



Supplemental Tables to the California HIV Surveillance Report — 2022

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Table S1a. Persons newly diagnosed with HIV infection by race/ethnicity, and selected demographic characteristics, 2022—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Total		
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	
Age at diagnosis (in years)	0 to11	0	0.0	0	0.0	3	1.0	2	0.1	0	0.0	0	0.0	0	0.0	5	0.1
	12 to 14	0	0.0	0	0.0	1	1.2	2	0.2	0	0.0	0	0.0	0	0.0	3	0.2
	15 to 17	0	0.0	2	1.1	9	9.8	19	2.3	0	0.0	5	1.1	0	0.0	35	2.2
	18 to 19	0	0.0	4	3.0	15	20.7	63	11.3	0	0.0	7	2.0	2	4.1	91	7.8
	20 to 24	2	16.5	26	8.0	125	73.1	385	26.8	1	9.7	78	9.2	15	12.1	632	21.6
	25 to 29	6	50.3	54	17.8	161	91.1	605	46.7	4	37.6	128	15.6	22	22.8	980	36.1
	30 to 34	1	9.0	51	16.2	136	83.1	513	45.6	3	28.0	155	18.9	13	17.5	872	34.6
	35 to 39	6	56.3	39	10.9	84	56.4	377	34.3	2	18.5	158	17.1	13	19.3	679	25.9
	40 to 44	2	18.8	23	6.1	48	32.8	294	26.8	4	37.4	121	13.0	7	11.5	499	19.0
	45 to 49	2	20.4	22	5.7	36	26.5	181	17.5	2	20.7	95	11.3	11	22.3	349	14.2
	50 to 54	0	0.0	11	2.8	28	18.8	121	12.4	1	10.4	77	7.9	2	4.3	240	9.4
	55 to 59	1	8.7	5	1.4	32	20.9	116	13.7	0	0.0	104	9.9	4	9.6	262	10.6
	60 to 64	0	0.0	9	2.7	24	15.9	50	7.2	0	0.0	44	3.7	5	12.7	132	5.4
	65 to 74	1	5.1	2	0.4	13	6.0	33	3.6	0	0.0	30	1.4	4	7.4	83	2.1
≥ 75	0	0.0	1	0.2	2	1.4	6	1.1	0	0.0	11	0.6	0	0.0	20	0.7	
Gender	Cisgender men	17	19.5	208	8.3	552	48.1	2,380	29.5	15	20.9	831	10.9	72	12.8	4,075	20.3
	Cisgender women	4	4.5	32	1.2	138	11.9	279	3.5	2	2.8	163	2.1	19	3.3	637	3.2
	Trans women	0	-	5	-	25	-	104	-	0	-	15	-	7	-	156	-
	Trans men	0	-	0	-	0	-	2	-	0	-	1	-	0	-	3	-
	Alternative Gender Identity	0	-	4	-	2	-	2	-	0	-	3	-	0	-	11	-
Total	21	12.0	249	4.8	717	31.0	2,767	17.4	17	11.8	1,013	6.7	98	8.7	4,882	12.2	

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/ Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated.

Supplemental Tables to the California HIV Surveillance Report – 2022

Table S1b. Persons newly diagnosed with HIV infection, by race/ethnicity and transmission category, 2022—California

Demographic group	Transmission category	American Indian/Alaska Native		Asian		Black/African American		Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Total	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Cisgender men (age ≥12 at diagnosis)	Male-to-male sexual contact (MMSC)	7	41.2%	152	73.1%	338	61.5%	1,641	69.0%	11	73.3%	468	56.3%	46	63.9%	2,663	65.4%
	Injection drug use (IDU)	1	5.9%	3	1.4%	13	2.4%	68	2.9%	1	6.7%	61	7.3%	4	5.6%	151	3.7%
	MMSC and IDU	4	23.5%	3	1.4%	25	4.5%	70	2.9%	0	0.0%	55	6.6%	3	4.2%	160	3.9%
	High-risk heterosexual contact	0	0.0%	6	2.9%	16	2.9%	31	1.3%	0	0.0%	14	1.7%	0	0.0%	67	1.6%
	Heterosexual contact (non-high-risk)	1	5.9%	24	11.5%	72	13.1%	219	9.2%	1	6.7%	99	11.9%	6	8.3%	422	10.4%
	Perinatal/Unknown risk/Other	4	23.5%	20	9.6%	86	15.6%	349	14.7%	2	13.3%	134	16.1%	13	18.1%	608	14.9%
	Subtotal		17	81.0%	208	83.5%	550	76.7%	2,378	85.9%	15	88.2%	831	82.0%	72	73.5%	4,071
Cisgender women (age ≥12 at diagnosis)	Injection drug use	0	0.0%	2	6.3%	10	7.3%	29	10.4%	1	50.0%	37	22.7%	3	15.8%	82	12.9%
	High-risk heterosexual contact	2	50.0%	11	34.4%	26	19.0%	55	19.7%	0	0.0%	35	21.5%	5	26.3%	134	21.1%
	Heterosexual contact (non-high-risk)	1	25.0%	16	50.0%	87	63.5%	153	54.8%	1	50.0%	67	41.1%	8	42.1%	333	52.4%
	Perinatal/Unknown risk/Other	1	25.0%	3	9.4%	14	10.2%	42	15.1%	0	0.0%	24	14.7%	3	15.8%	87	13.7%
	Subtotal		4	19.0%	32	12.9%	137	19.1%	279	10.1%	2	11.8%	163	16.1%	19	19.4%	636
Trans women (age ≥12 at diagnosis)	Sexual contact	0	0.0%	5	100.0%	24	96.0%	102	98.1%	0	0.0%	14	93.3%	7	100.0%	152	97.4%
	Injection drug use (IDU)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	6.7%	0	0.0%	1	0.6%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	1	4.0%	2	1.9%	0	0.0%	0	0.0%	0	0.0%	3	1.9%
	Subtotal		0	0.0%	5	2.0%	25	3.5%	104	3.8%	0	0.0%	15	1.5%	7	7.1%	156
Trans men (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	1	100.0%	0	0.0%	3	100.0%
	Injection drug use	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Subtotal		0	0.0%	0	0.0%	0	0.0%	2	0.1%	0	0.0%	1	0.1%	0	0.0%	3
Alternative gender (age ≥12 at diagnosis)	Sexual contact	0	0.0%	4	100.0%	2	100.0%	2	100.0%	0	0.0%	3	100.0%	0	0.0%	11	100.0%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Subtotal		0	0.0%	4	1.6%	2	0.3%	2	0.1%	0	0.0%	3	0.3%	0	0.0%	11
Child (age <12 at diagnosis)	Perinatal	0	0.0%	0	0.0%	3	100.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	5	100.0%
	Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Subtotal		0	0.0%	0	0.0%	3	0.4%	2	0.1%	0	0.0%	0	0.0%	0	0.0%	5
Total		21		249		717		2,767		17		1,013		98		4,882	

