



Supplemental Tables to the California HIV Surveillance Report — 2017

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Table S1a. Persons newly diagnosed with HIV infection, by race/ethnicity and selected demographic characteristics, 2017—California

Characteristic	American Indian/ Alaska Native		Asian		Black/ African American		Hispanic/ 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(years)	0 to11	0	0.0	0	0.0	2	0.7	3	0.1	0	0.0	0	0.0	0	0.0	5	0.1
	12 to 14	0	0.0	0	0.0	2	2.4	1	0.1	0	0.0	1	0.2	0	0.0	4	0.3
	15 to 17	0	0.0	3	1.8	11	12.4	11	1.4	0	0.0	5	1.2	2	3.1	32	2.1
	18 to 19	1	19.3	8	5.7	22	28.4	59	10.0	1	22.0	32	8.6	3	6.0	126	10.2
	20 to 24	2	14.7	54	16.0	169	84.9	398	27.5	3	24.8	142	15.3	20	18.3	788	25.9
	25 to 29	3	26.0	57	18.1	178	105.9	487	42.0	4	35.8	205	24.7	26	34.1	960	37.3
	30 to 34	5	45.5	59	16.3	93	60.4	376	33.1	1	9.0	194	20.6	22	31.9	750	27.9
	35 to 39	0	0.0	49	12.8	93	62.8	264	23.4	1	9.2	147	15.6	18	28.9	572	21.3
	40 to 44	3	30.1	40	10.2	52	37.7	205	19.3	1	10.2	115	13.4	17	33.7	433	17.2
	45 to 49	1	9.0	31	7.8	48	30.8	177	17.4	0	0.0	118	11.8	10	20.9	385	14.6
	50 to 54	2	16.4	23	6.3	48	29.3	122	13.8	1	10.1	127	11.6	9	20.6	332	12.9
	55 to 59	0	0.0	10	2.9	42	25.5	69	9.4	0	0.0	81	6.5	6	14.4	208	8.1
	60 to 64	1	8.5	7	2.2	27	19.7	31	5.4	0	0.0	45	3.8	4	12.1	115	5.1
	65 to 74	0	0.0	3	0.6	15	8.4	22	3.2	0	0.0	27	1.4	1	2.4	68	2.1
≥ 75	0	0.0	0	0.0	0	0.0	7	1.6	0	0.0	6	0.4	0	0.0	13	0.5	
Gender	Cisgender men	16	19.5	307	12.5	643	57.1	1,997	25.3	9	13.9	1,104	14.6	112	19.7	4,188	21.2
	Cisgender women	2	2.4	31	1.1	137	11.9	196	2.5	3	4.5	134	1.8	23	4.0	526	2.6
	Transgender women	0	-	6	-	21	-	37	-	0	-	6	-	2	-	72	-
	Transgender men	0	-	0	-	1	-	2	-	0	-	1	-	1	-	5	-
	Alternative Gender	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
Total	18	10.82	344	6.7	802	35.2	2,232	14.3	12	9.1	1,245	8.2	138	12.0	4,791	12.1	

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, 2017—California

Demographic group	Transmission category	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Total	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Male adult or adolescent (≥12 years old at diagnosis)	Male-to-male sexual contact (MMSC)	13	81.3%	248	79.2%	431	65.0%	1,506	74.1%	7	77.8%	750	67.6%	84	73.7%	3,039	71.4%
	Injection drug use (IDU)	0	0.0%	4	1.3%	15	2.3%	68	3.3%	0	0.0%	54	4.9%	5	4.4%	146	3.4%
	MMSCIDU	1	6.3%	7	2.2%	20	3.0%	71	3.5%	0	0.0%	73	6.6%	5	4.4%	177	4.2%
	High-risk heterosexual contact (HRH)	0	0.0%	9	2.9%	15	2.3%	46	2.3%	0	0.0%	39	3.5%	0	0.0%	109	2.6%
	Heterosexual contact (non-HRH)	0	0.0%	23	7.3%	70	10.6%	142	7.0%	2	22.2%	78	7.0%	9	7.9%	324	7.6%
	Unknown risk	2	12.5%	22	7.0%	112	16.9%	198	9.7%	0	0.0%	116	10.5%	11	9.6%	461	10.8%
	Other	0	0.0%	0	0.0%	0	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.0%
	Subtotal		16		313		663		2,032		9		1,110		114		4,257
Female adult or adolescent (≥12 years old at diagnosis)	Injection drug use	1	50.0%	0	0.0%	10	7.3%	22	11.2%	0	0.0%	42	31.1%	2	8.3%	77	14.6%
	High-risk heterosexual contact (HRH)	0	0.0%	14	45.2%	38	27.7%	87	44.2%	1	33.3%	30	22.2%	7	29.2%	177	33.5%
	Heterosexual contact (non-HRH)	1	50.0%	12	38.7%	62	45.3%	77	39.1%	2	66.7%	44	32.6%	13	54.2%	211	39.9%
	Perinatal	0	0.0%	0	0.0%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.2%
	Unknown risk	0	0.0%	5	16.1%	26	19.0%	11	5.6%	0	0.0%	19	14.1%	2	8.3%	63	11.9%
	Subtotal		2		31		137		197		3		135		24		529
Child (<12 years old at diagnosis)	Perinatal	0	0.0%	0	0.0%	2	0.0%	3	100.0%	0	0.0%	0	0.0%	0	0.0%	5	100.0%
	Subtotal	0		0		2		3		0		0		0		5	
Total		18		344		802		2,232		12		1,245		138		4,791	

