



Supplemental Tables to the California HIV Surveillance Report — 2020

The California HIV Surveillance Report is published annually by the California Department of Public Health, Center for Infectious Diseases, Office of AIDS, Sacramento, California.

Released on May 12, 2022

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Table S1a. Persons newly diagnosed with HIV infection by race/ethnicity, and selected demographic characteristics, 2020—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	1	0.3	4	0.1	1	5.5	0	0.0	0	0.0	6	0.1
	12 to 14	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
	15 to 17	0	0.0	0	0.0	8	9.7	16	2.1	0	0.0	4	0.9	1	1.8	29	1.9
	18 to 19	0	0.0	6	3.5	17	22.6	42	7.2	1	22.7	11	3.1	3	7.8	80	6.5
	20 to 24	1	7.3	21	4.8	127	66.7	288	20.7	1	9.9	92	10.1	13	14.1	543	17.8
	25 to 29	3	15.0	54	13.2	151	76.9	468	37.0	4	38.7	150	17.8	20	28.2	850	30.2
	30 to 34	1	5.7	31	7.4	124	71.2	395	34.6	1	10.6	148	17.8	12	22.4	712	27.0
	35 to 39	1	6.5	24	5.2	70	43.7	248	21.4	1	10.6	115	12.9	10	20.4	469	17.0
	40 to 44	3	21.7	21	4.7	54	35.6	181	17.0	1	10.5	90	11.1	12	29.5	362	14.3
	45 to 49	1	8.2	20	4.5	35	23.9	130	13.1	0	0.0	91	11.2	11	31.9	288	11.7
	50 to 54	0	0.0	15	3.6	43	26.9	95	10.2	0	0.0	86	9.2	3	9.4	242	9.7
	55 to 59	1	7.3	6	1.5	27	16.3	56	7.0	1	10.5	89	8.1	3	9.6	183	7.3
	60 to 64	0	0.0	8	2.1	23	15.3	42	6.5	1	11.7	42	3.7	3	11.0	119	5.0
	65 to 74	0	0.0	9	1.5	7	3.5	21	2.6	0	0.0	27	1.4	5	13.7	69	1.9
	≥ 75	0	0.0	1	0.2	1	0.8	0	0.0	0	0.0	10	0.7	0	0.0	12	0.5
Gender	Cisgender men	10	10.0	191	6.5	527	43.7	1,745	22.1	7	10.4	796	10.9	82	18.7	3,358	16.8
	Cisgender women	1	0.9	20	0.6	128	10.8	177	2.3	4	5.9	151	2.0	9	2.0	490	2.4
	Trans women	0	-	5	-	33	-	60	-	1	-	7	-	5	-	111	-
	Trans men	0	-	0	-	0	-	3	-	0	-	1	-	0	-	4	-
	Alternative gender identity	0	-	0	-	0	-	2	-	0	-	0	-	0	-	2	-
Total	11	5.3	216	3.5	688	28.7	1,987	12.7	12	8.8	955	6.5	96	10.8	3,965	9.9	

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 S1b. Persons newly diagnosed with HIV infection, by race/ethnicity and transmission category, 2020—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	70.0%	143	74.9%	345	65.6%	1,218	69.9%	1	16.7%	481	60.4%	55	67.1%	2,250	67.1%
	Injection drug use (IDU)	0	0.0%	3	1.6%	12	2.3%	57	3.3%	1	16.7%	54	6.8%	3	3.7%	130	3.9%
	MMSC and IDU	0	0.0%	5	2.6%	13	2.5%	50	2.9%	0	0.0%	48	6.0%	4	4.9%	120	3.6%
	High-risk heterosexual contact	0	0.0%	6	3.1%	13	2.5%	27	1.5%	2	33.3%	18	2.3%	0	0.0%	66	2.0%
	Heterosexual contact (non-high-risk)	0	0.0%	13	6.8%	55	10.5%	174	10.0%	0	0.0%	72	9.0%	12	14.6%	326	9.7%
	Perinatal/Unknown risk/Other	3	30.0%	21	11.0%	88	16.7%	217	12.4%	2	33.3%	123	15.5%	8	9.8%	462	13.8%
Subtotal		10	90.9%	191	88.4%	526	76.5%	1,743	87.7%	6	50.0%	796	83.4%	82	85.4%	3,354	84.6%
Cisgender women (age ≥12 at diagnosis)	Injection drug use	0	0.0%	0	0.0%	8	6.3%	22	12.6%	0	0.0%	33	21.9%	0	0.0%	63	12.9%
	High-risk heterosexual contact	0	0.0%	5	25.0%	28	21.9%	51	29.1%	4	100.0%	26	17.2%	1	11.1%	115	23.6%
	Heterosexual contact (non-high-risk)	1	100.0%	12	60.0%	74	57.8%	82	46.9%	0	0.0%	59	39.1%	7	77.8%	235	48.2%
	Perinatal/Unknown risk/Other	0	0.0%	3	15.0%	18	14.1%	20	11.4%	0	0.0%	33	21.9%	1	11.1%	75	15.4%
Subtotal		1	9.1%	20	9.3%	128	18.6%	175	8.8%	4	33.3%	151	15.8%	9	9.4%	488	12.3%
Trans women (age ≥12 at diagnosis)	Sexual contact	0	0.0%	5	100.0%	33	100.0%	54	90.0%	1	100.0%	7	100.0%	5	100.0%	105	94.6%
	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%	6	10.0%	0	0.0%	0	0.0%	0	0.0%	6	5.4%
Subtotal		0	0.0%	5	2.3%	33	4.8%	60	3.0%	1	8.3%	7	0.7%	5	5.2%	111	2.8%
Trans men (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	1	33.3%	0	0.0%	1	100.0%	0	0.0%	2	50.0%
	Injection drug use	0	0.0%	0	0.0%	0	0.0%	2	66.7%	0	0.0%	0	0.0%	0	0.0%	2	50.0%
	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%	3	0.2%	0	0.0%	1	0.1%	0	0.0%	4	0.1%
Alternative gender (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	1	50.0%
	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%	1	50.0%
Subtotal		0	0.0%	0	0.0%	0	0.0%	2	0.1%	0	0.0%	0	0.0%	0	0.0%	2	0.1%
Child (age <12 at diagnosis)	Perinatal	0	0.0%	0	0.0%	1	100.0%	3	75.0%	1	100.0%	0	0.0%	0	0.0%	5	83.3%
	Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	1	16.7%
Subtotal		0	0.0%	0	0.0%	1	0.1%	4	0.2%	1	8.3%	0	0.0%	0	0.0%	6	0.2%
Total		11		216		688		1,987		12		955		96		3,965	

