



Overview of HIV Infection and Care in Hawaii

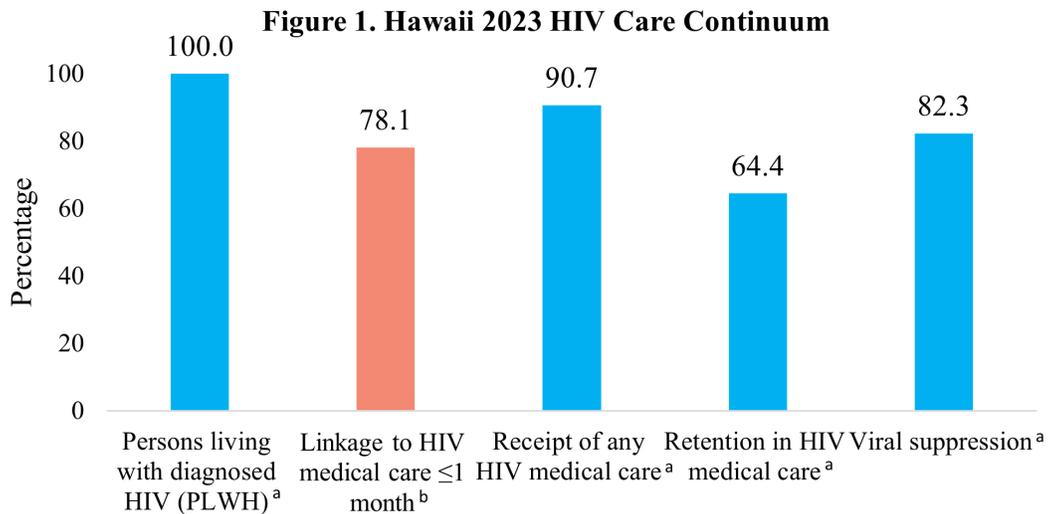
From the beginning of the epidemic through 2024, 5,175 Hawaii residents have been diagnosed with HIV, with 3,640 having a stage 3 (AIDS) diagnosis. Of those diagnosed with HIV, 2,511 have passed away since the beginning of the epidemic. The total number of Hawaii residents newly diagnosed with HIV in 2024 was 87.

HIV care continuum among persons living with diagnosed HIV infection, 2023, Hawaii

Persons with suppressed HIV viral load live longer and healthier lives than those with unsuppressed viral load. In addition, persons with suppressed viral load cannot transmit HIV to others through sex. Hawaii’s 2023 care continuum illustrates the percentage of persons living with HIV in Hawaii who: (1) were linked to HIV medical care within one month after initial HIV diagnosis; (2) received any HIV medical care; (3) were retained in HIV medical care; and (4) had a suppressed HIV viral load in 2023. The population for receiving HIV medical care and viral suppression is the 2,270 persons living with diagnosed HIV in Hawaii at year-end 2023, aged ≥13 years before 2023, and with HIV infection diagnosed before 2023. The population for linkage to HIV medical care is the 64 Hawaii residents newly diagnosed with HIV in 2023.

The HIV care continuum (Figure 1) consists of the following:

- ◆ **Linkage to HIV medical care within one month of initial diagnosis:** 78.1% (50/64). Defined as ≥1 CD4 and/or viral load test on or ≤1 month after the date of initial HIV diagnosis in 2023.
- ◆ **Receipt of HIV medical care:** 90.7% (2,058/2,270). Defined as ≥1 CD4 or viral load test in 2023.
- ◆ **Retention in HIV medical care:** 64.4% (1,463/2,270). Defined as ≥2 CD4 or viral load tests performed at least 3 months apart in 2023.
- ◆ **Viral suppression:** 82.3% (1,868/2,270). Defined as the latest viral load test in 2023 with a result of <200 copies/ml.



^a The denominator (n=2,270) refers to persons with HIV infection diagnosed through 2022 and residing in Hawaii at year-end 2023.

^b The denominator (n=64) refers to new HIV diagnoses during 2023.

Notes: Beginning with the 2018 report, data on diagnosed HIV infection reflect the date of initial HIV diagnosis, instead of the date reported to Department of Health (DOH). Similarly, data on stage 3 (AIDS) reflect the date when the criteria for stage 3 (AIDS) were met. Data included in the 2024 annual report are based on HIV infection diagnosed by December 31, 2024 and reported to DOH as of June 19, 2025. Data for 2024 are considered preliminary because of reporting delays. Due to reporting delays and time needed for death verification and case de-duplication, the Hawaii HIV care continuum reported here is for 2023, not 2024. Data for the years 2020-2022 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing, HIV care related services, and case surveillance activities in Hawaii.

