

HIV Disease Epi Profile for Tennessee State, 2015

Number of diagnosed HIV disease cases in Tennessee State, by sex and race/ethnicity – 2015						
Race/ethnicity	Male		Female		Total	
	No.	%	No.	%	No.	%
Hispanic, All races	36	6.3	5	3.5	41	5.8
American Indian/Alaska Native, Not Hispanic	2	0.4	0	0.0	2	0.3
Asian, Not Hispanic	4	0.7	4	2.8	8	1.1
Black, Not Hispanic	337	59.2	84	58.7	421	59.1
Native Hawaiian/Pacific Islander, Not Hispanic	1	0.2	0	0.0	1	0.1
White, Not Hispanic	187	32.9	50	35.0	237	33.3
Multiple Race, Not Hispanic	2	0.4	0	0.0	2	0.3
Total	569	100.0	143	100.0	712	100.0

Number of diagnosed HIV disease cases in Tennessee State, by sex and age at diagnosis - 2015

Age	Male		Female		Total	
	No.	%	No.	%	No.	%
<13	3	0.5	4	2.8	7	1.0
13 to 14	1	0.2	1	0.7	2	0.3
15 to 24	161	28.3	18	12.6	179	25.1
25 to 34	198	34.8	49	34.3	247	34.7
35 to 44	89	15.6	32	22.4	121	17.0
45 to 54	87	15.3	21	14.7	108	15.2
55 to 64	26	4.6	15	10.5	41	5.8
>=65	4	0.7	3	2.1	7	1.0
Total	569	100.0	143	100.0	712	100.0

Number of diagnosed HIV disease cases in Tennessee State, by sex and transmission category - 2015

Transmission category	Male		Female		Total	
	No.	%	No.	%	No.	%
Male-to-male sex	380	66.8	0	0.0	380	53.4
Injection drug use (IDU)	19	3.3	17	11.9	36	5.1
Male-to-male sex and IDU	15	2.6	0	0.0	15	2.1
Heterosexual contact	53	9.3	76	53.1	129	18.1
Presumed heterosexual (female)	0	0.0	17	11.9	17	2.4
Perinatal exposure	1	0.2	4	2.8	5	0.7
Other/unknown	101	17.8	29	20.3	130	18.3
Total	569	100.0	143	100.0	712	100.0
Bisexual-male among male-to-male sex	83	100.0	0	0.0	83	100.0
Heterosexual contact break down						
Heterosexual with bisexual partner	0	0.0	3	3.9	3	2.3
Heterosexual with blood receiver	1	1.9	1	1.3	2	1.6
Heterosexual with HIV+ partner	49	92.5	64	84.2	113	87.6
Heterosexual with IDU partner	3	5.7	8	10.5	11	8.5
Subtotal	53	100.0	76	100.0	129	100.0

Number of diagnosed HIV disease cases in Tennessee State, by race/ethnicity and transmission category - 2015

	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
Transmission category	No.	No.	No.	No.	No.	No.	No.	No.
Male-to-male sex	128	223	24	0	1	2	2	380
Injection drug use (IDU)	25	9	1	1	0	0	0	36
Male-to-male sex and IDU	11	4	0	0	0	0	0	15
Heterosexual contact	33	87	8	1	0	0	0	129
Presumed heterosexual (female)	6	9	0	2	0	0	0	17
Perinatal exposure	1	4	0	0	0	0	0	5
Other/unknown	33	85	8	4	0	0	0	130
Total	237	421	41	8	1	2	2	712
Bisexual-male among male-to-male sex	28	46	8	0	1	0	0	83
Heterosexual contact break down								
Heterosexual with bisexual partner	0	3	0	0	0	0	0	3
Heterosexual with blood receiver	0	2	0	0	0	0	0	2
Heterosexual with HIV+ partner	25	79	8	1	0	0	0	113
Heterosexual with IDU partner	8	3	0	0	0	0	0	11
Subtotal	33	87	8	1	0	0	0	129

Number of diagnosed HIV disease cases in Tennessee State, by sex and tuberculosis comorbidity – 2015

