

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

Number of diagnosed HIV disease cases and rates (per 100,000 population) in Shelby 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	*	*	a	10	2.6	a
American Indian/Alaska Native, Not Hispanic	*	*	a	*	*	a	0	0.0	a
Asian, Not Hispanic	*	*	a	*	*	a	*	*	a
Black, Not Hispanic	239	90	a	112	90	a	351	90	a
Native Hawaiian/Pacific Islander, Not Hispanic	0	0.0	a	*	*	a	*	*	a
White, Not Hispanic	19	7.2	a	8	6.5	a	27	6.9	a
Multiple Race, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
<b>Total</b>	<b>265</b>	<b>100</b>	<b>a</b>	<b>124</b>	<b>100</b>	<b>a</b>	<b>389</b>	<b>100</b>	<b>a</b>

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

Age (yrs)	Male		Female		Total	
	No.	%	No.	%	No.	%
<13	*	*	*	*	*	*
13 to 14	0	0.0	*	*	*	*
15 to 24	69	26	22	18	91	23
25 to 34	70	26	30	24	100	26
35 to 44	58	22	31	25	89	23
45 to 54	40	15	26	21	66	17
55 to 64	25	9.4	7	5.6	32	8.2
>=65	*	*	*	*	6	1.5
<b>Total</b>	<b>265</b>	<b>100</b>	<b>124</b>	<b>100</b>	<b>389</b>	<b>100</b>

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

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sex	111	42	0	0.0	111	29
Injection drug use (IDU)	*	*	*	*	*	*
Male-to-male sex and IDU	*	*	*	*	*	*
Heterosexual contact	43	16	82	66	125	32
Perinatal exposure	0	0.0	*	*	*	*
Other/unknown	109	41	35	28	144	37
<b>Total</b>	<b>265</b>	<b>100</b>	<b>124</b>	<b>100</b>	<b>389</b>	<b>100</b>

**Number of diagnosed HIV disease cases in Shelby 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	9	33	102	29	0	0.0	0	0.0	0	a	0	a	0	a	111	29
Injection drug use (IDU)	*	*	*	*	0	0.0	0	0.0	0	a	0	a	0	a	*	*
Male-to-male sex and IDU	*	*	*	*	0	0.0	0	0.0	0	a	0	a	0	a	*	*
Heterosexual contact	*	*	114	32	8	80	0	0.0	0	a	0	a	0	a	125	32
Perinatal exposure	*	*	*	*	*	*	0	0.0	0	a	0	a	0	a	*	*
Other/unknown	11	41	130	37	*	*	*	*	0	a	0	a	0	a	144	37
<b>Total</b>	<b>27</b>	<b>100</b>	<b>351</b>	<b>100</b>	<b>10</b>	<b>100</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>389</b>	<b>100</b>

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

Tuberculosis diagnosis	Male		Female		Total	
	No.	%	No.	%	No.	%
Not diagnosed	263	99	122	98	385	99
Definitive case	*	*	*	*	*	*
Presumptive case	*	*	*	*	*	*
<b>Total</b>	<b>265</b>	<b>100</b>	<b>124</b>	<b>100</b>	<b>389</b>	<b>100</b>

**Number and rates (per 100,000 population) of deaths among persons with diagnosis of HIV in Shelby 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	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	8	73	a
Native Hawaiian/Pacific Islander, Not Hispanic	0	0.0	a	*	*	a	0	0.0	a
White, Not Hispanic	*	*	a	0	0.0	a	*	*	a
Multiple Race, Not Hispanic	0	0.0	a	0	0.0	a	0	0.0	a
<b>Total</b>	*	*	a	*	*	a	11	100	a

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

		<b>Cumulative cases through 2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>Cumulative cases through 2009(Total)</b>
<b>Sex</b>		<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
	<b>Female</b>	1,908	147	144	159	132	124	2,614
	<b>Male</b>	5,190	288	284	301	291	265	6,619
	<b>Total</b>	7,098	435	428	460	423	389	9,233

**Number of persons diagnosed with HIV disease in Shelby 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	68	8	6	*	16	10	110
American Indian/Alaska Native, Not Hispanic	4	*	*	0	0	0	5
Asian, Not Hispanic	1	0	*	*	0	*	3
Black, Not Hispanic	5,541	379	380	421	375	351	7,447
Native Hawaiian/Pacific Islander, Not Hispanic	1	*	0	0	0	0	2
White, Not Hispanic	1,438	45	38	35	32	27	1,615
Multiple Race, Not Hispanic	39	*	*	*	0	*	45
<b>Total</b>	<b>7,098</b>	<b>435</b>	<b>428</b>	<b>460</b>	<b>423</b>	<b>389</b>	<b>9,233</b>

**Number of persons diagnosed with HIV disease in Shelby 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	66	*	*	0	*	*	75
13 to 14	14	*	*	*	*	*	15
15 to 24	1,245	91	93	112	110	91	1,742
25 to 34	2,759	124	111	126	122	100	3,342
35 to 44	1,965	129	123	128	87	89	2,521
45 to 54	754	61	72	63	70	66	1,086
55 to 64	213	20	22	26	27	32	340
>=65	82	8	6	5	5	6	112
<b>Total</b>	<b>7,098</b>	<b>435</b>	<b>428</b>	<b>460</b>	<b>423</b>	<b>389</b>	<b>9,233</b>