Table 1. Diagnosed HIV cases (All Stages) in Hawaii, Pre-2020, Annual Counts (2020-2024), and Cumulative Total

	HIV Infection (HIV/AIDS)						
	Before 2020	2020	2021	2022	2023	2024	Cumulative
Cases by Year of Diagnosis ¹	4,816	55	70	83	64	87	5,175
Rate per 100,000 Population ²	N/A	3.8	4.8	5.8	4.4	6.0	N/A

Demographics/Risk	No.	(%)										
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S E X	Male	4,330	(90)	48	(87)	58	(83)	69	(83)	58	(91)	81	(93)	4,644	(90)
	Female	486	(10)	7	(13)	12	(17)	14	(17)	6	(9)	6	(7)	531	(10)

A G E	<13	27	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	27	(<1)
	13-14	7	(<1)	1	(2)	0	(0)	0	(0)	0	(0)	0	(0)	8	(<1)
	15-24	440	(9)	1	(2)	11	(16)	10	(12)	10	(16)	14	(16)	486	(9)
	25-34	1,658	(34)	15	(27)	20	(29)	30	(36)	28	(44)	33	(38)	1,784	(34)
	35-44	1,565	(33)	12	(22)	16	(23)	21	(25)	12	(19)	25	(29)	1,651	(32)
	45-54	789	(16)	13	(24)	12	(17)	11	(13)	4	(6)	8	(9)	837	(16)
	55-64	262	(5)	11	(20)	10	(14)	7	(8)	5	(8)	6	(7)	301	(6)
	≥65	68	(1)	2	(4)	1	(1)	4	(5)	5	(8)	1	(1)	81	(2)

R A C E³	Non-Hispanic														
	Caucasian	2,484	(52)	12	(22)	20	(29)	27	(33)	20	(31)	18	(21)	2,581	(50)
	Asian	752	(16)	15	(27)	18	(26)	19	(23)	11	(17)	19	(22)	834	(16)
	Hawaiian/PI	517	(11)	9	(16)	8	(11)	13	(16)	11	(17)	16	(18)	574	(11)
	African American	232	(5)	2	(4)	8	(11)	4	(5)	6	(9)	5	(6)	257	(5)
	Amer. Indian/Alaska Nat.	13	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	13	(<1)
	Multiple Races	398	(8)	9	(16)	5	(7)	6	(7)	7	(11)	6	(7)	431	(8)
	Hispanic	415	(9)	7	(13)	11	(16)	12	(14)	8	(13)	23	(26)	476	(9)

R I S K	Male-to-Male Sexual Contact (MSM)	3,440	(71)	26	(47)	29	(41)	37	(45)	38	(59)	56	(64)	3,626	(70)
	Injection Drug Use (IDU)	357	(7)	6	(11)	13	(19)	11	(13)	1	(2)	4	(5)	392	(8)
	MSM & IDU	351	(7)	1	(2)	1	(1)	5	(6)	4	(6)	0	(0)	362	(7)
	Heterosexual Contact	412	(9)	2	(4)	1	(1)	4	(5)	4	(6)	1	(1)	424	(8)
	Transfusion	23	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	23	(<1)
	Perinatal	18	(<1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	19	(<1)
	Hemophiliac	21	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	21	(<1)
	Undetermined	194	(4)	20	(36)	26	(37)	25	(30)	17	(27)	26	(30)	308	(6)

