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Bulletin No. 14
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HIV INFECTION - ALASKA

Data from HIV antibody testing conducted through the State Section of Laboratories and data from the Department of Defense on civilian applicants for military service in Alaska are shown below. These data do not include HIV tests sent by providers to laboratories other than the State or Department of Defense Laboratories.

State Section of Laboratories

Through June 30, 1999, the Section of Laboratories, Division of Public Health, has conducted 165,190 HIV antibody tests on 124,713 individuals, with a total of 702 (0.6%) individuals testing HIV positive. Through June 30, 1999, 589 (1.0%) of 56,532 males, 109 (0.2%) of 67,415 females, and 4 (0.5%) of 766 individuals of unspecified sex have tested positive. Data below reflect unduplicated individuals.

HIV Testing by Age				HIV Testing by Year			
For Period May 1, 1985 thru June 30, 1999				For Period May 1, 1985 thru June 30, 1999			
Age	Number Tested	Number Positive	%Positive	Year	Number Tested	Number Positive	%Positive
0-9	919	4	0.4	1985	771	76	9.9
10-19	17,918	28	0.2	1986	1,448	56	3.9
20-29	45,148	265	0.6	1987	5,786	74	1.3
30-39	36,946	269	0.7	1988	5,757	65	1.1
40-49	17,166	112	0.7	1989	6,195	51	0.8
50+	6,581	24	0.4	1990	7,934	69	0.9
Unk	35	0	0.0	1991	11,852	46	0.4
Total	124,713	702	0.6	1992	17,350	50	0.3
				1993	16,716	45	0.3
				1994	15,818	44	0.3
				1995	15,345	50	0.3
				1996	16,215	50	0.3
				1997	14,574	33	0.2
				1998	12,555	22	0.2
				1999	6,663	10	0.2

HIV Testing by Exposure Category and Ethnicity

(Number Positive, Number Tested, Percent Positive)
For Period May 1, 1985 thru June 30, 1999

Exposure Category	White			Native American/ Alaska Native			Black			Hispanic			Other			Not Specified			Total		
	Pos	Tested	(%)	Pos	Tested	(%)	Pos	Tested	(%)	Pos	Tested	(%)	Pos	Tested	(%)	Pos	Tested	(%)	Pos	Tested	(%)
Homosexual/ Bisexual Male	234	2,176	10.8	32	441	7.3	21	143	14.7	17	102	16.7	7	79	8.9	4	55	7.3	315	2,996	10.5
IV Drug User	27	2,915	0.9	2	722	0.3	13	246	5.3	5	80	6.3	0	55	0.0	2	88	2.3	49	4,106	1.2
Heterosexual Contact of Person with/ at Risk of AIDS	6	2,793	0.2	5	632	0.8	4	241	1.7	1	107	0.9	0	82	0.0	0	82	0.0	16	3,937	0.4
Hemophiliae	7	22	31.8	0	5	0.0	0	0	0.0	0	2	0.0	0	2	0.0	0	1	0.0	7	32	21.9
Transfusion w/ Blood/Blood Products	8	1,208	0.7	4	390	1.0	1	58	1.7	0	22	0.0	0	32	0.0	0	54	0.0	13	1,764	0.7
All Others	144	62,023	0.2	80	28,168	0.3	37	6,123	0.6	20	2,956	0.7	8	3,955	0.2	13	8,653	0.2	302	111,878	0.3
Total	426	71,137	0.6	123	30,358	0.4	76	6,811	1.1	43	3,269	1.3	15	4,205	0.4	19	8,933	0.2	702	124,713	0.6

Department of Defense

Since October 1985, all persons applying for active duty or reserve military service, the service academies, and the Reserve Officer Training Corps (ROTC) have been screened for HIV infection as part of their entrance evaluation. The Department of Defense shares the resulting statistical data with states for HIV surveillance purposes. Of 18,056 individuals (14,931 males and 3,125 females) screened in Alaska from October 1985 through December 1998, 3 (0.02%) have tested positive for HIV infection. Characteristics of the three individuals with HIV infection follow.

Sex	Ethnicity	Age
Males.....3	White.....1	20-24 years.....1
Females....0	Black.....1	30+ years.....2
	Unspecified.....1	