



Supplemental Tables to the California HIV Surveillance Report — 2015

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Table S1a. Persons newly diagnosed with HIV infection, by race/ethnicity and selected demographic characteristics, 2015—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latino		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	0	3	1	1	0	0	0	2	0.1	1	0.3	7	0.1
12 to 14	0	0	1	0.6	0	0	0	0	0	0	0	0	0	0	1	0.1
15 to 17	0	0	1	0.6	10	11.1	15	1.9	0	0	1	0.2	1	1.6	28	1.8
18 to 19	1	21.3	8	6.3	37	56.7	66	12.4	1	24.2	14	4.4	1	2.4	128	11.7
20 to 24	3	22.9	61	18.3	174	91.9	411	30	1	8.3	169	19.1	30	30.4	849	29.3
25 to 29	3	24.3	63	18.3	196	111.8	433	35	4	32.2	234	26	23	29.4	956	34.7
30 to 34	3	26.1	45	11.6	113	74.1	340	28.8	1	8.4	208	21.6	19	28.1	729	26.3
35 to 39	1	9.4	33	8.5	83	57.6	285	25.7	2	19.1	137	15.5	12	21.2	553	21.2
40 to 44	2	19.1	40	9.7	57	40.4	203	19.2	0	0	163	18.4	8	16.4	473	18.4
45 to 49	2	17	27	7	57	36.3	190	19.5	1	9.9	167	16.5	7	15.4	451	17.4
50 to 54	1	7.3	19	5.1	71	41.7	105	12.4	3	29.2	158	13.3	6	13.4	363	13.7
55 to 59	1	7.3	8	2.3	38	23.6	66	9.6	2	22.4	89	7.1	2	4.9	206	8.2
60 to 64	0	0	4	1.3	27	21.4	26	5.1	0	0	53	4.6	3	9.7	113	5.3
65 to 74	0	0	4	0.9	12	7.5	24	4	0	0	34	2	2	5.2	76	3.2
≥ 75	0	0	1	0.3	5	4.5	2	0.5	0	0	7	0.5	0	0	15	0.8
Gender																
Male	12	14	288	11.8	694	62.7	1,943	25.4	13	18.3	1,314	17.6	97	18.9	4,361	22.5
Female	4	4.6	23	0.8	167	14.8	197	2.6	2	2.8	113	1.5	16	3	522	2.7
Transgender: Male-to-Female	1	-	4	-	21	-	26	-	0	-	6	-	2	-	60	-
Transgender: Female-to-Male	0	-	0	-	1	-	1	-	0	-	3	-	0	-	5	-
Total	17	9.8	315	6.1	883	39.5	2,167	14.3	15	10.5	1,436	9.6	115	11	4,948	12.7

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 S1b. Persons newly diagnosed with HIV infection, by race/ethnicity and transmission category, 2015—California

Transmission category	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latino		Native Hawaiian/Other 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 (MSM)	9	69.2%	246	84.5%	474	66.4%	1,483	75.3%	10	76.9%	977	74.1%	74	74.7%	3,273	74.1%
Injection drug use (IDU)	0	0.0%	4	1.4%	21	2.9%	39	2.0%	0	0.0%	68	5.2%	2	2.0%	134	3.0%
MSM and IDU	1	7.7%	4	1.4%	15	2.1%	49	2.5%	0	0.0%	82	6.2%	5	5.1%	156	3.5%
High-risk heterosexual contact (HRH)	0	0.0%	5	1.7%	34	4.8%	38	1.9%	1	7.7%	21	1.6%	4	4.0%	103	2.3%
Heterosexual contact (Non-HRH)	0	0.0%	13	4.5%	71	9.9%	159	8.1%	2	15.4%	68	5.2%	6	6.1%	319	7.2%
Unknown risk	3	23.1%	19	6.5%	99	13.9%	201	10.2%	0	0.0%	103	7.8%	8	8.1%	433	9.8%
Subtotal	13		291		714		1,969		13		1,319		99		4,418	
Female adult or adolescent (≥12 years old at diagnosis)																
Injection drug use (IDU)	1	25.0%	1	4.3%	13	7.8%	13	6.6%	1	50.0%	26	22.6%	4	26.7%	59	11.3%
High-risk heterosexual contact (HRH)	1	25.0%	10	43.5%	50	30.1%	85	43.1%	0	0.0%	43	37.4%	5	33.3%	194	37.2%
Heterosexual contact (Non-HRH)	1	25.0%	11	47.8%	81	48.8%	74	37.6%	1	50.0%	41	35.7%	6	40.0%	215	41.2%
Unknown risk	1	25.0%	1	4.3%	22	13.3%	25	12.7%	0	0.0%	5	4.3%	0	0.0%	54	10.3%
Subtotal	4		23		166		197		2		115		15		522	
Child (<12 years old at diagnosis)																
Perinatal	0		1		3		1		0		2		1		8	
Total	17		315		883		2,167		15		1,436		115		4,948	