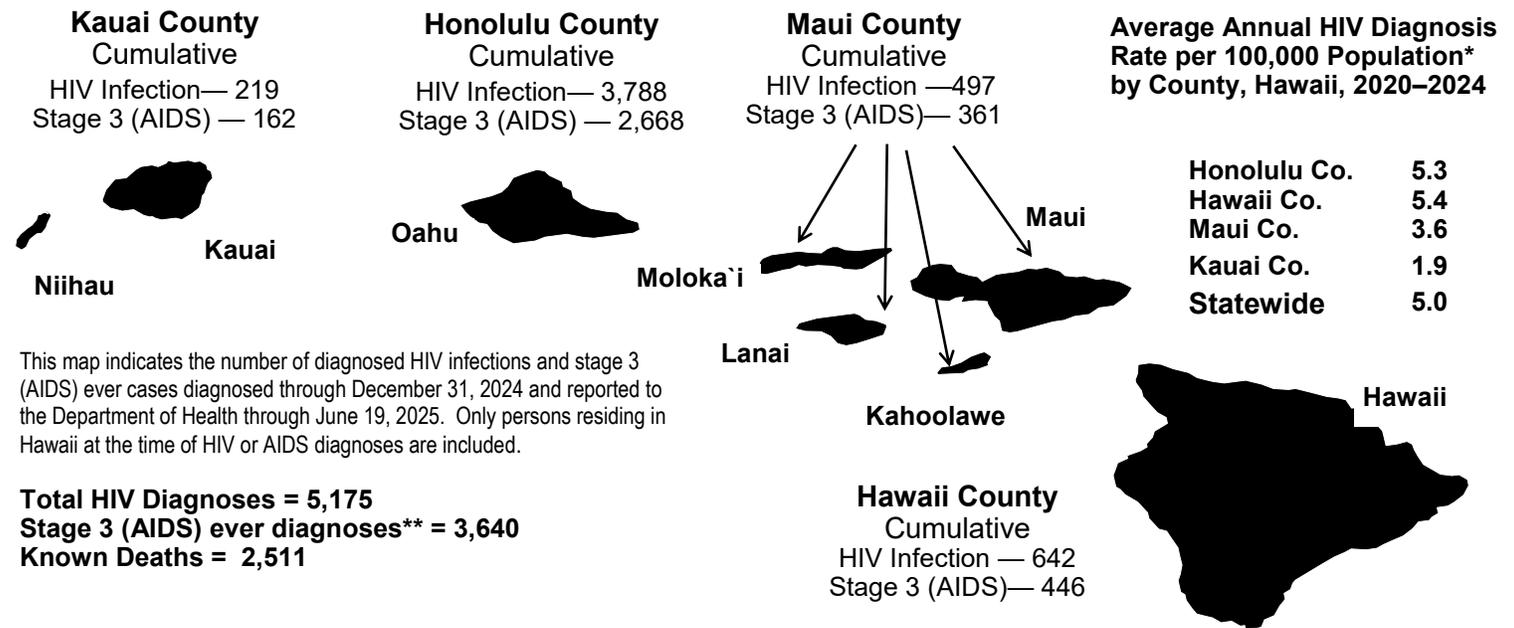
Due to rounding, percentages for each column may not add to 100.

¹The number of diagnosed HIV/AIDS cases in previous years may change each year due to the ongoing national deduplication project. Data for 2024 are considered preliminary because they are based on a 6-month reporting delay.

² Each year's estimated population is from the State of Hawaii's latest population estimate data: <http://census.hawaii.gov/home/population-estimate/>

³ There were a total of 9 cases with unknown race/ethnicity.

Fig. 2. HIV Diagnoses (All Stages) and Stage 3 (AIDS) Ever Diagnosis by County, 1983-2024, Hawaii



This map indicates the number of diagnosed HIV infections and stage 3 (AIDS) ever cases diagnosed through December 31, 2024 and reported to the Department of Health through June 19, 2025. Only persons residing in Hawaii at the time of HIV or AIDS diagnoses are included.

Table 2. HIV Diagnoses (All Stages) and Stage 3 (AIDS) Ever Diagnoses by County, 2024, Hawaii

Diagnosed Cases	Honolulu Co.		Hawaii Co.		Maui Co.		Kauai Co.		Statewide	
	No.	(% row)	No.	(% row)	No.	(% row)	No.	(% row)	No.	(% row)
HIV Infection, all stages	73	(84)	10	(12)	2	(2)	2	(2)	87	(100)
Stage 3 (AIDS) ever diagnosis	17	(85)	2	(10)	1	(5)	0	(0)	20	(100)

Table 3. HIV Diagnoses (All Stages) through 2024, by County and Selected Demographics, Hawaii

