 (100)	188 (100)	139 (100)	125 (100)	97 (100)

Transmission category (2)	Year of AIDS diagnosis					
	2017 No. (%)	2018 No. (%)	2019 No. (%)	2020 No. (%)	2021 No. (%)	2022 No. (%)
Men who have sex with men (MSM)	64 (48.5)	67 (58.3)	62 (55.4)	45 (51.1)	37 (41.6)	40 (55.6)
People who inject drugs (PWID)	14 (10.6)	14 (12.2)	13 (11.6)	6 (6.8)	20 (22.5)	12 (16.7)
MSM-PWID	29 (22.0)	22 (19.1)	28 (25.0)	27 (30.7)	19 (21.3)	13 (18.1)
Heterosexual (3)	19 (14.4)	8 (7.0)	6 (5.4)	4 (4.5)	7 (7.9)	3 (4.2)
Transfusion/Hemophilia	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Perinatal	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.1)	0 (0.0)
Other/Unknown	6 (4.5)	4 (3.5)	3 (2.7)	6 (6.8)	5 (5.6)	4 (5.6)
Total	132 (100)	115 (100)	112 (100)	88 (100)	89 (100)	72 (100)

(1) Data in recent years are incomplete due to delays in case reporting.

(2) Persons with more than one risk factor (other than the combinations listed in the tables) are tabulated only in the most likely transmission category.

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

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Table 9. Diagnoses of HIV infection, HIV deaths and persons living with HIV as of 12/31/2022 by year, San Francisco, 2002-2022

Year	Number of cases diagnosed per year (1)	Number of deaths occurred per year (1)	Number of persons living with HIV infection (1)
2002 (2)	653	347	13302
2003	637	329	13610
2004	692	335	13967
2005	558	342	14183
2006	542	325	14400
2007	534	323	14611
2008	526	264	14873
2009	477	249	15101
2010	479	244	15336
2011	434	236	15534
2012	477	235	15776
2013	404	258	15922
2014	326	239	16009
2015	307	256	16060
2016	246	234	16072
2017	244	253	16063
2018	214	257	16020
2019	178	263	15935
2020	146	287	15794
2021	166	278	15682
2022	158	236	15604

(1) Data in recent years are incomplete due to delays in case/death reporting.

(2) Year of the mandatory reporting of HIV non-AIDS cases in California began.

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Table 10. Diagnoses of HIV infection stage 3 (AIDS), AIDS deaths and persons living with AIDS as of 12/31/2022 by year, San Francisco, 1980-2022

Year	Number of cases diagnosed per year (1)	Number of deaths occurred per year (1)	Number of persons living with AIDS (1)
1980	3	0	3
1981	26	8	21
1982	99	32	88
1983	274	111	251
1984	557	273	535
1985	859	534	860
1986	1236	807	1289
1987	1636	878	2047
1988	1762	1038	2771
1989	2159	1278	3652
1990	2043	1364	4331
1991	2284	1512	5103
1992	2323	1639	5787
1993	2062	1603	6246
1994	1774	1600	6420
1995	1546	1486	6480
1996	1061	992	6549
1997	792	424	6917
1998	681	401	7197
1999	573	352	7418
2000	551	349	7620
2001	505	324	7801
2002	478	320	7959
2003	542	293	8208
2004	476	300	8384
2005	475	307	8552
2006	450	287	8715
2007	443	269	8889
2008	434	227	9096
2009	325	207	9214
2010	301	193	9322
2011	252	190	9384
2012	243	181	9446
2013	188	191	9443
2014	139	188	9394
2015	125	203	9316
2016	97	183	9230
2017	132	202	9160
2018	115	208	9067
2019	112	192	8987
2020	88	208	8867
2021	89	204	8752
2022	72	187	8637
Total	30382	21745	

(1) Data in recent years are incomplete due to delays in case/death reporting.

