HIV Surveillance Report — Alaska, 1982–2015

From January 1, 1982 through December 31, 2015, 1,680 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 2015, 64 cases of HIV infection were reported to SOE; 22 (34%) of which were initially diagnosed in Alaska, yielding a 2015 statewide incidence rate of 3 cases per 100,000 persons. This HIV Surveillance Report contains summary data and highlights for cumulative cases reported from 1982 through 2015 (n=1,680), incident cases diagnosed in Alaska in 2015 (n=22), and Persons Living with HIV in Alaska as of December 31, 2015 (n=671).

Table. Summary of Reported Cases of HIV by Select Characteristics — Alaska, 1982–2015

	1982–2015				2015			
	All Reported Cases n=1,680		Reported Cases First Diagnosed in Alaska n=1,156		All Reported Cases n=64		Reported Cases First Diagnosed in Alaska n=22	
	Male	Female	Male	Female	Male	Female	Male	Female
HIV (non–AIDS)	422	130	268	96	23	11	12	4
HIV with AIDS	931	197	642	150	26	4	5	1
TOTAL #	1,353	327	910	246	49	15	17	5
Age at Diagnosis in Years, #								
<14	11	11	8	5	0	4	0	0
15–24	191	64	108	42	7	2	4	0
25–34	522	116	328	87	20	3	3	1
35–44	413	75	286	60	9	2	2	2
45–54	160	48	130	40	8	3	4	1
55–64	43	11	38	10	5	1	4	1
≥65	13	2	12	2	0	0	0	0
Race/Ethnicity, #								
American Indian/ Alaska Native (AI/AN)	225	111	194	105	6	4	5	4
Asian	18	16	10	11	1	1	0	1
Black	167	53	100	29	11	6	4	0
Hispanic	125	23	74	17	8	1	1	0
Native Hawaiian/ Pacific Islander (NH/PI)	8	2	7	1	0	0	0	0
White	784	117	515	80	22	3	7	0
Multi–race (Multi)	26	5	10	3	1	0	0	0
Transmission Category, #								
Male–to–Male Sex	840	0	568	0	28	0	10	0
Injection Drug Use (IDU)	133	62	90	41	2	1	0	0
Male–to–Male Sex and IDU	135	0	64	0	7	0	1	0
Heterosexual Contact	92	226	71	176	7	10	4	5
Perinatal	6	11	4	5	0	4	0	0
Other/Not Specified	147	28	113	24	5	0	2	0
Residence at Time of Diagnosis, #								
Anchorage/Mat–Su	650	157	650	157	10	2	10	2
Gulf Coast	57	12	57	12	2	0	2	0
Interior	93	31	93	31	2	1	2	1
Northern	14	8	14	8	2	0	2	0
Southeast	56	23	56	23	1	2	1	2
Southwest	40	15	40	15	0	0	0	0
Out of State/Country	443	81	0	0	32	10	0	0

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ALASKA DIVISION OF Public Health

Cumulative Reported Cases of HIV, 1982–2015

Highlights
Cumulative HIV Cases
1982–2015, n=1,680

- 1,128 (67%) ever had a diagnosis of AIDS
- 586 (35%) are known to have died
- 1,353 (81%) were male
- 840 (50%) were Men Who Have Sex with Men (MSM); 318 (19%) were Heterosexual (Hetero)
- 901 (54%) were White; 336 (20%) were Alaska Native/American Indian; 220 (13%) were Black
- 1,156 (69%) had an initial diagnosis in Alaska; 807 (70%) of those were living in Anchorage/Mat-Su at the time of diagnosis

Figure 1. Cumulative Reported Cases of HIV and Known Deaths by Year of Diagnosis, Alaska — 1982–2015

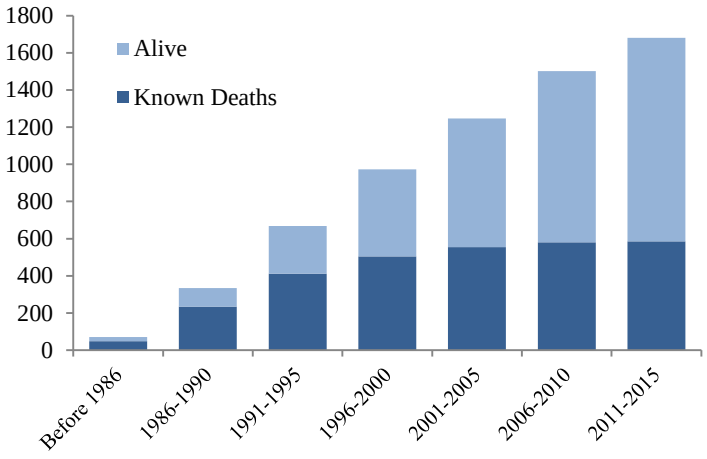


Figure 2. Cumulative Reported Cases of HIV by Age at Diagnosis and Gender, Alaska — 1982–2015

