

Epi Profile (HIV Disease) for Knox County Public Health Region TN 2009

Number of diagnosed HIV disease cases and rates (per 100,000 population) in Knox County Public Health Region - by sex and race/ethnicity - 2009

Race/ethnicity	Male			Female			Total		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
Hispanic, All races	0	0.0	a	*	*	a	*	*	a
American Indian/Alaska Native, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Asian, Not Hispanic	*	*	a	0	0.0	a	*	*	a
Black, Not Hispanic	9	28	a	5	50	a	14	33	a
Native Hawaiian/Pacific Islander, Not Hispanic	*	*	a	0	0.0	a	*	*	a
White, Not Hispanic	*	*	a	*	*	a	24	57	a
Multiple Race, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Total	32	100	a	10	100	a	42	100	a

Number of diagnosed HIV disease cases in Knox County Public Health Region - by sex and age at diagnosis - 2009

Age (yrs)	Male		Female		Total	
	No.	%	No.	%	No.	%
<13	0	0.0	0	0.0	0	0.0
13 to 14	0	0.0	0	0.0	0	0.0
15 to 24	*	*	0	0.0	*	*
25 to 34	11	34	5	50	16	38
35 to 44	*	*	*	*	15	36
45 to 54	*	*	*	*	5	12
55 to 64	*	*	*	*	*	*
>=65	0	0.0	0	0.0	0	0.0
Total	32	100	10	100	42	100

Number of diagnosed HIV disease cases in Knox County Public Health Region - by sex and transmission category - 2009

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sex	25	78	0	0.0	25	60
Injection drug use (IDU)	0	0.0	0	0.0	0	0.0
Male-to-male sex and IDU	0	0.0	0	0.0	0	0.0
Heterosexual contact	*	*	*	*	5	12
Perinatal exposure	*	*	*	*	0	0.0
Other/unknown	5	16	7	70	12	29
Total	32	100	10	100	42	100

Number of diagnosed HIV disease cases in Knox County Public Health Region - by race/ethnicity and transmission category - 2009

Transmission category	White, not Hispanic		Black, not Hispanic		Hispanic		Asian, not Hispanic		Native Hawaiian/Pacific Islander, not Hispanic		American Indian/Alaskan Native, not Hispanic		Multiple Race, not Hispanic		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male-to-male sex	16	67	6	43	0	0.0	*	*	*	*	0	a	0	a	25	60
Injection drug use (IDU)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	a	0	a	0	0.0
Male-to-male sex and IDU	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	a	0	a	0	0.0
Heterosexual contact	*	*	*	*	0	0.0	0	0.0	0	0.0	0	a	0	a	5	12
Perinatal exposure	*	*	*	*	0	0.0	0	0.0	0	0.0	0	a	0	a	0	0.0
Other/unknown	5	21	6	43	*	*	*	*	*	*	0	a	0	a	12	29
Total	24	100	14	100	*	*	*	*	*	*	0	100	0	100	42	100

Number of diagnosed HIV disease cases in Knox County Public Health Region - by sex and tuberculosis comorbidity - 2009

Tuberculosis diagnosis	Male		Female		Total	
	No.	%	No.	%	No.	%
Not diagnosed	32	100	10	100	42	100
Definitive case	0	0.0	0	0.0	0	0.0
Presumptive case	0	0.0	0	0.0	0	0.0
Total	32	100	10	100	42	100

**Number and rates (per 100,000 population) of deaths among persons with diagnosis of HIV in Knox County Public Health
Region - by sex and race/ethnicity - 2009**

Race/ethnicity	Male			Female			Total		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
Hispanic, All races	0	0.0	a	0	0.0	a	0	0.0	a
American Indian/Alaska Native, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Asian, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Black, Not Hispanic	*	*	a	*	*	a	*	*	a
Native Hawaiian/Pacific Islander, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
White, Not Hispanic	*	*	a	*	*	a	*	*	a
Multiple Race, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Total	*	*	a	*	*	a	7	100	a

Number of persons diagnosed with HIV disease in Knox County Public Health Region - by year of diagnosis and sex

		Cumulative cases through 2004	2005	2006	2007	2008	2009	Cumulative cases through 2009(Total)
Sex		No.	No.	No.	No.	No.	No.	No.
	Female	150	10	9	9	11	10	199
	Male	928	43	30	28	49	32	1,110
	Total	1,078	53	39	37	60	42	1,309

Number of persons diagnosed with HIV disease in Knox County Public Health Region - by year of diagnosis and race/ethnicity

	Cumulative cases through 2004						Cumulative cases through 2009(Total)
Race/ethnicity	No.	2005	2006	2007	2008	2009	No.
Hispanic, All races	14	*	*	*	*	*	28
American Indian/Alaska Native, Not Hispanic	1	0	0	0	0	0	1
Asian, Not Hispanic	0	0	*	0	*	*	4
Black, Not Hispanic	262	15	16	9	21	14	337
Native Hawaiian/Pacific Islander, Not Hispanic	0	*	0	0	0	*	2
White, Not Hispanic	790	34	19	25	33	24	925
Multiple Race, Not Hispanic	7	*	0	*	*	0	8
Total	1,078	53	39	37	60	42	1,309

Number of persons diagnosed with HIV disease in Knox County Public Health Region - by year of diagnosis and age at diagnosis

	Cumulative cases through 2004	2005	2006	2007	2008	2009	Cumulative cases through 2009(Total)
Age (yrs)	No.	No.	No.	No.	No.	No.	No.
<13	5	*	*	*	0	0	5
13 to 14	0	0	0	0	0	0	0
15 to 24	146	11	7	7	5	*	180
25 to 34	427	9	8	10	18	16	488
35 to 44	343	19	15	12	19	15	423
45 to 54	111	7	8	7	12	5	150
55 to 64	37	6	*	*	*	*	51
>=65	9	*	0	0	*	0	12
Total	1,078	53	39	37	60	42	1,309