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., MSM, IDU). Heterosexual contact (non-high-risk; Non-HRH): 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, 2015—California

Characteristic	American Indian/Alaska Native		Asian		Black/African American		Hispanic/Latino		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	14	2.1	46	14.8	34	1.1	1	4.7	29	1.8	6	2	130	2.1
12 to 14	0	0	2	1.2	26	31.5	24	3.1	0	0	10	2.4	5	7.9	67	4.4
15 to 17	0	0	5	3	40	44.4	60	7.7	0	0	13	3	1	1.6	119	7.7
18 to 19	1	21.3	13	10.2	74	113.3	120	22.6	1	24.2	36	11.2	5	12.1	250	22.9
20 to 24	12	91.5	148	44.4	745	393.3	1,384	101.1	5	41.5	554	62.7	90	91.1	2,939	101.4
25 to 29	22	178	364	105.5	1,790	1,020.8	3,148	254.6	27	217.2	1,621	180.2	228	291.6	7,200	261
30 to 34	33	287	501	129	1,934	1,267.7	4,540	384.8	30	253.4	2,529	262.4	295	436.5	9,862	355.3
35 to 39	39	367	601	154.6	1,791	1,242.1	5,562	501.6	42	400.1	2,951	333.7	298	526.5	11,284	433.3
40 to 44	36	345	756	184	2,119	1,500.3	6,033	570.6	46	465.9	4,204	473.9	336	687	13,530	527.4
45 to 49	77	654	817	213	3,171	2,017	7,524	771	32	315.7	7,823	771.7	449	986.6	19,894	765.8
50 to 54	88	645	689	184.2	3,971	2,333.2	7,050	835.6	41	398.8	11,584	975.5	449	1,001.2	23,872	902.8
55 to 59	49	359	449	126.5	3,221	2,001.5	4,488	654	20	223.9	9,230	738.1	337	831.7	17,795	707.4
60 to 64	25	219	310	99	2,034	1,610.8	2,439	478.8	20	292.7	6,121	531.3	200	645.1	11,151	518.7
65 to 74	17	110	248	58.1	1,432	893.2	1,681	280.3	7	82.5	5,201	299.5	142	368.7	8,730	365.6
≥ 75	1	10.4	44	13.8	201	182.8	393	98.4	2	41.1	936	70.1	15	33.4	1,592	86.3
Gender																
Male	330	384	4,259	174.4	17,114	1,546.8	38,489	502.3	232	327.4	48,878	654.4	2,455	477.9	111,763	577.6
Female	62	71.3	621	22.9	4,993	441.9	5,272	70.2	35	48.8	3,743	49.9	342	64.9	15,069	77.1
Transgender: Male-to-Female	8	-	81	-	475	-	700	-	7	-	208	-	58	-	1,537	-
Transgender: Female-to-Male	0	-	0	-	13	-	15	-	0	-	13	-	1	-	42	-
Alternative Gender	0	-	0	-	0	-	4	-	0	-	0	-	0	-	4	-
Total	400	231	4,961	96.2	22,595	1,010.3	44,480	293.2	274	192.1	52,842	352.9	2,856	274.4	128,415	330.1

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 S2b. Persons living with diagnosed HIV infection, by race/ethnicity and transmission category, 2015—California

