



# Supplemental Tables to the California HIV Surveillance Report — 2019

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Table S1a. Persons newly diagnosed with HIV infection by race/ethnicity, and selected demographic characteristics, 2019—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	
<b>Age at diagnosis (in years)</b>	0 to 11	0	0.0	1	0.1	2	0.6	1	0.0	0	0.0	0	0.0	0	0.0	4	0.1
	12 to 14	0	0.0	0	0.0	2	2.4	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1
	15 to 17	0	0.0	3	1.6	6	7.1	16	2.1	0	0.0	3	0.7	1	1.8	29	1.9
	18 to 19	0	0.0	3	1.8	23	29.9	68	11.5	0	0.0	12	3.3	0	0.0	106	8.5
	20 to 24	4	29.2	26	6.1	148	76.3	359	25.9	3	28.6	91	9.7	14	14.8	645	21.1
	25 to 29	2	10.1	42	10.5	148	76.2	453	36.5	5	47.6	201	24.0	22	32.3	873	31.5
	30 to 34	4	23.4	48	11.5	131	76.7	390	34.1	2	21.1	156	18.3	19	35.8	750	28.2
	35 to 39	5	33.3	42	9.1	83	51.2	284	24.4	1	10.5	154	17.0	10	20.5	579	20.9
	40 to 44	1	7.3	14	3.2	62	41.7	207	19.7	0	0.0	91	11.4	5	12.7	380	15.3
	45 to 49	1	8.0	24	5.4	41	27.1	154	15.5	0	0.0	109	12.6	2	5.7	331	13.2
	50 to 54	2	16.2	16	3.9	38	23.5	130	14.3	1	11.3	90	9.4	5	15.8	282	11.4
	55 to 59	0	0.0	6	1.5	38	22.6	59	7.6	0	0.0	104	9.1	9	28.4	216	8.5
	60 to 64	0	0.0	7	1.9	24	16.5	36	5.8	0	0.0	50	4.4	0	0.0	117	5.0
	65 to 74	0	0.0	6	1.0	14	7.3	21	2.8	0	0.0	25	1.3	3	8.5	69	2.0
	≥ 75	0	0.0	3	0.7	4	3.2	5	1.0	0	0.0	1	0.1	0	0.0	13	0.5
<b>Gender</b>	Cisgender men	15	15.1	212	7.4	584	48.6	1,931	24.6	11	16.2	930	12.7	70	16.0	3,753	18.9
	Cisgender women	2	1.9	22	0.7	156	13.2	185	2.4	1	1.5	138	1.9	18	4.0	522	2.6
	Trans women	2	-	6	-	23	-	61	-	0	-	17	-	2	-	111	-
	Trans men	0	-	1	-	1	-	5	-	0	-	2	-	0	-	9	-
	Alternative gender identity	0	-	0	-	0	-	1	-	0	-	0	-	0	-	1	-
<b>Total</b>	<b>19</b>	<b>9.3</b>	<b>241</b>	<b>4.0</b>	<b>764</b>	<b>32.1</b>	<b>2,183</b>	<b>14.1</b>	<b>12</b>	<b>8.8</b>	<b>1,087</b>	<b>7.4</b>	<b>90</b>	<b>10.2</b>	<b>4,396</b>	<b>11.0</b>	