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, 2020—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	8	1.0	18	5.6	26	1.0	1	5.5	14	0.8	9	3.8	76	1.3
	12 to 14	0	0.0	8	4.2	17	20.3	11	1.3	0	0.0	9	2.2	9	14.2	54	3.4
	15 to 17	0	0.0	6	3.1	39	47.3	44	5.6	1	17.8	14	3.3	4	7.0	108	7.0
	18 to 19	0	0.0	10	5.9	48	63.9	94	16.0	1	22.7	24	6.8	9	23.5	186	15.1
	20 to 24	8	58.4	115	26.5	604	317.3	1,276	91.8	6	59.7	383	41.9	85	92.3	2,477	81.4
	25 to 29	15	74.8	397	97.3	1,737	884.3	3,844	303.6	21	203.2	1,346	160.1	314	443.5	7,675	272.9
	30 to 34	24	137.6	641	153.8	2,565	1,471.9	5,470	479.7	43	457.5	2,487	299.9	495	924.8	11,725	443.9
	35 to 39	35	228.8	706	152.0	2,300	1,435.3	6,140	530.2	29	306.7	3,134	350.3	520	1,062.2	12,864	467.6
	40 to 44	34	246.2	760	171.7	2,002	1,320.7	6,551	616.9	35	368.9	3,266	403.5	522	1,284.0	13,170	520.7
	45 to 49	33	272.0	850	190.8	2,118	1,449.2	6,629	668.1	35	389.9	4,201	517.0	530	1,536.4	14,396	587.1
	50 to 54	65	529.4	834	200.2	2,925	1,828.9	7,987	859.6	28	323.8	7,261	774.9	684	2,143.3	19,785	792.8
	55 to 59	59	431.8	652	161.5	3,558	2,142.4	7,124	890.4	33	346.5	10,477	954.1	707	2,262.8	22,610	896.4
	60 to 64	33	241.0	441	115.0	2,780	1,849.9	4,409	679.1	14	164.2	8,138	713.5	494	1,819.1	16,309	687.3
	65 to 74	31	165.6	462	75.2	2,500	1,235.1	3,455	427.8	14	126.2	8,172	425.1	440	1,206.9	15,076	417.3
≥ 75	5	47.0	97	22.0	432	330.5	764	147.1	2	30.2	1,820	121.1	72	305.1	3,192	121.1	
Gender	Cisgender men	284	283.3	5,189	177.0	17,898	1,483.0	46,642	591.7	216	319.8	46,696	638.4	4,126	940.3	121,054	607.0
	Cisgender women	50	47.2	699	21.5	5,131	432.3	6,073	78.4	39	57.2	3,766	51.0	643	143.6	16,402	81.2
	Trans women	8	-	97	-	596	-	1,068	-	8	-	260	-	123	-	2,160	-
	Trans men	0	-	2	-	17	-	33	-	0	-	24	-	2	-	78	-
	Alternative gender identity	0	-	0	-	1	-	8	-	0	-	0	-	0	-	9	-
Total	342	165.9	5,987	96.7	23,643	987.7	53,824	344.5	263	193.8	50,746	345.4	4,894	551.9	139,703	348.1	