Transmission category	American Indian/ Alaska Native		Asian		Black/ African American		Hispanic/ Latino		Native Hawaiian/ Other 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 (MSM)	224	66.3%	3,513	81.1%	11,218	63.9%	29,231	74.6%	191	80.3%	39,339	80.2%	1,836	73.1%	85,554	75.5%
Injection drug use (IDU)	32	9.5%	76	1.8%	1,465	8.3%	1,652	4.2%	6	2.5%	1,931	3.9%	102	4.1%	5,264	4.6%
MSM and IDU	52	15.4%	164	3.8%	1,483	8.4%	2,364	6.0%	21	8.8%	4,705	9.6%	338	13.5%	9,128	8.1%
High-risk heterosexual contact (HRH)	8	2.4%	154	3.6%	1,118	6.4%	1,398	3.6%	4	1.7%	842	1.7%	71	2.8%	3,597	3.2%
Heterosexual contact (Non-HRH)	5	1.5%	214	4.9%	1,079	6.1%	2,102	5.4%	10	4.2%	826	1.7%	55	2.2%	4,291	3.8%
Perinatal	1	0.3%	7	0.2%	99	0.6%	118	0.3%	0	0.0%	48	0.1%	15	0.6%	288	0.3%
Unknown risk	16	4.7%	184	4.2%	1,074	6.1%	2,234	5.7%	5	2.1%	1,265	2.6%	91	3.6%	4,870	4.3%
Other	0	0.0%	22	0.5%	32	0.2%	78	0.2%	1	0.4%	118	0.2%	3	0.1%	254	0.2%
Subtotal	338		4,334		17,568		39,177		238		49,074		2,511		113,246	
Female adult or adolescent (≥12 years old at diagnosis)																
Injection drug use (IDU)	24	38.7%	33	5.4%	939	18.9%	597	11.3%	7	20.0%	1,097	29.3%	88	26.0%	2,785	18.5%
High-risk heterosexual contact (HRH)	23	37.1%	387	63.1%	2,424	48.7%	2,980	56.6%	19	54.3%	1,869	50.0%	160	47.2%	7,862	52.3%
Heterosexual contact (Non-HRH)	10	16.1%	138	22.5%	1,147	23.0%	1,139	21.6%	7	20.0%	519	13.9%	60	17.7%	3,020	20.1%
Perinatal	2	3.2%	6	1.0%	117	2.3%	143	2.7%	0	0.0%	55	1.5%	9	2.7%	333	2.2%
Unknown risk	1	1.6%	38	6.2%	323	6.5%	363	6.9%	2	5.7%	153	4.1%	17	5.0%	897	6.0%
Other	2	3.2%	11	1.8%	31	0.6%	47	0.9%	0	0.0%	46	1.2%	5	1.5%	142	0.9%
Subtotal	62		613		4,981		5,269		35		3,739		339		15,039	
Child (<12 years old at diagnosis)																
Perinatal	0	0.0%	9	64.3%	41	89.1%	31	91.2%	1	100.0%	23	79.3%	6	100.0%	111	85.4%
Unknown risk	0	0.0%	5	35.7%	5	10.9%	2	5.9%	0	0.0%	6	20.7%	0	0.0%	18	13.8%
Other	0	0.0%	0	0.0%	0	0.0%	1	2.9%	0	0.0%	0	0.0%	0	0.0%	1	1.0%
Subtotal	0		14		46		34		1		29		6		130	
Total	400		4,961		22,595		44,480		274		52,842		2,856		128,415	

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., MSM, IDU). Heterosexual contact (non-high-risk; Non-HRH): 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/NativeHawaiian/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 S3a. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and selected demographic characteristics, 2011–2015—California