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, 2019—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	%
<b>Cisgender men</b> (age ≥12 at diagnosis)	Male-to-male sexual contact (MMSC)	12	80.0%	158	74.9%	386	66.2%	1,437	74.5%	10	90.9%	602	64.7%	50	71.4%	2,655	70.8%
	Injection drug use (IDU)	0	0.0%	4	1.9%	16	2.7%	58	3.0%	0	0.0%	59	6.3%	1	1.4%	138	3.7%
	MMSC and IDU	3	20.0%	2	0.9%	26	4.5%	62	3.2%	0	0.0%	67	7.2%	6	8.6%	166	4.4%
	High-risk heterosexual contact	0	0.0%	1	0.5%	19	3.3%	29	1.5%	0	0.0%	23	2.5%	1	1.4%	73	1.9%
	Heterosexual contact (non-high-risk)	0	0.0%	20	9.5%	80	13.7%	155	8.0%	1	9.1%	79	8.5%	4	5.7%	339	9.0%
	Perinatal/Unknown risk/Other	0	0.0%	26	12.3%	56	9.6%	189	9.8%	0	0.0%	100	10.8%	8	11.4%	379	10.1%
	<b>Subtotal</b>		<b>15</b>	<b>78.9%</b>	<b>211</b>	<b>87.6%</b>	<b>583</b>	<b>76.3%</b>	<b>1,930</b>	<b>88.4%</b>	<b>11</b>	<b>91.7%</b>	<b>930</b>	<b>85.6%</b>	<b>70</b>	<b>77.8%</b>	<b>3,750</b>
<b>Cisgender women</b> (age ≥12 at diagnosis)	Injection drug use	1	50.0%	0	0.0%	11	7.1%	24	13.0%	0	0.0%	31	22.5%	3	16.7%	70	13.4%
	High-risk heterosexual contact	0	0.0%	7	31.8%	36	23.2%	65	35.1%	1	100.0%	32	23.2%	5	27.8%	146	28.0%
	Heterosexual contact (non-high-risk)	1	50.0%	13	59.1%	91	58.7%	79	42.7%	0	0.0%	52	37.7%	9	50.0%	245	47.0%
	Perinatal/Unknown risk/Other	0	0.0%	2	9.1%	17	11.0%	17	9.2%	0	0.0%	23	16.7%	1	5.6%	60	11.5%
	<b>Subtotal</b>		<b>2</b>	<b>10.5%</b>	<b>22</b>	<b>9.1%</b>	<b>155</b>	<b>20.3%</b>	<b>185</b>	<b>8.5%</b>	<b>1</b>	<b>8.3%</b>	<b>138</b>	<b>12.7%</b>	<b>18</b>	<b>20.0%</b>	<b>521</b>
<b>Trans women</b> (age ≥12 at diagnosis)	Sexual contact	2	100.0%	5	83.3%	22	95.7%	59	96.7%	0	0.0%	15	88.2%	2	100.0%	105	94.6%
	Injection drug use (IDU)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	5.9%	0	0.0%	1	0.9%
	Perinatal/Unknown risk/Other	0	0.0%	1	16.7%	1	4.3%	2	3.3%	0	0.0%	1	5.9%	0	0.0%	5	4.5%
	<b>Subtotal</b>	<b>2</b>	<b>10.5%</b>	<b>6</b>	<b>2.5%</b>	<b>23</b>	<b>3.0%</b>	<b>61</b>	<b>2.8%</b>	<b>0</b>	<b>0.0%</b>	<b>17</b>	<b>1.6%</b>	<b>2</b>	<b>2.2%</b>	<b>111</b>	<b>2.5%</b>
<b>Trans men</b> (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	5	100.0%	0	0.0%	2	100.0%	0	0.0%	7	77.8%
	Injection drug use	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	11.1%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	11.1%
	<b>Subtotal</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.4%</b>	<b>1</b>	<b>0.1%</b>	<b>5</b>	<b>0.2%</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>0.2%</b>	<b>0</b>	<b>0.0%</b>	<b>9</b>	<b>0.2%</b>
<b>Alternative gender</b> (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	1	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%
	<b>Subtotal</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>
<b>Child</b> (age <12 at diagnosis)	Perinatal	0	0.0%	1	100.0%	2	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4	100.0%
	<b>Subtotal</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.4%</b>	<b>2</b>	<b>0.3%</b>	<b>1</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>4</b>	<b>0.1%</b>
<b>Total</b>		<b>19</b>		<b>241</b>		<b>764</b>		<b>2,183</b>		<b>12</b>		<b>1,087</b>		<b>90</b>		<b>4,396</b>	

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, 2019—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	7	0.9	23	7.1	26	0.9	0	0.0	18	1.0	11	4.6	85	1.4
	12 to 14	0	0.0	8	4.3	21	25.6	11	1.4	0	0.0	9	2.2	7	11.1	56	3.6
	15 to 17	0	0.0	7	3.7	33	39.1	51	6.6	1	17.4	15	3.5	5	8.9	112	7.3
	18 to 19	0	0.0	16	9.4	55	71.5	110	18.6	1	23.3	23	6.4	6	15.6	211	16.9
	20 to 24	13	94.8	115	26.9	662	341.4	1,356	97.9	5	47.7	443	47.4	100	105.8	2,694	88.1
	25 to 29	13	65.5	405	101.7	1,776	914.6	3,742	301.8	29	276.3	1,490	178.0	325	477.5	7,781	281.2
	30 to 34	30	175.2	630	151.1	2,546	1,489.9	5,290	462.5	36	380.4	2,550	299.1	466	878.4	11,548	433.5
	35 to 39	34	226.6	691	149.1	2,155	1,328.9	5,995	516.0	39	408.6	3,100	342.9	486	998.1	12,500	452.1
	40 to 44	34	247.3	753	172.7	1,947	1,308.5	6,289	600.0	23	242.8	3,320	417.1	489	1,238.9	12,855	515.9
	45 to 49	40	320.4	858	192.5	2,298	1,516.7	6,845	688.7	39	427.0	4,902	565.9	543	1,547.8	15,525	617.5
	50 to 54	61	493.4	811	199.9	3,112	1,922.6	8,048	883.9	30	338.6	7,950	834.1	669	2,109.7	20,682	832.6
	55 to 59	65	460.1	578	143.5	3,581	2,127.6	6,649	851.1	28	288.7	10,665	932.9	668	2,107.6	22,234	871.6
	60 to 64	33	248.7	417	110.7	2,615	1,795.5	3,884	626.3	18	213.4	7,698	674.1	447	1,697.9	15,112	648.0
	65 to 74	25	141.0	412	70.5	2,254	1,172.3	3,021	396.9	10	95.9	7,529	400.9	373	1,062.0	13,626	391.7
	≥ 75	5	49.2	88	20.8	378	302.4	664	133.1	2	31.8	1,568	107.7	59	261.3	2,764	108.7
Gender	Cisgender men	289	291.8	5,016	174.0	17,737	1,476.6	45,036	574.8	217	318.9	47,282	643.8	3,948	901.5	119,528	601.6
	Cisgender women	54	51.5	682	21.3	5,124	433.8	5,917	77.0	36	52.6	3,724	50.3	599	134.2	16,137	80.3
	Trans women	10	-	96	-	577	-	993	-	8	-	252	-	105	-	2,041	-
	Trans men	0	-	2	-	18	-	29	-	0	-	22	-	2	-	73	-
	Alternative gender identity	0	-	0	-	0	-	6	-	0	-	0	-	0	-	6	-
<b>Total</b>	<b>353</b>	<b>173.2</b>	<b>5,796</b>	<b>95.2</b>	<b>23,456</b>	<b>984.5</b>	<b>51,981</b>	<b>334.9</b>	<b>261</b>	<b>191.2</b>	<b>51,280</b>	<b>347.8</b>	<b>4,654</b>	<b>526.2</b>	<b>137,785</b>	<b>344.8</b>	