Note: High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk for HIV (e.g., MMSC, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Transgender persons who report sexual contact are placed in the transmission category of sexual contact, regardless of IDU. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated. The number of perinatal diagnoses in a given year do not reflect the number of transmissions during that year since some cases are not diagnosed at birth.

Supplemental Tables of the California HIV Surveillance Report – 2022

Table S2a. Persons living with diagnosed HIV infection by race/ethnicity, and selected demographic characteristics, 2022—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Unknown		Total		
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	
Age at year end (years)	0 to 11	0	0.0	5	0.8	18	5.8	28	1.1	1	5.5	8	0.4	6	2.4	0	-	66	1.2
	12 to 14	0	0.0	5	3.2	14	17.2	12	1.5	0	0.0	8	2.0	5	6.7	0	-	44	2.9
	15 to 17	0	0.0	8	4.6	24	26.2	27	3.3	0	0.0	15	3.3	10	14.5	0	-	84	5.2
	18 to 19	0	0.0	10	7.6	56	77.4	118	21.2	1	23.7	23	6.6	7	14.4	0	-	215	18.4
	20 to 24	5	41.4	111	34.3	504	294.6	1,281	89.1	8	77.9	308	36.5	84	67.5	0	-	2,301	78.7
	25 to 29	13	108.9	360	118.4	1,612	912.4	3,911	301.9	13	122.2	1,073	130.8	300	310.7	1	-	7,283	268.2
	30 to 34	16	143.8	667	211.6	2,600	1,587.8	6,143	545.9	44	411.3	2,279	277.9	587	790.3	0	-	12,336	489.5
	35 to 39	36	337.7	775	217.5	2,505	1,682.9	6,701	609.5	36	333.6	2,998	324.7	608	902.3	0	-	13,659	522.0
	40 to 44	24	225.5	759	201.0	2,078	1,421.2	7,027	640.9	39	364.8	3,261	350.6	579	952.2	0	-	13,767	523.0
	45 to 49	31	316.7	814	211.6	1,969	1,450.8	6,628	642.3	28	290.3	3,472	412.1	565	1,147.1	0	-	13,507	548.3
	50 to 54	46	428.7	874	225.4	2,467	1,659.2	7,632	779.5	38	393.9	5,804	598.2	726	1,573.0	0	-	17,587	689.1
	55 to 59	60	522.5	735	208.3	3,109	2,033.7	7,824	926.8	29	305.6	8,741	833.2	865	2,083.8	1	-	21,364	867.9
	60 to 64	43	342.4	467	139.1	2,941	1,945.6	5,344	766.9	16	173.8	8,885	754.5	645	1,639.6	0	-	18,341	757.1
	65 to 74	28	141.6	578	102.1	2,914	1,343.7	4,404	484.5	17	136.5	9,365	446.1	679	1,259.7	1	-	17,986	463.9
≥ 75	7	55.3	123	28.7	582	407.8	987	177.4	2	25.4	2,416	140.8	114	352.0	1	-	4,232	146.1	
Gender	Cisgender men	247	283.8	5,418	216.3	17,617	1,536.3	50,162	622.6	226	315.0	44,563	585.4	4,873	867.8	3	-	123,109	614.3
	Cisgender women	53	60.1	738	27.0	5,041	433.1	6,469	82.3	37	50.9	3,769	49.5	756	132.4	1	-	16,864	83.9
	Trans women	9	-	128	-	713	-	1,385	-	9	-	293	-	148	-	0	-	2,685	-
	Trans men	0	-	3	-	21	-	39	-	0	-	24	-	3	-	0	-	90	-
	Alternative gender identity	0	-	4	-	1	-	12	-	0	-	7	-	0	-	0	-	24	-
Total	309	176.3	6,291	120.1	23,393	1,012.3	58,067	364.8	272	188.4	48,656	319.5	5,780	510.4	4	-	142,772	355.6	

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated. There were four persons diagnosed and living with HIV in California with an unknown race/ethnicity.

Supplemental Tables to the California HIV Surveillance Report – 2022

Table S2b. Persons living with diagnosed HIV infection, by race/ethnicity and transmission category, 2022—California

