



Supplemental Tables to the California HIV Surveillance Report — 2021

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Table S1a. Persons newly diagnosed with HIV infection by race/ethnicity, and selected demographic characteristics, 2021—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 to 11	0	0.0	0	0.0	4	1.3	2	0.1	0	0.0	0	0.0	0	0.0	6	0.1
	12 to 14	0	0.0	0	0.0	0	0.0	3	0.4	0	0.0	0	0.0	0	0.0	3	0.2
	15 to 17	0	0.0	0	0.0	11	12.1	19	2.4	0	0.0	3	0.7	2	3.0	35	2.2
	18 to 19	0	0.0	8	6.1	31	42.4	66	12.0	0	0.0	11	3.1	4	8.4	120	10.3
	20 to 24	1	8.1	26	8.0	127	73.6	325	22.6	0	0.0	81	9.5	8	6.5	568	19.4
	25 to 29	5	41.4	46	15.1	151	84.2	482	37.3	5	45.9	130	15.7	16	17.1	835	30.7
	30 to 34	2	18.5	44	13.9	151	95.5	426	39.0	2	18.9	165	20.1	21	29.7	811	32.7
	35 to 39	3	27.9	31	8.4	81	54.3	359	32.2	2	18.2	137	14.4	11	16.3	624	23.3
	40 to 44	2	19.1	25	6.7	60	41.8	199	18.4	2	19.0	108	11.9	8	13.7	404	15.6
	45 to 49	2	20.4	13	3.3	51	37.3	139	13.5	2	20.9	83	9.7	5	10.3	295	11.9
	50 to 54	3	27.4	14	3.7	34	22.5	116	12.0	3	30.8	106	10.7	5	11.0	281	11.0
	55 to 59	2	16.7	10	2.8	34	21.8	88	10.7	0	0.0	95	8.7	2	4.8	231	9.3
	60 to 64	0	0.0	4	1.2	19	12.7	49	7.3	0	0.0	61	5.1	2	5.2	135	5.6
	65 to 74	1	5.2	6	1.1	20	9.6	31	3.6	0	0.0	25	1.2	3	5.8	86	2.3
	≥ 75	0	0.0	0	0.0	3	2.2	3	0.6	0	0.0	4	0.2	0	0.0	10	0.4
Gender	Cisgender men	13	15.0	196	7.9	615	54.0	2,010	25.1	14	19.6	830	10.9	75	13.6	3,753	18.8
	Cisgender women	5	5.7	23	0.8	131	11.3	226	2.9	2	2.8	155	2.0	10	1.8	552	2.8
	Trans women	3	-	8	-	29	-	65	-	0	-	18	-	2	-	125	-
	Trans men	0	-	0	-	1	-	3	-	0	-	4	-	0	-	8	-
	Alternative gender identity	0	-	0	-	1	-	3	-	0	-	2	-	0	-	6	-
Total	21	12.1	227	4.3	777	33.8	2,307	14.6	16	11.1	1,009	6.6	87	7.8	4,444	11.1	

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.

Table S1b. Persons newly diagnosed with HIV infection, by race/ethnicity and transmission category, 2021—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)	9	69.2%	152	77.6%	389	63.6%	1,393	69.3%	9	64.3%	516	62.2%	58	77.3%	2,526	67.4%
	Injection drug use (IDU)	0	0.0%	2	1.0%	20	3.3%	74	3.7%	0	0.0%	63	7.6%	1	1.3%	160	4.3%
	MMSC and IDU	0	0.0%	3	1.5%	13	2.1%	65	3.2%	1	7.1%	56	6.7%	3	4.0%	141	3.8%
	High-risk heterosexual contact	2	15.4%	3	1.5%	18	2.9%	37	1.8%	0	0.0%	23	2.8%	0	0.0%	83	2.2%
	Heterosexual contact (non-high-risk)	1	7.7%	14	7.1%	97	15.8%	204	10.1%	2	14.3%	62	7.5%	6	8.0%	386	10.3%
	Perinatal/Unknown risk/Other	1	7.7%	22	11.2%	75	12.3%	237	11.8%	2	14.3%	110	13.3%	7	9.3%	454	12.1%
Subtotal		13	61.9%	196	86.3%	612	78.8%	2,010	87.1%	14	87.5%	830	82.3%	75	86.2%	3,750	84.4%
Cisgender women (age ≥12 at diagnosis)	Injection drug use (IDU)	2	40.0%	1	4.3%	4	3.1%	32	14.3%	0	0.0%	41	26.5%	0	0.0%	80	14.6%
	High-risk heterosexual contact	2	40.0%	7	30.4%	28	21.5%	52	23.2%	1	50.0%	32	20.6%	2	20.0%	124	22.6%
	Heterosexual contact (non-high-risk)	1	20.0%	11	47.8%	82	63.1%	118	52.7%	1	50.0%	58	37.4%	8	80.0%	279	50.8%
	Perinatal/Unknown risk/Other	0	0.0%	4	17.4%	16	12.3%	22	9.8%	0	0.0%	24	15.5%	0	0.0%	66	12.0%
Subtotal		5	23.8%	23	10.1%	130	16.7%	224	9.7%	2	12.5%	155	15.4%	10	11.5%	549	12.4%
Trans women (age ≥12 at diagnosis)	Sexual contact	2	66.7%	7	87.5%	27	93.1%	62	95.4%	0	0.0%	15	83.3%	2	100.0%	115	92.0%
	Injection drug use (IDU)	1	33.3%	0	0.0%	0	0.0%	1	1.5%	0	0.0%	1	5.6%	0	0.0%	3	2.4%
	Perinatal/Unknown risk/Other	0	0.0%	1	12.5%	2	6.9%	2	3.1%	0	0.0%	2	11.1%	0	0.0%	7	5.6%
Subtotal		3	14.3%	8	3.5%	29	3.7%	65	2.8%	0	0.0%	18	1.8%	2	2.3%	125	2.8%
Trans men (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	1	100.0%	3	100.0%	0	0.0%	3	75.0%	0	0.0%	7	87.5%
	Injection drug use (IDU)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	25.0%	0	0.0%	1	12.5%
	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%	1	0.1%	3	0.1%	0	0.0%	4	0.4%	0	0.0%	8	0.2%
Alternative gender (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	1	100.0%	2	66.7%	0	0.0%	2	100.0%	0	0.0%	5	83.3%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	1	33.3%	0	0.0%	0	0.0%	0	0.0%	1	16.7%
Subtotal		0	0.0%	0	0.0%	1	0.1%	3	0.1%	0	0.0%	2	0.2%	0	0.0%	6	0.1%
Child (age <12 at diagnosis)	Perinatal	0	0.0%	0	0.0%	4	100.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	6	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%	4	0.5%	2	0.1%	0	0.0%	0	0.0%	0	0.0%	6	0.1%
Total		21		227		777		2,307		16		1,009		87		4,444	