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, 2019—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	%
<b>Cisgender men</b> (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	200	69.2%	4,069	81.2%	11,790	66.5%	34,596	76.8%	173	79.7%	37,867	80.1%	3,033	76.9%	91,729	76.8%
	Injection drug use (IDU)	27	9.3%	86	1.7%	1,243	7.0%	1,737	3.9%	6	2.8%	1,765	3.7%	140	3.6%	5,004	4.2%
	MMSC and IDU	39	13.5%	166	3.3%	1,260	7.1%	2,552	5.7%	10	4.6%	4,403	9.3%	408	10.4%	8,838	7.4%
	High-risk heterosexual contact	5	1.7%	174	3.5%	1,068	6.0%	1,473	3.3%	2	0.9%	831	1.8%	97	2.5%	3,652	3.1%
	Heterosexual contact (non-high-risk)	6	2.1%	252	5.0%	1,165	6.6%	2,273	5.0%	15	6.9%	959	2.0%	103	2.6%	4,773	4.0%
	Perinatal/Unknown risk/Other	12	4.2%	265	5.3%	1,201	6.8%	2,389	5.3%	11	5.1%	1,451	3.1%	161	4.1%	5,490	4.6%
<b>Subtotal</b>		<b>289</b>	<b>81.9%</b>	<b>5,012</b>	<b>86.5%</b>	<b>17,727</b>	<b>75.6%</b>	<b>45,020</b>	<b>86.6%</b>	<b>217</b>	<b>83.1%</b>	<b>47,276</b>	<b>92.2%</b>	<b>3,942</b>	<b>84.7%</b>	<b>119,486</b>	<b>86.7%</b>
<b>Cisgender women</b> (age ≥12 at year end)	Injection drug use	24	44.4%	25	3.7%	809	15.8%	660	11.2%	6	16.7%	1,042	28.1%	119	20.0%	2,685	16.7%
	High-risk heterosexual contact	19	35.2%	410	60.4%	2,404	47.0%	3,227	54.6%	19	52.8%	1,757	47.3%	258	43.4%	8,094	50.3%
	Heterosexual contact (non-high-risk)	9	16.7%	178	26.2%	1,383	27.1%	1,414	23.9%	10	27.8%	627	16.9%	158	26.6%	3,779	23.5%
	Perinatal/Unknown risk/Other	2	3.7%	66	9.7%	515	10.1%	606	10.3%	1	2.8%	286	7.7%	59	9.9%	1,536	9.5%
<b>Subtotal</b>		<b>54</b>	<b>15.3%</b>	<b>679</b>	<b>11.7%</b>	<b>5,111</b>	<b>21.8%</b>	<b>5,907</b>	<b>11.4%</b>	<b>36</b>	<b>13.8%</b>	<b>3,712</b>	<b>7.2%</b>	<b>594</b>	<b>12.8%</b>	<b>16,094</b>	<b>11.7%</b>
<b>Trans women</b> (age ≥12 at year end)	Sexual contact	9	90.0%	93	96.9%	561	97.2%	973	98.0%	8	100.0%	247	98.0%	101	96.2%	1,992	97.6%
	Injection drug use (IDU)	0	0.0%	0	0.0%	4	0.7%	4	0.4%	0	0.0%	2	0.8%	1	1.0%	11	0.5%
	Perinatal/Unknown risk/Other	1	10.0%	3	3.1%	12	2.1%	16	1.6%	0	0.0%	3	1.2%	3	2.9%	38	1.9%
<b>Subtotal</b>		<b>10</b>	<b>2.8%</b>	<b>96</b>	<b>1.7%</b>	<b>577</b>	<b>2.5%</b>	<b>993</b>	<b>1.9%</b>	<b>8</b>	<b>3.1%</b>	<b>252</b>	<b>0.5%</b>	<b>105</b>	<b>2.3%</b>	<b>2,041</b>	<b>1.5%</b>
<b>Trans men</b> (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	10	55.6%	24	82.8%	0	0.0%	18	81.8%	0	0.0%	52	71.2%
	Injection drug use	0	0.0%	1	50.0%	4	22.2%	2	6.9%	0	0.0%	3	13.6%	2	100.0%	12	16.4%
	Perinatal/Unknown risk/Other	0	0.0%	1	50.0%	4	22.2%	3	10.3%	0	0.0%	1	4.5%	0	0.0%	9	12.3%
<b>Subtotal</b>		<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>0.0%</b>	<b>18</b>	<b>0.1%</b>	<b>29</b>	<b>0.1%</b>	<b>0</b>	<b>0.0%</b>	<b>22</b>	<b>0.0%</b>	<b>2</b>	<b>0.0%</b>	<b>73</b>	<b>0.1%</b>
<b>Alternative gender</b> (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	6	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%
<b>Subtotal</b>		<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>6</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>6</b>	<b>0.0%</b>
<b>Child</b> (age <12 at year end)	Perinatal	0	0.0%	4	57.1%	17	73.9%	23	88.5%	0	0.0%	15	83.3%	11	100.0%	70	82.4%
	Unknown risk/Other	0	0.0%	3	42.9%	6	26.1%	3	11.5%	0	0.0%	3	16.7%	0	0.0%	15	17.6%
<b>Subtotal</b>		<b>0</b>	<b>0.0%</b>	<b>7</b>	<b>0.1%</b>	<b>23</b>	<b>0.1%</b>	<b>26</b>	<b>0.1%</b>	<b>0</b>	<b>0.0%</b>	<b>18</b>	<b>0.0%</b>	<b>11</b>	<b>0.2%</b>	<b>85</b>	<b>0.1%</b>
<b>Total</b>		<b>353</b>		<b>5,796</b>		<b>23,456</b>		<b>51,981</b>		<b>261</b>		<b>51,280</b>		<b>4,654</b>		<b>137,785</b>	