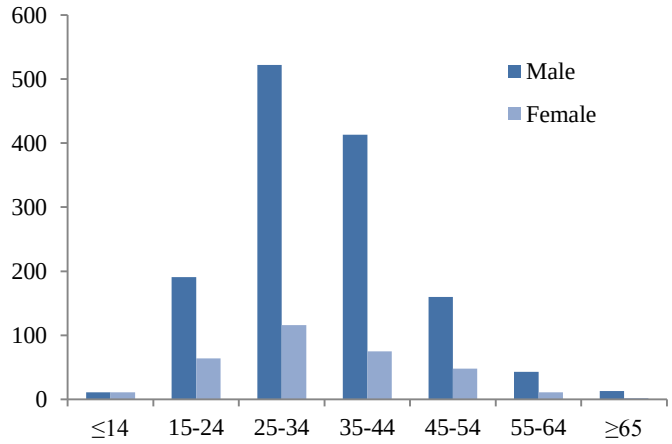


Figure 3. Cumulative Reported Cases of HIV by Race/Ethnicity and Gender, Alaska — 1982–2015

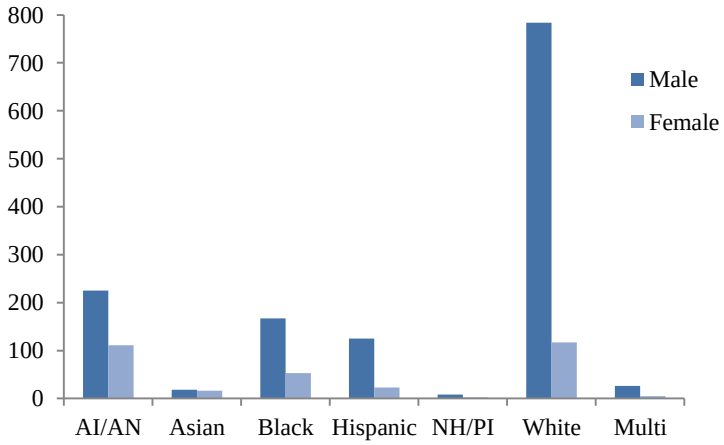


Figure 4. Cumulative Reported Cases of HIV by Transmission Category, Alaska — 1982–2015

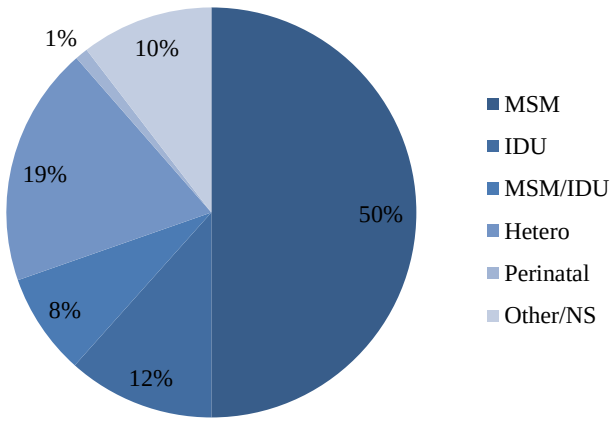
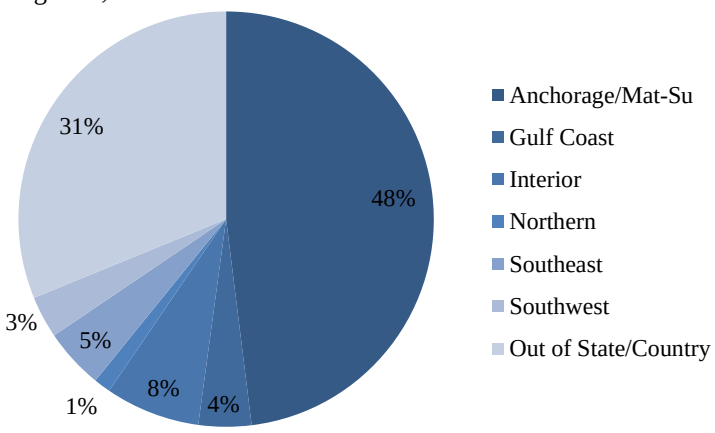