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.

Table S2a. Persons living with diagnosed HIV infection by race/ethnicity, and selected demographic characteristics, 2021—California

Characteristic	American Indian/Alaska Native				Black/African American				Native Hawaiian/Pacific Islander				Asian				Latinx				White				Multiple Races				Total	
	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	9	1.4	19	6.1	28	1.0	1	5.5	13	0.7	5	2.0	75	1.3													
	12 to 14	0	0.0	4	2.5	15	18.1	12	1.5	0	0.0	7	1.7	11	14.5	49	3.1													
	15 to 17	0	0.0	9	5.2	36	39.6	41	5.1	1	18.1	13	2.9	6	8.9	106	6.6													
	18 to 19	0	0.0	12	9.2	60	82.1	106	19.3	0	0.0	24	6.9	9	19.0	211	18.2													
	20 to 24	6	48.8	121	37.2	560	324.5	1,222	85.1	5	47.3	341	40.0	77	63.0	2,332	79.6													
	25 to 29	11	91.0	370	121.4	1,678	936.0	3,803	294.6	19	174.3	1,202	145.5	301	321.6	7,385	271.7													
	30 to 34	25	231.4	672	212.6	2,622	1,658.2	5,717	522.8	43	405.9	2,400	292.5	513	724.5	11,992	483.5													
	35 to 39	32	297.1	744	200.8	2,411	1,616.0	6,409	574.2	34	310.2	3,066	323.2	553	821.2	13,249	495.5													
	40 to 44	29	276.3	758	203.5	2,070	1,442.9	6,774	625.9	35	331.9	3,288	363.2	557	956.5	13,511	523.1													
	45 to 49	35	356.8	812	206.8	2,027	1,482.2	6,576	639.5	31	323.4	3,712	435.3	525	1,085.3	13,718	553.5													
	50 to 54	48	437.9	866	228.7	2,705	1,791.6	7,834	812.8	41	421.6	6,593	666.2	703	1,548.9	18,790	737.1													
	55 to 59	67	559.5	712	200.7	3,384	2,164.8	7,447	903.6	27	281.0	9,674	883.0	763	1,825.6	22,075	885.0													
	60 to 64	38	303.9	436	129.9	2,879	1,924.3	4,893	726.0	14	157.3	8,564	719.8	563	1,461.6	17,387	721.8													
	65 to 74	28	145.0	523	94.7	2,730	1,311.2	3,927	455.5	15	125.3	8,765	420.3	526	1,019.5	16,516	435.7													
≥ 75	7	59.1	104	25.5	487	361.4	840	159.5	2	27.0	2,078	128.4	87	288.9	3,605	131.7														
Gender	Cisgender men	265	306.4	5,324	213.3	17,938	1,576.0	48,208	603.1	220	307.8	45,670	600.9	4,393	796.0	122,021	612.0													
	Cisgender women	51	58.2	715	26.2	5,098	440.4	6,225	79.8	40	55.3	3,766	49.5	684	121.7	16,580	82.8													
	Trans women	10	-	111	-	628	-	1,149	-	8	-	277	-	119	-	2,302	-													
	Trans men	0	-	2	-	17	-	34	-	0	-	24	-	3	-	80	-													
	Alternative gender identity	0	-	0	-	2	-	13	-	0	-	3	-	0	-	18	-													
Total	326	187.2	6,152	117.8	23,683	1,031.6	55,629	352.2	268	186.3	49,740	327.1	5,199	466.7	141,001	352.9														

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.