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, 2015–2019 — California

Characteristic	2015			2016			2017			2018			2019			
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	
Age at year end (in years)	0 to 11	25	0.0%	0.4	24	0.0%	0.4	21	0.0%	0.3	21	0.0%	0.3	17	0.0%	0.3
	12 to 14	18	0.0%	1.2	17	0.0%	1.1	15	0.0%	1.0	9	0.0%	0.6	10	0.0%	0.6
	15 to 17	26	0.0%	1.7	22	0.0%	1.4	13	0.0%	0.8	18	0.0%	1.2	16	0.0%	1.0
	18 to 19	42	0.1%	3.3	29	0.0%	2.3	33	0.0%	2.6	22	0.0%	1.7	17	0.0%	1.4
	20 to 24	490	0.7%	16.1	454	0.7%	14.7	386	0.6%	12.4	346	0.5%	11.2	301	0.5%	9.8
	25 to 29	1,546	2.3%	58.9	1,508	2.2%	57.6	1,432	2.1%	54.0	1,322	2.0%	48.6	1,237	1.9%	44.7
	30 to 34	2,974	4.4%	106.6	2,869	4.2%	103.5	2,766	4.1%	101.0	2,709	4.1%	100.3	2,636	4.0%	99.0
	35 to 39	4,307	6.4%	166.8	4,298	6.4%	162.9	4,206	6.2%	156.0	4,047	6.1%	147.4	3,865	5.8%	139.8
	40 to 44	6,404	9.5%	253.2	5,870	8.7%	236.6	5,491	8.1%	222.3	5,193	7.8%	209.8	5,038	7.6%	202.2
	45 to 49	11,131	16.5%	432.5	10,226	15.1%	394.4	9,343	13.8%	360.9	8,253	12.4%	321.8	7,392	11.2%	294.0
	50 to 54	14,603	21.7%	556.2	14,157	20.9%	548.1	13,386	19.8%	526.1	12,529	18.9%	499.5	11,554	17.5%	465.1
	55 to 59	11,422	17.0%	458.2	12,191	18.0%	483.7	12,752	18.9%	502.7	13,085	19.7%	513.6	13,515	20.4%	529.8
	60 to 64	7,322	10.9%	344.4	8,042	11.9%	367.4	8,767	13.0%	389.6	9,133	13.7%	397.1	9,588	14.5%	411.1
65 to 74	5,944	8.8%	199.2	6,633	9.8%	213.1	7,361	10.9%	227.5	8,101	12.2%	241.5	8,979	13.6%	258.1	
≥ 75	1,119	1.7%	50.1	1,303	1.9%	56.8	1,488	2.2%	62.9	1,672	2.5%	68.2	1,929	2.9%	75.9	
Race/ethnicity	Latinx	25,244	37.5%	168.5	25,244	37.3%	166.9	26,026	38.6%	170.2	26,164	39.4%	169.5	26,420	40.0%	170.2
	American Indian/Alaska Native	155	0.2%	84.3	155	0.2%	82.2	160	0.2%	81.9	153	0.2%	75.8	156	0.2%	76.5
	Asian	2,335	3.5%	42.0	2,335	3.5%	41.0	2,460	3.6%	42.0	2,485	3.7%	41.5	2,523	3.8%	41.4
	Black/African American	11,271	16.7%	483.9	11,271	16.7%	480.5	11,178	16.6%	473.0	10,989	16.5%	463.1	10,899	16.5%	457.5
	Native Hawaiian/Other Pacific Islander	105	0.2%	76.9	105	0.2%	76.9	107	0.2%	78.0	107	0.2%	78.0	110	0.2%	80.6
	White	26,092	38.7%	173.9	26,092	38.6%	174.6	25,392	37.6%	170.7	24,458	36.8%	165.3	23,922	36.2%	162.3
	Multiple races	2,167	3.2%	250.3	2,167	3.2%	249.2	2,133	3.2%	243.3	2,100	3.2%	237.1	2,060	3.1%	232.9
	Unknown race	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-
Gender	Cisgender men	58,587	87.0%	301.5	58,806	86.9%	300.7	58,595	86.9%	297.5	57,639	86.7%	291.1	57,269	86.6%	288.3
	Cisgender women	7,862	11.7%	40.1	7,906	11.7%	40.0	7,922	11.7%	39.8	7,882	11.9%	39.4	7,869	11.9%	39.2
	Trans women	905	1.3%	-	912	1.3%	-	923	1.4%	-	920	1.4%	-	936	1.4%	-
	Trans men	18	0.0%	-	18	0.0%	-	19	0.0%	-	19	0.0%	-	20	0.0%	-
	Alternative gender identity	1	0.0%	-	1	0.0%	-	1	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Total</b>	<b>67,373</b>		<b>172.5</b>	<b>67,643</b>		<b>172.1</b>	<b>67,460</b>		<b>170.4</b>	<b>66,460</b>		<b>166.9</b>	<b>66,094</b>		<b>165.4</b>	