Demographic group	Transmission category	American Indian/ Alaska Native		Asian		Black/ African American		Latinx		Native Hawaiian/ Pacific Islander		White		Multiple Races		Unknown		Total	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSM)	162	65.6%	4,380	80.9%	11,916	67.7%	38,563	76.9%	171	76.0%	35,592	79.9%	3,843	81.8%	1	33.33%	94,628	76.9%
	Injection drug use (IDU)	21	8.5%	92	1.7%	1,092	6.2%	1,804	3.6%	5	2.2%	1,671	3.8%	170	3.6%	0	0.00%	4,855	3.9%
	MMSM and IDU	33	13.4%	173	3.2%	1,154	6.6%	2,719	5.4%	14	6.2%	4,007	9.0%	445	9.5%	0	0.00%	8,545	6.9%
	High-risk heterosexual contact	7	2.8%	176	3.2%	1,012	5.7%	1,524	3.0%	2	0.9%	771	1.7%	106	2.3%	2	66.67%	3,600	2.9%
	Heterosexual contact (non-high-risk)	7	2.8%	293	5.4%	1,208	6.9%	2,680	5.3%	18	8.0%	1,023	2.3%	134	2.9%	0	0.00%	5,363	4.4%
	Perinatal/Unknown risk/Other	17	6.9%	303	5.6%	1,227	7.0%	2,858	5.7%	15	6.7%	1,494	3.4%	0	0.0%	0	0.00%	6,085	4.9%
	Subtotal		247	79.9%	5,417	86.1%	17,609	75.3%	50,148	86.4%	225	82.7%	44,558	91.6%	4,869	84.2%	3	75.0%	123,076
Cisgender women (age ≥12 at year end)	Injection drug use	20	37.7%	21	2.9%	722	14.4%	724	11.2%	6	16.2%	1,013	26.9%	134	17.8%	0	0.0%	2,640	15.7%
	High-risk heterosexual contact	19	35.8%	422	57.5%	2,287	45.5%	3,325	51.5%	21	56.8%	1,675	44.5%	316	41.9%	0	0.0%	8,065	47.9%
	Heterosexual contact (non-high-risk)	11	20.8%	216	29.4%	1,510	30.0%	1,728	26.8%	9	24.3%	737	19.6%	225	29.8%	0	0.0%	4,436	26.4%
	Perinatal/Unknown risk/Other	3	5.7%	75	10.2%	512	10.2%	678	10.5%	1	2.7%	341	9.1%	79	10.5%	1	100.0%	1,690	10.0%
	Subtotal		53	17.2%	734	11.7%	5,031	21.5%	6,455	11.1%	37	13.6%	3,766	7.7%	754	13.0%	1	25.0%	16,831
Trans women (age ≥12 at year end)	Sexual contact	9	100.0%	126	98.4%	696	97.6%	1,358	98.1%	9	100.0%	285	97.3%	145	98.0%	0	0.00%	2,628	97.9%
	Injection drug use	0	0.0%	0	0.0%	4	0.6%	6	0.4%	0	0.0%	4	1.4%	2	1.4%	0	0.00%	16	0.6%
	Perinatal/Unknown risk/Other	0	0.0%	2	1.6%	13	1.8%	21	1.5%	0	0.0%	4	1.4%	1	0.7%	0	0.00%	41	1.5%
	Subtotal		9	2.9%	128	2.0%	713	3.0%	1,385	2.4%	9	3.3%	293	0.6%	148	2.6%	0	0.0%	2,685
Trans men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	14	66.7%	32	82.1%	0	0.0%	19	79.2%	0	0.0%	0	0.0%	65	72.2%
	Injection drug use	0	0.0%	1	33.3%	3	14.3%	4	10.3%	0	0.0%	3	12.5%	2	66.7%	0	0.0%	13	14.4%
	Perinatal/Unknown risk/Other	0	0.0%	2	66.7%	4	19.0%	3	7.7%	0	0.0%	2	8.3%	1	33.3%	0	0.0%	12	13.3%
	Subtotal		0	0.0%	3	0.0%	21	0.1%	39	0.1%	0	0.0%	24	0.0%	3	0.1%	0	0.0%	90
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	4	100.0%	1	100.0%	10	83.3%	0	0.0%	7	100.0%	0	0.0%	0	0.0%	22	91.7%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	2	16.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	8.3%
	Subtotal		0	0.0%	4	0.1%	1	0.0%	12	0.0%	0	0.0%	7	0.0%	0	0.0%	0	0.0%	24
Child (age <12 at year end)	Perinatal Unknown	0	0.0%	4	80.0%	15	83.3%	25	89.3%	1	100.0%	8	100.0%	6	100.0%	0	0.0%	59	89.4%
	risk/Other	0	0.0%	1	20.0%	3	16.7%	3	10.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	10.6%
	Subtotal		0	0.0%	5	0.1%	18	0.1%	28	0.0%	1	0.4%	8	0.0%	6	0.1%	0	0.0%	66
Total		309		6,291		23,393		58,067		272		48,656		5,780		4		142,772	

Note: High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk for HIV (e.g., MMSM, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Transgender persons who report sexual contact are placed in the transmission category of sexual contact, regardless of IDU. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated. There were four persons diagnosed and living with HIV in California with an unknown race/ethnicity.

Supplemental Tables to the California HIV Surveillance Report – 2022

Table S3a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and selected demographic characteristics, 2018–2022 — California