Note: Transmission category classified by sex at birth. High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex at birth who is HIV-positive or has a high risk for HIV (i.e., MMSC, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex at birth whose who does not have a high risk for HIV. 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 S2a. Persons living with diagnosed HIV infection, by race/ethnicity and selected demographic characteristics, 2017—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latinx		Native Hawaiian/Other 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 (years)																
0 to 11	0	0.0	13	2.0	33	10.8	31	1.0	0	0.0	22	1.4	11	3.0	110	1.8
12 to 14	0	0.0	5	3.0	33	40.1	25	3.1	1	18.9	11	2.6	3	4.3	78	5.1
15 to 17	0	0.0	9	5.4	33	37.3	36	4.6	0	0.0	14	3.2	6	9.4	98	6.3
18 to 19	1	19.3	7	5.0	58	74.9	115	19.5	1	22.0	46	12.4	11	21.9	239	19.3
20 to 24	5	36.8	153	45.4	755	379.3	1,428	98.7	5	41.3	510	55.0	93	85.2	2,950	96.8
25 to 29	21	181.8	415	132.0	1,829	1,088.1	3,553	306.2	24	215.0	1,631	196.5	348	455.8	7,821	304.1
30 to 34	30	272.8	575	158.8	2,186	1,419.9	4,937	434.7	32	287.0	2,576	273.9	390	564.7	10,726	399.7
35 to 39	33	308.4	646	168.6	2,016	1,360.5	5,909	523.3	40	369.7	3,093	328.6	441	707.3	12,178	453.4
40 to 44	39	391.4	744	189.4	1,994	1,445.6	6,044	567.7	30	305.9	3,542	413.7	446	884.9	12,839	509.1
45 to 49	57	511.3	844	211.1	2,724	1,750.2	7,398	726.5	37	367.8	6,368	634.8	581	1,214.9	18,009	680.6
50 to 54	70	573.5	756	206.1	3,622	2,208.5	7,856	885.8	33	334.2	10,052	916.8	664	1,522.6	23,054	893.7
55 to 59	63	472.3	494	140.9	3,499	2,120.9	5,534	751.4	19	197.0	10,333	833.7	525	1,256.1	20,467	800.6
60 to 64	34	290.2	374	115.2	2,389	1,747.3	3,136	550.7	23	303.9	7,037	590.0	338	1,020.6	13,331	585.7
65 to 74	20	119.7	299	64.3	1,785	994.5	2,272	333.2	8	83.2	6,411	337.7	274	651.3	11,071	336.2
≥ 75	3	31.6	62	17.9	281	235.3	495	114.0	2	35.3	1,232	85.0	36	143.1	2,111	88.3
Gender																
Cisgender men	310	368.1	4,654	189.5	17,614	1,564.0	42,225	534.7	210	323.8	48,849	645.6	3,556	625.5	117,421	594.2
Cisgender women	60	73.0	655	24.2	5,084	440.5	5,654	73.2	37	55.8	3,799	49.8	523	90.3	15,813	79.3
Transgender women	6	-	87	-	523	-	865	-	8	-	215	-	86	-	1,790	-
Transgender men	0	-	0	-	16	-	20	-	0	-	15	-	2	-	53	-
Alternative Gender	0	-	0	-	0	-	5	-	0	-	0	-	0	-	5	-
Total	376	225.9	5,396	104.6	23,237	1019.0	48,769	312.3	255	194.4	52,878	348.1	4,167	363.1	135,082	340.3