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. 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, 2020—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)	197	69.4%	4,200	81.0%	11,952	66.8%	35,734	76.6%	166	77.2%	37,308	79.9%	3,160	76.7%	92,718	76.6%
	Injection drug use (IDU)	25	8.8%	87	1.7%	1,196	6.7%	1,776	3.8%	6	2.8%	1,752	3.8%	149	3.6%	4,991	4.1%
	MMSC and IDU	36	12.7%	172	3.3%	1,237	6.9%	2,605	5.6%	11	5.1%	4,285	9.2%	412	10.0%	8,758	7.2%
	High-risk heterosexual contact	6	2.1%	174	3.4%	1,050	5.9%	1,486	3.2%	2	0.9%	811	1.7%	100	2.4%	3,631	3.0%
	Heterosexual contact (non-high-risk)	5	1.8%	261	5.0%	1,190	6.7%	2,431	5.2%	16	7.4%	999	2.1%	127	3.1%	5,029	4.2%
	Perinatal/Unknown risk/Other	15	5.3%	291	5.6%	1,265	7.1%	2,594	5.6%	14	6.5%	1,536	3.3%	172	4.2%	5,887	4.9%
Subtotal		284	83.0%	5,185	86.6%	17,890	75.7%	46,626	86.6%	215	81.7%	46,691	92.0%	4,120	84.2%	121,014	86.6%
Cisgender women (age ≥12 at year end)	Injection drug use	20	40.0%	24	3.5%	786	15.3%	674	11.1%	6	15.4%	1,032	27.5%	125	19.5%	2,667	16.3%
	High-risk heterosexual contact	17	34.0%	415	59.7%	2,374	46.4%	3,276	54.0%	22	56.4%	1,739	46.3%	278	43.4%	8,121	49.6%
	Heterosexual contact (non-high-risk)	11	22.0%	188	27.1%	1,437	28.1%	1,484	24.5%	10	25.6%	671	17.9%	172	26.9%	3,973	24.3%
	Perinatal/Unknown risk/Other	2	4.0%	68	9.8%	524	10.2%	629	10.4%	1	2.6%	315	8.4%	65	10.2%	1,605	9.8%
Subtotal		50	14.6%	695	11.6%	5,121	21.7%	6,063	11.3%	39	14.8%	3,757	7.4%	640	13.1%	16,366	11.7%
Trans women (age ≥12 at year end)	Sexual contact	7	87.5%	95	97.9%	581	97.5%	1,042	97.6%	8	100.0%	256	98.5%	119	96.7%	2,108	97.6%
	Injection drug use	0	0.0%	0	0.0%	4	0.7%	4	0.4%	0	0.0%	2	0.8%	1	0.8%	11	0.5%
	Perinatal/Unknown risk/Other	1	12.5%	2	2.1%	11	1.8%	22	2.1%	0	0.0%	2	0.8%	3	2.4%	41	1.9%
Subtotal		8	2.3%	97	1.6%	596	2.5%	1,068	2.0%	8	3.0%	260	0.5%	123	2.5%	2,160	1.5%
Trans men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	11	64.7%	26	78.8%	0	0.0%	20	83.3%	0	0.0%	57	73.1%
	Injection drug use	0	0.0%	1	50.0%	3	17.6%	4	12.1%	0	0.0%	3	12.5%	2	100.0%	13	16.7%
	Perinatal/Unknown risk/Other	0	0.0%	1	50.0%	3	17.6%	3	9.1%	0	0.0%	1	4.2%	0	0.0%	8	10.3%
Subtotal		0	0.0%	2	0.0%	17	0.1%	33	0.1%	0	0.0%	24	0.0%	2	0.0%	78	0.1%
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	1	100.0%	7	87.5%	0	0.0%	0	0.0%	0	0.0%	8	88.9%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	1	11.1%
Subtotal		0	0.0%	0	0.0%	1	0.0%	8	0.0%	0	0.0%	0	0.0%	0	0.0%	9	0.0%
Child (age <12 at year end)	Perinatal	0	0.0%	6	75.0%	13	72.2%	22	84.6%	1	100.0%	12	85.7%	9	100.0%	63	82.9%
	Unknown risk/Other	0	0.0%	2	25.0%	5	27.8%	4	15.4%	0	0.0%	2	14.3%	0	0.0%	13	17.1%
Subtotal		0	0.0%	8	0.1%	18	0.1%	26	0.0%	1	0.4%	14	0.0%	9	0.2%	76	0.1%
Total		342		5,987		23,643		53,824		263		50,746		4,894		139,703	