Figure 5. Cumulative Reported Cases of HIV by Residence at Diagnosis, Alaska — 1982–2015



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Reported Cases of HIV Newly Diagnosed in Alaska, 2015

Highlights
Newly Diagnosed HIV Cases
2015, n=22

- 6 (27%) were also diagnosed with AIDS
- None are known to have died
- 17 (77%) were male
- 10 (45%) were Men Who Have Sex with Men (MSM); 9 (41%) were Heterosexual
- 7 (32%) were White; 9 (41%) were Alaska Native/American Indian; 4 (18%) were Black
- 12 (55%) were living in Anchorage/Mat-Su at the time of diagnosis

Figure 6. Reported Cases of HIV Newly Diagnosed in Alaska by Year — 2006–2015

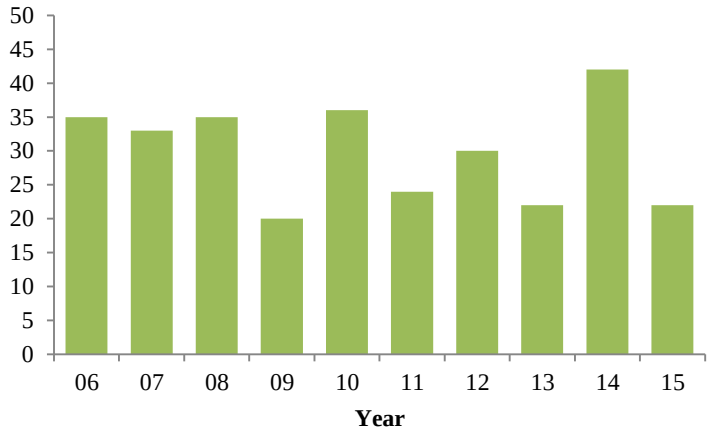


Figure 7. Reported Cases of HIV Newly Diagnosed in Alaska by Age at Diagnosis and Gender — 2015

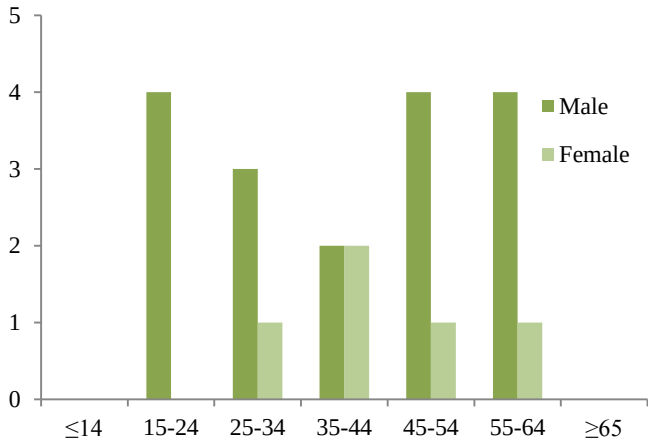


Figure 8. Reported Cases of HIV Newly Diagnosed in Alaska by Race/Ethnicity and Gender — 2015

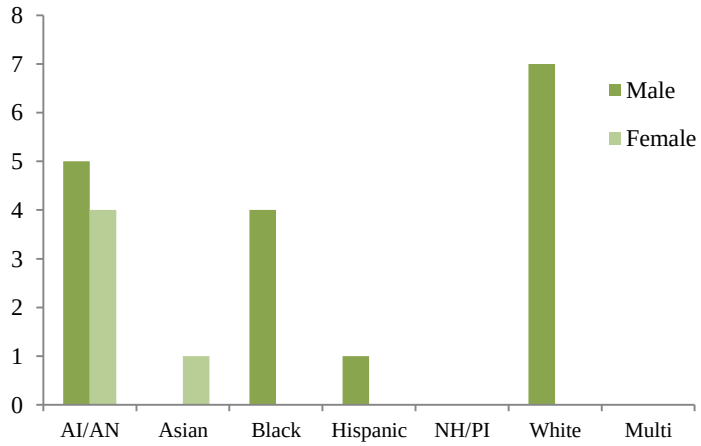


Figure 9. Reported Cases of HIV Newly Diagnosed in Alaska by Transmission Category — 2015