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, 2017—California

Demographic group	Transmission category	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Total	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Male adult or adolescent (≥12 years old at year end)	Male-to-male sexual contact (MMSC)	217	68.7%	3,863	81.6%	11,930	65.8%	33,022	76.7%	175	80.3%	39,468	80.5%	2,760	75.9%	91,436	76.7%
	Injection drug use (IDU)	27	8.5%	82	1.7%	1,378	7.6%	1,711	4.0%	6	2.8%	1,847	3.8%	130	3.6%	5,181	4.3%
	MMSCIDU	46	14.6%	170	3.6%	1,436	7.9%	2,563	5.9%	15	6.9%	4,648	9.5%	416	11.4%	9,294	7.8%
	High-risk heterosexual contact (HRH)	6	1.9%	166	3.5%	1,094	6.0%	1,451	3.4%	2	0.9%	844	1.7%	88	2.4%	3,653	3.1%
	Heterosexual contact (non-HRH)	4	1.3%	230	4.9%	1,104	6.1%	2,129	4.9%	13	6.0%	869	1.8%	94	2.6%	4,443	3.7%
	Perinatal	0	0.0%	6	0.1%	104	0.6%	122	0.3%	1	0.5%	41	0.1%	19	0.5%	293	0.2%
	Unknown risk	16	5.1%	198	4.2%	1,048	5.8%	2,002	4.6%	6	2.8%	1,230	2.5%	123	3.4%	4,623	3.9%
	Other	0	0.0%	19	0.4%	27	0.1%	77	0.2%	0	0.0%	109	0.2%	8	0.2%	240	0.2%
	Subtotal		316		4,734		18,121		43,077		218		49,056		3,638		119,163
Female adult or adolescent (≥12 years old at year end)	Injection drug use	25	41.7%	30	4.6%	875	17.2%	644	11.4%	7	18.9%	1,097	28.9%	110	21.2%	2,788	17.6%
	High-risk heterosexual contact (HRH)	20	33.3%	402	61.9%	2,440	48.0%	3,130	55.3%	18	48.6%	1,862	49.0%	226	43.6%	8,098	51.2%
	Heterosexual contact (non-HRH)	11	18.3%	154	23.7%	1,270	25.0%	1,297	22.9%	11	29.7%	561	14.8%	131	25.3%	3,435	21.7%
	Perinatal	1	1.7%	7	1.1%	124	2.4%	156	2.8%	0	0.0%	53	1.4%	16	3.1%	358	2.3%
	Unknown risk	2	3.3%	46	7.1%	348	6.8%	388	6.9%	1	2.7%	181	4.8%	28	5.4%	994	6.3%
	Other	1	1.7%	10	1.5%	26	0.5%	46	0.8%	0	0.0%	46	1.2%	7	1.4%	136	0.9%
Subtotal		60		649		5,083		5,661		37		3,800		518		15,809	
Child (<12 years old at year end)	Perinatal	0	0.0%	10	76.9%	26	78.8%	27	87.1%	0	0.0%	18	81.8%	11	100.0%	92	83.6%
	Unknown risk	0	0.0%	3	23.1%	7	21.2%	3	9.7%	0	0.0%	3	13.6%	0	0.0%	16	14.5%
	Other	0	0.0%	0	0.0%	0	0.0%	1	3.2%	0	0.0%	1	4.5%	0	0.0%	2	1.8%
	Subtotal		0		13		33		31		0		22		11		110
Total		376		5,396		23,237		48,769		255		52,878		4,167		135,082	

Note: Transmission category classified by sex at birth. High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex at birth who is HIV-positive or has a high risk for HIV (i.e., MMSC, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex at birth whose who does not have a high risk for HIV. "Other" includes exposure to blood transfusion or blood products, receiving a transplant, occupational exposure, and other unspecified risks. 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, 2013–2017 — California