Number of persons diagnosed with HIV disease in Knox County Public Health Region - by year of diagnosis and transmission category

	Cumulative cases through 2004	2005	2006	2007	2008	2009	Cumulative cases through 2009(Total)
Transmission category	No.	No.	No.	No.	No.	No.	No.
Male-to-male sex	657	25	23	20	26	25	776
Injection drug use (IDU)	143	*	*	*	*	0	152
Male-to-male sex and IDU	45	*	0	0	*	0	47
Heterosexual contact	123	8	*	*	8	5	152
Perinatal exposure	5	0	0	0	0	0	5
Other/unknown	105	15	12	9	24	12	177
Total	1,078	53	39	37	60	42	1,309

Number of persons living with diagnosis of HIV in Knox County Public Health Region - by year and sex

		2005	2006	2007	2008	2009
Sex		No.	No.	No.	No.	No.
	Female	130	138	144	153	162
	Male	614	637	653	695	721
	Total	744	775	797	848	883

Number of persons living with diagnosis of HIV in Knox County Public Health Region - by year and race/ethnicity

	2005	2006	2007	2008	2009
Race/ethnicity	No.	No.	No.	No.	No.
Hispanic, All races	12	15	17	21	22
American Indian/Alaska Native, Not Hispanic	0	0	0	0	0
Asian, Not Hispanic	0	*	*	*	*
Black, Not Hispanic	190	202	205	223	233
Native Hawaiian/Pacific Islander, Not Hispanic	*	*	*	*	*
White, Not Hispanic	534	549	566	593	614
Multiple Race, Not Hispanic	*	*	*	5	5
Total	744	775	797	848	883

Number of persons living with diagnosis of HIV in Knox County Public Health Region - by year and current age

	2005	2006	2007	2008	2009
Current age (yrs)	No.	No.	No.	No.	No.
<13	*	*	*	*	*
13 to 14	*	*	*	*	*
15 to 24	7	11	17	22	25
25 to 34	83	90	98	114	128
35 to 44	246	257	261	277	294
45 to 54	278	287	291	303	305
55 to 64	98	98	98	100	100
>=65	31	31	31	31	30
Total	744	775	797	848	883

Number of persons living with diagnosis of HIV in Knox County Public Health Region - by year and transmission category

	2005	2006	2007	2008	2009
Transmission category	No.	No.	No.	No.	No.
Male-to-male sex	435	452	463	486	509
Injection drug use (IDU)	91	90	91	92	91
Male-to-male sex and IDU	*	*	*	*	*
Heterosexual contact	105	108	109	114	117
Perinatal exposure	*	*	*	*	*
Other/unknown	88	100	109	130	140
Total	744	775	797	848	883

Number of deaths among persons with diagnosis of HIV in Knox County Public Health Region - by year of death and sex

		Cumulative deaths through 2004	2005	2006	2007	2008	2009	Cumulative deaths through 2009(Total)
Sex		No.	No.	No.	No.	No.	No.	No.
	Female	28	*	*	*	*	*	37
	Male	345	*	*	*	*	*	389
	Total	373	14	8	15	9	7	426

Number of deaths among persons with diagnosis of HIV in Knox County Public Health Region - by year of death and race/ethnicity

	Cumulative deaths through 2004	2005	2006	2007	2008	2009	Cumulative deaths through 2009(Total)
Race/ethnicity	No.	No.	No.	No.	No.	No.	No.
Hispanic, All races	5	0	0	*	*	0	6
American Indian/Alaska Native, Not Hispanic	1	0	0	*	0	0	1
Asian, Not Hispanic	0	0	0	0	0	0	0
Black, Not Hispanic	82	5	*	6	*	*	104
Native Hawaiian/Pacific Islander, Not Hispanic	0	0	0	0	0	0	0
White, Not Hispanic	281	9	*	8	6	*	311
Multiple Race, Not Hispanic	3	0	0	0	0	0	3
Total	373	14	8	15	9	7	426

Number of deaths among persons with diagnosis of HIV in Knox County Public Health Region - by year of death and age at death

	Cumulative deaths through 2004	2005	2006	2007	2008	2009	Cumulative deaths through 2009(Total)
Age (yrs)	No.	No.	No.	No.	No.	No.	No.
<13	2	0	0	0	0	0	2
13 to 14	0	0	0	0	0	0	0
15 to 24	5	0	0	0	0	0	5
25 to 34	118	*	0	*	*	0	121
35 to 44	141	6	*	7	*	*	159
45 to 54	78	5	*	6	*	*	98
55 to 64	23	*	*	*	*	*	31
>=65	6	*	0	0	*	*	10
Total	373	14	8	15	9	7	426

Number of deaths among persons with diagnosis of HIV in Knox County Public Health Region - by year of death and transmission category

	Cumulative deaths through 2004	2005	2006	2007	2008	2009	Cumulative deaths through 2009(Total)
Transmission category	No.	No.	No.	No.	No.	No.	No.
Male-to-male sex	242	5	6	9	*	*	267
Injection drug use (IDU)	50	6	*	*	0	*	61
Male-to-male sex and IDU	24	0	0	0	0	0	24
Heterosexual contact	25	*	*	*	*	*	35
Perinatal exposure	2	0	0	0	0	0	2
Other/unknown	30	*	0	0	*	*	37
Total	373	14	8	15	9	7	426