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, 2015–2019 — California

Demographic group	Transmission category	2015	%	2016	%	2017	%	2018	%	2019	%
<b>Cisgender men</b> (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	43,119	73.6%	43,299	73.6%	43,138	73.6%	42,461	73.7%	42,126	73.6%
	Injection drug use (IDU)	3,472	5.9%	3,415	5.8%	3,359	5.7%	3,254	5.6%	3,180	5.6%
	MMSC and IDU	5,570	9.5%	5,504	9.4%	5,381	9.2%	5,171	9.0%	5,062	8.8%
	High-risk heterosexual contact	2,278	3.9%	2,282	3.9%	2,265	3.9%	2,248	3.9%	2,230	3.9%
	Heterosexual contact (non-high-risk)	2,116	3.6%	2,221	3.8%	2,304	3.9%	2,334	4.1%	2,427	4.2%
	Perinatal/Unknown risk/Other	2,020	3.4%	2,072	3.5%	2,135	3.6%	2,158	3.7%	2,233	3.9%
	<b>Subtotal</b>		<b>58,575</b>	<b>86.9%</b>	<b>58,793</b>	<b>86.9%</b>	<b>58,582</b>	<b>86.8%</b>	<b>57,626</b>	<b>86.7%</b>	<b>57,258</b>
<b>Cisgender women</b> (age ≥12 at year end)	Injection drug use	1,734	22.1%	1,701	21.5%	1,670	21.1%	1,614	20.5%	1,572	20.0%
	High-risk heterosexual contact	4,290	54.7%	4,304	54.5%	4,307	54.4%	4,276	54.3%	4,248	54.0%
	Heterosexual contact (non-high-risk)	1,230	15.7%	1,269	16.1%	1,312	16.6%	1,349	17.1%	1,401	17.8%
	Perinatal/Unknown risk/Other	595	7.6%	621	7.9%	625	7.9%	635	8.1%	642	8.2%
<b>Subtotal</b>		<b>7,849</b>	<b>11.7%</b>	<b>7,895</b>	<b>11.7%</b>	<b>7,914</b>	<b>11.7%</b>	<b>7,874</b>	<b>11.8%</b>	<b>7,863</b>	<b>11.9%</b>
<b>Trans women</b> (age ≥12 at year end)	Transgender sexual contact	894	98.8%	901	98.8%	910	98.6%	906	98.5%	923	98.6%
	Injection drug use (IDU)	9	1.0%	8	0.9%	8	0.9%	9	1.0%	8	0.9%
	Perinatal/Unknown risk/Other	2	0.2%	3	0.3%	5	0.5%	5	0.5%	5	0.5%
<b>Subtotal</b>		<b>905</b>	<b>1.3%</b>	<b>912</b>	<b>1.3%</b>	<b>923</b>	<b>1.4%</b>	<b>920</b>	<b>1.4%</b>	<b>936</b>	<b>1.4%</b>
<b>Trans men</b> (age ≥12 at year end)	Transgender sexual contact	12	66.7%	12	66.7%	13	68.4%	14	73.7%	15	75.0%
	Injection drug use	5	27.8%	5	27.8%	5	26.3%	4	21.1%	4	20.0%
	Perinatal/Unknown risk/Other	1	5.6%	1	5.6%	1	5.3%	1	5.3%	1	5.0%
<b>Subtotal</b>		<b>18</b>	<b>0.0%</b>	<b>18</b>	<b>0.0%</b>	<b>19</b>	<b>0.0%</b>	<b>19</b>	<b>0.0%</b>	<b>20</b>	<b>0.0%</b>
<b>Alternative gender</b> (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Injection drug use	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%
<b>Subtotal</b>		<b>1</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
<b>Child</b> (age <12 at year end)	Perinatal	21	84.0%	20	83.3%	17	81.0%	15	71.4%	11	64.7%
	Unknown risk/Other	4	16.0%	4	16.7%	4	19.0%	6	28.6%	6	35.3%
<b>Subtotal</b>		<b>25</b>	<b>0.0%</b>	<b>24</b>	<b>0.0%</b>	<b>21</b>	<b>0.0%</b>	<b>21</b>	<b>0.0%</b>	<b>17</b>	<b>0.0%</b>
<b>Total</b>		<b>67,373</b>		<b>67,643</b>		<b>67,460</b>		<b>66,460</b>		<b>66,094</b>	