Characteristic	2013			2014			2015			2016			2017		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Age at year end (years)															
0 to11	30	0.0%	0.5	30	0.0%	0.5	23	0.0%	0.4	21	0.0%	0.3	19	0.0%	0.3
12 to 14	20	0.0%	1.3	13	0.0%	0.8	18	0.0%	1.2	17	0.0%	1.1	14	0.0%	0.9
15 to 17	46	0.1%	2.9	36	0.1%	2.3	27	0.0%	1.7	23	0.0%	1.5	13	0.0%	0.8
18 to 19	81	0.1%	6.4	54	0.1%	4.3	42	0.1%	3.3	30	0.0%	2.4	35	0.1%	2.8
20 to 24	593	0.9%	20.5	544	0.8%	18.4	488	0.7%	16.3	455	0.7%	15.0	388	0.6%	12.7
25 to 29	1,724	2.5%	66.2	1,631	2.4%	63.8	1,532	2.3%	60.8	1,487	2.2%	58.8	1,416	2.1%	55.1
30 to 34	3,159	4.6%	115.3	3,062	4.5%	110.2	2,970	4.4%	107.4	2,856	4.2%	104.6	2,743	4.0%	102.2
35 to 39	4,658	6.8%	184.8	4,464	6.6%	175.7	4,299	6.3%	166.7	4,282	6.3%	162.9	4,186	6.2%	155.9
40 to 44	8,246	12.0%	312.2	7,254	10.7%	277.4	6,424	9.5%	250.1	5,879	8.7%	232.4	5,482	8.1%	217.4
45 to 49	13,231	19.3%	510.0	12,102	17.8%	467.7	11,179	16.5%	428.4	10,269	15.1%	389.6	9,388	13.9%	354.8
50 to 54	14,430	21.1%	546.7	14,763	21.8%	555.9	14,724	21.7%	557.5	14,267	21.0%	547.2	13,480	19.9%	522.5
55 to 59	10,465	15.3%	433.6	10,812	15.9%	439.5	11,501	17.0%	458.8	12,269	18.1%	483.6	12,840	19.0%	502.3
60 to 64	6,347	9.3%	314.4	6,862	10.1%	329.9	7,379	10.9%	343.7	8,109	11.9%	366.5	8,836	13.0%	388.2
65 to 74	4,649	6.8%	171.3	5,234	7.7%	182.7	5,975	8.8%	198.0	6,678	9.8%	211.7	7,418	10.9%	225.3
≥ 75	816	1.2%	38.8	957	1.4%	44.3	1,122	1.7%	50.2	1,306	1.9%	56.7	1,495	2.2%	62.6
Race/ethnicity															
Hispanic/Latinx	24,498	35.8%	165.8	24,785	36.5%	165.2	25,110	37.1%	165.0	25,551	37.6%	165.8	25,862	38.2%	165.6
American Indian/Alaska Native	181	0.3%	109.6	174	0.3%	105.2	173	0.3%	104.5	176	0.3%	106.3	178	0.3%	107.0
Asian	2,248	3.3%	45.1	2,295	3.4%	45.5	2,356	3.5%	46.3	2,408	3.5%	47.0	2,470	3.6%	47.9
Black/African American	11,754	17.2%	529.5	11,620	17.1%	520.3	11,496	17.0%	511.5	11,465	16.9%	507.1	11,398	16.8%	499.8
Native Hawaiian/Other Pacific Islander	107	0.2%	80.9	109	0.2%	82.4	111	0.2%	84.1	115	0.2%	87.5	113	0.2%	86.1
White	27,770	40.5%	184.1	26,886	39.6%	177.9	26,509	39.2%	175.2	26,292	38.7%	173.6	25,819	38.1%	169.9
Multiple races	1,933	2.8%	191.0	1,945	2.9%	186.0	1,944	2.9%	180.1	1,937	2.9%	174.2	1,909	2.8%	166.4
Unknown race	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-
Gender															
Cisgender men	59,813	87.3%	313.4	59,132	87.2%	306.8	58,942	87.1%	303.3	59,145	87.0%	302.0	58,928	87.0%	298.2
Cisgender women	7,810	11.4%	40.5	7,815	11.5%	40.1	7,879	11.6%	40.1	7,915	11.6%	40.0	7,927	11.7%	39.8
Transgender women	851	1.2%	-	850	1.3%	-	862	1.3%	-	868	1.3%	-	877	1.3%	-
Transgender men	19	0.0%	-	19	0.0%	-	19	0.0%	-	19	0.0%	-	20	0.0%	-
Alternative Gender Identity	2	0.0%	-	2	0.0%	-	1	0.0%	-	1	0.0%	-	1	0.0%	-
Total	68,495		178.5	67,818		175.1	67,703		173.3	67,948		172.7	67,753		170.7