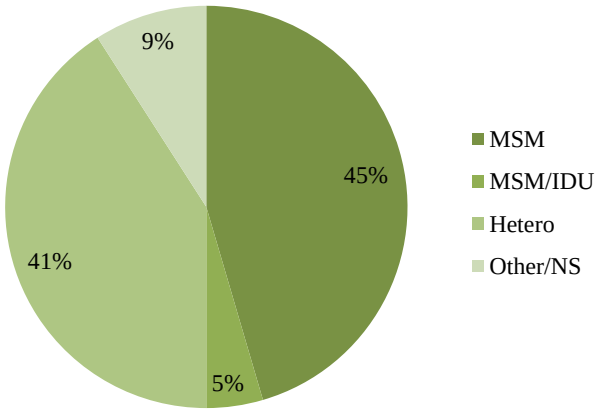
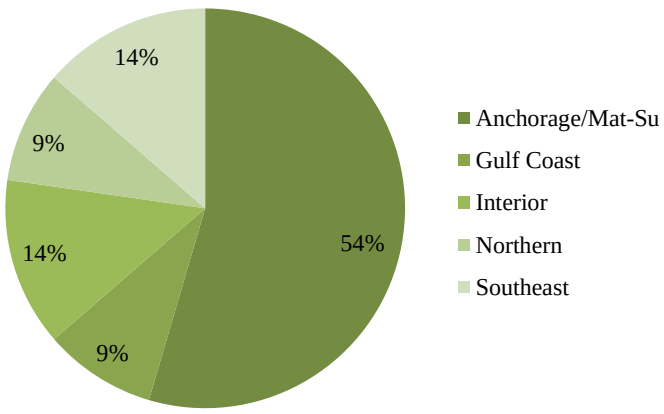


Figure 10. Reported Cases of HIV Newly Diagnosed in Alaska by Residence at Diagnosis — 2015



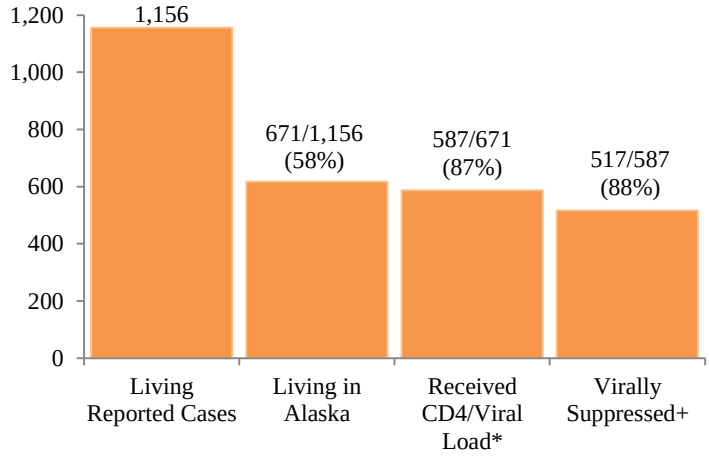
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Persons Living with HIV/AIDS in Alaska as of December 31, 2015

Highlights
Persons Living with HIV in Alaska As of December 31, 2015, n=671

- 374 (56%) ever had a diagnosis of AIDS
- 506 (75%) were male
- 305 (45%) were Men Who Have Sex with Men (MSM); 178 (27%) were Heterosexual
- 301 (45%) were White; 168 (25%) were Alaska Native/American Indian; 92 (14%) were Black
- 448 (67%) had an initial diagnosis in Alaska; 306 (68%) of those were living in Anchorage/Mat-Su at the time of diagnosis
- 587 (87%) received at least one CD4 or viral load, and of those 517 (88%) are virally suppressed

Figure 11. HIV Care Continuum, Alaska — As of December 31, 2015



** In preceding 12 months, between Jan. 1, 2015 and Dec. 31, 2015*
+ Viral Load ≤200 copies/mL

Figure 12. Persons Living with HIV/AIDS in Alaska by Age at Diagnosis and Gender — As of December 31, 2015

