

HIV Surveillance Report — Alaska, 1982-2019

From January 1, 1982 through December 31, 2019, 1,959 cases of human immunodeficiency virus (HIV) infection were reported to the Alaska Section of Epidemiology (SOE), including cases with an initial diagnosis in Alaska and those previously diagnosed out-of-state who are living in Alaska (Table). During 2019, 69 cases of HIV infection were reported to SOE; 27 (38%) of which were initially diagnosed in Alaska, yielding a 2019 statewide incidence rate of 4 cases per 100,000 persons. This HIV Surveillance Report contains summary data and highlights for cumulative cases reported from 1982 through 2019 (n=1,959), incident cases diagnosed in Alaska in 2019 (n=27), and persons living with HIV in Alaska as of December 31, 2019 (n=703). Additional information about HIV cases in Alaska can be found in the Epidemiologic Profile 1982–2015 (available at:

<http://dhss.alaska.gov/dph/Epi/hivstd/Documents/HIVProfile1982-2015.pdf>).

Table. Summary of Reported Cases of HIV by Select Characteristics — Alaska, 1982–2019

	1982–2019				2019			
	All Reported Cases n=1,959		Reported Cases First Diagnosed in Alaska n=1,262		All Reported Cases n=69		Reported Cases First Diagnosed in Alaska n=27	
	Male	Female	Male	Female	Male	Female	Male	Female
HIV (non–AIDS)	549	156	326	111	41	9	17	6
HIV with AIDS	1,031	223	664	161	16	3	3	1
TOTAL #	1,580	379	990	272	57	12	20	7
Age at Diagnosis in Years, #								
<14	12	13	8	6	0	0	0	0
15–24	261	70	131	43	16	2	5	1
25–34	616	132	363	96	22	4	11	2
35–44	451	93	295	66	13	3	3	1
45–54	176	50	136	42	5	1	0	1
55–64	50	18	44	16	1	2	1	2
≥65	14	3	13	3	0	0	0	0
Race/Ethnicity, #								
American Indian/ Alaska Native (AI/AN)	260	124	221	119	4	3	3	3
Asian	29	19	13	12	1	0	0	0
Black	210	63	108	33	11	3	3	2
Hispanic	155	34	83	20	6	3	3	1
Native Hawaiian/ Pacific Islander (NH/PI)	10	2	9	1	0	0	0	0
White	878	128	541	83	34	2	11	1
Multi–race (Multi)	38	9	15	4	1	1	0	0
Transmission Category, #								
Male–to–Male Sex (MSM)	1,022	*	634	*	42	*	14	*
Injection Drug Use (IDU)	140	76	92	50	2	3	1	2
MSM and IDU	160	0	75	*	4	*	1	*
Heterosexual Contact	102	263	75	196	4	7	1	5
Perinatal	7	13	4	6	0	0	0	0
Other/Not Specified	149	27	110	20	5	2	3	0
Residence at Time of Diagnosis, #								
Anchorage/Mat–Su	697	169	697	169	9	4	9	4
Gulf Coast	57	14	57	14	1	1	1	1
Interior	102	33	102	33	6	0	6	0
Northern	18	9	18	9	2	0	2	0
Southeast	62	27	62	27	0	2	0	2
Southwest	51	19	51	19	2	0	2	0
Out of State/Country	590	107	*	*	37	5	*	*
Alaska Unspecified	3	1	3	1	0	0	0	0



Cumulative Reported Cases of HIV, 1982–2019

Highlights Cumulative HIV Cases 1982–2019, n=1,959

- 1,254 (64%) ever had a diagnosis of AIDS
- 683 (35%) are known to have died
- 1,580 (81%) were male
- 1,182 (60%) were men who have sex with men (MSM) including 160 MSM/IDU; 365 (19%) were heterosexual (Hetero) and 216 (11%) were IDU
- 1,006 (51%) were White; 384 (20%) were Alaska Native/American Indian; 273 (14%) were Black
- 1,262 (64%) had an initial diagnosis in Alaska; 866 (67%) of those were living in Anchorage/Mat-Su at the time of diagnosis

Figure 1. Cumulative Reported Cases of HIV and Known Deaths by 5 Year increments, Alaska — 1982–2019