Selected Variables		Honolulu Co.		Hawaii Co.		Maui Co.		Kauai Co.		Statewide ***	
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
SEX	Male	3,400	(90)	574	(89)	450	(91)	191	(87)	4,644	(90)
	Female	388	(10)	68	(11)	47	(9)	28	(13)	531	(10)
Transgender ² (% row)		65	(90)	6	(8)	DS ³	(DS)	DS	(DS)	72	(100)
RISK	Male to Male Sex (MSM)	2,654	(70)	439	(68)	365	(73)	149	(68)	3,626	(70)
	Injection Drug Use (IDU)	284	(8)	63	(10)	23	(5)	21	(10)	392	(8)
	MSM & IDU	254	(7)	45	(7)	40	(8)	16	(7)	362	(7)
	Heterosexual Contact	309	(8)	59	(9)	36	(7)	19	(9)	424	(8)
	Transfusion	16	(<1)	DS	(DS)	DS	(DS)	DS	(DS)	23	(<1)
	Perinatal	15	(<1)	DS	(DS)	DS	(DS)	DS	(DS)	19	(<1)
	Hemophiliac	16	(<1)	DS	(DS)	DS	(DS)	DS	(DS)	21	(<1)
	Undetermined	240	(6)	28	(4)	28	(6)	11	(5)	308	(6)
Total Cases (% row)		3,788	(74)	642	(12)	497	(10)	219	(4)	5,175	(100)
Estimated 2024 Population* (% row)		998,747	(69)	209,790	(15)	163,688	(11)	73,840	(5)	1,446,146	(100)

Due to rounding, percentages of each column may not add to 100. Data for 2024 are considered preliminary because they are based on a 6-month reporting delay. *Population estimate was based on data available at <https://census.hawaii.gov/>. **Stage 3(AIDS) ever diagnosis refers to HIV infections ever classified as stage 3 (AIDS). ***A total of 29 cases missing data on county of residence at the time of HIV diagnosis were included in the state total.

¹ Sex refers to sex at birth.

² Transgender refers to a person whose gender identity or expression is different from their sex assigned at birth. The number of transgender cases is probably underreported.

³ DS: Data is suppressed if the total count at the county level is <5 with stratification.

**Table 4. Stage 3 (AIDS) Ever Cases in Hawaii,
Pre-2020, Annual Counts (2020-2024), and Cumulative Total¹**

		<u>Before 2020</u>	2020	2021	2022	2023	2024	Cumulative
Cases by Year of Diagnosis¹		3,524	24	23	25	24	20	3,640
Rate per 100,000 Population		N/A	1.7	1.6	1.7	1.7	1.4	N/A
Demographics and Risk		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
SEX	Male	3,208 (91)	23 (96)	18 (78)	21 (84)	24 (100)	18 (90)	3,312 (91)
	Female	316 (9)	1 (4)	5 (22)	4 (16)	0 (0)	2 (10)	328 (9)
AGE²	<13	17 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	17 (<1)
	13-24	31 (<1)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	32 (<1)
	25-34	465 (13)	1 (4)	1 (4)	4 (16)	2 (8)	4 (20)	477 (13)
	35-44	1,247 (35)	2 (8)	6 (26)	6 (24)	6 (25)	5 (25)	1,272 (35)
	45-54	1,108 (31)	5 (21)	9 (39)	9 (36)	5 (21)	5 (25)	1,141 (31)
	55-64	488 (14)	9 (38)	3 (13)	3 (12)	5 (21)	5 (25)	513 (14)
	≥65	168 (5)	7 (29)	4 (17)	2 (8)	6 (25)	1 (5)	188 (5)
RACE²	Caucasian	1,899 (54)	7 (29)	3 (13)	6 (24)	11 (46)	5 (25)	1,931 (53)
	Asian	544 (15)	9 (38)	9 (39)	9 (36)	4 (17)	8 (40)	583 (16)
	Hawaiian/ PI	414 (12)	2 (8)	5 (22)	4 (16)	2 (8)	2 (10)	429 (12)
	African American	158 (4)	1 (4)	0 (0)	3 (12)	4 (17)	1 (5)	167 (5)
	Amer. Indian/Alaska Nat.	7 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	7 (<1)
	Multiple Races	224 (6)	3 (13)	4 (17)	2 (8)	3 (13)	2 (10)	238 (6)
	Hispanic	278 (8)	2 (8)	2 (9)	1 (4)	0 (0)	2 (10)	285 (7)
RISK	Male-to-Male Sexual Contact (MSM)	2,524 (72)	10 (42)	9 (39)	11 (44)	16 (67)	12 (60)	2,582 (71)
	Injection Drug Use (IDU)	292 (8)	2 (8)	1 (4)	3 (12)	2 (8)	0 (0)	300 (8)
	MSM & IDU	285 (8)	2 (8)	1 (4)	2 (8)	2 (8)	0 (0)	292 (8)
	Heterosexual Contact	260 (7)	2 (8)	0 (0)	1 (4)	0 (0)	0 (0)	263 (7)
	Other/Unknown	163 (5)	8 (33)	12 (52)	8 (32)	4 (17)	8 (40)	203 (6)
COUNTY²	Honolulu	2,589 (74)	17 (71)	13 (57)	18 (72)	14 (58)	17 (85)	2,668 (73)
	Hawaii	422 (12)	6 (25)	7 (30)	2 (8)	7 (29)	2 (10)	446 (12)
	Mauai	351 (10)	1 (4)	2 (9)	4 (16)	2 (8)	1 (5)	361 (10)
	Kauai	159 (4)	0 (0)	1 (4)	1 (4)	1 (4)	0 (0)	162 (4)