Characteristic	2011			2012			2013			2014			2015		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Age at diagnosis (years)															
0 to 11	36	0.1%	0.6	33	0.0%	0.5	28	0.0%	0.5	27	0.0%	0.4	21	0.0%	0.3
12 to 14	27	0.0%	1.8	23	0.0%	1.5	19	0.0%	1.2	13	0.0%	0.9	17	0.0%	1.1
15 to 17	74	0.1%	4.5	54	0.1%	3.4	46	0.1%	2.9	35	0.1%	2.3	26	0.0%	1.7
18 to 19	92	0.1%	7.9	93	0.1%	8.1	80	0.1%	7.1	52	0.1%	4.7	41	0.1%	3.8
20 to 24	613	0.9%	21.9	612	0.9%	21.6	587	0.9%	20.4	537	0.8%	18.5	480	0.7%	16.6
25 to 29	1,764	2.6%	63.9	1,716	2.5%	62.6	1,692	2.5%	61.8	1,606	2.4%	58.5	1,505	2.2%	54.5
30 to 34	3,302	4.9%	125.4	3,236	4.7%	120.7	3,147	4.6%	115.4	3,036	4.5%	109.9	2,933	4.3%	105.7
35 to 39	5,206	7.7%	206.4	4,897	7.2%	194.5	4,652	6.8%	184	4,452	6.5%	174.2	4,277	6.3%	164.2
40 to 44	10,042	14.8%	381	9,216	13.5%	348.7	8,276	12.0%	314.6	7,273	10.7%	279.3	6,419	9.4%	250.2
45 to 49	14,753	21.8%	558.1	14,047	20.5%	537.5	13,322	19.3%	515.6	12,175	17.9%	472.9	11,243	16.5%	432.8
50 to 54	13,260	19.6%	509.4	13,941	20.4%	531	14,540	21.1%	550.6	14,870	21.8%	559.9	14,813	21.8%	560.2
55 to 59	9,058	13.4%	395.4	9,902	14.5%	419.6	10,538	15.3%	435.9	10,901	16.0%	442.1	11,600	17.0%	461.1
60 to 64	5,322	7.9%	275.3	5,852	8.6%	297.2	6,402	9.3%	317.5	6,932	10.2%	333.2	7,453	11.0%	346.7
65 to 74	3,524	5.2%	182.7	4,082	6.0%	200.6	4,701	6.8%	217.8	5,303	7.8%	223.1	6,065	8.9%	254
≥ 75	622	0.9%	36	717	1.0%	40.8	833	1.2%	46.5	978	1.4%	53.9	1,152	1.7%	62.4
Race/ethnicity															
Hispanic/Latino	23,151	34.2%	162.2	23,757	34.7%	164	24,277	35.3%	165.2	24,552	36.0%	164.4	24,853	36.5%	163.8
American Indian/Alaska Native	210	0.3%	125.2	209	0.3%	123.8	208	0.3%	122.2	201	0.3%	117.1	200	0.3%	115.6
Asian	2,180	3.2%	44.8	2,292	3.3%	46.6	2,378	3.5%	47.6	2,425	3.6%	47.7	2,482	3.6%	48.1
Black/African American	11,861	17.5%	538.4	12,018	17.6%	544	12,073	17.5%	545	11,954	17.5%	537	11,832	17.4%	529.1
Native Hawaiian/Other Pacific Islander	129	0.2%	95.3	132	0.2%	96.4	131	0.2%	94.4	132	0.2%	93.9	135	0.2%	94.7
White	28,789	42.5%	191.8	28,637	41.9%	190.8	28,417	41.3%	189.5	27,553	40.4%	184	27,182	39.9%	181.5
Multiple races	1,368	2.0%	144.9	1,369	2.0%	141.3	1,372	2.0%	138	1,366	2.0%	134.4	1,354	2.0%	130.1
Unknown	7	0.0%	0	7	0.0%	0	7	0.0%	0	7	0.0%	0	7	0.0%	0
Gender															
Male	59,176	87.4%	313.2	59,804	87.4%	314	60,191	87.4%	313.6	59,522	87.3%	307.3	59,316	87.2%	303.5
Female	7,718	11.4%	20.5	7,798	11.4%	20.6	7,846	11.4%	20.5	7,844	11.5%	20.3	7,896	11.6%	20.3
Transgender: Male-to-Female	779	1.2%	-	797	1.2%	-	806	1.2%	-	804	1.2%	-	814	1.2%	-
Transgender: Female-to-Male	20	0.0%	-	20	0.0%	-	18	0.0%	-	18	0.0%	-	18	0.0%	-
Alternative gender identity	2	0.0%	-	2	0.0%	-	2	0.0%	-	2	0.0%	-	1	0.0%	-
Total	67,695			68,421			68,863			68,190			68,045		