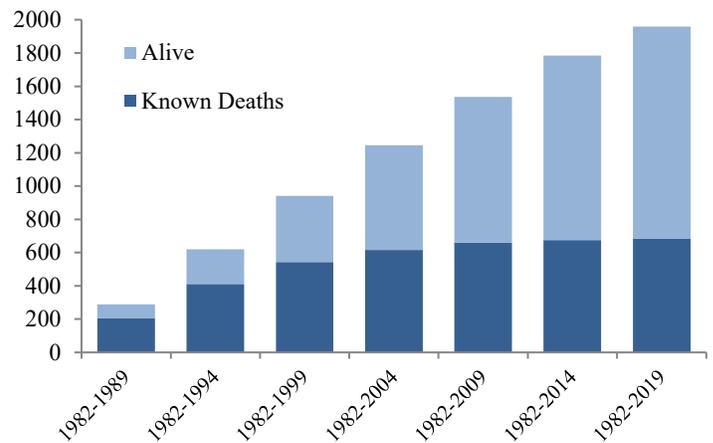


Figure 2. Cumulative Reported Cases of HIV by Age at Diagnosis and Gender at Birth, Alaska — 1982–2019

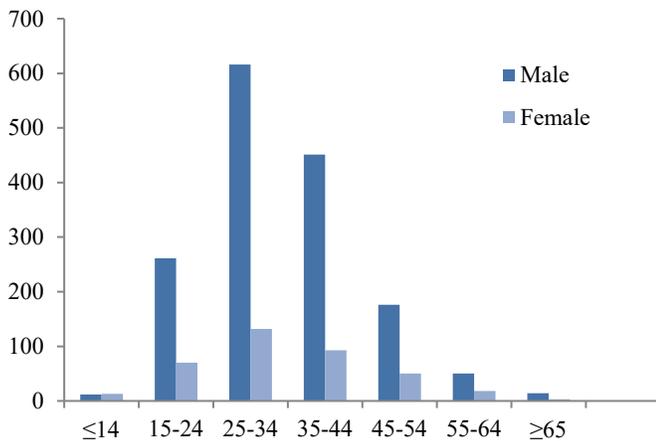


Figure 3. Cumulative Reported Cases of HIV by Race/Ethnicity and Gender at Birth, Alaska — 1982–2019

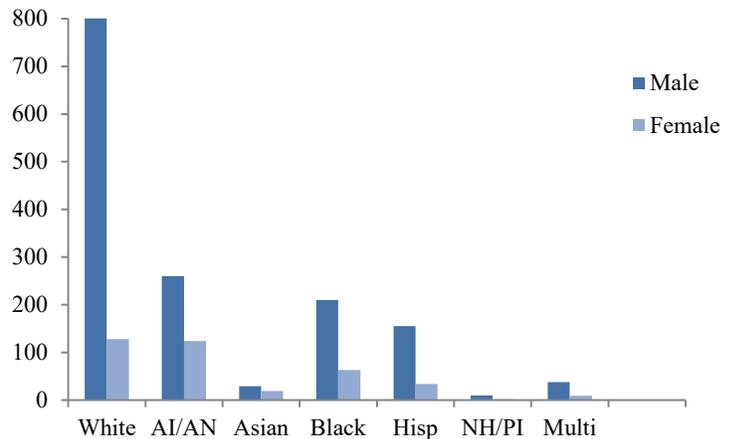


Figure 4. Cumulative Reported Cases of HIV by Transmission Category, Alaska — 1982–2019

