



Supplemental Tables to the California HIV Surveillance Report — 2018

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Table S1a. Persons newly diagnosed with HIV infection by race/ethnicity, and selected demographic characteristics, 2018—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 (in years)	0 to 11	0	0.0	0	0.0	2	0.6	1	0.0	0	0.0	2	0.1	0	0.0	5	0.1
	12 to 14	0	0.0	0	0.0	1	1.2	1	0.1	0	0.0	0	0.0	0	0.0	2	0.1
	15 to 17	0	0.0	1	0.6	5	5.3	17	2.2	0	0.0	4	0.9	2	3.2	29	1.8
	18 to 19	2	38.9	9	6.8	32	41.8	62	11.2	1	22.9	20	5.5	8	17.6	134	11.4
	20 to 24	2	15.6	28	8.3	159	85.8	407	27.9	3	26.9	136	15.3	19	16.1	754	25.0
	25 to 29	1	8.6	57	18.5	196	113.3	508	42.2	4	35.7	193	23.4	24	29.9	983	37.6
	30 to 34	3	27.9	52	15.1	132	86.3	389	35.0	4	36.6	179	19.8	19	27.8	778	29.9
	35 to 39	2	18.4	31	8.0	74	49.5	288	25.2	2	18.0	149	15.5	13	20.1	559	20.5
	40 to 44	2	20.2	34	8.8	60	43.6	170	15.9	0	0.0	110	12.8	9	17.3	385	15.3
	45 to 49	3	27.5	25	6.1	73	48.1	180	17.4	2	19.9	119	12.2	6	12.4	408	15.5
	50 to 54	2	17.2	10	2.7	42	26.4	117	12.8	0	0.0	85	8.1	5	11.5	261	10.2
	55 to 59	0	0.0	6	1.7	35	21.4	59	7.7	1	10.1	108	8.8	8	18.8	217	8.4
	60 to 64	0	0.0	9	2.7	24	17.3	32	5.3	0	0.0	45	3.7	4	11.5	114	4.9
	65 to 74	0	0.0	9	1.8	20	11.0	35	4.8	0	0.0	29	1.5	6	13.6	99	2.9
	≥ 75	0	0.0	3	0.8	2	1.7	6	1.3	0	0.0	8	0.6	0	0.0	19	0.8
Gender	Cisgender men	12	14.1	244	9.8	677	60.3	2,027	25.8	17	23.9	1,044	13.7	98	18.6	4,119	20.8
	Cisgender women	1	1.1	26	0.9	170	14.7	210	2.7	0	0.0	128	1.7	22	4.0	557	2.8
	Transgender women	4	-	4	-	8	-	33	-	0	-	9	-	3	-	61	-
	Transgender men	0	-	0	-	2	-	2	-	0	-	6	-	0	-	10	-
	Alternative Gender Identity	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-
Total		17	9.9	274	5.2	857	37.6	2,272	14.5	17	11.8	1,187	7.8	123	11.5	4,747	11.9

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated.

Table S1b. Persons newly diagnosed with HIV infection, by race/ethnicity and transmission category, 2018—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	%
Cisgender men (age ≥12 at diagnosis)	Male-to-male sexual contact (MMSC)	11	91.7%	197	80.7%	438	64.8%	1,512	74.6%	11	64.7%	706	67.8%	72	73.5%	2,947	71.6%
	Injection drug use (IDU)	0	0.0%	0	0.0%	22	3.3%	65	3.2%	0	0.0%	61	5.9%	7	7.1%	155	3.8%
	MMSC and IDU	0	0.0%	4	1.6%	14	2.1%	77	3.8%	0	0.0%	75	7.2%	6	6.1%	176	4.3%
	High-risk heterosexual contact	0	0.0%	12	4.9%	22	3.3%	37	1.8%	0	0.0%	31	3.0%	1	1.0%	103	2.5%
	Heterosexual contact (non-high-risk)	1	8.3%	10	4.1%	89	13.2%	166	8.2%	2	11.8%	89	8.5%	6	6.1%	363	8.8%
	Perinatal/Unknown risk/Other	0	0.0%	21	8.6%	91	13.5%	170	8.4%	4	23.5%	80	7.7%	6	6.1%	372	9.0%
Subtotal		12		244		676		2,027		17		1,042		98		4,116	
Cisgender women (age ≥12 at diagnosis)	Injection drug use	0	0.0%	0	0.0%	12	7.1%	20	9.6%	0	0.0%	36	28.1%	3	13.6%	71	12.8%
	High-risk heterosexual contact	1	100.0%	11	42.3%	47	27.8%	79	37.8%	0	0.0%	29	22.7%	6	27.3%	173	31.2%
	Heterosexual contact (non-high-risk)	0	0.0%	13	50.0%	86	50.9%	91	43.5%	0	0.0%	55	43.0%	11	50.0%	256	46.1%
	Perinatal/Unknown risk/Other	0	0.0%	2	7.7%	24	14.2%	19	9.1%	0	0.0%	8	6.3%	2	9.1%	55	9.9%
Subtotal		1		26		169		209		0		128		22		555	
Transgender Women (age ≥12 at diagnosis)	Sexual contact	4	100.0%	4	100.0%	8	100.0%	30	90.9%	0	0.0%	9	100.0%	3	100.0%	58	95.1%
	Injection drug use (IDU)	0	0.0%	0	0.0%	0	0.0%	1	3.0%	0	0.0%	0	0.0%	0	0.0%	1	1.6%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	2	6.1%	0	0.0%	0	0.0%	0	0.0%	2	3.3%
Subtotal		4		4		8		33		0		9		3		61	
Transgender Men (age ≥12 at diagnosis)	Sexual contact	0	0.0%	0	0.0%	1	50.0%	1	50.0%	0	0.0%	5	83.3%	0	0.0%	7	70.0%
	Injection drug use	0	0.0%	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	1	10.0%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	1	16.7%	0	0.0%	2	20.0%
Subtotal		0		0		2		2		0		6		0		10	
Child (age <12 at diagnosis)	Perinatal	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%	2	100.0%	0	0.0%	3	60.0%
	Unknown risk	0	0.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	40.0%
	Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Subtotal		0		0		2		1		0		2		0		5
Total		17		274		857		2,272		17		1,187		123		4,747	