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, 2011–2015—California

Transmission category	2011		2012		2013		2014		2015	
	N	%	N	%	N	%	N	%	N	%
Male adult or adolescent (≥12 years old at diagnosis)										
Male-to-male sexual contact (MSM)	43,339	72.3%	43,947	72.5%	44,290	72.6%	43,748	72.5%	43,646	72.6%
Injection drug use (IDU)	3,838	6.4%	3,776	6.2%	3,721	6.1%	3,656	6.1%	3,578	6.0%
MSM and IDU	6,196	10.3%	6,105	10.1%	5,996	9.8%	5,766	9.6%	5,621	9.3%
High-risk heterosexual contact (HRH)	2,253	3.8%	2,269	3.7%	2,307	3.8%	2,334	3.9%	2,340	3.9%
Heterosexual contact (Non-HRH)	2,057	3.4%	2,166	3.6%	2,258	3.7%	2,341	3.9%	2,403	4.0%
Perinatal	156	0.3%	158	0.3%	158	0.3%	158	0.3%	161	0.3%
Unknown risk	1,861	3.1%	1,938	3.2%	2,027	3.3%	2,086	3.5%	2,157	3.6%
Other	241	0.4%	232	0.4%	230	0.4%	225	0.4%	214	0.4%
Subtotal	59,941		60,591		60,987		60,314		60,120	
Female adult or adolescent (≥12 years old at diagnosis)										
Injection drug use	1,880	24.4%	1,850	23.7%	1,811	23.1%	1,767	22.5%	1,732	21.9%
High-risk heterosexual contact (HRH)	4,221	54.7%	4,258	54.6%	4,299	54.8%	4,285	54.6%	4,310	54.5%
Heterosexual contact (Non-HRH)	1,042	13.5%	1,103	14.1%	1,140	14.5%	1,193	15.2%	1,253	15.9%
Perinatal	150	1.9%	150	1.9%	155	2.0%	158	2.0%	165	2.1%
Unknown risk	297	3.8%	310	4.0%	317	4.0%	323	4.1%	325	4.1%
Other	128	1.7%	126	1.6%	126	1.6%	123	1.6%	119	1.5%
Subtotal	7,718		7,797		7,848		7,849		7,904	
Child (<12 years old at diagnosis)										
Perinatal	36	100.0%	33	100.0%	28	100.0%	25	92.6%	19	90.5%
Unknown risk	0	0.0%	0	0.0%	0	0.0%	1	3.7%	1	4.8%
Other	0	0.0%	0	0.0%	0	0.0%	1	3.7%	1	4.8%
Subtotal	36		33		28		27		21	
Total	67,695		68,421		68,863		68,190		68,045	

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., MSM, IDU). Heterosexual contact (non-high-risk; Non-HRH): 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.