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, 2013–2017 — California

Demographic group	Transmission category	2013		2014		2015		2016		2017	
		N	%	N	%	N	%	N	%	N	%
Male adult or adolescent (≥12 years old at year end)	Male-to-male sexual contact (MMSC)	44,620	73.6%	44,095	73.5%	44,025	73.6%	44,204	73.7%	44,045	73.7%
	Injection drug use (IDU)	3,678	6.1%	3,622	6.0%	3,546	5.9%	3,483	5.8%	3,426	5.7%
	MMSCIDU	6,119	10.1%	5,883	9.8%	5,731	9.6%	5,664	9.4%	5,537	9.3%
	High-risk heterosexual contact (HRH)	2,262	3.7%	2,286	3.8%	2,297	3.8%	2,300	3.8%	2,281	3.8%
	Heterosexual contact (non-HRH)	1,992	3.3%	2,067	3.4%	2,134	3.6%	2,242	3.7%	2,325	3.9%
	Perinatal	160	0.3%	159	0.3%	160	0.3%	156	0.3%	154	0.3%
	Unknown risk	1,595	2.6%	1,635	2.7%	1,689	2.8%	1,746	2.9%	1,823	3.0%
	Other	227	0.4%	222	0.4%	211	0.4%	206	0.3%	202	0.3%
	Subtotal	60,653	88.6%	59,969	88.4%	59,793	88.3%	60,001	88.3%	59,793	88.3%
Female adult or adolescent (≥12 years old at year end)	Injection drug use	1,820	23.3%	1,775	22.7%	1,739	22.0%	1,704	21.5%	1,673	21.1%
	High-risk heterosexual contact (HRH)	4,280	54.8%	4,267	54.6%	4,295	54.5%	4,302	54.3%	4,301	54.2%
	Heterosexual contact (non-HRH)	1,128	14.4%	1,185	15.2%	1,249	15.8%	1,289	16.3%	1,330	16.7%
	Perinatal	155	2.0%	160	2.0%	169	2.1%	174	2.2%	173	2.2%
	Unknown risk	307	3.9%	312	4.0%	319	4.0%	343	4.3%	351	4.4%
	Other	122	1.6%	120	1.5%	116	1.5%	114	1.4%	113	1.4%
	Subtotal	7,812	11.4%	7,819	11.5%	7,887	11.6%	7,926	11.7%	7,941	11.7%
Child (<12 years old at year end)	Perinatal	28	93.3%	26	86.7%	20	87.0%	18	85.7%	16	84.2%
	Unknown risk	2	6.7%	3	10.0%	2	8.7%	2	9.5%	2	10.5%
	Other	0	0.0%	1	3.3%	1	4.3%	1	4.8%	1	5.3%
	Subtotal	30	0.0%	30	0.0%	23	0.0%	21	0.0%	19	0.0%
	Total	68,495		67,818		67,703		67,948		67,753	

Note: Transmission category classified by sex-at-birth. High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex-at-birth who has a high risk of 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. "Other" includes exposure to blood transfusion or blood products, receiving a transplant, occupational exposure, and other unspecified risks.