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, 2016–2020 — California

Characteristic	2016			2017			2018			2019			2020			
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	
Age at year end (in years)	0 to11	24	0.0%	0.4	21	0.0%	0.3	21	0.0%	0.3	17	0.0%	0.3	14	0.0%	0.2
	12 to 14	17	0.0%	1.1	15	0.0%	1.0	9	0.0%	0.6	10	0.0%	0.6	9	0.0%	0.6
	15 to 17	22	0.0%	1.4	13	0.0%	0.8	19	0.0%	1.2	16	0.0%	1.0	16	0.0%	1.0
	18 to 19	29	0.0%	2.3	33	0.0%	2.6	23	0.0%	1.8	18	0.0%	1.4	19	0.0%	1.5
	20 to 24	455	0.7%	14.7	387	0.6%	12.5	350	0.5%	11.4	309	0.5%	10.1	270	0.4%	8.9
	25 to 29	1,506	2.2%	57.5	1,432	2.1%	54.0	1,322	2.0%	48.6	1,250	1.9%	45.2	1,163	1.8%	41.3
	30 to 34	2,875	4.3%	103.7	2,771	4.1%	101.1	2,714	4.1%	100.5	2,646	4.0%	99.3	2,506	3.8%	94.9
	35 to 39	4,301	6.4%	163.0	4,212	6.3%	156.3	4,058	6.1%	147.8	3,884	5.9%	140.5	3,837	5.8%	139.5
	40 to 44	5,858	8.7%	236.1	5,484	8.1%	222.0	5,183	7.8%	209.4	5,045	7.6%	202.5	4,946	7.5%	195.5
	45 to 49	10,224	15.1%	394.3	9,339	13.9%	360.7	8,242	12.4%	321.4	7,385	11.2%	293.8	6,623	10.1%	270.1
	50 to 54	14,129	20.9%	547.0	13,361	19.8%	525.1	12,492	18.8%	498.1	11,539	17.5%	464.5	10,732	16.3%	430.1
	55 to 59	12,160	18.0%	482.4	12,713	18.9%	501.1	13,018	19.6%	510.9	13,451	20.4%	527.3	13,487	20.5%	534.7
	60 to 64	8,019	11.9%	366.3	8,743	13.0%	388.5	9,096	13.7%	395.5	9,550	14.5%	409.5	10,200	15.5%	429.9
65 to 74	6,619	9.8%	212.7	7,348	10.9%	227.1	8,072	12.2%	240.6	8,944	13.6%	257.1	9,881	15.0%	273.5	
≥ 75	1,297	1.9%	56.5	1,481	2.2%	62.6	1,663	2.5%	67.9	1,918	2.9%	75.4	2,197	3.3%	83.4	
Race/ethnicity	Latinx	25,775	38.2%	170.4	26,109	38.8%	170.7	26,248	39.6%	170.0	26,549	40.2%	171.0	26,884	40.8%	172.1
	American Indian/Alaska Native	151	0.2%	80.1	151	0.2%	77.3	144	0.2%	71.4	148	0.2%	72.6	149	0.2%	72.3
	Asian	2,378	3.5%	41.7	2,449	3.6%	41.8	2,472	3.7%	41.3	2,508	3.8%	41.2	2,559	3.9%	41.3
	Black/African American	11,162	16.5%	475.9	11,099	16.5%	469.6	10,885	16.4%	458.7	10,800	16.4%	453.3	10,747	16.3%	449.0
	Native Hawaiian/Other Pacific Islander	106	0.2%	77.6	106	0.2%	77.3	106	0.2%	77.2	109	0.2%	79.8	109	0.2%	80.3
	White	25,706	38.1%	172.0	25,215	37.4%	169.5	24,234	36.6%	163.8	23,704	35.9%	160.8	23,305	35.4%	158.6
	Multiple races	2,253	3.3%	259.1	2,220	3.3%	253.2	2,189	3.3%	247.1	2,160	3.3%	244.2	2,143	3.3%	241.7
	Unknown race	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-
Gender	Cisgender men	58,694	86.9%	300.1	58,480	86.8%	296.9	57,459	86.7%	290.2	57,135	86.6%	287.6	56,997	86.5%	285.8
	Cisgender women	7,902	11.7%	40.0	7,922	11.8%	39.8	7,878	11.9%	39.6	7,883	11.9%	39.2	7,924	12.0%	39.3
	Trans women	920	1.4%	-	931	1.4%	-	926	1.4%	-	944	1.4%	-	958	1.5%	-
	Trans men	18	0.0%	-	19	0.0%	-	19	0.0%	-	20	0.0%	-	20	0.0%	-
	Alternative gender identity	1	0.0%	-	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-
Total	67,535		171.8	67,353		170.1	66,282		166.5	65,982		165.1	65,900		164.2	

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.