Characteristic	2018			2019			2020			2021			2022			
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	
Age at year end (in years)																
0 to 11	21	0.0%	0.3	17	0.0%	0.3	14	0.0%	0.2	14	0.0%	0.2	11	0.0%	0.2	
12 to 14	9	0.0%	0.6	10	0.0%	0.6	9	0.0%	0.6	11	0.0%	0.7	8	0.0%	0.5	
15 to 17	19	0.0%	1.2	16	0.0%	1.0	16	0.0%	1.0	11	0.0%	0.7	11	0.0%	0.7	
18 to 19	23	0.0%	2.0	18	0.0%	1.5	19	0.0%	1.6	25	0.0%	2.2	24	0.0%	2.1	
20 to 24	348	0.5%	11.6	308	0.5%	10.4	271	0.4%	9.2	252	0.4%	8.6	254	0.4%	8.7	
25 to 29	1,324	2.0%	50.9	1,254	1.9%	47.2	1,165	1.8%	43.4	1,131	1.7%	41.6	1,062	1.6%	39.1	
30 to 34	2,719	4.1%	104.8	2,652	4.1%	104.9	2,513	3.9%	101.4	2,454	3.8%	98.9	2,347	3.6%	93.1	
35 to 39	4,051	6.2%	149.0	3,881	5.9%	141.6	3,826	5.9%	141.0	3,685	5.7%	137.8	3,606	5.6%	137.8	
40 to 44	5,163	7.8%	205.7	5,026	7.7%	199.8	4,922	7.5%	193.8	4,852	7.5%	187.8	4,728	7.3%	179.6	
45 to 49	8,185	12.4%	312.1	7,337	11.2%	284.2	6,568	10.1%	260.6	6,031	9.3%	243.4	5,695	8.8%	231.2	
50 to 54	12,396	18.8%	486.6	11,430	17.5%	452.8	10,606	16.3%	419.3	9,777	15.1%	383.5	8,922	13.8%	349.6	
55 to 59	12,889	19.6%	502.2	13,299	20.3%	518.6	13,284	20.4%	524.7	12,781	19.7%	512.4	12,208	18.9%	495.9	
60 to 64	9,012	13.7%	387.6	9,471	14.5%	402.2	10,075	15.5%	422.9	10,720	16.5%	445.0	11,155	17.3%	460.5	
65 to 74	8,010	12.2%	234.5	8,860	13.5%	250.5	9,763	15.0%	266.6	10,673	16.5%	281.6	11,605	18.0%	299.3	
≥ 75	1,646	2.5%	67.8	1,898	2.9%	75.1	2,159	3.3%	82.3	2,450	3.8%	89.5	2,850	4.4%	98.4	
Race/ethnicity																
Latinx	26,353	40.0%	169.5	26,654	40.7%	170.5	26,925	41.3%	171.7	27,169	41.9%	172.0	27,420	42.5%	172.3	
American Indian/Alaska Native	120	0.2%	69.7	125	0.2%	72.4	122	0.2%	70.5	119	0.2%	68.3	125	0.2%	71.3	
Asian	2,413	3.7%	46.2	2,451	3.7%	46.9	2,502	3.8%	48.0	2,536	3.9%	48.6	2,582	4.0%	49.3	
Black/African American	10,577	16.1%	466.4	10,477	16.0%	459.9	10,360	15.9%	453.7	10,238	15.8%	446.0	10,114	15.7%	437.7	
Native Hawaiian/Other Pacific Islander	91	0.1%	63.6	93	0.1%	64.8	92	0.1%	64.1	99	0.2%	68.8	103	0.2%	71.3	
White	23,623	35.9%	154.9	23,060	35.2%	151.4	22,604	34.7%	148.8	22,139	34.1%	145.6	21,634	33.5%	142.1	
Multiple races	2,634	4.0%	246.6	2,613	4.0%	241.2	2,601	4.0%	237.1	2,563	4.0%	230.1	2,504	3.9%	221.1	
Unknown race	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	
Gender																
Cisgender men	56,961	86.5%	287.7	56,596	86.4%	285.2	56,301	86.3%	283.6	55,962	86.3%	280.7	55,575	86.2%	277.3	
Cisgender women	7,836	11.9%	39.4	7,841	12.0%	39.4	7,856	12.0%	39.4	7,835	12.1%	39.1	7,825	12.1%	38.9	
Trans women	997	1.5%	-	1,018	1.6%	-	1,032	1.6%	-	1,047	1.6%	-	1,062	1.6%	-	
Trans men	20	0.0%	-	21	0.0%	-	20	0.0%	-	22	0.0%	-	21	0.0%	-	
Alternative gender identity	1	0.0%	-	1	0.0%	-	1	0.0%	-	1	0.0%	-	3	0.0%	-	
Total	65,815		165.9	65,477		164.7	65,210		163.9	64,867		162.4	64,486		160.6	

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated.

Supplemental Tables to the California HIV Surveillance Report – 2022

Table S3b. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and transmission category, 2018–2022 — California

Demographic group	Transmission category	2018	%	2019	%	2020	%	2021	%	2022	%
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	42,123	74.0%	41,787	73.8%	41,533	73.8%	41,251	73.7%	40,881	73.6%
	Injection drug use (IDU)	3,212	5.6%	3,139	5.5%	3,104	5.5%	3,039	5.4%	2,978	5.4%
	MMSC and IDU	5,194	9.1%	5,092	9.0%	4,947	8.8%	4,801	8.6%	4,659	8.4%
	High-risk heterosexual contact	2,217	3.9%	2,205	3.9%	2,181	3.9%	2,160	3.9%	2,131	3.8%
	Heterosexual contact (non-high-risk)	2,216	3.9%	2,303	4.1%	2,394	4.3%	2,489	4.4%	2,576	4.6%
	Perinatal/Unknown risk/Other	1,986	3.5%	2,059	3.6%	2,131	3.8%	2,212	4.0%	2,343	4.2%
	Subtotal		56,948	86.5%	56,585	86.4%	56,290	86.3%	55,952	86.3%	55,568
Cisgender women (age ≥12 at year end)	Injection drug use	1,603	20.5%	1,565	20.0%	1,538	19.6%	1,516	19.4%	1,463	18.7%
	High-risk heterosexual contact	4,269	54.5%	4,242	54.1%	4,225	53.8%	4,169	53.2%	4,146	53.0%
	Heterosexual contact (non-high-risk)	1,334	17.0%	1,393	17.8%	1,444	18.4%	1,494	19.1%	1,554	19.9%
	Perinatal/Unknown risk/Other	622	7.9%	635	8.1%	646	8.2%	652	8.3%	658	8.4%
Subtotal		7,828	11.9%	7,835	12.0%	7,853	12.0%	7,831	12.1%	7,821	12.1%
Trans women (age ≥12 at year end)	Sexual contact	985	98.8%	1,007	98.9%	1,022	99.0%	1,035	98.9%	1,049	98.8%
	Injection drug use	9	0.9%	8	0.8%	7	0.7%	8	0.8%	9	0.8%
	Perinatal/Unknown risk/Other	3	0.3%	3	0.3%	3	0.3%	4	0.4%	4	0.4%
Subtotal		997	1.5%	1,018	1.6%	1,032	1.6%	1,047	1.6%	1,062	1.6%
Trans men (age ≥12 at year end)	Sexual contact	14	70.0%	15	71.4%	14	70.0%	14	63.6%	14	66.7%
	Injection drug use	4	20.0%	4	19.0%	4	20.0%	6	27.3%	5	23.8%
	Perinatal/Unknown risk/Other	2	10.0%	2	9.5%	2	10.0%	2	9.1%	2	9.5%
Subtotal		20	0.0%	21	0.0%	20	0.0%	22	0.0%	21	0.0%
Alternative gender (age ≥12 at year end)	Sexual contact	1	100.0%	1	100.0%	1	100.0%	1	100.0%	2	66.7%
	Injection drug use	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
	Subtotal		1	0.0%	1	0.0%	1	0.0%	1	0.0%	3
Child (age <12 at year end)	Perinatal	17	81.0%	13	76.5%	11	78.6%	12	85.7%	9	81.8%
	Unknown risk/Other	4	19.0%	4	23.5%	3	21.4%	2	14.3%	2	18.2%
Subtotal		21	0.0%	17	0.0%	14	0.0%	14	0.0%	11	0.0%
Total		65,815		65,477		65,210		64,867		64,486	