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 — 2019

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2015–2019 — California

County of current residence	2015			2016			2017			2018			2019		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,569	5.3%	220.1	3,482	5.1%	212.6	3,446	5.1%	208.7	3,337	5.0%	200.7	3,261	4.9%	194.8
Alpine	0	0.0%	0.0	2	0.0%	173.8	2	0.0%	174.5	2	0.0%	176.4	2	0.0%	177.3
Amador	39	0.1%	107.2	92	0.1%	249.7	107	0.2%	286.2	103	0.2%	270.0	88	0.1%	230.2
Butte	127	0.2%	56.6	145	0.2%	64.5	150	0.2%	66.2	152	0.2%	66.9	143	0.2%	65.9
Calaveras	22	0.0%	49.0	28	0.0%	62.6	26	0.0%	58.2	28	0.0%	62.8	29	0.0%	65.3
Colusa	2	0.0%	9.2	2	0.0%	9.1	4	0.0%	18.0	6	0.0%	27.0	5	0.0%	22.2
Contra Costa	1,330	2.0%	119.0	1,424	2.1%	126.0	1,386	2.1%	121.8	1,390	2.1%	121.2	1,361	2.1%	118.0
Del Norte	14	0.0%	51.7	13	0.0%	48.2	12	0.0%	44.8	13	0.0%	47.4	16	0.0%	58.1
El Dorado	80	0.1%	43.7	96	0.1%	52.1	102	0.2%	54.7	109	0.2%	57.6	111	0.2%	58.1
Fresno	957	1.4%	97.7	987	1.5%	99.8	1,016	1.5%	101.7	1,018	1.5%	100.7	1,032	1.6%	101.0
Glenn	6	0.0%	21.2	11	0.0%	38.7	12	0.0%	41.9	12	0.0%	41.7	12	0.0%	41.1
Humboldt	95	0.1%	70.3	105	0.2%	77.3	99	0.1%	72.9	97	0.1%	71.4	100	0.2%	74.1
Imperial	149	0.2%	80.6	164	0.2%	88.0	173	0.3%	92.1	175	0.3%	92.6	176	0.3%	92.6
Inyo	12	0.0%	64.4	14	0.0%	75.2	12	0.0%	64.6	10	0.0%	54.0	10	0.0%	54.2
Kern	852	1.3%	96.5	821	1.2%	92.5	844	1.3%	94.0	865	1.3%	95.4	866	1.3%	94.4
Kings	85	0.1%	56.7	92	0.1%	61.6	90	0.1%	59.6	94	0.1%	61.3	98	0.1%	63.5
Lake	87	0.1%	134.3	91	0.1%	141.2	94	0.1%	144.9	96	0.1%	147.6	90	0.1%	138.7
Lassen	12	0.0%	38.8	10	0.0%	32.8	9	0.0%	29.5	7	0.0%	22.9	9	0.0%	30.1
Los Angeles	26,128	38.8%	256.8	25,423	37.6%	249.0	25,188	37.3%	245.6	24,876	37.4%	242.2	24,805	37.5%	241.8
Madera	101	0.1%	65.4	101	0.1%	65.1	102	0.2%	65.1	101	0.2%	63.7	102	0.2%	64.2
Marin	494	0.7%	188.8	463	0.7%	176.4	444	0.7%	169.4	443	0.7%	168.9	450	0.7%	172.0
Mariposa	13	0.0%	71.9	12	0.0%	66.4	12	0.0%	66.7	13	0.0%	72.6	13	0.0%	72.8
Mendocino	105	0.2%	119.0	109	0.2%	122.9	104	0.2%	116.9	95	0.1%	106.9	91	0.1%	102.7
Merced	101	0.1%	37.5	135	0.2%	49.7	148	0.2%	53.5	141	0.2%	50.5	142	0.2%	50.1
Modoc	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	0.0%	10.5	2	0.0%	21.1
Mono	4	0.0%	28.8	4	0.0%	28.9	5	0.0%	36.0	5	0.0%	36.2	4	0.0%	28.8
Monterey	418	0.6%	95.9	415	0.6%	94.3	416	0.6%	94.1	399	0.6%	89.8	403	0.6%	90.2
Napa	140	0.2%	99.1	150	0.2%	106.0	153	0.2%	108.5	149	0.2%	106.0	147	0.2%	105.0
Nevada	57	0.1%	58.1	75	0.1%	76.3	77	0.1%	78.2	75	0.1%	76.0	74	0.1%	75.0
Orange	3,636	5.4%	115.0	3,520	5.2%	110.7	3,488	5.2%	108.9	3,386	5.1%	105.3	3,361	5.1%	104.3
Placer	131	0.2%	35.3	181	0.3%	48.1	188	0.3%	49.1	193	0.3%	49.6	197	0.3%	49.9
Plumas	5	0.0%	26.8	6	0.0%	32.0	8	0.0%	42.7	7	0.0%	37.4	7	0.0%	37.1
Riverside	3,384	5.0%	145.1	4,108	6.1%	174.0	4,459	6.6%	186.4	4,514	6.8%	186.5	4,585	6.9%	187.6
Sacramento	1,926	2.9%	129.3	2,081	3.1%	138.3	2,072	3.1%	136.3	2,067	3.1%	134.4	2,063	3.1%	132.8
San Benito	19	0.0%	32.4	25	0.0%	41.9	33	0.0%	54.7	30	0.0%	48.8	33	0.0%	52.6
San Bernardino	1,831	2.7%	86.0	2,104	3.1%	98.2	2,152	3.2%	99.5	2,240	3.4%	102.8	2,290	3.5%	104.2
San Diego	6,533	9.7%	199.5	6,734	10.0%	204.3	6,730	10.0%	202.8	6,555	9.9%	196.0	6,447	9.8%	192.0
San Francisco	7,401	11.0%	856.2	6,888	10.2%	789.7	6,637	9.8%	753.9	6,378	9.6%	719.4	6,205	9.4%	697.7
San Joaquin	698	1.0%	95.8	702	1.0%	95.0	681	1.0%	90.8	680	1.0%	89.4	682	1.0%	88.4
San Luis Obispo	281	0.4%	101.6	225	0.3%	80.9	232	0.3%	83.3	182	0.3%	65.2	191	0.3%	68.5
San Mateo	821	1.2%	107.4	821	1.2%	106.9	817	1.2%	105.9	793	1.2%	102.4	784	1.2%	101.0
Santa Barbara	344	0.5%	77.4	334	0.5%	74.7	279	0.4%	62.0	281	0.4%	62.0	282	0.4%	62.0
Santa Clara	2,069	3.1%	107.8	1,936	2.9%	100.1	1,917	2.8%	98.5	1,854	2.8%	94.8	1,853	2.8%	94.5
Santa Cruz	258	0.4%	93.9	266	0.4%	96.5	268	0.4%	97.2	268	0.4%	97.4	267	0.4%	97.3
Shasta	100	0.1%	56.0	104	0.2%	58.6	110	0.2%	61.7	107	0.2%	60.0	106	0.2%	59.5
Sierra	1	0.0%	31.7	1	0.0%	31.8	1	0.0%	31.8	1	0.0%	31.9	1	0.0%	32.0
Siskiyou	32	0.0%	71.8	39	0.1%	87.8	38	0.1%	85.9	41	0.1%	92.9	40	0.1%	90.8
Solano	717	1.1%	167.0	741	1.1%	171.0	728	1.1%	166.5	711	1.1%	161.6	713	1.1%	161.3
Sonoma	796	1.2%	158.8	895	1.3%	177.9	876	1.3%	174.1	846	1.3%	169.0	832	1.3%	166.9
Stanislaus	393	0.6%	73.1	437	0.6%	80.4	449	0.7%	81.6	452	0.7%	81.5	455	0.7%	81.5
Sutter	37	0.1%	38.2	44	0.1%	45.0	50	0.1%	50.3	53	0.1%	52.3	53	0.1%	51.2
Tehama	22	0.0%	34.6	25	0.0%	39.1	27	0.0%	42.1	21	0.0%	32.5	24	0.0%	36.7
Trinity	10	0.0%	73.8	10	0.0%	74.1	10	0.0%	74.3	7	0.0%	52.3	8	0.0%	59.8
Tulare	193	0.3%	41.6	209	0.3%	44.7	216	0.3%	45.7	227	0.3%	47.7	227	0.3%	47.3
Tuolumne	19	0.0%	35.5	24	0.0%	45.0	24	0.0%	45.4	30	0.0%	56.8	29	0.0%	55.2
Ventura	541	0.8%	63.5	530	0.8%	62.1	544	0.8%	63.7	529	0.8%	61.8	524	0.8%	61.4
Yolo	137	0.2%	64.3	139	0.2%	64.1	144	0.2%	65.5	148	0.2%	66.7	150	0.2%	67.3
Yuba	39	0.1%	52.4	48	0.1%	63.7	49	0.1%	63.9	47	0.1%	60.7	43	0.1%	54.9
<b>Total</b>	<b>67,373</b>		<b>172.5</b>	<b>67,643</b>		<b>172.1</b>	<b>67,460</b>		<b>170.4</b>	<b>66,460</b>		<b>166.9</b>	<b>66,094</b>		<b>165.4</b>
Berkeley city	266	0.4%	220.3	263	0.4%	216.5	254	0.4%	208.2	235	0.4%	193.2	223	0.3%	183.7
Long Beach city	2,687	4.0%	570.8	2,566	3.8%	546.5	2,481	3.7%	530.8	2,327	3.5%	497.9	2,330	3.5%	503.6
Pasadena city	320	0.5%	228.7	310	0.5%	221.0	300	0.4%	212.4	305	0.5%	215.9	297	0.4%	210.6