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, 2018—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 year end (years)	0 to 11	0	0.0	9	1.3	31	9.9	29	1.0	0	0.0	20	1.1	11	4.1	100	1.7
	12 to 14	0	0.0	8	4.8	25	30.5	16	2.0	1	19.1	11	2.6	2	2.8	63	4.1
	15 to 17	0	0.0	5	2.9	34	36.0	43	5.4	0	0.0	15	3.3	6	9.6	103	6.5
	18 to 19	2	38.9	14	10.6	57	74.4	111	20.1	1	22.9	32	8.9	13	28.6	230	19.5
	20 to 24	7	54.6	129	38.4	728	392.7	1,403	96.1	6	53.9	485	54.6	92	77.9	2,851	94.7
	25 to 29	15	128.8	421	136.3	1,837	1,062.3	3,681	306.1	27	241.1	1,548	187.5	353	439.2	7,882	301.6
	30 to 34	32	297.5	609	176.4	2,338	1,527.7	5,117	459.8	32	292.7	2,583	286.0	410	600.2	11,121	427.1
	35 to 39	35	321.3	655	168.8	2,095	1,400.7	6,002	525.5	41	368.0	3,109	323.1	468	722.1	12,405	454.6
	40 to 44	32	322.5	753	196.0	1,935	1,407.2	6,118	573.2	25	252.5	3,385	394.1	463	890.8	12,711	504.4
	45 to 49	54	495.8	867	213.0	2,498	1,645.8	7,168	694.6	41	408.5	5,577	573.4	551	1,140.8	16,756	636.5
	50 to 54	63	543.0	803	219.0	3,472	2,184.9	8,029	880.3	34	346.2	8,945	848.0	657	1,514.1	22,004	860.4
	55 to 59	60	454.6	534	148.8	3,506	2,145.3	6,075	792.3	20	202.6	10,651	871.7	592	1,389.5	21,438	832.0
	60 to 64	33	275.3	395	118.5	2,530	1,821.5	3,508	581.8	19	235.5	7,348	610.2	375	1,073.5	14,208	608.7
	65 to 74	21	122.0	372	75.2	2,004	1,106.1	2,584	354.2	10	96.5	6,984	357.7	310	702.4	12,287	358.3
	≥ 75	4	39.5	67	18.1	323	274.6	569	124.0	2	32.4	1,393	96.1	49	191.8	2,407	98.7
Gender	Cisgender men	292	342.3	4,871	195.6	17,789	1,585.5	43,759	556.0	217	305.0	48,073	630.6	3,704	702.3	118,708	599.9
	Cisgender women	56	64.3	680	24.8	5,077	439.8	5,772	74.5	35	48.3	3,763	49.0	553	101.6	15,937	79.5
	Transgender women	10	-	90	-	529	-	893	-	7	-	231	-	91	-	1,851	-
	Transgender women	0	-	0	-	18	-	23	-	0	-	19	-	3	-	63	-
	Alternative Gender Identity	0	-	0	-	0	-	6	-	0	-	0	-	1	-	7	-
Total	358	207.7	5,641	107.7	23,413	1,028.6	50,453	323.1	259	180.3	52,086	340.3	4,352	406.1	136,566	342.9	

Note: Rates are per 100,000 population. Dash (—) indicates rates not calculated due to unknown population denominators. Until 2003, Asian/Native Hawaiian/Pacific Islander was classified as a single category; therefore persons with race/ethnicity data only available prior to 2003 are classified as Asian because they cannot be disaggregated. There were four persons diagnosed and living with HIV in California with an unknown race/ethnicity.