Note: High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk for HIV (e.g., MMSC, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Transgender persons who report sexual contact are placed in the transmission category of sexual contact, regardless of IDU. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified.

Supplemental Tables to the California HIV Surveillance Report — 2022

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2018–2022 — California

County of current residence	2018			2019			2020			2021			2022		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,301	5.0%	198.8	3,229	4.9%	193.5	3,130	4.8%	187.2	3,096	4.8%	184.5	3,071	4.8%	181.8
Alpine	2	0.0%	176.2	2	0.0%	178.1	2	0.0%	179.4	2	0.0%	176.5	2	0.0%	175.6
Amador	104	0.2%	275.3	88	0.1%	233.3	86	0.1%	228.9	80	0.1%	210.6	80	0.1%	209.6
Butte	152	0.2%	67.1	143	0.2%	66.7	140	0.2%	67.8	134	0.2%	59.1	141	0.2%	61.9
Calaveras	28	0.0%	62.8	29	0.0%	65.3	27	0.0%	61.0	27	0.0%	61.2	30	0.0%	68.0
Colusa	6	0.0%	27.3	5	0.0%	22.7	6	0.0%	27.2	7	0.0%	30.7	7	0.0%	30.6
Contra Costa	1,384	2.1%	120.9	1,356	2.1%	118.2	1,379	2.1%	119.9	1,343	2.1%	115.8	1,337	2.1%	114.4
Del Norte	12	0.0%	44.3	15	0.0%	55.1	16	0.0%	58.8	19	0.0%	70.8	21	0.0%	78.4
El Dorado	109	0.2%	58.0	112	0.2%	59.3	110	0.2%	57.3	118	0.2%	62.4	114	0.2%	60.0
Fresno	1,015	1.5%	100.6	1,030	1.6%	101.1	1,055	1.6%	102.8	1,050	1.6%	102.8	1,098	1.7%	106.7
Glenn	12	0.0%	41.9	12	0.0%	41.3	13	0.0%	44.1	10	0.0%	34.3	10	0.0%	34.2
Humboldt	96	0.1%	71.2	99	0.2%	74.0	88	0.1%	66.3	101	0.2%	75.3	102	0.2%	76.0
Imperial	174	0.3%	92.6	178	0.3%	94.2	181	0.3%	96.2	191	0.3%	99.7	196	0.3%	101.6
Inyo	10	0.0%	54.0	10	0.0%	54.2	12	0.0%	65.1	13	0.0%	71.5	15	0.0%	82.7
Kern	863	1.3%	95.7	864	1.3%	95.0	921	1.4%	100.9	968	1.5%	105.1	991	1.5%	106.6
Kings	93	0.1%	60.9	97	0.1%	63.2	95	0.1%	61.4	90	0.1%	58.0	99	0.2%	63.4
Lake	96	0.1%	148.6	90	0.1%	140.4	87	0.1%	136.4	86	0.1%	134.0	84	0.1%	131.0
Lassen	7	0.0%	23.6	9	0.0%	31.1	8	0.0%	27.7	10	0.0%	33.4	9	0.0%	30.2
Los Angeles	24,455	37.2%	239.1	24,345	37.2%	238.4	24,137	37.0%	237.3	23,880	36.8%	234.2	23,488	36.4%	230.1
Madera	100	0.2%	63.5	102	0.2%	64.7	110	0.2%	69.3	117	0.2%	72.6	123	0.2%	75.6
Marin	439	0.7%	167.4	445	0.7%	170.5	422	0.6%	163.0	411	0.6%	159.2	404	0.6%	156.7
Mariposa	13	0.0%	72.6	13	0.0%	72.9	10	0.0%	56.2	9	0.0%	51.2	8	0.0%	45.6
Mendocino	96	0.1%	108.5	92	0.1%	104.4	94	0.1%	107.4	92	0.1%	104.2	90	0.1%	101.9
Merced	140	0.2%	50.4	141	0.2%	50.1	155	0.2%	54.4	164	0.3%	57.4	173	0.3%	59.9
Modoc	1	0.0%	10.5	2	0.0%	21.1	2	0.0%	21.2	2	0.0%	21.3	1	0.0%	10.7
Mono	5	0.0%	36.9	4	0.0%	29.4	5	0.0%	37.2	5	0.0%	36.1	5	0.0%	36.0
Monterey	398	0.6%	90.1	403	0.6%	90.9	405	0.6%	91.8	401	0.6%	90.1	400	0.6%	89.4
Napa	149	0.2%	106.2	147	0.2%	105.1	150	0.2%	108.1	143	0.2%	102.6	138	0.2%	98.9
Nevada	73	0.1%	74.6	73	0.1%	74.6	70	0.1%	71.8	72	0.1%	73.5	70	0.1%	71.3
Orange	3,368	5.1%	105.4	3,343	5.1%	104.6	3,363	5.2%	105.4	3,360	5.2%	104.7	3,387	5.3%	105.2