Supplemental Tables to the California HIV Surveillance Report — 2015

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2011–2015—California

County of residence	2011			2012			2013			2014			2015		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,589	5.3%	235.2	3,659	5.3%	234	3,667	5.3%	234.6	3,685	5.4%	232.9	3,639	5.3%	227.5
Alpine	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Amador	33	0.0%	86.8	33	0.0%	89.3	30	0.0%	81.2	27	0.0%	72.9	25	0.0%	67.2
Butte	130	0.2%	58.9	127	0.2%	57.2	127	0.2%	57.2	133	0.2%	59.2	130	0.2%	57.4
Calaveras	18	0.0%	39.7	19	0.0%	42	17	0.0%	37.6	21	0.0%	46.1	23	0.0%	50.1
Colusa	2	0.0%	9.2	3	0.0%	13.6	3	0.0%	13.6	3	0.0%	13.5	2	0.0%	8.9
Contra Costa	1,262	1.9%	119	1,298	1.9%	120	1,335	1.9%	123.4	1,342	2.0%	122.5	1,322	1.9%	119.2
Del Norte	15	0.0%	52	15	0.0%	52.6	14	0.0%	49.1	13	0.0%	45.7	13	0.0%	45.5
El Dorado	74	0.1%	40.8	73	0.1%	39.7	75	0.1%	40.7	80	0.1%	43.4	76	0.1%	41.1
Fresno	872	1.3%	92.7	941	1.4%	98.2	974	1.4%	101.6	980	1.4%	101.1	982	1.4%	100
Glenn	6	0.0%	21.1	6	0.0%	21	6	0.0%	21	5	0.0%	17.3	6	0.0%	20.6
Humboldt	92	0.1%	67.3	86	0.1%	63	85	0.1%	62.3	89	0.1%	65.1	98	0.1%	71.4
Imperial	140	0.2%	78.9	143	0.2%	79.7	142	0.2%	79.2	143	0.2%	78.1	146	0.2%	77.8
Inyo	9	0.0%	47.4	10	0.0%	52	9	0.0%	46.8	13	0.0%	67.6	12	0.0%	62.2
Kern	968	1.4%	113.5	919	1.3%	105.7	870	1.3%	100	854	1.3%	97.2	872	1.3%	97.5
Kings	92	0.1%	60	92	0.1%	60.3	97	0.1%	63.6	109	0.2%	71	119	0.2%	76.7
Lake	74	0.1%	114.2	70	0.1%	108.1	74	0.1%	114.2	82	0.1%	125.3	102	0.1%	154
Lassen	17	0.0%	48.6	15	0.0%	42.9	16	0.0%	45.8	14	0.0%	40	14	0.0%	39.8
Los Angeles	25,362	37.5%	257.2	25,993	38.0%	259.6	26,554	38.6%	265.2	26,607	39.0%	263.9	26,303	38.7%	259.2
Madera	88	0.1%	57.8	89	0.1%	58	90	0.1%	58.7	100	0.1%	64.6	100	0.1%	63.4
Marin	526	0.8%	206.6	491	0.7%	191.6	485	0.7%	189.3	540	0.8%	209.5	505	0.7%	195.1
Mariposa	11	0.0%	60.7	17	0.0%	93.9	15	0.0%	82.9	14	0.0%	77.4	14	0.0%	77.1
Mendocino	78	0.1%	88.1	108	0.2%	121.4	102	0.1%	114.7	111	0.2%	125	106	0.2%	119.3
Merced	99	0.1%	38.1	109	0.2%	41.4	110	0.2%	41.8	107	0.2%	40.2	111	0.2%	41.2
Modoc	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Mono	5	0.0%	34.6	4	0.0%	27.8	2	0.0%	13.9	0	0.0%	0	4	0.0%	27.5
Monterey	433	0.6%	103.1	423	0.6%	99.7	422	0.6%	99.5	439	0.6%	102.9	432	0.6%	100.6
Napa	125	0.2%	90.4	128	0.2%	91.5	130	0.2%	93	133	0.2%	94.2	174	0.3%	122.3
Nevada	50	0.1%	50.5	54	0.1%	54.9	56	0.1%	57	55	0.1%	55.9	61	0.1%	61.8
Orange	3,864	5.7%	126.9	3,840	5.6%	124	3,791	5.5%	122.4	3,806	5.6%	121.8	3,726	5.5%	118.3
Placer	107	0.2%	30	114	0.2%	31.2	119	0.2%	32.6	116	0.2%	31.4	117	0.2%	31.3
Plumas	3	0.0%	14.9	3	0.0%	15.4	3	0.0%	15.4	3	0.0%	15.5	5	0.0%	25.8
Riverside	3,033	4.5%	136.5	3,039	4.4%	134.2	3,098	4.5%	136.8	3,109	4.6%	135.5	3,442	5.1%	148.1
Sacramento	1,904	2.8%	133	1,894	2.8%	130.8	1,916	2.8%	132.3	1,894	2.8%	129.6	1,830	2.7%	124
San Benito	24	0.0%	42.7	23	0.0%	40.1	22	0.0%	38.4	20	0.0%	34.4	20	0.0%	33.9
San Bernardino	1,774	2.6%	86.4	1,776	2.6%	85.6	1,771	2.6%	85.3	1,799	2.6%	85.8	1,800	2.6%	85
San Diego	6,617	9.8%	211.2	6,651	9.7%	208.9	6,685	9.7%	210	6,723	9.9%	209.2	6,679	9.8%	205.8
San Francisco	8,607	12.7%	1054.6	8,558	12.5%	1026.4	8,328	12.1%	998.8	7,394	10.8%	879.8	7,505	11.0%	884.4
San Joaquin	642	0.9%	92.6	629	0.9%	89.4	673	1.0%	95.6	717	1.1%	100.4	731	1.1%	101
San Luis Obispo	405	0.6%	150	389	0.6%	143.2	385	0.6%	141.7	353	0.5%	129.3	310	0.5%	113
San Mateo	900	1.3%	123.7	905	1.3%	122	898	1.3%	121	892	1.3%	119.4	868	1.3%	115.3
Santa Barbara	346	0.5%	81.1	340	0.5%	78.5	339	0.5%	78.3	351	0.5%	80.5	351	0.5%	79.9
Santa Clara	2,189	3.2%	121.2	2,218	3.2%	119.9	2,198	3.2%	118.8	2,160	3.2%	115.4	2,084	3.1%	110.2
Santa Cruz	246	0.4%	92.5	240	0.4%	88.4	237	0.3%	87.3	241	0.4%	88.5	251	0.4%	91.7
Shasta	105	0.2%	58.9	110	0.2%	61.6	111	0.2%	62.2	109	0.2%	60.8	105	0.2%	58.3
Sierra	0	0.0%	0	0	0.0%	0	0	0.0%	0	1	0.0%	30.6	1	0.0%	30.7
Siskiyou	18	0.0%	39.9	21	0.0%	46.4	21	0.0%	46.4	23	0.0%	50.8	30	0.0%	66.1
Solano	681	1.0%	164.1	674	1.0%	158.9	674	1.0%	158.9	670	1.0%	156.3	682	1.0%	157.5
Sonoma	827	1.2%	169.6	811	1.2%	164.5	815	1.2%	165.3	807	1.2%	162.3	786	1.2%	156.8
Stanislaus	336	0.5%	64.8	333	0.5%	63.2	333	0.5%	63.2	348	0.5%	65.4	364	0.5%	67.6
Sutter	34	0.1%	35.7	36	0.1%	37	37	0.1%	38	38	0.1%	39.1	38	0.1%	38.8
Tehama	21	0.0%	32.9	23	0.0%	35.7	25	0.0%	38.8	24	0.0%	37	22	0.0%	33.7
Trinity	10	0.0%	72.4	10	0.0%	72.6	9	0.0%	65.3	10	0.0%	72.6	11	0.0%	79.6
Tulare	157	0.2%	35	167	0.2%	36.6	176	0.3%	38.6	187	0.3%	40.5	199	0.3%	42.6
Tuolumne	21	0.0%	37.7	22	0.0%	40.1	21	0.0%	38.3	22	0.0%	40.3	20	0.0%	36.6
Ventura	530	0.8%	63.8	528	0.8%	62.9	525	0.8%	62.5	525	0.8%	62.1	527	0.8%	62
Yolo	101	0.1%	49.8	116	0.2%	56.1	119	0.2%	57.6	121	0.2%	58.2	122	0.2%	58.2
Yuba	23	0.0%	31.5	26	0.0%	35.3	27	0.0%	36.7	28	0.0%	37.7	28	0.0%	37.3
Total	67,695			68,421			68,863			68,190			68,045		
Berkeley	257	1.0%	223.1	266	0.4%	229.2	267	0.4%	227.4	269	0.4%	226.2	276	0.4%	230.2
Long Beach	2,894	4.3%	614.8	2,850	4.2%	597.5	2,857	4.1%	595.6	2,789	4.1%	578.9	2,725	4.0%	561.9
Pasadena	309	0.5%	221.5	301	0.4%	216.2	302	0.4%	216.2	314	0.5%	224.6	323	0.5%	229