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).

Table S4a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity, and selected demographic characteristics, 2019—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	5	1.5	7	0.2	0	0.0	1	0.1	3	1.2	17	0.3
	12 to 14	0	0.0	1	0.5	3	3.7	3	0.4	0	0.0	2	0.5	1	1.6	10	0.6
	15 to 17	0	0.0	2	1.1	3	3.6	6	0.8	1	17.4	0	0.0	4	7.2	16	1.0
	18 to 19	0	0.0	2	1.2	4	5.2	10	1.7	0	0.0	1	0.3	0	0.0	17	1.4
	20 to 24	0	0.0	12	2.8	95	49.0	150	10.8	0	0.0	33	3.5	11	11.6	301	9.8
	25 to 29	3	15.1	59	14.8	281	144.7	668	53.9	6	57.2	172	20.5	47	69.1	1,237	44.7
	30 to 34	3	17.5	126	30.2	604	353.5	1,366	119.4	10	105.7	414	48.6	113	213.0	2,636	99.0
	35 to 39	11	73.3	197	42.5	609	375.6	2,187	188.3	14	146.7	696	77.0	151	310.1	3,865	139.8
	40 to 44	12	87.3	273	62.6	699	469.8	2,898	276.5	6	63.3	960	120.6	190	481.4	5,038	202.2
	45 to 49	18	144.2	388	87.0	1,107	730.6	3,780	380.3	15	164.2	1,842	212.7	242	689.8	7,392	294.0
	50 to 54	30	242.7	458	112.9	1,782	1,100.9	5,130	563.4	19	214.4	3,789	397.6	345	1,088.0	11,554	465.1
	55 to 59	42	297.3	374	92.9	2,228	1,323.7	4,660	596.5	17	175.3	5,807	508.0	387	1,221.0	13,515	529.8
	60 to 64	20	150.7	283	75.1	1,708	1,172.8	2,810	453.1	14	166.0	4,469	391.4	284	1,078.7	9,588	411.1
	65 to 74	14	78.9	281	48.1	1,489	774.4	2,235	293.6	6	57.6	4,703	250.4	249	708.9	8,979	258.1
≥ 75	3	29.5	66	15.6	282	225.6	510	102.2	2	31.8	1,033	70.9	33	146.2	1,929	75.9	
Gender	Cisgender men	123	124.2	2,135	74.1	8,158	679.1	22,913	292.5	91	133.7	22,101	301.0	1,745	398.5	57,269	288.3
	Cisgender women	32	30.5	339	10.6	2,477	209.7	3,020	39.3	15	21.9	1,714	23.2	271	60.7	7,869	39.2
	Trans women	1	-	49	-	258	-	476	-	4	-	104	-	44	-	936	-
	Trans men	0	-	0	-	6	-	11	-	0	-	3	-	0	-	20	-
	Alternative gender identity	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
<b>Total</b>	<b>156</b>	<b>76.5</b>	<b>2,523</b>	<b>41.4</b>	<b>10,899</b>	<b>457.5</b>	<b>26,420</b>	<b>170.2</b>	<b>110</b>	<b>80.6</b>	<b>23,922</b>	<b>162.3</b>	<b>2,060</b>	<b>232.9</b>	<b>66,094</b>	<b>165.4</b>	