Placer	191	0.3%	49.0	196	0.3%	49.7	205	0.3%	51.6	213	0.3%	53.7	208	0.3%	51.9
Plumas	8	0.0%	43.7	8	0.0%	43.4	9	0.0%	49.3	10	0.0%	52.3	13	0.0%	68.3
Riverside	4,461	6.8%	185.2	4,534	6.9%	186.7	4,621	7.1%	188.7	4,689	7.2%	189.2	4,767	7.4%	190.2
Sacramento	2,070	3.1%	134.9	2,077	3.2%	134.1	2,093	3.2%	134.0	2,100	3.2%	134.7	2,076	3.2%	132.1
San Benito	30	0.0%	49.4	33	0.1%	53.2	37	0.1%	58.9	37	0.1%	59.9	35	0.1%	56.3
San Bernardino	2,228	3.4%	103.1	2,279	3.5%	104.7	2,275	3.5%	104.2	2,285	3.5%	103.8	2,324	3.6%	104.8
San Diego	6,510	9.9%	195.0	6,438	9.8%	192.4	6,415	9.8%	191.4	6,388	9.8%	191.0	6,381	9.9%	190.1
San Francisco	6,368	9.7%	712.5	6,194	9.5%	690.4	6,029	9.2%	670.0	5,892	9.1%	660.2	5,725	8.9%	637.9
San Joaquin	678	1.0%	89.6	680	1.0%	88.5	699	1.1%	90.1	724	1.1%	93.4	735	1.1%	93.8
San Luis Obispo	180	0.3%	64.7	189	0.3%	68.2	185	0.3%	67.0	198	0.3%	71.1	198	0.3%	70.9
San Mateo	787	1.2%	101.6	777	1.2%	100.1	745	1.1%	96.1	718	1.1%	92.6	738	1.1%	94.9
Santa Barbara	281	0.4%	62.4	283	0.4%	62.6	280	0.4%	62.0	280	0.4%	61.7	281	0.4%	61.7
Santa Clara	1,842	2.8%	94.0	1,841	2.8%	93.9	1,839	2.8%	93.7	1,833	2.8%	92.8	1,821	2.8%	91.6
Santa Cruz	269	0.4%	98.4	267	0.4%	98.1	266	0.4%	98.5	258	0.4%	93.8	256	0.4%	92.7
Shasta	107	0.2%	60.1	105	0.2%	59.1	104	0.2%	58.5	110	0.2%	62.3	114	0.2%	64.5
Sierra	2	0.0%	63.8	2	0.0%	64.0	2	0.0%	64.2	1	0.0%	32.3	1	0.0%	32.5
Siskiyou	41	0.1%	92.9	40	0.1%	90.9	39	0.1%	89.1	34	0.1%	78.5	35	0.1%	81.1
Solano	707	1.1%	161.2	711	1.1%	161.6	713	1.1%	162.0	726	1.1%	163.0	703	1.1%	156.6
Sonoma	843	1.3%	169.0	828	1.3%	167.3	826	1.3%	168.2	798	1.2%	159.3	797	1.2%	158.5
Stanislaus	453	0.7%	82.1	459	0.7%	82.8	459	0.7%	82.6	447	0.7%	79.5	456	0.7%	80.5
Sutter	54	0.1%	53.5	58	0.1%	56.4	57	0.1%	56.3	63	0.1%	63.5	62	0.1%	62.1
Tehama	21	0.0%	32.6	24	0.0%	36.8	25	0.0%	38.3	23	0.0%	36.0	23	0.0%	35.9
Trinity	6	0.0%	44.8	7	0.0%	52.3	6	0.0%	45.1	6	0.0%	45.5	6	0.0%	45.6
Tulare	225	0.3%	47.5	225	0.3%	47.1	229	0.4%	47.6	252	0.4%	52.3	253	0.4%	52.2
Tuolumne	30	0.0%	56.8	29	0.0%	55.2	33	0.1%	63.0	32	0.0%	61.9	29	0.0%	56.1
Ventura	525	0.8%	61.9	520	0.8%	61.6	535	0.8%	63.6	537	0.8%	63.2	542	0.8%	63.6
Yolo	149	0.2%	67.6	153	0.2%	69.3	158	0.2%	71.3	161	0.2%	71.3	163	0.3%	71.4
Yuba	48	0.1%	62.3	42	0.1%	53.8	47	0.1%	59.4	51	0.1%	65.3	50	0.1%	63.6
Total	65,815		165.9	65,477		164.7	65,210		163.9	64,867		162.4	64,486		160.6
Berkeley city	232	0.4%	190.7	221	0.3%	182.1	230	0.4%	185.0	226	0.3%	192.9	231	0.4%	194.2
Long Beach city	2,245	3.4%	480.4	2,240	3.4%	484.2	2,196	3.4%	470.5	2,137	3.3%	468.6	2,047	3.2%	453.6
Pasadena city	301	0.5%	212.9	293	0.4%	207.7	302	0.5%	217.7	298	0.5%	219.5	284	0.4%	211.6

Note: Rates are per 100,000 population. Numbers for the city health jurisdictions of Berkeley, Long Beach and Pasadena are subsets of the numbers for the counties in which they are located (numbers on Alameda, and Los Angeles counties (above) include the respective city LHJ numbers).