Table S3b. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and transmission category, 2016–2020 — California

Demographic group	Transmission category	2016	%	2017	%	2018	%	2019	%	2020	%
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	43,211	73.6%	43,049	73.6%	42,323	73.7%	42,008	73.5%	41,848	73.4%
	Injection drug use (IDU)	3,404	5.8%	3,348	5.7%	3,240	5.6%	3,168	5.5%	3,139	5.5%
	MMSC and IDU	5,513	9.4%	5,386	9.2%	5,169	9.0%	5,067	8.9%	4,942	8.7%
	High-risk heterosexual contact	2,269	3.9%	2,253	3.9%	2,236	3.9%	2,222	3.9%	2,206	3.9%
	Heterosexual contact (non-high-risk)	2,215	3.8%	2,299	3.9%	2,328	4.1%	2,421	4.2%	2,521	4.4%
	Perinatal/Unknown risk/Other	2,069	3.5%	2,132	3.6%	2,150	3.7%	2,238	3.9%	2,330	4.1%
	Subtotal		58,681	86.9%	58,467	86.8%	57,446	86.7%	57,124	86.6%	56,986
Cisgender women (age ≥12 at year end)	Injection drug use	1,700	21.5%	1,668	21.1%	1,611	20.5%	1,572	20.0%	1,553	19.6%
	High-risk heterosexual contact	4,305	54.6%	4,311	54.5%	4,278	54.4%	4,256	54.0%	4,252	53.7%
	Heterosexual contact (non-high-risk)	1,266	16.0%	1,310	16.6%	1,346	17.1%	1,401	17.8%	1,452	18.3%
	Perinatal/Unknown risk/Other	620	7.9%	625	7.9%	635	8.1%	648	8.2%	664	8.4%
Subtotal		7,891	11.7%	7,914	11.8%	7,870	11.9%	7,877	11.9%	7,921	12.0%
Trans women (age ≥12 at year end)	Sexual contact	910	98.9%	919	98.7%	913	98.6%	932	98.7%	947	98.9%
	Injection drug use	8	0.9%	8	0.9%	9	1.0%	8	0.8%	7	0.7%
	Perinatal/Unknown risk/Other	2	0.2%	4	0.4%	4	0.4%	4	0.4%	4	0.4%
Subtotal		920	1.4%	931	1.4%	926	1.4%	944	1.4%	958	1.5%
Trans men (age ≥12 at year end)	Sexual contact	12	66.7%	13	68.4%	14	73.7%	15	75.0%	15	75.0%
	Injection drug use	5	27.8%	5	26.3%	4	21.1%	4	20.0%	4	20.0%
	Perinatal/Unknown risk/Other	1	5.6%	1	5.3%	1	5.3%	1	5.0%	1	5.0%
Subtotal		18	0.0%	19	0.0%	19	0.0%	20	0.0%	20	0.0%
Alternative gender (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
	Injection drug use	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%
Subtotal		1	0.0%	1	0.0%	0	0.0%	0	0.0%	1	0.0%
Child (age <12 at year end)	Perinatal	21	87.5%	18	85.7%	16	76.2%	12	70.6%	10	71.4%
	Unknown risk/Other	3	12.5%	3	14.3%	5	23.8%	5	29.4%	4	28.6%
Subtotal		24	0.0%	21	0.0%	21	0.0%	17	0.0%	14	0.0%
Total		67,535		67,353		66,282		65,982		65,900	