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, 2019—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
<b>Cisgender men</b> (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	75	61.0%	1,666	78.1%	4,970	60.9%	16,781	73.3%	69	75.8%	17,294	78.2%	1,270	72.9%	42,126
	Injection drug use (IDU)	19	15.4%	44	2.1%	807	9.9%	1,161	5.1%	2	2.2%	1,056	4.8%	91	5.2%	3,180
	MMSC and IDU	21	17.1%	90	4.2%	769	9.4%	1,537	6.7%	5	5.5%	2,415	10.9%	225	12.9%	5,062
	High-risk heterosexual contact	3	2.4%	99	4.6%	635	7.8%	1,011	4.4%	1	1.1%	429	1.9%	50	2.9%	2,230
	Heterosexual contact (non-high-risk)	3	2.4%	128	6.0%	527	6.5%	1,299	5.7%	8	8.8%	420	1.9%	42	2.4%	2,427
	Perinatal/Unknown risk/Other	2	1.6%	107	5.0%	447	5.5%	1,119	4.9%	6	6.6%	487	2.2%	65	3.7%	2,233
	<b>Subtotal</b>		<b>123</b>	<b>78.8%</b>	<b>2,134</b>	<b>84.6%</b>	<b>8,155</b>	<b>74.8%</b>	<b>22,908</b>	<b>86.7%</b>	<b>91</b>	<b>82.7%</b>	<b>22,101</b>	<b>92.4%</b>	<b>1,743</b>	<b>84.6%</b>
<b>Cisgender women</b> (age ≥12 at year end)	Injection drug use	14	43.8%	19	5.6%	517	20.9%	389	12.9%	2	13.3%	568	33.2%	63	23.3%	1,572
	High-risk heterosexual contact	11	34.4%	223	65.8%	1,262	51.0%	1,766	58.5%	8	53.3%	855	49.9%	123	45.6%	4,248
	Heterosexual contact (non-high-risk)	5	15.6%	69	20.4%	482	19.5%	583	19.3%	5	33.3%	198	11.6%	59	21.9%	1,401
	Perinatal/Unknown risk/Other	2	6.3%	28	8.3%	214	8.6%	280	9.3%	0	0.0%	92	5.4%	25	9.3%	642
<b>Subtotal</b>		<b>32</b>	<b>20.5%</b>	<b>339</b>	<b>13.4%</b>	<b>2,475</b>	<b>22.7%</b>	<b>3,018</b>	<b>11.4%</b>	<b>15</b>	<b>13.6%</b>	<b>1,713</b>	<b>7.2%</b>	<b>270</b>	<b>13.1%</b>	<b>7,863</b>
<b>Trans women</b> (age ≥12 at year end)	Transgender sexual contact	1	100.0%	48	98.0%	253	98.1%	471	98.9%	4	100.0%	103	99.0%	43	97.7%	923
	Injection drug use (IDU)	0	0.0%	0	0.0%	3	1.2%	3	0.6%	0	0.0%	1	1.0%	1	2.3%	8
	Perinatal/Unknown risk/Other	0	0.0%	1	2.0%	2	0.8%	2	0.4%	0	0.0%	0	0.0%	0	0.0%	5
<b>Subtotal</b>		<b>1</b>	<b>0.6%</b>	<b>49</b>	<b>1.9%</b>	<b>258</b>	<b>2.4%</b>	<b>476</b>	<b>1.8%</b>	<b>4</b>	<b>3.6%</b>	<b>104</b>	<b>0.4%</b>	<b>44</b>	<b>2.1%</b>	<b>936</b>
<b>Trans men</b> (age ≥12 at year end)	Transgender 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
<b>Subtotal</b>		<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>6</b>	<b>0.1%</b>	<b>11</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>20</b>
<b>Alternative gender</b> (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	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
<b>Subtotal</b>		<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>
<b>Child</b> (age <12 at year end)	Perinatal	0	0.0%	0	0.0%	2	40.0%	5	71.4%	0	0.0%	1	100.0%	3	100.0%	11
	Unknown risk/Other	0	0.0%	1	100.0%	3	60.0%	2	28.6%	0	0.0%	0	0.0%	0	0.0%	6
<b>Subtotal</b>		<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>	<b>5</b>	<b>0.0%</b>	<b>7</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>	<b>3</b>	<b>0.1%</b>	<b>17</b>
<b>Total</b>		<b>156</b>		<b>2,523</b>		<b>10,899</b>		<b>26,420</b>		<b>110</b>		<b>23,922</b>		<b>2,060</b>		<b>66,094</b>

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, 2020, 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/ $\mu$ 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, 2020. 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 2020). For rates at the city level we used the U.S. Census Bureau, QuickFacts, Annual Estimates of the Resident Population: July 2019. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.