Supplemental Tables to the California HIV Surveillance Report – 2022

Table S4a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity, and selected demographic characteristics, 2022—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Unknown		Total		
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	
Age at year end (years)	0 to11	0	0.0	0	0.0	2	0.6	7	0.3	0	0.0	1	0.1	1	0.4	0	-	11	0.2
	12 to 14	0	0.0	1	0.6	3	3.7	2	0.2	0	0.0	0	0.0	2	2.7	0	-	8	0.5
	15 to 17	0	0.0	1	0.6	3	3.3	4	0.5	0	0.0	2	0.4	1	1.4	0	-	11	0.7
	18 to 19	0	0.0	2	1.5	3	4.1	15	2.7	1	23.7	1	0.3	2	4.1	0	-	24	2.1
	20 to 24	0	0.0	16	4.9	51	29.8	147	10.2	2	19.5	25	3.0	13	10.4	0	-	254	8.7
	25 to 29	0	0.0	49	16.1	245	138.7	614	47.4	1	9.4	106	12.9	46	47.6	1	-	1,062	39.1
	30 to 34	3	27.0	125	39.7	461	281.5	1,325	117.8	12	112.2	316	38.5	105	141.4	0	-	2,347	93.1
	35 to 39	7	65.7	187	52.5	629	422.6	2,008	182.6	7	64.9	591	64.0	177	262.7	0	-	3,606	137.8
	40 to 44	9	84.6	246	65.1	671	458.9	2,790	254.4	12	112.2	794	85.4	206	338.8	0	-	4,728	179.6
	45 to 49	8	81.7	306	79.6	801	590.2	3,227	312.7	11	114.1	1,116	132.5	226	458.8	0	-	5,695	231.2
	50 to 54	21	195.7	444	114.5	1,260	847.4	4,453	454.8	13	134.7	2,376	244.9	355	769.2	0	-	8,922	349.6
	55 to 59	32	278.6	416	117.9	1,825	1,193.8	5,145	609.5	19	200.2	4,301	410.0	469	1,129.8	1	-	12,208	495.9
	60 to 64	28	223.0	309	92.0	1,844	1,219.9	3,717	533.4	11	119.5	4,844	411.4	402	1,021.9	0	-	11,155	460.5
65 to 74	14	70.8	392	69.2	1,912	881.7	3,208	352.9	12	96.3	5,644	268.9	422	782.9	1	-	11,605	299.3	
≥ 75	3	23.7	88	20.5	404	283.1	758	136.3	2	25.4	1,517	88.4	77	237.7	1	-	2,850	98.4	
Gender	Cisgender men	96	110.3	2,183	87.1	7,481	652.4	23,729	294.5	82	114.3	19,892	261.3	2,109	375.6	3	-	55,575	277.3
	Cisgender women	28	31.7	344	12.6	2,359	202.7	3,104	39.5	16	22.0	1,636	21.5	337	59.0	1	-	7,825	38.9
	Trans women	1	-	54	-	268	-	575	-	5	-	102	-	57	-	0	-	1,062	-
	Trans men	0	-	0	-	6	-	10	-	0	-	4	-	1	-	0	-	21	-
	Alternative gender identity	0	-	1	-	0	-	2	-	0	-	0	-	0	-	0	-	3	-
Total	125	71.3	2,582	49.3	10,114	437.7	27,420	172.3	103	71.3	21,634	142.1	2,504	221.1	4	-	64,486	160.6	

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated. There were four persons diagnosed and living with HIV in California with an unknown race/ethnicity.

Supplemental Tables to the California HIV Surveillance Report – 2022

Table S4b. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity and transmission category, 2022—California

Demographic group	Transmission category	American Indian/Alaska Native		Asian		Black/African American		Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Unknown		Total
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	55	57.3%	1,698	77.8%	4,589	61.4%	17,335	73.1%	59	72.0%	15,561	78.2%	1,583	75.1%	1	0.0%	40,881
	Injection drug use (IDU)	16	16.7%	50	2.3%	706	9.4%	1,148	4.8%	1	1.2%	953	4.8%	104	4.9%	0	0.0%	2,978
	MMSC and IDU	16	16.7%	86	3.9%	663	8.9%	1,544	6.5%	8	9.8%	2,110	10.6%	232	11.0%	0	0.0%	4,659
	High-risk heterosexual contact	3	3.1%	98	4.5%	569	7.6%	1,022	4.3%	0	0.0%	382	1.9%	55	2.6%	2	0.1%	2,131
	Heterosexual contact (non-high-risk)	2	2.1%	134	6.1%	510	6.8%	1,445	6.1%	8	9.8%	409	2.1%	68	3.2%	0	0.0%	2,576
	Perinatal/Unknown risk/Other	4	4.2%	117	5.4%	443	5.9%	1,230	5.2%	6	7.3%	477	2.4%	66	3.1%	0	0.0%	2,343
	Subtotal		96	76.8%	2,183	84.5%	7,480	74.0%	23,724	86.5%	82	79.6%	19,892	91.9%	2,108	84.2%	3	75.0%
Cisgender women (age ≥12 at year end)	Injection drug use	13	46.4%	15	4.4%	451	19.1%	383	12.3%	2	12.5%	529	32.4%	70	20.8%	0	0.0%	1,463
	High-risk heterosexual contact	10	35.7%	221	64.2%	1,187	50.3%	1,771	57.1%	10	62.5%	795	48.6%	152	45.1%	0	0.0%	4,146
	Heterosexual contact (non-high-risk)	4	14.3%	79	23.0%	517	21.9%	656	21.1%	4	25.0%	210	12.8%	84	24.9%	0	0.0%	1,554
	Perinatal/Unknown risk/Other	1	3.6%	29	8.4%	203	8.6%	292	9.4%	0	0.0%	101	6.2%	31	9.2%	1	100.0%	658
Subtotal		28	22.4%	344	13.3%	2,358	23.3%	3,102	11.3%	16	15.5%	1,635	7.6%	337	13.5%	1	25.0%	7,821
Trans women (age ≥12 at year end)	Sexual contact	1	100.0%	54	100.0%	264	98.5%	569	99.0%	5	100.0%	100	98.0%	56	98.2%	0	0.0%	1,049
	Injection drug use	0	0.0%	0	0.0%	3	1.1%	3	0.5%	0	0.0%	2	2.0%	1	1.8%	0	0.0%	9
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	1	0.4%	3	0.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4
Subtotal		1	0.8%	54	2.1%	268	2.6%	575	2.1%	5	4.9%	102	0.5%	57	2.3%	0	0.0%	1,062
Trans men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	4	66.7%	8	80.0%	0	0.0%	2	50.0%	0	0.0%	0	0.0%	14
	Injection drug use	0	0.0%	0	0.0%	1	16.7%	1	10.0%	0	0.0%	2	50.0%	1	100.0%	0	0.0%	5
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	1	16.7%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2
Subtotal		0	0.0%	0	0.0%	6	0.1%	10	0.0%	0	0.0%	4	0.0%	1	0.0%	0	0.0%	21
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	1	100.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1
Subtotal		0	0.0%	1	0.0%	0	0.0%	2	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3
Child (age <12 at year end)	Perinatal Unknown	0	0.0%	0	0.0%	2	100.0%	5	71.4%	0	0.0%	1	100.0%	1	100.0%	0	0.0%	9
	risk/Other	0	0.0%	0	0.0%	0	0.0%	2	28.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2
	Subtotal	0	0.0%	0	0.0%	2	0.0%	7	0.0%	0	0.0%	1	0.0%	1	0.0%	0	0.0%	11
Total		125		2,582		10,114		27,420		103		21,634		2,504		4		64,486