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, 2015—California

Characteristic	American Indian/ Alaska Native		Asian		Black/ African American		Hispanic/ Latino		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	1	0.2	6	1.9	10	0.3	1	4.7	2	0.1	1	0.3	21	0.3
12 to 14	0	0.0	1	0.6	5	6.1	7	0.9	0	0.0	1	0.2	3	4.7	17	1.1
15 to 17	0	0.0	1	0.6	8	8.9	15	1.9	0	0.0	2	0.5	0	0.0	26	1.7
18 to 19	0	0.0	2	1.6	18	27.6	17	3.2	0	0.0	4	1.2	0	0.0	41	3.8
20 to 24	3	22.9	19	5.7	148	78.1	232	16.9	2	16.6	61	6.9	14	14.2	480	16.6
25 to 29	3	24.3	58	16.8	409	233.2	722	58.4	5	40.2	259	28.8	49	62.7	1,505	54.5
30 to 34	11	95.6	146	37.6	550	360.5	1,590	134.8	10	84.5	538	55.8	88	130.2	2,933	105.7
35 to 39	12	112.9	223	57.3	658	456.3	2,435	219.6	15	142.9	831	94.0	103	182.0	4,277	164.2
40 to 44	15	143.6	342	83.3	993	703.1	3,330	315.0	18	182.3	1,557	175.5	164	335.3	6,419	250.2
45 to 49	39	331.3	483	125.9	1,824	1,160.2	4,798	491.7	20	197.3	3,843	379.1	235	516.4	11,243	432.8
50 to 54	58	425.0	457	122.2	2,525	1,483.6	5,018	594.8	25	243.2	6,469	544.7	261	582.0	14,813	560.2
55 to 59	34	249.3	309	87.1	2,150	1,336.0	3,262	475.4	17	190.3	5,627	450.0	200	493.6	11,600	461.1
60 to 64	15	131.4	218	69.6	1,367	1,082.6	1,813	355.9	14	204.9	3,899	338.5	125	403.2	7,453	346.7
65 to 74	9	58.2	190	44.5	1,025	639.3	1,288	214.8	6	70.7	3,444	198.3	101	262.2	6,065	254.0
≥ 75	1	10.4	32	10.0	146	132.8	316	79.2	2	41.1	645	48.3	10	37.7	1,152	62.4
Gender																
Male	165	192.0	2,102	86.1	8,936	807.7	21,642	282.5	115	162.3	25,182	337.1	1,168	227.4	59,316	306.5
Female	33	37.9	335	12.3	2,642	233.8	2,816	37.5	16	22.3	1,896	25.3	157	29.8	7,896	40.4
Transgender: Male-to-Female	2	-	45	-	249	-	385	-	4	-	100	-	29	-	814	-
Transgender: Female-to-Male	0	-	0	-	5	-	9	-	0	-	4	-	0	-	18	-
Alternative Gender	0	-	0	-	0	-	1	-	0	-	0	-	0	-	1	-
Total	200	115.6	2,482	48.1	11,832	529.1	24,853	163.8	135	94.7	27,182	181.5	1,354	130.1	68,045	174.9