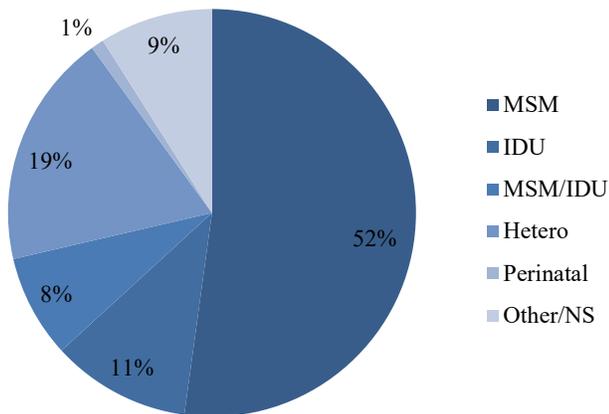
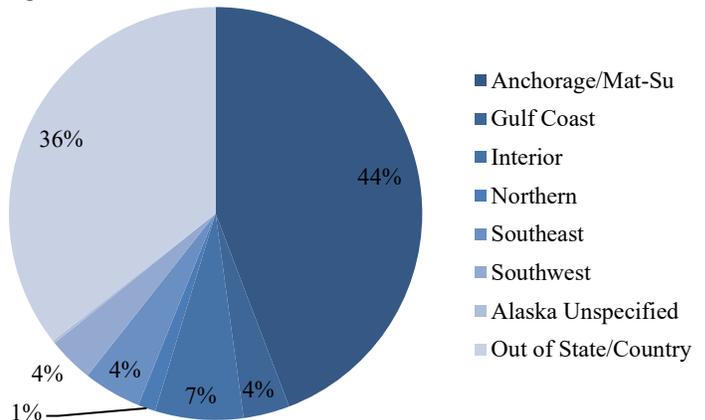


Figure 5. Cumulative Reported Cases of HIV by Residence at Diagnosis, Alaska — 1982–2019



Reported Cases of HIV Newly Diagnosed in Alaska, 2019

Highlights
Newly Diagnosed HIV Cases
2019, n=27

- 4 (15%) were also diagnosed with AIDS at the time of initial diagnosis
- One is known to have died
- 20 (74%) were male
- 14 (52%) were men who have sex with men (MSM); 6 (22%) were heterosexual; 3 (11%) were IDU; 1 (4%) was MSM/IDU
- 12 (44%) were White; 6 (22%) were Alaska Native/American Indian; 5 (19%) were Black; 4 (15%) were Hispanic
- 19 (70%) were 34 years old or younger at diagnosis
- 13 (48%) were living in Anchorage/Mat-Su at the time of diagnosis; 6 (22%) were living in the Interior

Figure 6. Reported Cases of HIV Newly Diagnosed in Alaska by Year — 2010–2019

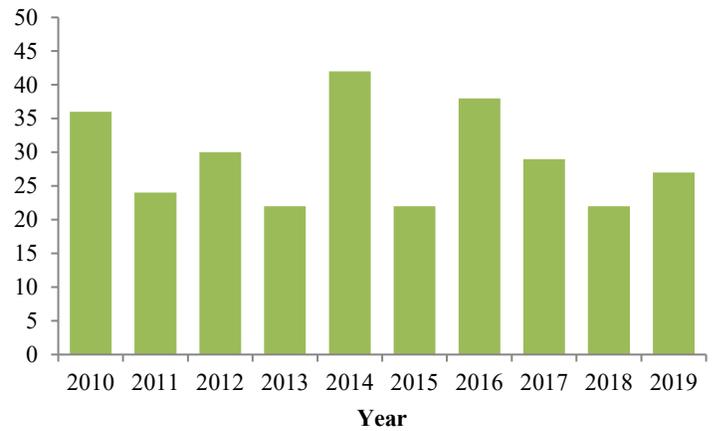


Figure 7. Reported Cases of HIV Newly Diagnosed in Alaska by Age at Diagnosis and Gender at Birth, 2019

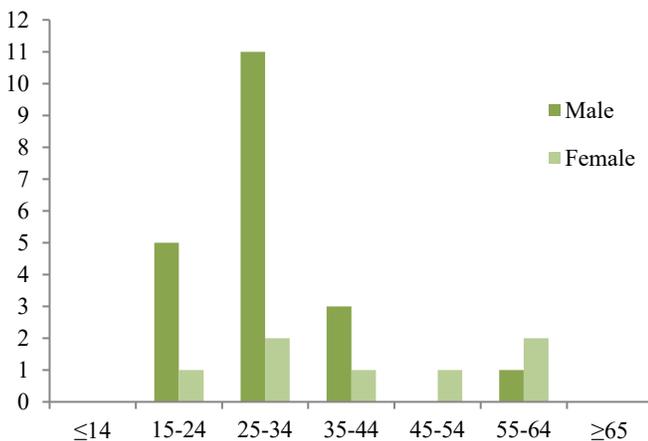


Figure 9. Reported Cases of HIV Newly Diagnosed in Alaska by Transmission Category, 2019