Table S2b. Persons living with diagnosed HIV infection, by race/ethnicity and transmission category, 2021—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 year end)	Male-to-male sexual contact (MMSC)	181	68.3%	4,324	81.3%	12,156	67.8%	37,146	77.1%	166	75.8%	36,597	80.1%	3,430	78.1%	94,001	77.1%
	Injection drug use (IDU)	22	8.3%	89	1.7%	1,144	6.4%	1,795	3.7%	5	2.3%	1,709	3.7%	159	3.6%	4,923	4.0%
	MMSC and IDU	31	11.7%	176	3.3%	1,197	6.7%	2,665	5.5%	14	6.4%	4,169	9.1%	419	9.5%	8,671	7.1%
	High-risk heterosexual contact	8	3.0%	173	3.3%	1,029	5.7%	1,504	3.1%	2	0.9%	786	1.7%	99	2.3%	3,603	3.0%
	Heterosexual contact (non-high-risk)	7	2.6%	271	5.1%	1,189	6.6%	2,511	5.2%	18	8.2%	974	2.1%	127	2.9%	5,097	4.2%
	Perinatal/Unknown risk/Other	16	6.0%	287	5.4%	1,215	6.8%	2,572	5.3%	14	6.4%	1,430	3.1%	156	3.6%	5,690	4.7%
Subtotal		265	81.3%	5,320	86.5%	17,930	75.7%	48,193	86.6%	219	81.7%	45,665	91.8%	4,390	84.4%	121,985	86.5%
Cisgender women (age ≥12 at year end)	Injection drug use (IDU)	20	39.2%	24	3.4%	750	14.7%	709	11.4%	7	17.5%	1,030	27.4%	124	18.2%	2,664	16.1%
	High-risk heterosexual contact	18	35.3%	416	58.6%	2,336	45.9%	3,293	53.0%	21	52.5%	1,702	45.3%	294	43.1%	8,080	48.8%
	Heterosexual contact (non-high-risk)	10	19.6%	197	27.7%	1,484	29.2%	1,566	25.2%	11	27.5%	697	18.5%	195	28.6%	4,160	25.1%
	Perinatal/Unknown risk/Other	3	5.9%	73	10.3%	517	10.2%	644	10.4%	1	2.5%	329	8.8%	69	10.1%	1,637	9.9%
Subtotal		51	15.6%	710	11.5%	5,087	21.5%	6,212	11.2%	40	14.9%	3,758	7.6%	682	13.1%	16,541	11.7%
Trans women (age ≥12 at year end)	Sexual contact	8	80.0%	108	97.3%	611	97.3%	1,127	98.1%	8	100.0%	269	97.1%	117	98.3%	2,248	97.7%
	Injection drug use (IDU)	1	10.0%	0	0.0%	4	0.6%	5	0.4%	0	0.0%	3	1.1%	1	0.8%	14	0.6%
	Perinatal/Unknown risk/Other	1	10.0%	3	2.7%	13	2.1%	17	1.5%	0	0.0%	5	1.8%	1	0.8%	40	1.7%
Subtotal		10	3.1%	111	1.8%	628	2.7%	1,149	2.1%	8	3.0%	277	0.6%	119	2.3%	2,302	1.6%
Trans men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	11	64.7%	27	79.4%	0	0.0%	18	75.0%	0	0.0%	56	70.0%
	Injection drug use (IDU)	0	0.0%	1	50.0%	3	17.6%	4	11.8%	0	0.0%	4	16.7%	2	66.7%	14	17.5%
	Perinatal/Unknown risk/Other	0	0.0%	1	50.0%	3	17.6%	3	8.8%	0	0.0%	2	8.3%	1	33.3%	10	12.5%
Subtotal		0	0.0%	2	0.0%	17	0.1%	34	0.1%	0	0.0%	24	0.0%	3	0.1%	80	0.1%
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	2	100.0%	11	84.6%	0	0.0%	3	100.0%	0	0.0%	16	88.9%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	2	15.4%	0	0.0%	0	0.0%	0	0.0%	2	11.1%
Subtotal		0	0.0%	0	0.0%	2	0.0%	13	0.0%	0	0.0%	3	0.0%	0	0.0%	18	0.0%
Child (age <12 at year end)	Perinatal	0	0.0%	7	77.8%	15	78.9%	24	85.7%	1	100.0%	11	84.6%	5	100.0%	63	84.0%
	Unknown risk/Other	0	0.0%	2	22.2%	4	21.1%	4	14.3%	0	0.0%	2	15.4%	0	0.0%	12	16.0%
Subtotal		0	0.0%	9	0.1%	19	0.1%	28	0.1%	1	0.4%	13	0.0%	5	0.1%	75	0.1%
Total		326		6,152		23,683		55,629		268		49,740		5,199		141,001	

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. There were four persons diagnosed and living with HIV in California with an unknown race/ethnicity.

