

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

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

Race/ethnicity	Male			Female			Total		
	No.	%	Rate	No.	%	Rate	No.	%	Rate
Hispanic, All races	*	*	a	0	0.0	a	*	*	a
American Indian/Alaska Native, Not Hispanic	*	*	a	0	0.0	a	*	*	a
Asian, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Black, Not Hispanic	23	58	a	11	61	a	34	59	a
Native Hawaiian/Pacific Islander, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
White, Not Hispanic	16	40	a	7	39	a	23	40	a
Multiple Race, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Total	40	100	a	18	100	a	58	100	a

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

Age (yrs)	Male		Female		Total	
	No.	%	No.	%	No.	%
<13	*	*	0	0.0	*	*
13 to 14	0	0.0	0	0.0	0	0.0
15 to 24	*	*	*	*	13	22
25 to 34	*	*	*	*	13	22
35 to 44	7	18	6	33	13	22
45 to 54	*	*	*	*	10	17
55 to 64	*	*	*	*	8	14
>=65	*	*	0	0.0	*	*
Total	40	100	18	100	58	100

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

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sex	23	58	0	0.0	23	40
Injection drug use (IDU)	*	*	0	0.0	*	*
Male-to-male sex and IDU	0	0.0	0	0.0	0	0.0
Heterosexual contact	*	*	*	*	5	8.6
Perinatal exposure	0	0.0	*	*	*	*
Other/unknown	14	35	14	78	28	48
Total	40	100	18	100	58	100

Number of diagnosed HIV disease cases in Hamilton 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	13	57	10	29	0	0.0	0	a	0	a	0	a	0	a	23	40
Injection drug use (IDU)	0	0.0	*	*	0	0.0	0	a	0	a	0	a	0	a	*	*
Male-to-male sex and IDU	0	0.0	0	0.0	0	0.0	0	a	0	a	0	a	0	a	0	0.0
Heterosexual contact	*	*	*	*	0	0.0	0	a	0	a	0	a	0	a	5	8.6
Perinatal exposure	*	*	*	*	0	0.0	0	a	0	a	0	a	0	a	0	0.0
Other/unknown	8	35	19	56	*	*	*	*	0	a	0	a	0	a	28	48
Total	23	100	34	100	*	*	*	*	0	100	0	100	0	100	58	100

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

Tuberculosis diagnosis	Male		Female		Total	
	No.	%	No.	%	No.	%
Not diagnosed	40	100	18	100	58	100
Definitive case	0	0.0	0	0.0	0	0.0
Presumptive case	0	0.0	0	0.0	0	0.0
Total	40	100	18	100	58	100

**Number and rates (per 100,000 population) of deaths among persons with diagnosis of HIV in Hamilton 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	12	86	a
Native Hawaiian/Pacific Islander, Not Hispanic	0	0.0	a	*	*	a	*	*	a
White, Not Hispanic	*	*	a	*	*	a	*	*	a
Multiple Race, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
Total	5	100	a	9	100	a	14	100	a

Number of persons diagnosed with HIV disease in Hamilton 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	251	13	18	15	16	18	331
	Male	906	36	38	27	47	40	1,094
	Total	1,157	49	58	42	63	58	1,425

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

	Cumulative cases through 2004	2005	2006	2007	2008	2009	Cumulative cases through 2009(Total)
Race/ethnicity	No.	No.	No.	No.	No.	No.	No.
Hispanic, All races	27	*	*	*	*	*	35
American Indian/Alaska Native, Not Hispanic	0	0	0	0	*	*	1
Asian, Not Hispanic	0	0	*	*	0	0	3
Black, Not Hispanic	519	28	38	19	33	34	671
Native Hawaiian/Pacific Islander, Not Hispanic	2	0	0	0	0	0	2
White, Not Hispanic	599	20	16	18	27	23	703
Multiple Race, Not Hispanic	6	0	0	0	0	0	6
Total	1,157	49	56	42	63	58	1,425