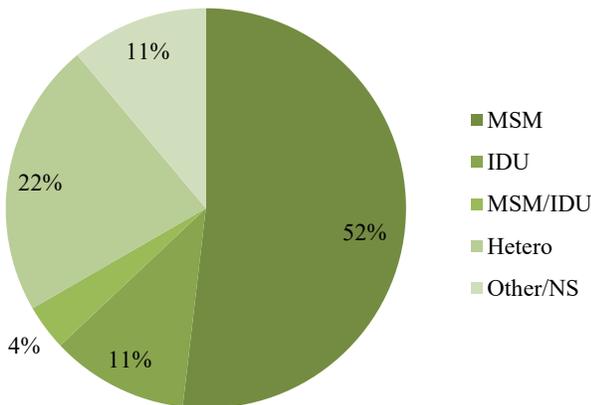


Figure 8. Reported Cases of HIV Newly Diagnosed in Alaska by Race/Ethnicity and Gender at Birth, 2019

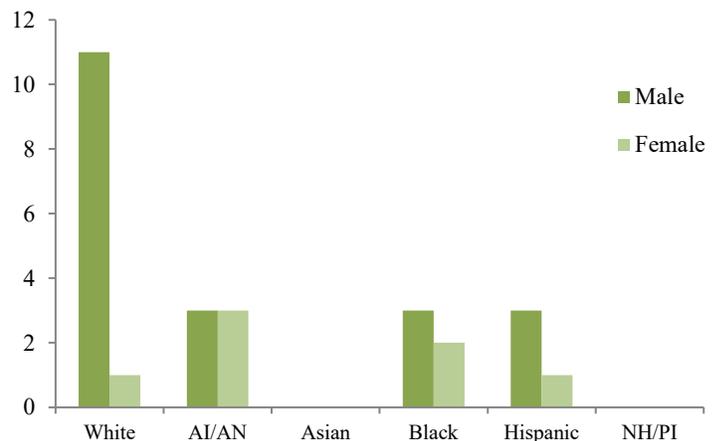
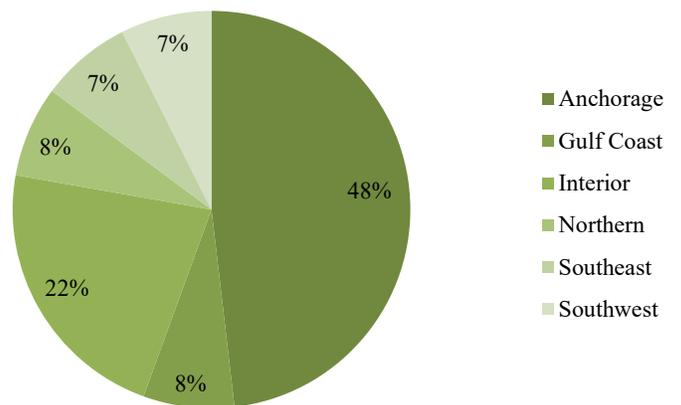


Figure 10. Reported Cases of HIV Newly Diagnosed in Alaska by Residence at Diagnosis, 2019



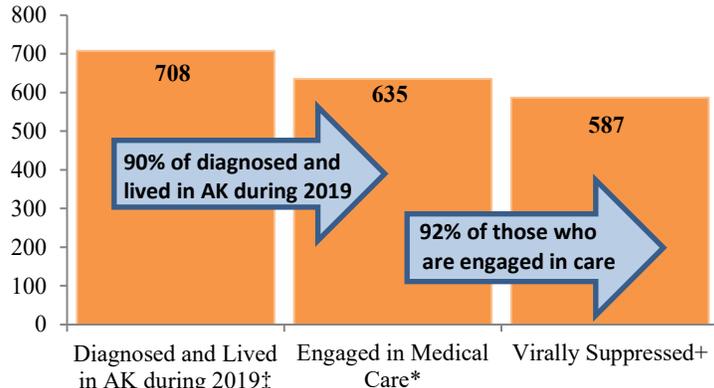
Persons Living with HIV/AIDS in Alaska as of December 31, 2019