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2013–2017 — California

County of residence	2013			2014			2015			2016			2017		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,621	5.3%	229.8	3,638	5.4%	227.4	3,596	5.3%	222.0	3,507	5.2%	214.1	3,475	5.1%	209.9
Alpine	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	2	0.0%	174.2	2	0.0%	175.0
Amador	28	0.0%	74.5	25	0.0%	66.8	39	0.1%	104.5	92	0.1%	247.4	106	0.2%	284.4
Butte	123	0.2%	55.3	129	0.2%	57.6	128	0.2%	57.1	146	0.2%	64.9	151	0.2%	66.7
Calaveras	16	0.0%	35.5	19	0.0%	42.2	22	0.0%	49.0	28	0.0%	62.5	26	0.0%	58.0
Colusa	3	0.0%	13.7	3	0.0%	13.6	2	0.0%	9.0	2	0.0%	8.9	4	0.0%	17.7
Contra Costa	1,328	1.9%	121.9	1,339	2.0%	121.4	1,338	2.0%	119.8	1,433	2.1%	126.8	1,396	2.1%	122.1
Del Norte	13	0.0%	47.2	12	0.0%	44.1	13	0.0%	47.9	12	0.0%	44.4	11	0.0%	40.6
El Dorado	77	0.1%	42.2	82	0.1%	44.9	79	0.1%	43.1	95	0.1%	51.6	100	0.1%	54.0
Fresno	941	1.4%	98.1	952	1.4%	98.2	964	1.4%	98.4	996	1.5%	100.7	1,026	1.5%	102.6
Glenn	6	0.0%	20.9	5	0.0%	17.3	6	0.0%	20.7	11	0.0%	37.8	12	0.0%	41.1
Humboldt	84	0.1%	62.3	88	0.1%	65.3	97	0.1%	71.8	107	0.2%	78.6	101	0.1%	73.8
Imperial	141	0.2%	78.2	145	0.2%	79.2	149	0.2%	80.4	163	0.2%	87.1	171	0.3%	90.3
Inyo	10	0.0%	53.8	13	0.0%	69.8	12	0.0%	64.4	14	0.0%	75.1	12	0.0%	64.2
Kern	869	1.3%	100.0	855	1.3%	97.5	864	1.3%	97.8	830	1.2%	93.4	855	1.3%	95.2
Kings	92	0.1%	61.2	88	0.1%	58.9	85	0.1%	56.8	92	0.1%	61.6	90	0.1%	59.8
Lake	64	0.1%	98.8	69	0.1%	105.8	86	0.1%	131.9	91	0.1%	139.7	94	0.1%	144.3
Lassen	15	0.0%	46.4	13	0.0%	40.8	12	0.0%	38.7	10	0.0%	32.6	9	0.0%	29.4
Los Angeles	26,570	38.8%	264.2	26,633	39.3%	263.1	26,216	38.7%	257.4	25,494	37.5%	249.2	25,248	37.3%	245.4
Madera	94	0.1%	61.7	104	0.2%	67.5	101	0.1%	65.2	101	0.1%	64.9	102	0.2%	64.8
Marin	482	0.7%	186.4	536	0.8%	205.3	496	0.7%	189.2	465	0.7%	176.6	446	0.7%	168.7
Mariposa	14	0.0%	77.1	13	0.0%	71.7	13	0.0%	71.9	12	0.0%	66.5	12	0.0%	66.5
Mendocino	100	0.1%	113.6	109	0.2%	123.1	105	0.2%	118.7	109	0.2%	122.5	104	0.2%	116.4
Merced	99	0.1%	37.4	96	0.1%	35.9	103	0.2%	38.2	137	0.2%	50.3	149	0.2%	54.0
Modoc	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Mono	1	0.0%	7.2	0	0.0%	0.0	4	0.0%	28.9	4	0.0%	29.0	5	0.0%	36.2
Monterey	414	0.6%	97.1	427	0.6%	99.3	422	0.6%	96.7	418	0.6%	94.8	420	0.6%	94.3
Napa	95	0.1%	68.2	99	0.1%	70.4	138	0.2%	97.5	149	0.2%	104.7	153	0.2%	107.1
Nevada	52	0.1%	53.2	51	0.1%	51.9	56	0.1%	57.0	73	0.1%	74.1	75	0.1%	75.9
Orange	3,754	5.5%	120.7	3,758	5.5%	119.8	3,657	5.4%	115.7	3,543	5.2%	111.4	3,510	5.2%	109.6
Placer	126	0.2%	34.6	122	0.2%	33.1	126	0.2%	34.0	176	0.3%	46.8	182	0.3%	47.8
Plumas	3	0.0%	15.2	3	0.0%	15.2	5	0.0%	25.5	6	0.0%	30.8	8	0.0%	41.2
Riverside	3,043	4.4%	133.7	3,047	4.5%	132.1	3,437	5.1%	147.6	4,171	6.1%	176.7	4,525	6.7%	188.9
Sacramento	1,886	2.8%	129.6	1,879	2.8%	127.5	1,880	2.8%	126.2	2,009	3.0%	133.3	1,980	2.9%	129.9
San Benito	22	0.0%	38.8	20	0.0%	35.0	19	0.0%	33.0	25	0.0%	43.1	32	0.0%	54.7
San Bernardino	1,766	2.6%	84.4	1,785	2.6%	84.5	1,842	2.7%	86.5	2,110	3.1%	98.2	2,158	3.2%	99.5
San Diego	6,621	9.7%	206.3	6,653	9.8%	204.8	6,605	9.8%	201.7	6,828	10.0%	206.9	6,827	10.1%	205.2
San Francisco	8,305	12.1%	984.3	7,379	10.9%	864.3	7,418	11.0%	859.5	6,902	10.2%	792.3	6,656	9.8%	756.8
San Joaquin	659	1.0%	93.4	703	1.0%	98.0	711	1.1%	97.7	713	1.0%	96.5	692	1.0%	92.3
San Luis Obispo	375	0.5%	137.1	346	0.5%	125.3	285	0.4%	102.9	228	0.3%	81.7	236	0.3%	84.0
San Mateo	842	1.2%	112.5	841	1.2%	111.2	828	1.2%	108.3	827	1.2%	107.7	823	1.2%	106.2
Santa Barbara	331	0.5%	76.0	343	0.5%	77.9	344	0.5%	77.3	337	0.5%	75.2	283	0.4%	62.7
Santa Clara	2,231	3.3%	119.5	2,194	3.2%	116.0	2,084	3.1%	108.8	1,957	2.9%	101.4	1,940	2.9%	99.4
Santa Cruz	244	0.4%	90.2	248	0.4%	91.3	259	0.4%	94.3	267	0.4%	96.7	268	0.4%	96.3
Shasta	107	0.2%	59.9	106	0.2%	59.1	100	0.1%	55.9	104	0.2%	58.4	109	0.2%	61.1
Sierra	0	0.0%	0.0	1	0.0%	31.6	1	0.0%	31.8	1	0.0%	31.8	1	0.0%	31.9
Siskiyou	24	0.0%	53.7	26	0.0%	58.3	33	0.0%	74.2	40	0.1%	90.1	39	0.1%	88.0
Solano	697	1.0%	165.7	689	1.0%	162.0	724	1.1%	168.7	747	1.1%	172.1	734	1.1%	167.1
Sonoma	798	1.2%	161.4	789	1.2%	158.5	806	1.2%	160.8	905	1.3%	179.6	886	1.3%	174.6
Stanislaus	346	0.5%	65.6	367	0.5%	69.0	397	0.6%	73.7	441	0.6%	80.9	453	0.7%	82.1
Sutter	36	0.1%	37.3	37	0.1%	38.1	37	0.1%	37.9	41	0.1%	41.8	47	0.1%	47.5
Tehama	24	0.0%	37.7	21	0.0%	32.9	22	0.0%	34.4	25	0.0%	39.0	27	0.0%	42.0
Trinity	9	0.0%	65.9	10	0.0%	73.5	10	0.0%	73.7	10	0.0%	74.2	10	0.0%	74.4
Tulare	176	0.3%	38.6	185	0.3%	40.2	195	0.3%	42.1	212	0.3%	45.3	221	0.3%	46.7
Tuolumne	21	0.0%	38.3	22	0.0%	40.2	19	0.0%	34.8	24	0.0%	44.2	24	0.0%	44.3
ventura	531	0.8%	63.0	533	0.8%	62.9	543	0.8%	63.7	527	0.8%	61.7	543	0.8%	63.2
Yolo	131	0.2%	62.9	132	0.2%	62.9	131	0.2%	61.6	132	0.2%	60.9	136	0.2%	61.8
Yuba	35	0.1%	47.1	36	0.1%	48.0	39	0.1%	51.6	47	0.1%	61.7	48	0.1%	62.4
Total	68,495		178.5	67,818		175.1	67,703		173.3	67,948		172.7	67,753		170.7
Berkeley city	261	0.4%	223.0	263	0.4%	221.5	268	0.4%	222.2	264	0.4%	217.7	255	0.4%	208.5
Long Beach city	2,847	4.2%	606.8	2,782	4.1%	591.4	2,706	4.0%	574.0	2,580	3.8%	548.8	2,500	3.7%	532.5
Pasadena city	301	0.4%	215.5	314	0.5%	224.4	320	0.5%	226.2	310	0.5%	218.2	301	0.4%	211.0