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 — 2020

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2016–2020 — California

County of current residence	2016			2017			2018			2019			2020		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,465	5.1%	211.6	3,430	5.1%	207.7	3,320	5.0%	199.7	3,250	4.9%	194.1	3,163	4.8%	187.6
Alpine	2	0.0%	173.8	2	0.0%	174.5	2	0.0%	176.4	2	0.0%	177.3	2	0.0%	179.1
Amador	93	0.1%	252.4	108	0.2%	288.8	104	0.2%	272.6	89	0.1%	232.8	87	0.1%	225.8
Butte	145	0.2%	64.5	150	0.2%	66.2	152	0.2%	66.9	143	0.2%	65.9	140	0.2%	64.3
Calaveras	28	0.0%	62.6	26	0.0%	58.2	28	0.0%	62.8	29	0.0%	65.3	27	0.0%	61.0
Colusa	2	0.0%	9.1	4	0.0%	18.0	6	0.0%	27.0	5	0.0%	22.2	6	0.0%	26.6
Contra Costa	1,422	2.1%	125.8	1,384	2.1%	121.6	1,389	2.1%	121.1	1,359	2.1%	117.9	1,380	2.1%	119.0
Del Norte	13	0.0%	48.2	12	0.0%	44.8	13	0.0%	47.4	16	0.0%	58.1	17	0.0%	61.7
El Dorado	96	0.1%	52.1	102	0.2%	54.7	109	0.2%	57.6	111	0.2%	58.1	110	0.2%	57.0
Fresno	986	1.5%	99.7	1,015	1.5%	101.6	1,018	1.5%	100.7	1,033	1.6%	101.1	1,059	1.6%	102.6
Glenn	11	0.0%	38.7	12	0.0%	41.9	12	0.0%	41.7	12	0.0%	41.1	13	0.0%	44.3
Humboldt	105	0.2%	77.3	99	0.1%	72.9	97	0.1%	71.4	100	0.2%	74.1	89	0.1%	66.4
Imperial	164	0.2%	88.0	173	0.3%	92.1	175	0.3%	92.6	179	0.3%	94.2	183	0.3%	95.5
Inyo	14	0.0%	75.2	12	0.0%	64.6	10	0.0%	54.0	10	0.0%	54.2	12	0.0%	65.0
Kern	820	1.2%	92.4	844	1.3%	94.0	863	1.3%	95.1	865	1.3%	94.3	929	1.4%	100.2
Kings	91	0.1%	61.0	89	0.1%	59.0	93	0.1%	60.7	97	0.1%	62.8	96	0.1%	61.4
Lake	91	0.1%	141.2	94	0.1%	144.9	96	0.1%	147.6	90	0.1%	138.7	87	0.1%	134.1
Lassen	10	0.0%	32.8	9	0.0%	29.5	7	0.0%	22.9	9	0.0%	30.1	8	0.0%	26.6
Los Angeles	25,404	37.6%	248.8	25,169	37.4%	245.4	24,765	37.4%	241.1	24,694	37.4%	240.7	24,629	37.4%	240.1
Madera	101	0.1%	65.1	102	0.2%	65.1	101	0.2%	63.7	103	0.2%	64.8	110	0.2%	68.7
Marin	461	0.7%	175.6	442	0.7%	168.7	441	0.7%	168.1	448	0.7%	171.2	424	0.6%	162.6
Mariposa	12	0.0%	66.4	12	0.0%	66.7	13	0.0%	72.6	13	0.0%	72.8	10	0.0%	56.2
Mendocino	109	0.2%	122.9	105	0.2%	118.0	96	0.1%	108.0	92	0.1%	103.8	94	0.1%	106.3
Merced	136	0.2%	50.0	149	0.2%	53.9	142	0.2%	50.8	143	0.2%	50.5	158	0.2%	55.0
Modoc	0	0.0%	0.0	0	0.0%	0.0	1	0.0%	10.5	2	0.0%	21.1	2	0.0%	21.1
Mono	4	0.0%	28.9	5	0.0%	36.0	5	0.0%	36.2	4	0.0%	28.8	5	0.0%	35.8
Monterey	414	0.6%	94.1	415	0.6%	93.9	398	0.6%	89.6	403	0.6%	90.2	402	0.6%	89.6
Napa	149	0.2%	105.3	153	0.2%	108.5	149	0.2%	106.0	147	0.2%	105.0	150	0.2%	107.4
Nevada	74	0.1%	75.3	76	0.1%	77.2	74	0.1%	75.0	73	0.1%	74.0	69	0.1%	69.9
Orange	3,514	5.2%	110.5	3,480	5.2%	108.6	3,380	5.1%	105.1	3,355	5.1%	104.2	3,384	5.1%	104.8
Placer	180	0.3%	47.8	186	0.3%	48.6	191	0.3%	49.1	196	0.3%	49.7	206	0.3%	51.4
Plumas	7	0.0%	37.3	9	0.0%	48.0	8	0.0%	42.8	8	0.0%	42.4	9	0.0%	47.4
Riverside	4,089	6.1%	173.2	4,436	6.6%	185.4	4,490	6.8%	185.5	4,562	6.9%	186.7	4,658	7.1%	188.7
Sacramento	2,083	3.1%	138.4	2,077	3.1%	136.6	2,078	3.1%	135.2	2,081	3.2%	134.0	2,100	3.2%	133.9
San Benito	25	0.0%	41.9	33	0.0%	54.7	30	0.0%	48.8	33	0.1%	52.6	36	0.1%	56.2
San Bernardino	2,101	3.1%	98.0	2,150	3.2%	99.4	2,237	3.4%	102.7	2,289	3.5%	104.2	2,289	3.5%	103.2
San Diego	6,712	9.9%	203.7	6,709	10.0%	202.2	6,541	9.9%	195.6	6,468	9.8%	192.6	6,457	9.8%	191.6
San Francisco	6,879	10.2%	788.6	6,630	9.8%	753.1	6,375	9.6%	719.0	6,202	9.4%	697.4	6,033	9.2%	676.1
San Joaquin	701	1.0%	94.9	680	1.0%	90.7	680	1.0%	89.4	682	1.0%	88.4	703	1.1%	89.8
San Luis Obispo	223	0.3%	80.2	230	0.3%	82.6	182	0.3%	65.2	191	0.3%	68.5	188	0.3%	67.4
San Mateo	819	1.2%	106.6	815	1.2%	105.6	791	1.2%	102.1	782	1.2%	100.7	748	1.1%	96.1
Santa Barbara	334	0.5%	74.7	279	0.4%	62.0	282	0.4%	62.3	283	0.4%	62.3	282	0.4%	61.8
Santa Clara	1,932	2.9%	99.9	1,912	2.8%	98.3	1,849	2.8%	94.5	1,848	2.8%	94.2	1,835	2.8%	93.3
Santa Cruz	265	0.4%	96.1	267	0.4%	96.8	268	0.4%	97.4	268	0.4%	97.6	265	0.4%	96.7
Shasta	104	0.2%	58.6	110	0.2%	61.7	107	0.2%	60.0	107	0.2%	60.1	106	0.2%	59.6
Sierra	2	0.0%	63.6	2	0.0%	63.5	2	0.0%	63.8	2	0.0%	64.1	2	0.0%	64.2
Siskiyou	39	0.1%	87.8	38	0.1%	85.9	41	0.1%	92.9	40	0.1%	90.8	38	0.1%	86.5
Solano	742	1.1%	171.2	728	1.1%	166.5	710	1.1%	161.4	714	1.1%	161.5	717	1.1%	161.4
Sonoma	895	1.3%	177.9	875	1.3%	173.9	845	1.3%	168.8	830	1.3%	166.5	830	1.3%	167.1
Stanislaus	439	0.7%	80.8	451	0.7%	82.0	454	0.7%	81.9	460	0.7%	82.4	460	0.7%	81.8
Sutter	44	0.1%	45.0	50	0.1%	50.3	53	0.1%	52.3	55	0.1%	53.1	52	0.1%	49.2
Tehama	25	0.0%	39.1	27	0.0%	42.1	21	0.0%	32.5	24	0.0%	36.7	24	0.0%	36.4
Trinity	10	0.0%	74.1	10	0.0%	74.3	7	0.0%	52.3	8	0.0%	59.8	7	0.0%	52.4
Tulare	208	0.3%	44.5	215	0.3%	45.5	226	0.3%	47.5	225	0.3%	46.9	231	0.4%	47.7
Tuolumne	24	0.0%	45.0	24	0.0%	45.4	30	0.0%	56.8	29	0.0%	55.2	33	0.1%	63.0
Ventura	531	0.8%	62.3	545	0.8%	63.8	530	0.8%	61.9	524	0.8%	61.4	542	0.8%	63.6
Yolo	138	0.2%	63.6	143	0.2%	65.1	148	0.2%	66.7	152	0.2%	68.2	157	0.2%	70.2
Yuba	48	0.1%	63.7	49	0.1%	63.9	47	0.1%	60.7	43	0.1%	54.9	47	0.1%	59.3
Total	67,535		171.8	67,353		170.1	66,282		166.5	65,982		165.1	65,900		164.2
Berkeley city	261	0.4%	214.8	252	0.4%	206.6	233	0.4%	191.5	222	0.3%	182.9	232	0.4%	186.6
Long Beach city	2,564	3.8%	546.1	2,478	3.7%	530.2	2,300	3.5%	492.1	2,305	3.5%	498.2	2,280	3.5%	488.5
Pasadena city	310	0.5%	221.0	300	0.4%	212.4	304	0.5%	215.2	296	0.4%	209.9	304	0.5%	219.2