Table S2b. Persons living with diagnosed HIV infection, by race/ethnicity and transmission category, 2018—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	%
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	202	69.2%	3,972	81.6%	11,741	66.1%	33,522	76.6%	171	78.8%	38,624	80.4%	2,850	77.0%	91,083	76.8%
	Injection drug use (IDU)	26	8.9%	83	1.7%	1,311	7.4%	1,722	3.9%	6	2.8%	1,807	3.8%	133	3.6%	5,088	4.3%
	MMSC and IDU	43	14.7%	163	3.3%	1,277	7.2%	2,489	5.7%	13	6.0%	4,499	9.4%	380	10.3%	8,864	7.5%
	High-risk heterosexual contact	5	1.7%	175	3.6%	1,082	6.1%	1,463	3.3%	2	0.9%	839	1.7%	92	2.5%	3,660	3.1%
	Heterosexual contact (non-high-risk)	4	1.4%	232	4.8%	1,144	6.4%	2,259	5.2%	14	6.5%	912	1.9%	96	2.6%	4,661	3.9%
	Perinatal/Unknown risk/Other	12	4.1%	243	5.0%	1,219	6.9%	2,288	5.2%	11	5.1%	1,384	2.9%	149	4.0%	5,306	4.5%
	Subtotal		292	83.9%	4,868	87.8%	17,774	77.8%	43,743	88.4%	217	86.1%	48,065	92.8%	3,700	87.1%	118,662
Cisgender women (age ≥12 at year end)	Injection drug use	24	42.9%	26	3.9%	833	16.5%	643	11.2%	6	17.1%	1,075	28.7%	112	20.5%	2,719	17.1%
	High-risk heterosexual contact	21	37.5%	411	61.0%	2,414	47.7%	3,168	55.0%	18	51.4%	1,809	48.2%	243	44.5%	8,084	50.9%
	Heterosexual contact (non-high-risk)	8	14.3%	169	25.1%	1,310	25.9%	1,351	23.5%	10	28.6%	591	15.8%	138	25.3%	3,577	22.5%
	Perinatal/Unknown risk/Other	3	5.4%	68	10.1%	504	10.0%	597	10.4%	1	2.9%	276	7.4%	53	9.7%	1,503	9.5%
	Subtotal	56	16.1%	674	12.2%	5,061	22.2%	5,759	11.6%	35	13.9%	3,751	7.2%	546	12.9%	15,883	11.8%
Transgender women (age ≥12 at year end)	Sexual contact	9	90.0%	89	98.9%	515	97.4%	874	97.9%	7	100.0%	226	97.8%	87	95.6%	1,807	97.6%
	Injection drug use (IDU)	0	0.0%	0	0.0%	3	0.6%	4	0.4%	0	0.0%	1	0.4%	1	1.1%	9	0.5%
	Perinatal/Unknown risk/Other	1	10.0%	1	1.1%	11	2.1%	15	1.7%	0	0.0%	4	1.7%	3	3.3%	35	1.9%
	Subtotal	10	100.0%	90	100.0%	529	96.7%	893	97.5%	7	100.0%	231	92.4%	91	96.8%	1,851	96.7%
Transgender men (age ≥12 at year end)	Sexual contact	0	0.0%	0	0.0%	11	61.1%	18	78.3%	0	0.0%	15	78.9%	1	33.3%	45	71.4%
	Injection drug use	0	0.0%	0	0.0%	4	22.2%	2	8.7%	0	0.0%	3	15.8%	2	66.7%	11	17.5%
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	3	16.7%	3	13.0%	0	0.0%	1	5.3%	0	0.0%	7	11.1%
	Subtotal	0	0.0%	0	0.0%	18	3.3%	23	2.5%	0	0.0%	19	7.6%	3	3.2%	63	3.3%
Alternative gender (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%	1	100.0%	7	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%
	Subtotal	0	0.0%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	1	100.0%	7	100.0%
Child (age <12 at year end)	Perinatal	0	0.0%	7	77.8%	24	77.4%	25	86.2%	0	0.0%	17	85.0%	11	100.0%	84	84.0%
	Unknown risk	0	0.0%	2	22.2%	7	22.6%	3	10.3%	0	0.0%	2	10.0%	0	0.0%	14	14.0%
	Other	0	0.0%	0	0.0%	0	0.0%	1	3.4%	0	0.0%	1	5.0%	0	0.0%	2	2.0%
	Subtotal	0	0.0%	9	100.0%	31	100.0%	29	100.0%	0	0.0%	20	100.0%	11	100.0%	100	100.0%
Total		358		5,641		23,413		50,453		259		52,086		4,352		136,566	