Table S3a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and selected demographic characteristics, 2017–2021 — California

Characteristic	2017			2018			2019			2020			2021			
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	
Age at year end (in years)	0 to11	21	0.0%	0.3	21	0.0%	0.3	17	0.0%	0.3	14	0.0%	0.2	14	0.0%	0.2
	12 to 14	15	0.0%	1.0	9	0.0%	0.6	10	0.0%	0.6	9	0.0%	0.6	11	0.0%	0.7
	15 to 17	13	0.0%	0.8	19	0.0%	1.2	16	0.0%	1.0	16	0.0%	1.0	11	0.0%	0.7
	18 to 19	33	0.0%	2.8	23	0.0%	2.0	18	0.0%	1.5	19	0.0%	1.6	25	0.0%	2.2
	20 to 24	385	0.6%	12.7	349	0.5%	11.6	308	0.5%	10.4	268	0.4%	9.1	249	0.4%	8.5
	25 to 29	1,432	2.1%	56.4	1,321	2.0%	50.7	1,250	1.9%	47.1	1,160	1.8%	43.2	1,114	1.7%	41.0
	30 to 34	2,769	4.1%	103.9	2,716	4.1%	104.7	2,650	4.0%	104.8	2,506	3.8%	101.2	2,436	3.7%	98.2
	35 to 39	4,212	6.3%	157.5	4,056	6.1%	149.2	3,882	5.9%	141.6	3,826	5.8%	141.0	3,675	5.6%	137.5
	40 to 44	5,474	8.1%	217.9	5,168	7.8%	205.9	5,034	7.7%	200.1	4,925	7.5%	193.9	4,857	7.5%	188.0
	45 to 49	9,319	13.9%	353.0	8,214	12.4%	313.2	7,358	11.2%	285.1	6,586	10.1%	261.3	6,046	9.3%	244.0
	50 to 54	13,318	19.8%	516.4	12,447	18.9%	488.6	11,487	17.5%	455.0	10,661	16.3%	421.5	9,813	15.1%	384.9
	55 to 59	12,671	18.9%	495.6	12,945	19.6%	504.4	13,367	20.3%	521.2	13,358	20.4%	527.7	12,870	19.8%	516.0
	60 to 64	8,716	13.0%	383.2	9,052	13.7%	389.3	9,509	14.5%	403.8	10,127	15.5%	425.0	10,784	16.6%	447.7
65 to 74	7,322	10.9%	222.4	8,036	12.2%	235.3	8,897	13.5%	251.5	9,806	15.0%	267.7	10,732	16.5%	283.1	
≥ 75	1,474	2.2%	62.8	1,652	2.5%	68.0	1,905	2.9%	75.4	2,170	3.3%	82.7	2,461	3.8%	89.9	
Race/ethnicity	Latinx	26,158	38.9%	169.7	26,285	39.8%	169.1	26,588	40.5%	170.1	26,854	41.0%	171.2	27,081	41.6%	171.4
	American Indian/Alaska Native	142	0.2%	82.7	133	0.2%	77.3	138	0.2%	80.0	136	0.2%	78.6	135	0.2%	77.5
	Asian	2,431	3.6%	46.8	2,452	3.7%	46.9	2,490	3.8%	47.7	2,541	3.9%	48.7	2,573	4.0%	49.3
	Black/African American	10,996	16.4%	485.9	10,767	16.3%	474.8	10,676	16.2%	468.6	10,568	16.1%	462.8	10,447	16.0%	455.1
	Native Hawaiian/Other Pacific Islander	98	0.1%	68.8	98	0.1%	68.5	100	0.2%	69.7	99	0.2%	69.0	106	0.2%	73.7
	White	24,962	37.2%	163.6	23,934	36.2%	156.9	23,381	35.6%	153.5	22,936	35.0%	151.0	22,475	34.5%	147.8
	Multiple races	2,383	3.5%	226.8	2,355	3.6%	220.4	2,331	3.5%	215.1	2,313	3.5%	210.8	2,277	3.5%	204.4
	Unknown race	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-
Gender	Cisgender men	58,313	86.8%	296.0	57,224	86.7%	289.0	56,883	86.6%	286.6	56,594	86.5%	285.1	56,249	86.4%	282.1
	Cisgender women	7,906	11.8%	40.0	7,856	11.9%	39.5	7,858	12.0%	39.5	7,877	12.0%	39.5	7,855	12.1%	39.2
	Trans women	934	1.4%	-	929	1.4%	-	947	1.4%	-	960	1.5%	-	973	1.5%	-
	Trans men	20	0.0%	-	19	0.0%	-	20	0.0%	-	19	0.0%	-	20	0.0%	-
	Alternative gender identity	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-	1	0.0%	-
Total	67,174		170.1	66,028		166.4	65,708		165.3	65,451		164.5	65,098		162.9	

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.