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, 2020—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	0.1	4	1.2	6	0.2	0	0.0	1	0.1	2	0.8	14	0.2
	12 to 14	0	0.0	1	0.5	2	2.4	2	0.2	0	0.0	2	0.5	2	3.2	9	0.6
	15 to 17	0	0.0	1	0.5	4	4.9	7	0.9	1	17.8	1	0.2	2	3.5	16	1.0
	18 to 19	0	0.0	2	1.2	4	5.3	9	1.5	0	0.0	2	0.6	2	5.2	19	1.5
	20 to 24	0	0.0	13	3.0	69	36.2	150	10.8	0	0.0	30	3.3	8	8.7	270	8.9
	25 to 29	1	5.0	55	13.5	256	130.3	651	51.4	5	48.4	149	17.7	45	63.6	1,163	41.3
	30 to 34	3	17.2	128	30.7	553	317.3	1,328	116.5	10	106.4	377	45.5	107	199.9	2,506	94.9
	35 to 39	11	71.9	193	41.6	652	406.9	2,142	185.0	11	116.3	662	74.0	166	339.1	3,837	139.5
	40 to 44	12	86.9	261	59.0	698	460.5	2,885	271.7	10	105.4	888	109.7	192	472.3	4,946	195.5
	45 to 49	13	107.1	356	79.9	966	661.0	3,563	359.1	13	144.8	1,477	181.8	235	681.2	6,623	270.1
	50 to 54	31	252.5	457	109.7	1,634	1,021.7	4,932	530.8	17	196.6	3,320	354.3	340	1,065.4	10,732	430.1
	55 to 59	38	278.1	409	101.3	2,157	1,298.8	4,944	617.9	20	210.0	5,512	501.9	407	1,302.6	13,487	534.7
	60 to 64	19	138.7	297	77.5	1,781	1,185.1	3,128	481.8	9	105.5	4,666	409.1	300	1,104.7	10,200	429.9
	65 to 74	18	96.1	316	51.5	1,651	815.7	2,550	315.7	11	99.2	5,045	262.5	288	790.0	9,881	273.5
	≥ 75	3	28.2	69	15.6	316	241.8	587	113.0	2	30.2	1,173	78.0	47	199.2	2,197	83.4
Gender	Cisgender men	120	119.7	2,175	74.2	8,013	664.0	23,307	295.7	89	131.8	21,486	293.8	1,804	411.1	56,997	285.8
	Cisgender women	29	27.4	338	10.4	2,476	208.6	3,065	39.6	15	22.0	1,714	23.2	286	63.9	7,924	39.3
	Trans women	0	-	46	-	252	-	500	-	5	-	102	-	53	-	958	-
	Trans men	0	-	0	-	6	-	11	-	0	-	3	-	0	-	20	-
	Alternative gender identity	0	-	0	-	0	-	1	-	0	-	0	-	0	-	1	-
Total	149	72.3	2,559	41.3	10,747	449.0	26,884	172.1	109	80.3	23,305	158.6	2,143	241.7	65,900	164.2	