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, 2014–2018 — California

Characteristic	2014			2015			2016			2017			2018				
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate		
Age at year end (in years)	0 to11	30	0.0%	0.5	23	0.0%	0.4	22	0.0%	0.4	19	0.0%	0.3	19	0.0%	0.3	
	12 to 14	13	0.0%	0.8	18	0.0%	1.2	17	0.0%	1.1	15	0.0%	1.0	9	0.0%	0.6	
	15 to 17	36	0.1%	2.2	27	0.0%	1.7	23	0.0%	1.4	13	0.0%	0.8	18	0.0%	1.1	
	18 to 19	54	0.1%	4.4	42	0.1%	3.5	30	0.0%	2.5	35	0.1%	3.0	23	0.0%	2.0	
	20 to 24	545	0.8%	18.3	492	0.7%	16.3	457	0.7%	15.0	388	0.6%	12.8	350	0.5%	11.6	
	25 to 29	1,640	2.4%	64.4	1,542	2.3%	61.5	1,506	2.2%	60.0	1,431	2.1%	56.2	1,322	2.0%	50.6	
	30 to 34	3,066	4.5%	110.3	2,974	4.4%	107.5	2,867	4.2%	105.1	2,762	4.1%	103.3	2,702	4.0%	103.8	
	35 to 39	4,463	6.6%	175.6	4,305	6.4%	166.7	4,296	6.3%	163.4	4,204	6.2%	156.7	4,053	6.1%	148.5	
	40 to 44	7,239	10.7%	276.8	6,412	9.5%	249.4	5,873	8.7%	232.1	5,491	8.1%	217.9	5,211	7.8%	206.8	
	45 to 49	12,054	17.8%	465.8	11,156	16.5%	427.1	10,249	15.1%	388.6	9,366	13.9%	353.7	8,318	12.4%	316.0	
	50 to 54	14,687	21.7%	552.9	14,638	21.7%	553.5	14,190	20.9%	543.2	13,417	19.9%	518.6	12,638	18.9%	494.2	
	55 to 59	10,758	15.9%	437.1	11,444	17.0%	455.8	12,216	18.0%	480.4	12,783	18.9%	498.5	13,186	19.7%	511.8	
	60 to 64	6,818	10.1%	327.4	7,329	10.9%	340.9	8,057	11.9%	363.5	8,783	13.0%	384.9	9,203	13.8%	394.2	
	65 to 74	5,209	7.7%	181.7	5,951	8.8%	196.9	6,641	9.8%	210.0	7,371	10.9%	223.2	8,156	12.2%	237.8	
	≥ 75	954	1.4%	44.1	1,118	1.7%	50.3	1,302	1.9%	57.1	1,489	2.2%	63.2	1,679	2.5%	68.8	
	Race/ethnicity	Hispanic/Latinx	24,824	36.7%	166.3	25,157	37.3%	166.4	25,610	37.8%	167.5	25,938	38.4%	167.7	26,126	39.1%	167.3
		American Indian/Alaska Native	164	0.2%	96.9	162	0.2%	95.2	166	0.2%	97.1	167	0.2%	97.2	161	0.2%	93.4
Asian		2,308	3.4%	45.6	2,372	3.5%	46.4	2,425	3.6%	47.1	2,494	3.7%	48.0	2,532	3.8%	48.3	
Black/African American		11,507	17.0%	512.7	11,385	16.9%	505.1	11,366	16.8%	502.7	11,304	16.7%	498.0	11,176	16.7%	491.0	
Native Hawaiian/Other Pacific Islander		108	0.2%	77.6	109	0.2%	77.5	113	0.2%	79.8	111	0.2%	77.7	111	0.2%	77.3	
White		26,636	39.4%	174.9	26,271	38.9%	172.1	26,056	38.5%	170.6	25,579	37.9%	167.1	24,840	37.1%	162.3	
Multiple races		2,015	3.0%	202.3	2,011	3.0%	197.9	2,006	3.0%	193.9	1,970	2.9%	187.0	1,937	2.9%	180.7	
Unknown race		4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	4	0.0%	-	
Gender	Cisgender men	58,884	87.2%	305.4	58,711	87.0%	302.1	58,937	87.0%	301.4	58,728	86.9%	298.3	58,072	86.8%	293.4	
	Cisgender women	7,804	11.6%	40.1	7,870	11.7%	40.1	7,913	11.7%	40.0	7,932	11.7%	39.8	7,910	11.8%	39.5	
	Transgender women	857	1.3%	-	870	1.3%	-	876	1.3%	-	886	1.3%	-	885	1.3%	-	
	Transgender women	18	0.0%	-	18	0.0%	-	18	0.0%	-	19	0.0%	-	19	0.0%	-	
	Alternative Gender Identity	3	0.0%	-	2	0.0%	-	2	0.0%	-	2	0.0%	-	1	0.0%	-	
Total	67,566		174.3	67,471		172.7	67,746		172.3	67,567		170.6	66,887		168.0		