Table S3b. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and transmission category, 2017–2021 — California

Demographic group	Transmission category	2017	%	2018	%	2019	%	2020	%	2021	%
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	43,086	73.9%	42,312	74.0%	41,993	73.8%	41,747	73.8%	41,462	73.7%
	Injection drug use (IDU)	3,338	5.7%	3,226	5.6%	3,154	5.5%	3,118	5.5%	3,054	5.4%
	MMSC and IDU	5,404	9.3%	5,183	9.1%	5,086	8.9%	4,941	8.7%	4,801	8.5%
	High-risk heterosexual contact	2,239	3.8%	2,222	3.9%	2,209	3.9%	2,186	3.9%	2,162	3.8%
	Heterosexual contact (non-high-risk)	2,221	3.8%	2,244	3.9%	2,332	4.1%	2,423	4.3%	2,517	4.5%
	Perinatal/Unknown risk/Other	2,012	3.5%	2,024	3.5%	2,098	3.7%	2,168	3.8%	2,243	4.0%
	Subtotal	58,300	86.8%	57,211	86.6%	56,872	86.6%	56,583	86.5%	56,239	86.4%
Cisgender women (age ≥12 at year end)	Injection drug use (IDU)	1,667	21.1%	1,609	20.5%	1,570	20.0%	1,545	19.6%	1,526	19.4%
	High-risk heterosexual contact	4,304	54.5%	4,267	54.4%	4,242	54.0%	4,229	53.7%	4,173	53.2%
	Heterosexual contact (non-high-risk)	1,308	16.6%	1,343	17.1%	1,398	17.8%	1,447	18.4%	1,494	19.0%
	Perinatal/Unknown risk/Other	619	7.8%	629	8.0%	642	8.2%	653	8.3%	658	8.4%
	Subtotal	7,898	11.8%	7,848	11.9%	7,852	11.9%	7,874	12.0%	7,851	12.1%
Trans women (age ≥12 at year end)	Sexual contact	922	98.7%	916	98.6%	935	98.7%	949	98.9%	960	98.7%
	Injection drug use (IDU)	8	0.9%	9	1.0%	8	0.8%	7	0.7%	8	0.8%
	Perinatal/Unknown risk/Other	4	0.4%	4	0.4%	4	0.4%	4	0.4%	5	0.5%
	Subtotal	934	1.4%	929	1.4%	947	1.4%	960	1.5%	973	1.5%
Trans men (age ≥12 at year end)	Sexual contact	13	65.0%	13	68.4%	14	70.0%	13	68.4%	13	65.0%
	Injection drug use (IDU)	5	25.0%	4	21.1%	4	20.0%	4	21.1%	5	25.0%
	Perinatal/Unknown risk/Other	2	10.0%	2	10.5%	2	10.0%	2	10.5%	2	10.0%
	Subtotal	20	0.0%	19	0.0%	20	0.0%	19	0.0%	20	0.0%
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	1	100.0%	1	100.0%
	Injection drug use (IDU)	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Subtotal	1	0.0%	0	0.0%	0	0.0%	1	0.0%	1	0.0%
Child (age <12 at year end)	Perinatal	18	85.7%	17	81.0%	13	76.5%	11	78.6%	12	85.7%
	Unknown risk/Other	3	14.3%	4	19.0%	4	23.5%	3	21.4%	2	14.3%
	Subtotal	21	0.0%	21	0.0%	17	0.0%	14	0.0%	14	0.0%
Total		67,174		66,028		65,708		65,451		65,098	