Highlights

**Persons Living with HIV in Alaska
As of December 31, 2019, n=703**

- 360 (51%) ever had a diagnosis of AIDS
- 527 (75%) were male
- 395 (56%) were men who have sex with men (MSM) including 42 MSM/IDU; 188 (27%) were heterosexual
- 276 (39%) were White; 201 (29%) were Alaska Native/American Indian; 98 (14%) were Black
- 459 (65%) had an initial diagnosis in Alaska; 302 (66%) of those were living in Anchorage/Mat-Su at the time of diagnosis
- 90% of those thought to be living with HIV in Alaska during 2019 were engaged in medical care, and of those 92% were virally suppressed

Figure 11. HIV Care Continuum (n=708) — Alaska, 2019



[‡]Includes all cases who lived in Alaska (AK) during 2019; cases with unknown residence and no activity in the surveillance system for 10 or more years were excluded (n=16)
^{*}Received at least one CD4 or Viral Load between Jan. 1 and Dec. 31, 2019
⁺Viral Load ≤200 copies/mL

Figure 12. Persons Living with HIV/AIDS in Alaska by Age at Diagnosis and Gender at Birth As of December 31, 2019

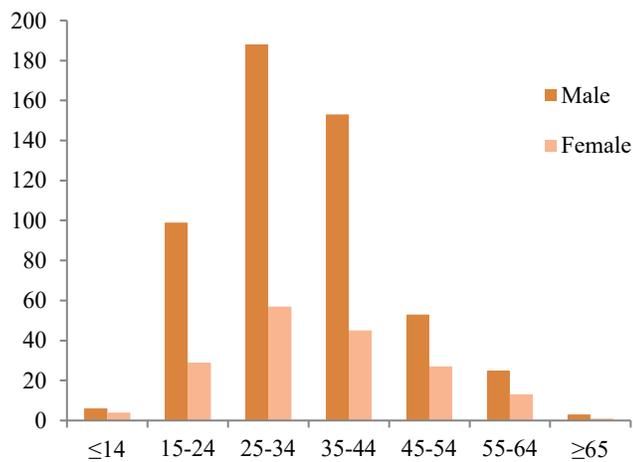


Figure 14. Persons Living with HIV/AIDS in Alaska by Transmission Category As of December 31, 2019

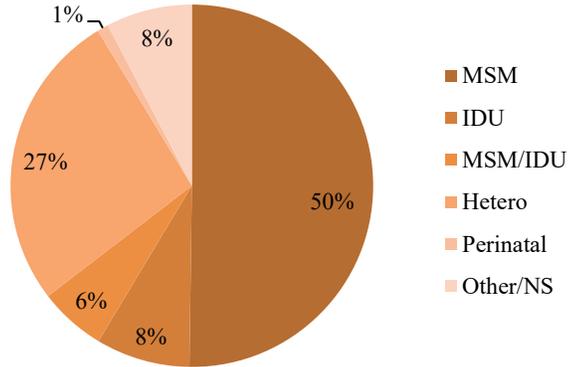


Figure 13. Persons Living with HIV/AIDS in Alaska by Race/Ethnicity and Gender at Birth As of December 31, 2019

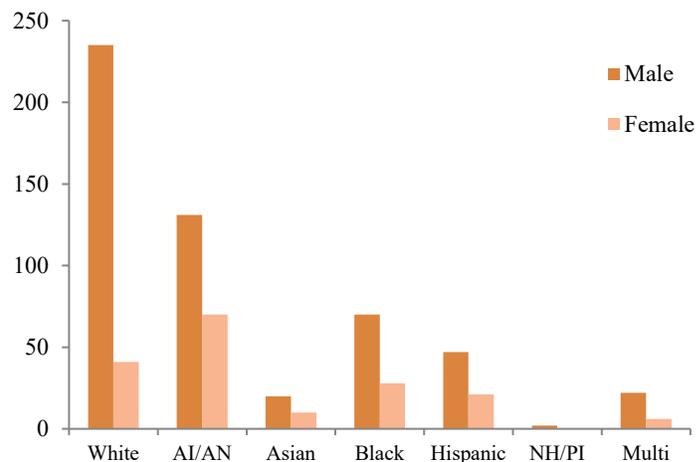


Figure 15. Persons Living with HIV/AIDS in Alaska by Residence at Time of Diagnosis As of December 31, 2019