Note: High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk for HIV (e.g., MMSC, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex-at-birth who does not have a high risk for HIV. Transgender persons who report sexual contact are placed in the transmission category of sexual contact, regardless of IDU. Other includes hemophilia, blood transfusion, and risk factor not reported or not identified. There were four persons diagnosed and living with HIV in California with an unknown race/ethnicity.

Technical Notes on the Supplemental Tables

The information presented in this report is based on HIV surveillance data reported to the OA through December 31, 2023 allowing for a minimum of 12 months' reporting delay. Persons are presumed to reside in California if the most recent available address is located in the state.

The term HIV infection is defined as any diagnosis of HIV infection that met the CDC surveillance case definition, regardless of the stage of disease (stage 0, 1, 2, 3 [AIDS], or unknown) at time of initial diagnosis. The term “stage 3 (AIDS)” refers specifically to the subset of persons with diagnosed HIV whose infection was classified as stage 3 (AIDS) during a given year (for tables of persons newly diagnosed) or whose infection has ever been classified as stage 3 (AIDS) (for tables of persons living with diagnosed infection). Stage 3 HIV infection (AIDS) is diagnosed when the immune system of a person infected with HIV becomes severely compromised—defined as low CD4 cell count (<200 cells/ μ L), or the diagnosis of an AIDS-defining opportunistic infection or illness. This report does not include estimates of the number of persons who are infected with HIV, but not yet diagnosed. Because persons test at differing times after becoming infected, the number of persons with newly diagnosed HIV infection is not necessarily representative of persons newly infected with HIV (HIV incidence).

Please use caution when interpreting data on trends for groups with fewer than 20 cases. Small fluctuations from year to year can lead to dramatic changes in rates, which may not be indicative of changes in the epidemiology of HIV in these populations.

Age: Children refers to persons aged less than 12 years. For newly diagnosed persons, the age group is based on the date of diagnosis. For persons living with HIV, the age group is based on the age at the end of the specified calendar year. For deaths, the age group is based on the age at death.

Gender: Persons were classified as being transgender if a case report form affirming their transgender status was present in HIV surveillance data by December 31, 2023. Otherwise individuals were classified according to their sex-at-birth.

Race and ethnicity: Latinx persons can be of any race. Race/ethnicity data were collected using Asian/Native Hawaiian/Pacific Islander as a single category until 2003; therefore persons who were classified as Asian/Native Hawaiian/Pacific Islander prior to 2003 and for whom no subsequent race/ethnicity information is available are classified as Asian, because they cannot be disaggregated. Although California Government Code Section 8310.5 requires CDPH to tabulate information by expanded ethnicities for each major Asian and Pacific Islander group, the data shown here are not disaggregated into those groups in order to maintain the confidentiality of these persons.

Geography: Jurisdiction of residence was determined at the time of diagnosis for newly diagnosed persons. For all living and deceased cases, jurisdiction of residence was based on the most recent available address.

Transmission category: Transmission category is the term for classifying cases based on a person's reported HIV risk factors. The classification is based on the CDC algorithm and results from selecting the single risk factor most likely to have been responsible for transmission, even if multiple risk factors were reported. The CDC hierarchy of risk factors, from most likely to lead to HIV transmission, to least likely, is as follows: male-to-male sexual contact (MMSC) and injection drug

use (IDU), MMSC alone, IDU alone, receipt of clotting factor blood product for treatment of hemophilia or other chronic coagulation disorder, and high-risk-heterosexual (HRH) contact. Non-high-risk heterosexual contact was added by OA, and is last in the hierarchy.

Gay, bisexual, and other men who have sex with men are in the transmission category of MMSC. Transgender persons who report sexual contact are placed in the transmission category of sexual contact, regardless of IDU. Persons who inject drugs are in the transmission category of IDU. Persons whose transmission category is classified as HRH contact are persons who reported engaging in heterosexual intercourse with a person of the opposite sex-at-birth, and that partner was known to be HIV positive or engaged in an activity that put them at high risk for HIV (i.e., MMSC, IDU). The transmission category heterosexual contact non-HRH includes persons with no other identified risk, who reported engaging in heterosexual intercourse with a person of the opposite sex of their sex-at-birth. The heterosexual categories exclude men who report ever having had sexual contact with both men and women— these persons are classified as MMSC. Perinatal includes persons who were exposed immediately before or during birth, or by breastfeeding. Cases of HIV infection reported without a risk factor listed in the hierarchy of transmission categories are classified as “unknown risk.” Other includes exposure to blood transfusion or blood products, receiving a transplant, and other unspecified risks.

Rates: Rates per 100,000 persons are based on population estimates from the State of California, Department of Finance, Report P-3: State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060 (Sacramento, California, Jan 2021). For rates at the city level we used the U.S. Census Bureau; American Community Survey 5-Year Estimates (V2022) for 2022, American Community Survey 1-Year Estimates for 2018, 2019 and 2021, Table DP05, and Decennial Census for 2020, Table P1. Retrieved January 30, 2024. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.