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 — 2021

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2017–2021 — California

County of current residence	2017			2018			2019			2020			2021		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,408	5.1%	206.5	3,299	5.0%	198.7	3,228	4.9%	193.4	3,130	4.8%	187.2	3,094	4.8%	184.3
Alpine	2	0.0%	174.5	2	0.0%	176.2	2	0.0%	178.1	2	0.0%	179.4	2	0.0%	176.5
Amador	108	0.2%	290.9	104	0.2%	275.3	88	0.1%	233.3	86	0.1%	228.9	80	0.1%	210.6
Butte	150	0.2%	66.4	152	0.2%	67.1	143	0.2%	66.7	140	0.2%	67.8	134	0.2%	59.1
Calaveras	26	0.0%	58.2	28	0.0%	62.8	29	0.0%	65.3	27	0.0%	61.0	27	0.0%	61.2
Colusa	4	0.0%	18.2	6	0.0%	27.3	5	0.0%	22.7	6	0.0%	27.2	7	0.0%	30.7
Contra Costa	1,379	2.1%	121.3	1,384	2.1%	120.9	1,355	2.1%	118.1	1,378	2.1%	119.8	1,343	2.1%	115.8
Del Norte	11	0.0%	41.4	12	0.0%	44.3	15	0.0%	55.1	16	0.0%	58.8	19	0.0%	70.8
El Dorado	101	0.2%	54.5	109	0.2%	58.0	111	0.2%	58.8	109	0.2%	56.8	115	0.2%	60.8
Fresno	1,012	1.5%	101.4	1,015	1.5%	100.6	1,030	1.6%	101.1	1,056	1.6%	102.9	1,049	1.6%	102.7
Glenn	12	0.0%	42.1	12	0.0%	41.9	12	0.0%	41.3	14	0.0%	47.4	11	0.0%	37.7
Humboldt	98	0.1%	72.5	96	0.1%	71.2	99	0.2%	74.0	88	0.1%	66.3	100	0.2%	74.5
Imperial	172	0.3%	92.0	174	0.3%	92.6	178	0.3%	94.2	181	0.3%	96.2	192	0.3%	100.2
Inyo	12	0.0%	64.6	10	0.0%	54.0	10	0.0%	54.2	12	0.0%	65.1	13	0.0%	71.5
Kern	843	1.3%	94.4	863	1.3%	95.7	864	1.3%	95.0	923	1.4%	101.1	969	1.5%	105.3
Kings	89	0.1%	59.2	93	0.1%	60.9	97	0.1%	63.2	95	0.1%	61.4	90	0.1%	58.0
Lake	94	0.1%	145.5	96	0.1%	148.6	90	0.1%	140.4	87	0.1%	136.4	85	0.1%	132.5
Lassen	9	0.0%	30.2	7	0.0%	23.6	9	0.0%	31.1	8	0.0%	27.7	10	0.0%	33.4
Los Angeles	25,124	37.4%	245.8	24,652	37.3%	241.1	24,566	37.4%	240.6	24,380	37.2%	239.7	24,162	37.1%	236.9
Madera	102	0.2%	65.4	101	0.2%	64.1	103	0.2%	65.3	110	0.2%	69.3	117	0.2%	72.6
Marin	441	0.7%	168.1	439	0.7%	167.4	445	0.7%	170.5	422	0.6%	163.0	411	0.6%	159.2
Mariposa	12	0.0%	66.7	13	0.0%	72.6	13	0.0%	72.9	10	0.0%	56.2	9	0.0%	51.2
Mendocino	105	0.2%	118.3	96	0.1%	108.5	92	0.1%	104.4	94	0.1%	107.4	93	0.1%	105.3
Merced	147	0.2%	53.4	140	0.2%	50.4	141	0.2%	50.1	156	0.2%	54.8	167	0.3%	58.4
Modoc	0	0.0%	0.0	1	0.0%	10.5	2	0.0%	21.1	2	0.0%	21.2	2	0.0%	21.3
Mono	5	0.0%	36.7	5	0.0%	36.9	4	0.0%	29.4	5	0.0%	37.2	5	0.0%	36.1
Monterey	415	0.6%	94.4	398	0.6%	90.1	403	0.6%	90.9	403	0.6%	91.3	398	0.6%	89.4
Napa	153	0.2%	108.5	149	0.2%	106.2	147	0.2%	105.1	150	0.2%	108.1	143	0.2%	102.6
Nevada	76	0.1%	77.7	73	0.1%	74.6	73	0.1%	74.6	70	0.1%	71.8	71	0.1%	72.4
Orange	3,471	5.2%	108.9	3,370	5.1%	105.5	3,345	5.1%	104.7	3,366	5.1%	105.5	3,363	5.2%	104.8
Placer	186	0.3%	48.6	191	0.3%	49.0	196	0.3%	49.7	205	0.3%	51.6	213	0.3%	53.7
Plumas	9	0.0%	49.0	8	0.0%	43.7	8	0.0%	43.4	9	0.0%	49.3	10	0.0%	52.3
Riverside	4,417	6.6%	185.4	4,470	6.8%	185.6	4,541	6.9%	187.0	4,629	7.1%	189.0	4,693	7.2%	189.4
Sacramento	2,070	3.1%	136.3	2,072	3.1%	135.0	2,078	3.2%	134.2	2,094	3.2%	134.0	2,099	3.2%	134.7
San Benito	33	0.0%	55.2	30	0.0%	49.4	33	0.1%	53.2	36	0.1%	57.3	36	0.1%	58.3
San Bernardino	2,146	3.2%	99.9	2,229	3.4%	103.2	2,281	3.5%	104.8	2,276	3.5%	104.2	2,288	3.5%	104.0
San Diego	6,676	9.9%	201.4	6,508	9.9%	194.9	6,435	9.8%	192.3	6,411	9.8%	191.3	6,354	9.8%	190.0
San Francisco	6,626	9.9%	746.7	6,372	9.7%	713.0	6,198	9.4%	690.9	6,034	9.2%	670.5	5,898	9.1%	660.9
San Joaquin	678	1.0%	90.7	678	1.0%	89.6	680	1.0%	88.5	699	1.1%	90.1	726	1.1%	93.6
San Luis Obispo	228	0.3%	82.1	180	0.3%	64.7	189	0.3%	68.2	185	0.3%	67.0	199	0.3%	71.4
San Mateo	811	1.2%	105.0	786	1.2%	101.4	776	1.2%	100.0	743	1.1%	95.9	717	1.1%	92.5
Santa Barbara	278	0.4%	62.0	281	0.4%	62.4	283	0.4%	62.6	280	0.4%	62.0	280	0.4%	61.7
Santa Clara	1,909	2.8%	97.9	1,844	2.8%	94.1	1,843	2.8%	94.0	1,828	2.8%	93.2	1,815	2.8%	91.9
Santa Cruz	266	0.4%	96.9	267	0.4%	97.6	266	0.4%	97.7	265	0.4%	98.1	255	0.4%	92.7
Shasta	110	0.2%	61.8	107	0.2%	60.1	106	0.2%	59.7	105	0.2%	59.1	109	0.2%	61.8
Sierra	2	0.0%	63.5	2	0.0%	63.8	2	0.0%	64.0	2	0.0%	64.2	1	0.0%	32.3
Siskiyou	38	0.1%	85.9	41	0.1%	92.9	40	0.1%	90.9	38	0.1%	86.8	34	0.1%	78.5
Solano	727	1.1%	166.6	707	1.1%	161.2	710	1.1%	161.4	713	1.1%	162.0	725	1.1%	162.8
Sonoma	874	1.3%	173.8	844	1.3%	169.2	829	1.3%	167.5	827	1.3%	168.4	799	1.2%	159.5
Stanislaus	450	0.7%	82.1	453	0.7%	82.1	459	0.7%	82.8	460	0.7%	82.7	450	0.7%	80.1
Sutter	50	0.1%	50.4	53	0.1%	52.5	56	0.1%	54.5	54	0.1%	53.4	58	0.1%	58.5
Tehama	27	0.0%	42.2	21	0.0%	32.6	24	0.0%	36.8	25	0.0%	38.3	23	0.0%	36.0
Trinity	9	0.0%	66.9	6	0.0%	44.8	7	0.0%	52.3	6	0.0%	45.1	6	0.0%	45.5
Tulare	214	0.3%	45.5	225	0.3%	47.5	224	0.3%	46.9	228	0.3%	47.4	246	0.4%	51.1
Tuolumne	24	0.0%	45.4	30	0.0%	56.8	29	0.0%	55.2	33	0.1%	63.0	32	0.0%	61.9
Ventura	543	0.8%	64.0	528	0.8%	62.2	521	0.8%	61.7	536	0.8%	63.7	541	0.8%	63.6
Yolo	143	0.2%	65.4	149	0.2%	67.6	153	0.2%	69.3	158	0.2%	71.3	160	0.2%	70.8
Yuba	49	0.1%	64.1	47	0.1%	61.0	42	0.1%	53.8	46	0.1%	58.2	50	0.1%	64.0
Total	67,174		170.1	66,028		166.4	65,708		165.3	65,451		164.5	65,098		162.9
Berkeley city	250	0.4%	204.4	231	0.3%	189.9	220	0.3%	181.3	230	0.4%	185.0	226	0.3%	192.9
Long Beach city	2,470	3.7%	526.1	2,276	3.4%	487.0	2,276	3.5%	492.0	2,234	3.4%	478.6	2,180	3.3%	478.0
Pasadena city	301	0.4%	211.0	305	0.5%	215.7	298	0.5%	211.3	307	0.5%	221.3	304	0.5%	223.9