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Table 11. Persons living with HIV infection as of 12/31/2022 by age, gender and race/ethnicity, San Francisco

Current age (years)	White		Black/African American		Latinx		Asian/ Pacific Islander/ Native American		Multiple races		Total (1)	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Cis Men												
0 - 12	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
13 - 17	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
18 - 24	2	(0.0)	13	(1.0)	24	(0.8)	4	(0.4)	1	(0.2)	44	(0.3)
25 - 29	39	(0.5)	32	(2.4)	95	(3.2)	24	(2.5)	9	(1.8)	199	(1.4)
30 - 39	444	(5.2)	155	(11.5)	482	(16.1)	167	(17.1)	41	(8.4)	1289	(9.0)
40 - 49	956	(11.3)	169	(12.5)	622	(20.8)	247	(25.3)	109	(22.2)	2104	(14.7)
50 - 59	2708	(32.0)	382	(28.3)	963	(32.2)	322	(32.9)	169	(34.4)	4546	(31.8)
60 +	4314	(51.0)	600	(44.4)	802	(26.8)	214	(21.9)	162	(33.0)	6095	(42.7)
Cis Men Total	8463	(100)	1351	(100)	2988	(100)	978	(100)	491	(100)	14277	(100)
Cis Women												
0 - 12	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
13 - 17	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
18 - 24	0	(0.0)	3	(1.0)	2	(0.9)	0	(0.0)	1	(2.6)	6	(0.7)
25 - 29	1	(0.4)	9	(2.9)	13	(5.9)	3	(3.7)	5	(12.8)	31	(3.5)
30 - 39	23	(9.8)	28	(8.9)	35	(16.0)	7	(8.6)	4	(10.3)	97	(10.9)
40 - 49	38	(16.2)	52	(16.6)	44	(20.1)	21	(25.9)	10	(25.6)	166	(18.7)
50 - 59	80	(34.0)	88	(28.0)	56	(25.6)	27	(33.3)	11	(28.2)	262	(29.4)
60 +	93	(39.6)	134	(42.7)	69	(31.5)	23	(28.4)	8	(20.5)	328	(36.9)
Cis Women Total	235	(100)	314	(100)	219	(100)	81	(100)	39	(100)	890	(100)
Trans Women Total	71	(100)	129	(100)	155	(100)	47	(100)	25	(100)	427	(100)

(1) Total includes persons with unknown race. Data on trans men are not released separately due to small numbers.

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Table 12. Persons living with HIV infection as of 12/31/2022 by transmission category, gender and race/ethnicity, San Francisco

Transmission category (1)	White No. (%)	Black/ African American No. (%)	Latinx No. (%)	Asian/Pacific Islander/ Native American No. (%)	Multiple races No. (%)	Total (2) No. (%)
Cis Men						
Men who have sex with men (MSM)	6956 (82.2)	846 (62.6)	2467 (82.6)	833 (85.2)	351 (71.5)	11454 (80.2)
People who inject drugs (PWID)	156 (1.8)	157 (11.6)	67 (2.2)	22 (2.2)	19 (3.9)	421 (2.9)
MSM-IDU	1264 (14.9)	244 (18.1)	346 (11.6)	83 (8.5)	109 (22.2)	2046 (14.3)
Heterosexual (3)	31 (0.4)	62 (4.6)	54 (1.8)	19 (1.9)	7 (1.9)	173 (1.2)
Transfusion/Hemophiliac	5 (0.1)	1 (0.1)	2 (0.1)	3 (0.3)	0 (0.0)	11 (0.1)
Perinatal	1 (0.0)	3 (0.2)	2 (0.1)	1 (0.1)	2 (0.4)	9 (0.1)
Other/Unknown	50 (0.6)	38 (2.8)	50 (1.7)	17 (1.7)	3 (0.6)	163 (1.1)
Cis Men Total	8463 (100)	1351 (100)	2988 (100)	978 (100)	491 (100)	14277 (100)
Cis Women						
People who inject drugs (PWID)	132 (56.2)	145 (46.2)	61 (27.9)	12 (14.8)	20 (51.3)	370 (41.6)
Heterosexual (3)	78 (33.2)	135 (43.0)	117 (53.4)	59 (72.8)	10 (25.6)	399 (44.8)
Transfusion/Hemophilia	5 (2.1)	0 (0.0)	2 (0.9)	2 (2.5)	0 (0.0)	9 (1.0)
Perinatal	0 (0.0)	6 (1.9)	9 (4.1)	0 (0.0)	3 (7.7)	18 (2.0)
Other/Unknown	20 (8.5)	28 (8.9)	30 (13.7)	8 (9.9)	6 (15.4)	94 (10.6)
Cis Women Total	235 (100)	314 (100)	219 (100)	81 (100)	39 (100)	890 (100)
Trans Women Total	71 (100)	129 (100)	155 (100)	47 (100)	25 (100)	427 (100)

(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) Total includes persons with unknown race. Data on trans men are not released separately due to small numbers.

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