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, 2014–2018 — California

Demographic group	Transmission category	2014	%	2015	%	2016	%	2017	%	2018	%
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	43,319	73.6%	43,244	73.7%	43,431	73.7%	43,269	73.7%	42,812	73.7%
	Injection drug use (IDU)	3,574	6.1%	3,501	6.0%	3,440	5.8%	3,388	5.8%	3,300	5.7%
	MMSC and IDU	5,654	9.6%	5,507	9.4%	5,447	9.2%	5,323	9.1%	5,155	8.9%
	High-risk heterosexual contact	2,272	3.9%	2,284	3.9%	2,289	3.9%	2,273	3.9%	2,262	3.9%
	Heterosexual contact (non-high-risk)	2,053	3.5%	2,121	3.6%	2,226	3.8%	2,310	3.9%	2,344	4.0%
	Perinatal/Unknown risk/Other	1,998	3.4%	2,043	3.5%	2,092	3.6%	2,153	3.7%	2,187	3.8%
	Subtotal	58,870	88.3%	58,700	88.2%	58,925	88.2%	58,716	88.1%	58,060	88.0%
Cisgender women (age ≥12 at year end)	Injection drug use	1,770	22.7%	1,732	22.0%	1,699	21.5%	1,668	21.0%	1,613	20.4%
	High-risk heterosexual contact	4,253	54.6%	4,285	54.5%	4,297	54.4%	4,303	54.3%	4,285	54.2%
	Heterosexual contact (non-high-risk)	1,179	15.1%	1,242	15.8%	1,282	16.2%	1,324	16.7%	1,363	17.2%
	Perinatal/Unknown risk/Other	586	7.5%	599	7.6%	625	7.9%	630	7.9%	642	8.1%
	Subtotal	7,788	11.7%	7,858	11.8%	7,903	11.8%	7,925	11.9%	7,903	12.0%
Transgender women (age ≥12 at year end)	Transgender sexual contact	848	98.9%	861	99.0%	867	99.0%	875	98.8%	873	98.6%
	Injection drug use (IDU)	7	0.8%	7	0.8%	6	0.7%	6	0.7%	7	0.8%
	Perinatal/Unknown risk/Other	2	0.2%	2	0.2%	3	0.3%	5	0.6%	5	0.6%
	Subtotal	857	97.9%	870	98.0%	876	98.0%	886	97.9%	885	97.9%
Transgender men (age ≥12 at year end)	Transgender sexual contact	13	72.2%	12	66.7%	12	66.7%	13	68.4%	14	73.7%
	Injection drug use	4	22.2%	5	27.8%	5	27.8%	5	26.3%	4	21.1%
	Perinatal/Unknown risk/Other	1	5.6%	1	5.6%	1	5.6%	1	5.3%	1	5.3%
	Subtotal	18	2.1%	18	2.0%	18	2.0%	19	2.1%	19	2.1%
Alternative gender (age ≥12 at year end)	Sexual contact	2	66.7%	1	50.0%	1	50.0%	1	50.0%	1	100.0%
	Injection drug use	1	33.3%	1	50.0%	1	50.0%	1	50.0%	0	0.0%
	Subtotal	3	100.0%	2	100.0%	2	100.0%	2	100.0%	1	100.0%
Child (age <12 at year end)	Perinatal	26	86.7%	20	87.0%	19	86.4%	16	84.2%	14	73.7%
	Unknown risk	3	10.0%	2	8.7%	2	9.1%	2	10.5%	4	21.1%
	Other	1	3.3%	1	4.3%	1	4.5%	1	5.3%	1	5.3%
	Subtotal	30	100.0%	23	100.0%	22	100.0%	19	100.0%	19	100.0%
Total		67,566		67,471		67,746		67,567		66,887	

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.

Table S3c. Persons living with diagnosed HIV infection ever classified as stage 3 (AIDS), by year and local health jurisdiction, 2014–2018 — California