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).

Table S4a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity, and selected demographic characteristics, 2021—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 year end (years)	0 to11	0	0.0	1	0.2	4	1.3	7	0.3	0	0.0	1	0.1	1	0.4	14	0.2
	12 to 14	0	0.0	1	0.6	2	2.4	3	0.4	0	0.0	2	0.5	3	4.0	11	0.7
	15 to 17	0	0.0	0	0.0	5	5.5	5	0.6	1	18.1	0	0.0	0	0.0	11	0.7
	18 to 19	0	0.0	4	3.1	4	5.5	11	2.0	0	0.0	1	0.3	5	10.6	25	2.2
	20 to 24	1	8.1	18	5.5	54	31.3	139	9.7	1	9.5	27	3.2	9	7.4	249	8.5
	25 to 29	0	0.0	45	14.8	249	138.9	641	49.6	3	27.5	135	16.3	40	42.7	1,114	41.0
	30 to 34	3	27.8	132	41.8	515	325.7	1,321	120.8	13	122.7	352	42.9	100	141.2	2,436	98.2
	35 to 39	8	74.3	194	52.4	640	429.0	2,057	184.3	7	63.9	604	63.7	165	245.0	3,675	137.5
	40 to 44	9	85.7	249	66.8	681	474.7	2,830	261.5	11	104.3	867	95.8	210	360.6	4,857	188.0
	45 to 49	14	142.7	320	81.5	881	644.2	3,383	329.0	13	135.6	1,218	142.8	217	448.6	6,046	244.0
	50 to 54	19	173.3	459	121.2	1,416	937.9	4,681	485.7	18	185.1	2,882	291.2	338	744.7	9,813	384.9
	55 to 59	38	317.4	424	119.5	2,028	1,297.4	5,028	610.1	16	166.5	4,890	446.3	445	1,064.7	12,870	516.0
	60 to 64	25	199.9	296	88.2	1,827	1,221.1	3,461	513.5	11	123.6	4,824	405.4	340	882.7	10,784	447.7
	65 to 74	14	72.5	355	64.3	1,796	862.6	2,865	332.3	10	83.5	5,346	256.4	344	666.7	10,732	283.1
	≥ 75	4	33.7	75	18.4	345	256.0	649	123.3	2	27.0	1,326	81.9	60	199.3	2,461	89.9
Gender	Cisgender men	108	124.9	2,189	87.7	7,773	682.9	23,477	293.7	83	116.1	20,696	272.3	1,920	347.9	56,249	282.1
	Cisgender women	27	30.8	336	12.3	2,419	209.0	3,071	39.4	18	24.9	1,677	22.1	306	54.4	7,855	39.2
	Trans women	0	-	48	-	249	-	522	-	5	-	99	-	50	-	973	-
	Trans men	0	-	0	-	6	-	10	-	0	-	3	-	1	-	20	-
	Alternative gender identity	0	-	0	-	0	-	1	-	0	-	0	-	0	-	1	-
Total	135	77.5	2,573	49.3	10,447	455.1	27,081	171.4	106	73.7	22,475	147.8	2,277	204.4	65,098	162.9	