¹ Due to rounding, percentages of each column may not add to 100. Persons with infection ever classified as stage 3 (AIDS) are based on residence at the time of stage 3 (AIDS) classification. Diagnosed cases in most recent years (e.g., 2024) are incomplete due to delays in reporting and the ongoing national deduplication project.

² Age refers to age in years at the time of AIDS diagnosis. Amer.Indian/Alaska Nat. refers to American Indian / Alaska Native. County refers to county of residence at the time of AIDS diagnosis. There were a total of three cases missing data on county of residence at the time of AIDS diagnosis.

Table 5. Linkage to HIV medical care and viral suppression after HIV diagnosis, by selected characteristics, 2023, Hawaii

		Diagnosed HIV infection in 2023		Linkage to HIV medical care (≥1 CD4 or viral load test) within:				Achieving viral suppression within	
				1 month		3 months		6 months	
		No.	(%) col.	No.	(%) row	No.	(%) row	No.	(%) row
Total ¹		64	(100)	50	(78.0)	56	(87.5)	33	(51.6)
S E X	Male	58	(90.6)	47	(81.0)	52	(89.7)	31	(53.5)
	Female	6	(9.4)	3	(50.0)	4	(66.7)	2	(33.3)
A G E ¹	13-24	10	(15.6)	7	(70.0)	7	(70.0)	4	(40.0)
	25-34	28	(43.8)	24	(85.7)	26	(92.9)	17	(60.7)
	35-44	12	(18.8)	10	(83.3)	11	(91.7)	5	(41.7)
	45-54	4	(6.2)	DS	(DS)	DS	(DS)	DS	(DS)
	≥55	10	(15.6)	7	(70.0)	8	(80.0)	5	(50.0)
R A C E	Caucasian	20	(31.3)	14	(70.0)	16	(80.0)	9	(45.0)
	Asian	11	(17.2)	8	(72.7)	10	(90.9)	6	(54.6)
	Hawaiian/PI	11	(17.2)	9	(81.8)	9	(81.8)	5	(45.5)
	African-American	6	(9.4)	6	(100)	6	(100)	5	(83.3)
	Hispanic, all races	8	(12.5)	6	(75.0)	8	(100)	5	(62.5)
	Multiple races	7	(10.9)	6	(85.7)	6	(85.7)	2	(28.6)
	Unknown	1	(1.6)	DS	(DS)	DS	(DS)	DS	(DS)
R I S K	Male to Male Sex (MSM)	38	(59.4)	31	(81.6)	34	(89.5)	21	(55.3)
	Injection drug use (IDU)	1	(1.6)	DS	(DS)	DS	(DS)	DS	(DS)
	MSM & IDU	4	(6.3)	DS	(DS)	DS	(DS)	DS	(DS)
	Other/Unknown	21	(32.8)	14	(66.7)	17	(81.0)	10	(47.6)
C O U N T Y	Honolulu	51	(79.7)	39	(76.5)	43	(84.3)	26	(51.0)
	Hawaii	8	(12.5)	8	(100)	8	(100)	5	(62.5)
	Maui	3	(4.7)	DS	(DS)	DS	(DS)	DS	(DS)
	Kauai	2	(3.1)	DS	(DS)	DS	(DS)	DS	(DS)

¹ Age is based on the person's age in years at the time of HIV diagnosis. Only persons residing in Hawaii and aged ≥13 years at HIV diagnosis are included.

² DS: data is suppressed if the total number of HIV diagnosis for this group is less than 5.