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 (Alameda, Los Angeles, and Los Angeles, respectively).

Table S4a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity, and selected demographic characteristics, 2017—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latinx		Native Hawaiian/Other 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 to 11	0	0.0	2	0.3	4	1.3	9	0.3	0	0.0	2	0.1	2	0.6	19	0.3
12 to 14	0	0.0	1	0.6	4	4.9	6	0.8	1	18.9	0	0.0	2	2.9	14	0.9
15 to 17	0	0.0	3	1.8	3	3.4	5	0.6	0	0.0	1	0.2	1	1.6	13	0.8
18 to 19	0	0.0	0	0.0	8	10.3	23	3.9	0	0.0	3	0.8	1	2.0	35	2.8
20 to 24	1	7.4	17	5.0	126	63.3	187	12.9	0	0.0	44	4.7	12	11.0	388	12.7
25 to 29	4	34.6	68	21.6	343	204.1	729	62.8	5	44.8	206	24.8	61	79.9	1,416	55.1
30 to 34	4	36.4	135	37.3	559	363.1	1,463	128.8	9	80.7	465	49.4	108	156.4	2,743	102.2
35 to 39	13	121.5	211	55.1	647	436.6	2,390	211.7	14	129.4	755	80.2	156	250.2	4,186	155.9
40 to 44	12	120.4	275	70.0	809	586.5	3,003	282.1	13	132.5	1,194	139.5	176	349.2	5,482	217.4
45 to 49	30	269.1	451	112.8	1,414	908.5	4,409	433.0	12	119.3	2,782	277.3	290	606.4	9,388	354.8
50 to 54	40	327.7	450	122.7	2,170	1,323.2	5,273	594.6	19	192.4	5,162	470.8	365	836.9	13,480	522.5
55 to 59	39	292.4	334	95.2	2,256	1,367.4	3,943	535.4	14	145.1	5,937	479.0	317	758.4	12,840	502.3
60 to 64	22	187.8	260	80.1	1,621	1,185.6	2,327	408.7	18	237.8	4,378	367.0	210	634.1	8,836	388.2
65 to 74	12	71.8	212	45.6	1,229	684.7	1,707	250.3	6	62.4	4,065	214.2	185	439.8	7,418	225.3
≥ 75	1	10.5	51	14.8	205	171.7	388	89.3	2	35.3	825	56.9	23	91.4	1,495	62.6
Gender																
Cisgender men	147	178.8	2,089	85.1	8,584	762.2	22,465	284.5	94	144.9	23,921	316.2	1,625	285.8	58,928	298.2
Cisgender women	30	35.6	335	12.4	2,554	221.3	2,942	38.1	15	22.6	1,806	23.7	244	42.1	7,927	39.8
Transgender women	1	-	46	-	253	-	445	-	4	-	88	-	40	-	877	-
Transgender men	0	-	0	-	7	-	9	-	0	-	4	-	0	-	20	-
Alternative Gender	0	-	0	-	0	-	1	-	0	-	0	-	0	-	1	-
Total	178	107.0	2,470	47.9	11,398	499.8	25,862	165.6	113	86.1	25,819	169.9	1,909	166.4	67,753	170.7