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.

Table S4b. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity and transmission category, 2021—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 year end)	Male-to-male sexual contact (MMSC)	67	62.0%	1,704	77.9%	4,785	61.6%	17,204	73.3%	59	71.1%	16,223	78.4%	1,419	73.9%	41,462
	Injection drug use (IDU)	16	14.8%	47	2.1%	734	9.4%	1,160	4.9%	2	2.4%	992	4.8%	103	5.4%	3,054
	MMSC and IDU	14	13.0%	91	4.2%	706	9.1%	1,539	6.6%	8	9.6%	2,220	10.7%	223	11.6%	4,801
	High-risk heterosexual contact	4	3.7%	99	4.5%	589	7.6%	1,023	4.4%	0	0.0%	391	1.9%	54	2.8%	2,162
	Heterosexual contact (non-high-risk)	3	2.8%	131	6.0%	515	6.6%	1,384	5.9%	9	10.8%	414	2.0%	61	3.2%	2,517
	Perinatal/Unknown risk/Other	4	3.7%	116	5.3%	441	5.7%	1,162	5.0%	5	6.0%	456	2.2%	59	3.1%	2,243
	Subtotal		108	80.0%	2,188	85.0%	7,770	74.4%	23,472	86.7%	83	78.3%	20,696	92.1%	1,919	84.3%
Cisgender women (age ≥12 at year end)	Injection drug use (IDU)	11	40.7%	17	5.1%	477	19.7%	393	12.8%	3	16.7%	557	33.2%	68	22.2%	1,526
	High-risk heterosexual contact	10	37.0%	216	64.3%	1,210	50.0%	1,770	57.7%	10	55.6%	816	48.7%	141	46.1%	4,173
	Heterosexual contact (non-high-risk)	4	14.8%	74	22.0%	519	21.5%	620	20.2%	5	27.8%	201	12.0%	71	23.2%	1,494
	Perinatal/Unknown risk/Other	2	7.4%	29	8.6%	212	8.8%	286	9.3%	0	0.0%	102	6.1%	26	8.5%	658
	Subtotal		27	20.0%	336	13.1%	2,418	23.1%	3,069	11.3%	18	17.0%	1,676	7.5%	306	13.4%
Trans women (age ≥12 at year end)	Sexual contact	0	0.0%	48	100.0%	244	98.0%	516	98.9%	5	100.0%	98	99.0%	49	98.0%	960
	Injection drug use (IDU)	0	0.0%	0	0.0%	3	1.2%	3	0.6%	0	0.0%	1	1.0%	1	2.0%	8
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	2	0.8%	3	0.6%	0	0.0%	0	0.0%	0	0.0%	5
	Subtotal		0	0.0%	48	1.9%	249	2.4%	522	1.9%	5	4.7%	99	0.4%	50	2.2%
Trans men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	4	66.7%	8	80.0%	0	0.0%	1	33.3%	0	0.0%	13
	Injection drug use (IDU)	0	0.0%	0	0.0%	1	16.7%	1	10.0%	0	0.0%	2	66.7%	1	100.0%	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%	2
	Subtotal		0	0.0%	0	0.0%	6	0.1%	10	0.0%	0	0.0%	3	0.0%	1	0.0%
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	1
	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
	Subtotal		0	0.0%	0	0.0%	0	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
Child (age <12 at year end)	Perinatal	0	0.0%	1	100.0%	4	100.0%	5	71.4%	0	0.0%	1	100.0%	1	100.0%	12
	Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	2	28.6%	0	0.0%	0	0.0%	0	0.0%	2
	Subtotal		0	0.0%	1	0.0%	4	0.0%	7	0.0%	0	0.0%	1	0.0%	1	0.0%
Total		135		2,573		10,447		27,081		106		22,475		2,277		65,098

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, 2022 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, 2022. 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 12

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 1-Year Estimates for 2017-2019 and 2021, Table DP05, and Decennial Census for 2020, Table P1. Retrieved March 7, 2023. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.