County of current residence	2014			2015			2016			2017			2018		
	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate	N	%	Rate
Alameda	3,625	5.4%	226.4	3,580	5.3%	220.8	3,492	5.2%	213.2	3,456	5.1%	209.3	3,363	5.0%	202.3
Alpine	0	0.0%	0.0	0	0.0%	0.0	2	0.0%	173.8	2	0.0%	174.5	2	0.0%	175.3
Amador	25	0.0%	68.7	39	0.1%	107.2	92	0.1%	249.6	106	0.2%	283.4	102	0.2%	268.0
Butte	128	0.2%	57.1	127	0.2%	56.6	145	0.2%	64.4	150	0.2%	66.2	152	0.2%	66.7
Calaveras	19	0.0%	42.2	22	0.0%	49.0	28	0.0%	62.6	26	0.0%	58.2	28	0.0%	62.7
Colusa	3	0.0%	13.5	2	0.0%	9.0	2	0.0%	8.9	4	0.0%	17.7	6	0.0%	26.4
Contra Costa	1,332	2.0%	120.6	1,333	2.0%	119.2	1,426	2.1%	126.2	1,387	2.1%	121.9	1,401	2.1%	122.3
Del Norte	11	0.0%	40.4	12	0.0%	44.2	11	0.0%	40.8	10	0.0%	37.3	11	0.0%	40.3
El Dorado	82	0.1%	44.9	80	0.1%	43.6	96	0.1%	52.1	102	0.2%	54.7	110	0.2%	58.2
Fresno	944	1.4%	97.4	956	1.4%	97.5	987	1.5%	99.8	1,017	1.5%	101.7	1,026	1.5%	101.5
Glenn	5	0.0%	17.3	6	0.0%	20.7	11	0.0%	37.8	12	0.0%	41.1	12	0.0%	40.9
Humboldt	87	0.1%	64.5	96	0.1%	71.0	106	0.2%	78.0	100	0.1%	73.6	99	0.1%	73.0
Imperial	144	0.2%	78.7	149	0.2%	80.5	164	0.2%	87.9	173	0.3%	92.0	175	0.3%	92.4
Inyo	13	0.0%	69.7	12	0.0%	64.4	14	0.0%	75.2	12	0.0%	64.6	10	0.0%	54.0
Kern	846	1.3%	96.5	855	1.3%	96.7	821	1.2%	92.4	845	1.3%	94.1	871	1.3%	96.0
Kings	88	0.1%	58.8	85	0.1%	56.7	92	0.1%	61.6	90	0.1%	59.6	94	0.1%	61.2
Lake	70	0.1%	107.4	87	0.1%	134.1	91	0.1%	140.9	94	0.1%	144.8	96	0.1%	147.3
Lassen	13	0.0%	40.8	12	0.0%	38.7	10	0.0%	32.7	9	0.0%	29.4	7	0.0%	22.9
Los Angeles	26,581	39.3%	262.5	26,168	38.8%	257.0	25,460	37.6%	249.2	25,226	37.3%	245.8	25,002	37.4%	243.2
Madera	103	0.2%	66.9	101	0.1%	65.3	101	0.1%	65.0	102	0.2%	65.0	102	0.2%	64.5
Marin	534	0.8%	204.5	495	0.7%	189.2	464	0.7%	176.8	445	0.7%	169.8	446	0.7%	170.1
Mariposa	13	0.0%	71.7	13	0.0%	71.9	12	0.0%	66.4	12	0.0%	66.7	13	0.0%	72.6
Mendocino	109	0.2%	123.2	105	0.2%	118.9	109	0.2%	122.8	104	0.2%	116.8	97	0.1%	109.0
Merced	94	0.1%	35.1	101	0.1%	37.4	135	0.2%	49.6	148	0.2%	53.5	140	0.2%	49.9
Modoc	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	0.0%	10.5
Mono	0	0.0%	0.0	4	0.0%	28.8	4	0.0%	29.0	5	0.0%	36.1	5	0.0%	36.0
Monterey	425	0.6%	98.9	419	0.6%	96.2	415	0.6%	94.4	416	0.6%	94.1	401	0.6%	90.4
Napa	101	0.1%	71.8	140	0.2%	99.1	150	0.2%	106.0	153	0.2%	108.4	149	0.2%	106.1
Nevada	52	0.1%	52.8	57	0.1%	58.0	75	0.1%	76.3	77	0.1%	78.1	77	0.1%	78.0
Orange	3,742	5.5%	119.2	3,639	5.4%	115.0	3,522	5.2%	110.7	3,491	5.2%	108.9	3,420	5.1%	106.3
Placer	125	0.2%	33.9	131	0.2%	35.3	181	0.3%	48.1	188	0.3%	49.1	194	0.3%	49.9
Plumas	3	0.0%	15.2	5	0.0%	25.5	6	0.0%	30.6	8	0.0%	40.9	7	0.0%	35.9
Riverside	3,001	4.4%	130.0	3,388	5.0%	145.1	4,119	6.1%	174.4	4,471	6.6%	186.9	4,558	6.8%	188.4
Sacramento	1,917	2.8%	130.0	1,930	2.9%	129.5	2,085	3.1%	138.5	2,075	3.1%	136.5	2,088	3.1%	136.0
San Benito	20	0.0%	34.5	19	0.0%	32.4	25	0.0%	42.0	33	0.0%	54.7	31	0.0%	50.6
San Bernardino	1,773	2.6%	83.9	1,830	2.7%	85.9	2,103	3.1%	98.0	2,152	3.2%	99.5	2,247	3.4%	103.1
San Diego	6,597	9.8%	203.0	6,548	9.7%	199.9	6,760	10.0%	205.0	6,756	10.0%	203.5	6,634	9.9%	198.4
San Francisco	7,363	10.9%	861.6	7,402	11.0%	855.8	6,887	10.2%	789.0	6,636	9.8%	753.3	6,380	9.5%	718.8
San Joaquin	695	1.0%	96.8	702	1.0%	96.4	706	1.0%	95.6	684	1.0%	91.2	685	1.0%	90.2
San Luis Obispo	344	0.5%	124.5	283	0.4%	102.2	226	0.3%	81.2	232	0.3%	83.2	184	0.3%	65.9
San Mateo	835	1.2%	110.3	823	1.2%	107.6	824	1.2%	107.2	819	1.2%	106.1	800	1.2%	103.3
Santa Barbara	343	0.5%	77.9	344	0.5%	77.4	335	0.5%	74.9	281	0.4%	62.4	282	0.4%	62.2
Santa Clara	2,178	3.2%	115.0	2,070	3.1%	107.8	1,937	2.9%	100.2	1,919	2.8%	98.6	1,871	2.8%	95.6
Santa Cruz	246	0.4%	90.4	257	0.4%	93.6	265	0.4%	96.1	266	0.4%	96.4	267	0.4%	97.0
Shasta	107	0.2%	59.7	101	0.1%	56.6	105	0.2%	59.1	111	0.2%	62.3	107	0.2%	60.0
Sierra	1	0.0%	31.5	1	0.0%	31.7	1	0.0%	31.8	1	0.0%	31.8	1	0.0%	31.7
Siskiyou	25	0.0%	55.9	32	0.0%	71.8	39	0.1%	87.8	38	0.1%	85.9	41	0.1%	93.0
Solano	684	1.0%	160.7	719	1.1%	167.4	744	1.1%	171.6	731	1.1%	167.1	720	1.1%	163.8
Sonoma	779	1.2%	156.3	797	1.2%	159.0	896	1.3%	178.0	877	1.3%	174.1	848	1.3%	169.1
Stanislaus	365	0.5%	68.6	395	0.6%	73.4	439	0.6%	80.8	451	0.7%	81.9	456	0.7%	82.2
Sutter	37	0.1%	38.2	37	0.1%	38.0	43	0.1%	43.9	49	0.1%	49.8	51	0.1%	51.7
Tehama	21	0.0%	32.8	22	0.0%	34.3	25	0.0%	38.9	27	0.0%	41.9	21	0.0%	32.5
Trinity	10	0.0%	73.4	10	0.0%	73.8	10	0.0%	74.1	10	0.0%	74.3	8	0.0%	59.7
Tulare	182	0.3%	39.6	192	0.3%	41.3	209	0.3%	44.6	217	0.3%	45.9	228	0.3%	47.8
Tuolumne	22	0.0%	40.9	19	0.0%	35.5	24	0.0%	45.0	24	0.0%	45.4	30	0.0%	56.8
Ventura	533	0.8%	62.8	543	0.8%	63.7	529	0.8%	62.0	545	0.8%	63.7	534	0.8%	62.4
Yolo	135	0.2%	64.3	137	0.2%	64.3	139	0.2%	64.1	144	0.2%	65.5	149	0.2%	67.3
Yuba	36	0.1%	48.7	39	0.1%	52.3	47	0.1%	62.3	48	0.1%	62.5	47	0.1%	60.6
Total	67,566		174.3	67,471		172.7	67,746		172.3	67,567		170.6	66,887		168.0
Berkeley city	261	0.4%	219.8	266	0.4%	220.3	263	0.4%	216.5	253	0.4%	207.4	239	0.4%	196.5
Long Beach city	2,777	4.1%	591.4	2,696	4.0%	572.8	2,572	3.8%	547.9	2,495	3.7%	533.8	2,361	3.5%	505.2
Pasadena city	313	0.5%	224.1	319	0.5%	225.9	309	0.5%	217.9	299	0.4%	210.6	302	0.5%	213.6