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, 2017—California

Demographic group	Transmission category	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latinx		Native Hawaiian/Pacific Islander		White		Multiple Races		Total	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Male adult or adolescent (≥12 years old at year end)	Male-to-male sexual contact (MMSC)	93	62.8%	1,660	77.8%	5,343	60.5%	16,789	73.3%	72	73.5%	1,204	72.4%	1	33.3%	44,045	73.7%
	Injection drug use (IDU)	19	12.8%	43	2.0%	933	10.6%	1,196	5.2%	2	2.0%	84	5.0%	0	0.0%	3,426	5.7%
	MSM and IDU	27	18.2%	105	4.9%	937	10.6%	1,600	7.0%	10	10.2%	227	13.6%	0	0.0%	5,537	9.3%
	High-risk heterosexual contact (HRH)	3	2.0%	100	4.7%	659	7.5%	1,020	4.5%	1	1.0%	46	2.8%	2	66.7%	2,281	3.8%
	Heterosexual contact (non-HRH)	3	2.0%	127	6.0%	520	5.9%	1,221	5.3%	8	8.2%	43	2.6%	0	0.0%	2,325	3.9%
	Perinatal	0	0.0%	5	0.2%	44	0.5%	72	0.3%	1	1.0%	10	0.6%	0	0.0%	154	0.3%
	Unknown risk	3	2.0%	75	3.5%	375	4.2%	941	4.1%	4	4.1%	43	2.6%	0	0.0%	1,823	3.0%
	Other	0	0.0%	18	0.8%	23	0.3%	66	0.3%	0	0.0%	7	0.4%	0	0.0%	202	0.3%
	Subtotal		148		2,133		8,834		22,905		98		1,664		3		59,793
Female adult or adolescent (≥12 years old at year end)	Injection drug use	14	46.7%	18	5.4%	576	22.5%	393	13.3%	2	13.3%	56	23.0%	0	0.0%	1,673	21.1%
	High-risk heterosexual contact (HRH)	10	33.3%	225	67.2%	1,301	50.8%	1,736	58.9%	8	53.3%	111	45.7%	0	0.0%	4,301	54.2%
	Heterosexual contact (non-HRH)	4	13.3%	63	18.8%	473	18.5%	544	18.5%	5	33.3%	53	21.8%	0	0.0%	1,330	16.7%
	Perinatal	1	3.3%	3	0.9%	70	2.7%	75	2.5%	0	0.0%	5	2.1%	1	100.0%	173	2.2%
	Unknown risk	0	0.0%	18	5.4%	119	4.6%	159	5.4%	0	0.0%	12	4.9%	0	0.0%	351	4.4%
	Other	1	3.3%	8		21	0.8%	41	1.4%	0	0.0%	6	2.5%	0	0.0%	113	1.4%
Subtotal		30		335		2,560		2,948		15		243		1		7,941	
Child (<12 years old at year end)	Perinatal	0	0.0%	2	100.0%	3	75.0%	7	77.8%	0	0.0%	2	100.0%	0	0.0%	16	84.2%
	Unknown risk	0	0.0%	0	0.0%	1	25.0%	1	11.1%	0	0.0%	0	0.0%	0	0.0%	2	10.5%
	Other	0	0.0%	0	0.0%	0	0.0%	1	11.1%	0	0.0%	0	0.0%	0	0.0%	1	5.3%
	Subtotal	0		2		4		9		0		2		0		19	
Total		178		2,470		11,398		25,862		113		1,909		4		67,753	

Note: Transmission category classified by sex at birth. High-risk heterosexual contact: heterosexual intercourse with a person of the opposite sex at birth who is HIV-positive or has a high risk for HIV (i.e., MMSC, IDU). Heterosexual contact (non-high-risk): heterosexual intercourse with a person of the opposite sex at birth whose who does not have a high risk for HIV. "Other" includes exposure to blood transfusion or blood products, receiving a transplant, occupational exposure, and other unspecified risks. 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 January 9, 2019, 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: The designation “adults and adolescents” refers to persons aged 12 years and older; “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 January 9, 2019. Otherwise individuals were classified according to their sex-at-birth.

Race and ethnicity: Hispanic/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. Classification is based on sex-at-birth.

Gay, bisexual, and other men who have sex with men are in the transmission category of MMSC; transgender women who have sex with men are also placed by CDC in this transmission category. 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, January 2018). For rates at the city level we used the State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011-2018, with 2010 Census Benchmark. Sacramento, California, May 2018. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.