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. 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, 2020—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)	74	61.7%	1,693	77.9%	4,894	61.1%	17,022	73.0%	66	74.2%	16,787	78.1%	1,311	72.8%	41,848
	Injection drug use (IDU)	18	15.0%	45	2.1%	778	9.7%	1,166	5.0%	3	3.4%	1,035	4.8%	94	5.2%	3,139
	MMSC and IDU	18	15.0%	91	4.2%	745	9.3%	1,536	6.6%	6	6.7%	2,331	10.8%	215	11.9%	4,942
	High-risk heterosexual contact	3	2.5%	100	4.6%	613	7.7%	1,025	4.4%	0	0.0%	409	1.9%	54	3.0%	2,206
	Heterosexual contact (non-high-risk)	3	2.5%	130	6.0%	519	6.5%	1,372	5.9%	8	9.0%	428	2.0%	61	3.4%	2,521
	Perinatal/Unknown risk/Other	4	3.3%	115	5.3%	461	5.8%	1,181	5.1%	6	6.7%	496	2.3%	67	3.7%	2,330
	Subtotal		120	80.5%	2,174	85.0%	8,010	74.5%	23,302	86.7%	89	81.7%	21,486	92.2%	1,802	84.1%
Cisgender women (age ≥12 at year end)	Injection drug use	12	41.4%	18	5.3%	503	20.3%	390	12.7%	2	13.3%	563	32.9%	65	22.7%	1,553
	High-risk heterosexual contact	10	34.5%	223	66.0%	1,253	50.6%	1,778	58.0%	8	53.3%	848	49.5%	132	46.2%	4,252
	Heterosexual contact (non-high-risk)	5	17.2%	70	20.7%	504	20.4%	604	19.7%	5	33.3%	201	11.7%	63	22.0%	1,452
	Perinatal/Unknown risk/Other	2	6.9%	27	8.0%	215	8.7%	292	9.5%	0	0.0%	101	5.9%	26	9.1%	664
Subtotal		29	19.5%	338	13.2%	2,475	23.0%	3,064	11.4%	15	13.8%	1,713	7.4%	286	13.3%	7,921
Trans women (age ≥12 at year end)	Sexual contact	0	0.0%	46	100.0%	248	98.4%	495	99.0%	5	100.0%	101	99.0%	52	98.1%	947
	Injection drug use (IDU)	0	0.0%	0	0.0%	2	0.8%	3	0.6%	0	0.0%	1	1.0%	1	1.9%	7
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	2	0.8%	2	0.4%	0	0.0%	0	0.0%	0	0.0%	4
Subtotal		0	0.0%	46	1.8%	252	2.3%	500	1.9%	5	4.6%	102	0.4%	53	2.5%	958
Trans men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	5	83.3%	9	81.8%	0	0.0%	1	33.3%	0	0.0%	15
	Injection drug use	0	0.0%	0	0.0%	1	16.7%	1	9.1%	0	0.0%	2	66.7%	0	0.0%	4
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	1	9.1%	0	0.0%	0	0.0%	0	0.0%	1
Subtotal		0	0.0%	0	0.0%	6	0.1%	11	0.0%	0	0.0%	3	0.0%	0	0.0%	20
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%	1
Child (age <12 at year end)	Perinatal	0	0.0%	1	100.0%	2	50.0%	4	66.7%	0	0.0%	1	100.0%	2	100.0%	10
	Unknown risk/Other	0	0.0%	0	0.0%	2	50.0%	2	33.3%	0	0.0%	0	0.0%	0	0.0%	4
Subtotal		0	0.0%	1	0.0%	4	0.0%	6	0.0%	0	0.0%	1	0.0%	2	0.1%	14
Total		149		2,559		10,747		26,884		109		23,305		2,143		65,900

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, 2021, 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, 2021. 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, QuickFacts, Annual Estimates of the Resident Population: July 2020. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.