Number of persons diagnosed with HIV disease in Hamilton 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	8	0	0	0	*	*	8
13 to 14	0	0	0	0	0	0	0
15 to 24	157	6	15	13	16	13	220
25 to 34	457	9	7	10	19	13	515
35 to 44	339	15	19	11	13	13	410
45 to 54	140	14	11	8	12	10	195
55 to 64	47	*	*	0	*	8	64
>=65	9	*	*	0	*	*	13
Total	1,157	49	56	42	63	58	1,425

Number of persons diagnosed with HIV disease in Hamilton 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	643	16	21	19	27	23	749
Injection drug use (IDU)	158	0	*	0	*	*	165
Male-to-male sex and IDU	50	0	0	0	0	0	50
Heterosexual contact	212	*	6	*	*	5	232
Perinatal exposure	4	0	0	0	0	0	4
Other/unknown	90	31	27	19	30	28	225
Total	1,157	49	56	42	63	58	1,425

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

		2005	2006	2007	2008	2009
Sex		No.	No.	No.	No.	No.
	Female	191	201	213	226	235
	Male	584	607	626	659	694
	Total	775	808	839	885	929

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

	2005	2006	2007	2008	2009
Race/ethnicity	No.	No.	No.	No.	No.
Hispanic, All races	24	24	27	29	30
American Indian/Alaska Native, Not Hispanic	0	0	0	*	*
Asian, Not Hispanic	*	*	*	*	*
Black, Not Hispanic	353	378	390	416	438
Native Hawaiian/Pacific Islander, Not Hispanic	*	*	*	*	*
White, Not Hispanic	388	395	410	429	450
Multiple Race, Not Hispanic	6	5	5	*	*
Total	775	808	839	885	929

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

	2005	2006	2007	2008	2009
Current age (yrs)	No.	No.	No.	No.	No.
<13	0	0	0	0	0
13 to 14	0	0	0	0	0
15 to 24	6	13	21	36	48
25 to 34	79	91	98	114	124
35 to 44	270	279	290	298	308
45 to 54	268	274	278	284	290
55 to 64	121	122	123	125	131
>=65	31	29	29	28	28
Total	775	808	839	885	929

Number of persons living with diagnosis of HIV in Hamilton 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	405	418	431	452	472
Injection drug use (IDU)	89	86	83	84	82
Male-to-male sex and IDU	27	*	*	*	25
Heterosexual contact	147	152	155	156	157
Perinatal exposure	2	*	*	*	2
Other/unknown	105	124	142	165	191
Total	775	808	839	885	929

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

		Cumulative deaths through 2004						Cumulative deaths through 2009(Total)
Sex		No.	2005 No.	2006 No.	2007 No.	2008 No.	2009 No.	No.
	Female	69	*	8	*	*	9	96
	Male	348	*	15	*	*	5	400
	Total	417	14	23	11	17	14	496

Number of deaths among persons with diagnosis of HIV in Hamilton 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	3	*	0	*	0	0	5
American Indian/Alaska Native, Not Hispanic	0	0	0	0	0	0	0
Asian, Not Hispanic	0	0	0	0	0	0	0
Black, Not Hispanic	191	*	13	*	7	12	233
Native Hawaiian/Pacific Islander, Not Hispanic	0	0	*	*	*	*	0
White, Not Hispanic	221	10	9	*	8	*	253
Multiple Race, Not Hispanic	0	0	*	*	*	0	3
Total	417	14	23	11	17	14	496

Number of deaths among persons with diagnosis of HIV in Hamilton 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	9	0	0	0	0	0	9
25 to 34	137	*	*	*	*	*	149
35 to 44	149	*	8	*	9	*	176
45 to 54	77	6	8	*	*	6	105
55 to 64	33	*	5	0	*	*	42
>=65	10	0	*	0	*	*	13
Total	417	14	23	11	17	14	496

Number of deaths among persons with diagnosis of HIV in Hamilton 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	250	*	8	6	6	*	277
Injection drug use (IDU)	65	*	5	*	*	*	83
Male-to-male sex and IDU	22	*	*	0	0	*	25
Heterosexual contact	64	*	*	*	*	*	75
Perinatal exposure	2	0	0	0	0	0	2
Other/unknown	14	*	8	*	7	*	34
Total	417	14	23	11	17	14	496