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 S4b. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by race/ethnicity and transmission category, 2015—California

Transmission category	American Indian/ Alaska Native		Asian		Black/ African American		Hispanic/ Latino		Native Hawaiian/ Other 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 (MSM)	99	59.3%	1,647	76.7%	5,447	59.3%	15,672	71.2%	89	75.4%	19,875	78.6%	815	68.3%	43,646	72.6%
Injection drug use (IDU)	24	14.4%	43	2.0%	1,007	11.0%	1,201	5.5%	2	1.7%	1,230	4.9%	71	5.9%	3,578	6.0%
MSM and IDU	30	18.0%	106	4.9%	989	10.8%	1,540	7.0%	13	11.0%	2,747	10.9%	195	16.3%	5,621	9.3%
High-risk heterosexual contact (HRH)	5	3.0%	105	4.9%	684	7.4%	1,028	4.7%	3	2.5%	474	1.9%	39	3.3%	2,340	3.9%
Heterosexual contact (Non-HRH)	3	1.8%	133	6.2%	532	5.8%	1,294	5.9%	6	5.1%	405	1.6%	30	2.5%	2,403	4.0%
Perinatal	1	0.6%	5	0.2%	46	0.5%	74	0.3%	-	0.0%	27	0.1%	8	0.5%	161	0.3%
Unknown risk	5	3.0%	86	4.0%	451	4.9%	1,146	5.2%	4	3.4%	429	1.7%	35	2.9%	2,157	3.6%
Other	0	0.0%	21	1.0%	27	0.3%	68	0.3%	1	0.8%	94	0.4%	3	0.3%	214	0.4%
Subtotal	167		2,146		9,183		22,023		118		25,281		1,196		60,120	
Female adult or adolescent (≥12 years old at diagnosis)																
Injection drug use (IDU)	13	39.4%	20	6.0%	626	23.7%	378	13.4%	4	25.0%	647	34.1%	44	28.0%	1,732	21.9%
High-risk heterosexual contact (HRH)	12	36.4%	224	66.9%	1,345	50.9%	1,684	59.7%	8	50.0%	965	50.8%	72	45.9%	4,310	54.5%
Heterosexual contact (Non-HRH)	4	12.1%	63	18.8%	464	17.6%	494	17.5%	4	25.0%	196	10.3%	28	17.8%	1,253	15.9%
Perinatal	2	6.1%	3	0.9%	68	2.6%	70	2.5%	0	0.0%	17	0.9%	4	2.5%	165	2.1%
Unknown risk	0	0.0%	16	4.8%	116	4.4%	152	5.4%	0	0.0%	36	1.9%	5	3.2%	325	4.1%
Other	2	6.1%	9	2.7%	24	0.9%	42	1.5%	0	0.0%	38	2.0%	4	2.5%	119	1.5%
Subtotal	33		335		2,643		2,820		16		1,899		157		7,904	
Child (<12 years old at diagnosis)																
Perinatal	0	0.0%	1	100.0%	6	100.0%	8	80.0%	1	100.0%	2	100.0%	1	100.0%	19	90.5%
Unknown risk	0	0.0%	0	0.0%	0	0.0%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	1	4.8%
Other	0	0.0%	0	0.0%	0	0.0%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	1	4.8%
Subtotal	0		1		6		10		1		2		1		21	
Total	200		2,482		11,832		24,853		135		27,182		1,354		68,045	

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., MSM, IDU). Heterosexual contact (non-high-risk: Non-HRH): 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.

Technical Notes on the Supplemental Tables

The information presented in this report is based on HIV surveillance data reported to the OA through March 16, 2017 — over 14 months after the end of the last calendar year included in this report, 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 March 16, 2017. Otherwise individuals were classified according to their sex-at-birth.

Race and ethnicity: Hispanic/Latino(a) 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 (MSM) and injection drug use

(IDU), MSM 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 male-to-male sexual contact (MSM); 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 injection drug use (IDU). Persons whose transmission category is classified as high-risk heterosexual (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., MSM, IDU). The transmission category heterosexual contact non-high-risk (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 MSM. 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, December 2014). 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, 2011-2016, with 2010 Census Benchmark. Sacramento, California, May 2016. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.