If you need more information, please visit the Hawaii HIV/AIDS Surveillance Program website:

<https://health.hawaii.gov/harmreduction/hiv-aids-surveillance/>

If the information you are looking for is not on the website or you have questions regarding forms, reporting requirements, or this report, please contact the Hawaii HIV/AIDS Surveillance Program by mail: 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, by phone: (808) 733-4079, by fax: (808) 733-9015, or by e-mail: hiv_aids_surveillance@doh.hawaii.gov.

Table 6. Receipt of HIV medical care and viral suppression, by selected characteristics, 2023, Hawaii

		Living with diagnosed HIV ¹		Received or Retained in HIV Medical Care				HIV Viral Load (VL) Test			
				≥ 1 CD4/VL Test		≥ 2 CD4/VL Tests (At least 3 months apart)		≥ 1 Test (All values)		Viral Suppression (VL < 200 copies/mL at latest VL test)	
		No.	(%) Column	No.	(%) Row	No.	(%) Row	No.	(%) Row	No.	(%) Row
Total		2,270	(100.0)	2,058	(90.7)	1,463	(64.5)	1,993	(87.8)	1,868	(82.3)
SEX	Male	2,032	(89.5)	1,851	(91.1)	1,314	(64.7)	1,790	(88.1)	1,686	(83.0)
	Female	238	(10.5)	207	(87.0)	149	(62.6)	203	(85.3)	182	(76.5)
AGE ²	13-24	32	(1.4)	25	(78.1)	15	(46.9)	24	(75.0)	18	(56.3)
	25-34	226	(10.0)	187	(82.7)	116	(51.3)	182	(80.5)	167	(73.9)
	35-44	365	(16.1)	321	(88.0)	202	(55.3)	311	(85.2)	286	(78.4)
	45-54	440	(19.4)	396	(90.0)	284	(64.6)	381	(86.6)	351	(79.8)
	55-64	751	(33.1)	707	(94.1)	526	(70.0)	688	(91.6)	652	(86.8)
	≥65	456	(20.1)	422	(92.5)	320	(70.2)	407	(89.3)	394	(86.4)
RACE ²	Caucasian	985	(43.4)	899	(91.3)	655	(66.5)	874	(88.7)	834	(84.7)
	Asian	386	(17.0)	349	(90.4)	246	(63.7)	341	(88.3)	326	(84.5)
	Hawaiian/PI	210	(9.3)	189	(90.0)	131	(62.4)	183	(87.1)	161	(76.7)
	African American	124	(5.5)	108	(87.1)	71	(57.3)	98	(79.0)	87	(70.2)
	Hispanic	292	(12.9)	261	(89.4)	182	(62.3)	253	(86.6)	236	(80.8)
	Multiple Races	265	(11.7)	247	(93.2)	175	(66.0)	239	(90.2)	219	(82.6)
	Unknown	7	(0.3)	4	(57.1)	3	(42.9)	4	(57.1)	4	(57.1)
RISK	Male to Male Sex (MSM)	1,635	(72.0)	1,493	(91.3)	1,069	(65.4)	1,448	(88.6)	1,382	(84.5)
	IDU	144	(6.3)	131	(91.0)	83	(57.6)	126	(87.5)	107	(74.3)
	MSM & IDU	144	(6.3)	133	(92.4)	91	(63.2)	129	(89.6)	116	(80.6)
	Heterosexual	213	(9.4)	192	(90.1)	138	(64.8)	186	(87.3)	170	(79.8)
	Unknown/Other	122	(5.4)	99	(81.2)	74	(60.7)	94	(77.1)	86	(70.5)
	Perinatal	12	(0.5)	10	(83.3)	8	(66.7)	10	(83.3)	7	(58.3)
COUNTY ²	Honolulu	1,445	(63.7)	1,311	(90.7)	949	(65.7)	1,267	(87.7)	1,171	(81.0)
	Hawaii	432	(19.0)	392	(90.7)	267	(61.8)	379	(87.7)	362	(83.8)
	Maui	319	(14.0)	292	(91.5)	202	(63.3)	284	(89.0)	277	(86.8)
	Kauai	74	(3.3)	63	(85.1)	45	(60.8)	63	(85.1)	58	(78.4)

¹Only persons aged ≥13 years at year-end 2022 with HIV infection diagnosed through 2022 and residing in Hawaii at year-end 2023 were included. A total of 99 persons were excluded because they were out of care over 10 years since HIV diagnosis as of June 19, 2025.

²Age refers to age in years at year-end 2022. A total of one American Indian /Alaska Native was excluded from the analysis. County refers to county of residence at year-end 2023.