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, 2018—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 year end (years)	0 to11	0	0.0	1	0.1	5	1.6	8	0.3	0	0.0	2	0.1	3	1.1	19	0.3
	12 to 14	0	0.0	0	0.0	5	6.1	3	0.4	1	19.1	0	0.0	0	0.0	9	0.6
	15 to 17	0	0.0	2	1.2	3	3.2	8	1.0	0	0.0	1	0.2	4	6.4	18	1.1
	18 to 19	0	0.0	2	1.5	6	7.8	13	2.4	0	0.0	2	0.6	0	0.0	23	2.0
	20 to 24	0	0.0	14	4.2	117	63.1	170	11.6	0	0.0	37	4.2	11	9.3	350	11.6
	25 to 29	4	34.3	68	22.0	315	182.2	695	57.8	6	53.6	180	21.8	54	67.2	1,322	50.6
	30 to 34	2	18.6	126	36.5	570	372.5	1,420	127.6	7	64.0	467	51.7	110	161.0	2,702	103.8
	35 to 39	13	119.3	205	52.8	635	424.6	2,308	202.1	15	134.6	732	76.1	145	223.7	4,053	148.5
	40 to 44	11	110.8	279	72.6	768	558.5	2,892	271.0	9	90.9	1,070	124.6	182	350.2	5,211	206.8
	45 to 49	25	229.5	429	105.4	1,225	807.1	4,105	397.8	18	179.3	2,248	231.1	268	554.9	8,318	316.0
	50 to 54	34	293.1	472	128.7	2,032	1,278.7	5,276	578.4	19	193.5	4,454	422.3	350	806.6	12,638	494.2
	55 to 59	37	280.4	353	98.4	2,215	1,355.4	4,291	559.6	14	141.8	5,925	484.9	351	823.8	13,186	511.8
	60 to 64	20	166.9	271	81.3	1,689	1,216.0	2,562	424.9	13	161.1	4,422	367.2	226	647.0	9,203	394.2
	65 to 74	13	75.5	256	51.7	1,355	747.9	1,938	265.7	7	67.6	4,382	224.4	203	459.9	8,156	237.8
≥ 75	2	19.7	54	14.6	236	200.6	437	95.2	2	32.4	918	63.3	30	117.4	1,679	68.8	
Gender	Cisgender men	130	152.4	2,136	85.8	8,402	748.8	22,690	288.3	93	130.7	22,974	301.4	1,644	311.7	58,072	293.4
	Cisgender women	30	34.4	350	12.7	2,519	218.2	2,974	38.4	15	20.7	1,767	23.0	254	46.7	7,910	39.5
	Transgender women	1	-	46	-	249	-	452	-	3	-	96	-	38	-	885	-
	Transgender women	0	-	0	-	6	-	10	-	0	-	3	-	0	-	19	-
	Alternative Gender Identity	0	-	0	-	0	-	0	-	0	-	0	-	1	-	1	-
Total	161	93.4	2,532	48.3	11,176	491.0	26,126	167.3	111	77.3	24,840	162.3	1,937	180.7	66,887	168.0	