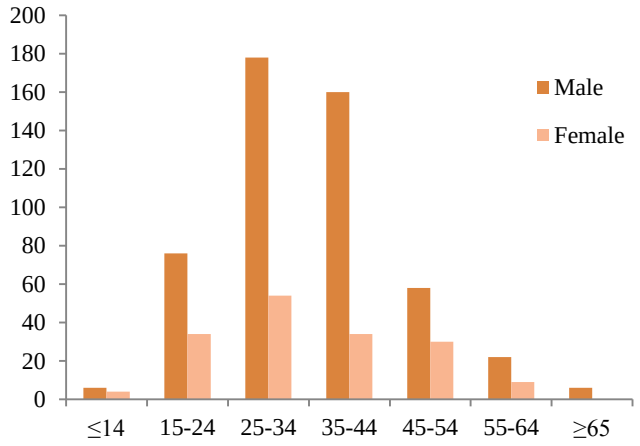


Figure 13. Persons Living with HIV/AIDS in Alaska by Race/Ethnicity and Gender — As of December 31, 2015

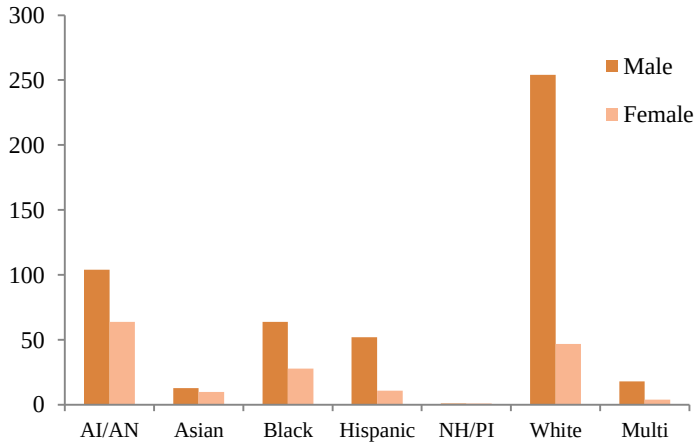


Figure 14. Persons Living with HIV/AIDS in Alaska by Transmission Category — As of December 31, 2015

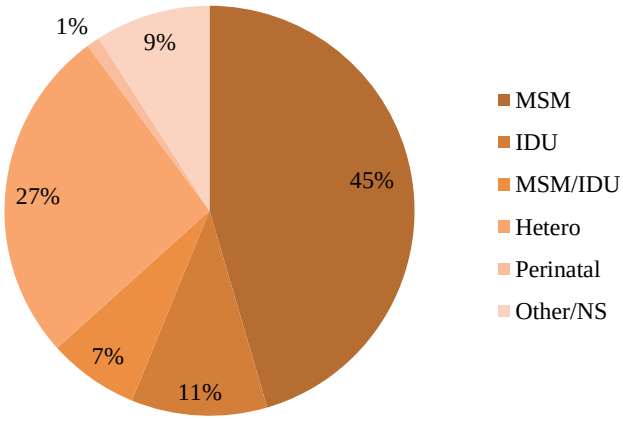
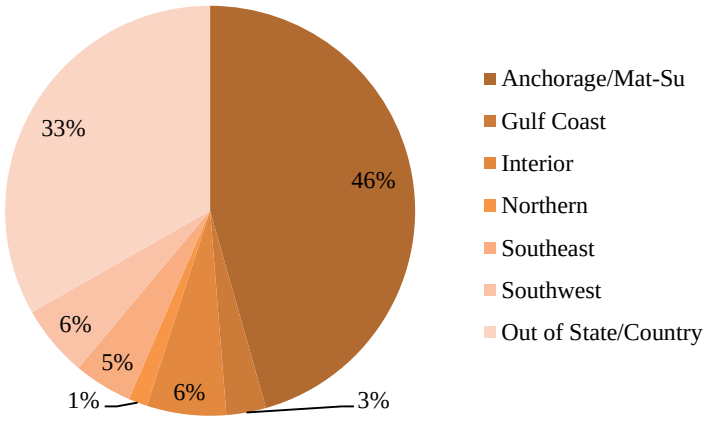


Figure 15. Persons Living with HIV/AIDS in Alaska by Residence at Time of Diagnosis — As of December 31, 2015



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