**Number of persons diagnosed with HIV disease in Shelby 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	2,307	172	183	119	125	111	4,017
Injection drug use (IDU)	516	5	15	*	*	*	545
Male-to-male sex and IDU	297	*	*	0	0	*	305
Heterosexual contact	1,910	108	148	164	139	125	2,594
Perinatal exposure	59	*	*	*	*	*	68
Other/unknown	1,009	145	77	173	156	144	1,704
<b>Total</b>	<b>7,098</b>	<b>435</b>	<b>428</b>	<b>460</b>	<b>423</b>	<b>389</b>	<b>9,233</b>

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

<b>Sex</b>		<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
		<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
<b>Female</b>		1,541	1,639	1,765	1,877	1,998
<b>Male</b>		3,421	3,609	3,831	4,081	4,338
<b>Total</b>		4,962	5,248	5,596	5,958	6,336

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

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Race/ethnicity</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
Hispanic, All races	56	62	64	79	88
American Indian/Alaska Native, Not Hispanic	*	*	*	*	*
Asian, Not Hispanic	*	*	*	*	*
Black, Not Hispanic	4,020	4,276	4,595	4,917	5,260
Native Hawaiian/Pacific Islander, Not Hispanic	*	*	*	*	*
White, Not Hispanic	845	867	892	918	943
Multiple Race, Not Hispanic	31	32	34	33	33
<b>Total</b>	<b>4,962</b>	<b>5,248</b>	<b>5,596</b>	<b>5,958</b>	<b>6,336</b>

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

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Current age (yrs)</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
<13	29	30	30	32	36
13 to 14	5	5	5	5	5
15 to 24	104	152	217	309	396
25 to 34	859	975	1,111	1,224	1,328
35 to 44	1,658	1,732	1,816	1,896	1,978
45 to 54	1,574	1,612	1,653	1,709	1,773
55 to 64	579	589	603	623	654
>=65	154	153	161	160	166
<b>Total</b>	<b>4,962</b>	<b>5,248</b>	<b>5,596</b>	<b>5,958</b>	<b>6,336</b>

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

	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Transmission category</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
<b>Male-to-male sex</b>	<b>2,140</b>	<b>2,268</b>	<b>2,337</b>	<b>2,445</b>	<b>2,554</b>
<b>Injection drug use (IDU)</b>	<b>266</b>	<b>266</b>	<b>265</b>	<b>265</b>	<b>267</b>
<b>Male-to-male sex and IDU</b>	<b>130</b>	<b>132</b>	<b>131</b>	<b>129</b>	<b>128</b>
<b>Heterosexual contact</b>	<b>1,440</b>	<b>1,550</b>	<b>1,681</b>	<b>1,798</b>	<b>1,920</b>
<b>Perinatal exposure</b>	<b>53</b>	<b>54</b>	<b>54</b>	<b>56</b>	<b>60</b>
<b>Other/unknown</b>	<b>933</b>	<b>978</b>	<b>1,128</b>	<b>1,265</b>	<b>1,407</b>
<b>Total</b>	<b>4,962</b>	<b>5,248</b>	<b>5,596</b>	<b>5,958</b>	<b>6,336</b>

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

		<b>Cumulative deaths through 2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>Cumulative deaths through 2009(Total)</b>
<b>Sex</b>		<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
	<b>Female</b>	463	51	46	33	*	*	616
	<b>Male</b>	1,919	138	96	79	41	8	2,281
	<b>Total</b>	2,382	189	142	112	61	11	2,897

**Number of deaths among persons with diagnosis of HIV in Shelby 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	17	*	*	0	*	*	22
American Indian/Alaska Native, Not Hispanic	2	*	*	0	0	0	3
Asian, Not Hispanic	0	0	0	0	0	0	0
Black, Not Hispanic	1,740	160	124	102	53	8	2,187
Native Hawaiian/Pacific Islander, Not Hispanic	0	0	0	0	0	0	0
White, Not Hispanic	615	23	16	10	*	*	672
Multiple Race, Not Hispanic	7	*	*	0	*	0	12
<b>Total</b>	<b>2,382</b>	<b>189</b>	<b>142</b>	<b>112</b>	<b>61</b>	<b>11</b>	<b>2,897</b>

**Number of deaths among persons with diagnosis of HIV in Shelby 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	10	0	0	0	0	0	10
13 to 14	0	*	0	0	0	*	0
15 to 24	94	*	0	*	0	0	100
25 to 34	760	38	20	20	*	*	852
35 to 44	906	59	49	42	12	5	1,073
45 to 54	409	55	55	35	*	*	577
55 to 64	132	25	11	11	*	*	191
>=65	71	8	7	*	5	*	94
<b>Total</b>	<b>2,382</b>	<b>189</b>	<b>142</b>	<b>112</b>	<b>61</b>	<b>11</b>	<b>2,897</b>

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

	<b>Cumulative deaths through 2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>Cumulative deaths through 2009(Total)</b>
<b>Transmission category</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>	<b>No.</b>
Male-to-male sex	1,258	81	55	50	*	*	1,463
Injection drug use (IDU)	239	16	15	5	*	*	278
Male-to-male sex and IDU	167	*	*	*	*	*	177
Heterosexual contact	524	54	38	33	*	*	674
Perinatal exposure	8	*	*	*	0	0	8
Other/unknown	186	35	32	23	*	*	297
<b>Total</b>	<b>2,382</b>	<b>189</b>	<b>142</b>	<b>112</b>	<b>61</b>	<b>11</b>	<b>2,897</b>