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, 2018—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
Cisgender men (age ≥12 at year end)	Male-to-male sexual contact (MMSC)	79	60.8%	1,672	78.3%	5,118	60.9%	16,645	73.4%	67	72.0%	18,037	78.5%	1,193	72.7%	42,812
	Injection drug use (IDU)	19	14.6%	45	2.1%	863	10.3%	1,178	5.2%	2	2.2%	1,108	4.8%	85	5.2%	3,300
	MMSC and IDU	25	19.2%	90	4.2%	807	9.6%	1,514	6.7%	9	9.7%	2,503	10.9%	207	12.6%	5,155
	High-risk heterosexual contact	2	1.5%	102	4.8%	655	7.8%	1,016	4.5%	1	1.1%	436	1.9%	48	2.9%	2,262
	Heterosexual contact (non-high-risk)	3	2.3%	125	5.9%	517	6.2%	1,243	5.5%	8	8.6%	403	1.8%	45	2.7%	2,344
	Perinatal/Unknown risk/Other	2	1.5%	101	4.7%	439	5.2%	1,089	4.8%	6	6.5%	486	2.1%	64	3.9%	2,187
	Subtotal		130	81.3%	2,135	85.9%	8,399	76.9%	22,685	88.4%	93	86.1%	22,973	92.9%	1,642	86.6%
Cisgender women (age ≥12 at year end)	Injection drug use	13	43.3%	20	5.7%	546	21.7%	388	13.1%	2	13.3%	590	33.4%	54	21.3%	1,613
	High-risk heterosexual contact	11	36.7%	229	65.4%	1,277	50.7%	1,749	58.9%	8	53.3%	888	50.3%	123	48.6%	4,285
	Heterosexual contact (non-high-risk)	4	13.3%	70	20.0%	479	19.0%	557	18.7%	5	33.3%	198	11.2%	50	19.8%	1,363
	Perinatal/Unknown risk/Other	2	6.7%	31	8.9%	215	8.5%	277	9.3%	0	0.0%	90	5.1%	26	10.3%	642
	Subtotal		30	18.8%	350	14.1%	2,517	23.1%	2,971	11.6%	15	13.9%	1,766	7.1%	253	13.4%
Transgender women (age ≥12 at year end)	Transgender sexual contact	1	100.0%	45	97.8%	245	98.4%	447	98.9%	3	100.0%	95	99.0%	37	97.4%	873
	Injection drug use (IDU)	0	0.0%	0	0.0%	2	0.8%	3	0.7%	0	0.0%	1	1.0%	1	2.6%	7
	Perinatal/Unknown risk/Other	0	0.0%	1	2.2%	2	0.8%	2	0.4%	0	0.0%	0	0.0%	0	0.0%	5
	Subtotal		1	100.0%	46	100.0%	249	97.6%	452	97.8%	3	100.0%	96	97.0%	38	100.0%
Transgender men (age ≥12 at year end)	Transgender sexual contact	0	0.0%	0	0.0%	5	83.3%	8	80.0%	0	0.0%	1	33.3%	0	0.0%	14
	Injection drug use	0	0.0%	0	0.0%	1	16.7%	1	10.0%	0	0.0%	2	66.7%	0	0.0%	4
	Perinatal/Unknown risk/Other	0	0.0%	0	0.0%	0	0.0%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	1
	Subtotal		0	0.0%	0	0.0%	6	2.4%	10	2.2%	0	0.0%	3	3.0%	0	0.0%
Alternative gender (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%	1	100.0%	1
	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
	Subtotal		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Child (age <12 at year end)	Perinatal	0	0.0%	1	100.0%	2	40.0%	6	75.0%	0	0.0%	2	100.0%	3	100.0%	14
	Unknown risk	0	0.0%	0	0.0%	3	60.0%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	4
	Other	0	0.0%	0	0.0%	0	0.0%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	1
	Subtotal		0	0.0%	1	100.0%	5	100.0%	8	100.0%	0	0.0%	2	100.0%	3	100.0%
Total		161		2,532		11,176		26,126		111		24,840		1,937		66,887

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 January 6, 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/ μ L), or the diagnosis of an AIDS-defining opportunistic infection or illness. This report does not include estimates of the number of persons who are infected with HIV, but not yet diagnosed. Because persons test at differing times after becoming infected, the number of persons with newly diagnosed HIV infection is not necessarily representative of persons newly infected with HIV (HIV incidence).

Please use caution when interpreting data on trends for groups with fewer than 20 cases. Small fluctuations from year to year can lead to dramatic changes in rates, which may not be indicative of changes in the epidemiology of HIV in these populations.

Age: Children refers to persons aged less than 12 years. For newly diagnosed persons, the age group is based on the date of diagnosis. For persons living with HIV, the age group is based on the age at the end of the specified calendar year. For deaths, the age group is based on the age at death.

Gender: Persons were classified as being transgender if a case report form affirming their transgender status was present in HIV surveillance data by January 6, 2020. 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.

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, May 2019). For rates at the city level we used the U.S. Census Bureau, Population Division, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2018, May 2019. Dashes (—) indicate where rates could not be calculated due to unknown population denominators.