Tuberculosis diagnosis	Male		Female		Total	
	No.	%	No.	%	No.	%
Not diagnosed	569	100.0	143	100.0	712	100.0
Definitive case	0	0.0	0	0.0	0	0.0
Presumptive case	0	0.0	0	0.0	0	0.0
Total	569	100.0	143	100.0	712	100.0

Number of deaths among persons with diagnosis of HIV disease in Tennessee State, by sex and race/ethnicity - 2015

Race/ethnicity	Male		Female		Total	
	No.	%	No.	%	No.	%
Hispanic, All races	1	1.4	1	3.1	2	1.9
American Indian/Alaska Native, Not Hispanic	0	0.0	0	0.0	0	0.0
Asian, Not Hispanic	0	0.0	0	0.0	0	0.0
Black, Not Hispanic	36	50.7	24	75.0	60	58.3
Native Hawaiian/Pacific Islander, Not Hispanic	0	0.0	0	0.0	0	0.0
White, Not Hispanic	32	45.1	4	12.5	36	35.0
Multiple Race, Not Hispanic	2	2.8	3	9.4	5	4.9
Total	71	100.0	32	100.0	103	100.0

Number of persons diagnosed with HIV disease in Tennessee State, by year of diagnosis and sex

	Cumulative cases through 2010	2011	2012	2013	2014	2015	Cumulative cases through 2015 (Total)
Sex	No.	No.	No.	No.	No.	No.	No.
Female	5,559	209	200	154	160	143	6,425
Male	18,217	643	665	630	593	569	21,317
Total	23,776	852	865	784	753	712	27,742
Transgender	59	2	9	6	6	9	91

Number of persons diagnosed with HIV disease in Tennessee State, by year of diagnosis and race/ethnicity

	Cumulative cases through 2010	2011	2012	2013	2014	2015	Cumulative cases through 2015 (Total)
Race/ethnicity	No.	No.	No.	No.	No.	No.	No.
Hispanic, All races	620	42	43	38	47	41	831
American Indian/Alaska Native, Not Hispanic	19	1	0	0	1	2	23
Asian, Not Hispanic	29	7	5	7	3	8	59
Black, Not Hispanic	13,310	501	509	461	439	421	15,641
Native Hawaiian/Pacific Islander, Not Hispanic	10	0	0	0	1	1	12
White, Not Hispanic	9,484	275	279	252	245	237	10,772
Multiple Race, Not Hispanic	304	26	29	26	17	2	404
Total	23,776	852	865	784	753	712	27,742

Number of persons diagnosed with HIV disease in Tennessee State, by year of diagnosis and age at diagnosis

	Cumulative cases through 2010	2011	2012	2013	2014	2015	Cumulative cases through 2015 (Total)
Age	No.	No.	No.	No.	No.	No.	No.
<13	201	7	9	4	10	7	238
13 to 14	27	1	2	1	1	2	34
15 to 24	3,758	217	233	203	216	179	4,806
25 to 34	8,616	211	237	238	220	247	9,769
35 to 44	7,060	202	157	136	143	121	7,819
45 to 54	2,953	158	143	129	103	108	3,594
55 to 64	911	45	71	56	42	41	1,166
>=65	250	11	13	17	18	7	316
Total	23,776	852	865	784	753	712	27,742

Number of persons diagnosed with HIV disease in Tennessee State, by year of diagnosis and transmission category

	Cumulative cases through 2010	2011	2012	2013	2014	2015	Cumulative cases through 2015 (Total)
Transmission category	No.	No.	No.	No.	No.	No.	No.
Male-to-male sex	11,509	399	419	471	434	380	13,612
Injection drug use (IDU)	2,586	21	19	14	27	36	2,703
Male-to-male sex and IDU	973	11	11	13	12	15	1,035
Heterosexual contact	5,146	213	194	163	185	129	6,030
Presumed heterosexual (female)	276	41	35	19	17	17	405
Perinatal exposure	159	4	3	3	10	5	184
Other/unknown	3,127	163	184	101	68	130	3,773
Total	23,776	852	865	784	753	712	27,742
Bisexual-male among male-to-male sex	3,457	75	73	83	73	83	3,844
Heterosexual contact break down							
Heterosexual with bisexual partner	313	1	4	0	3	3	324
Heterosexual with blood receiver	61	1	3	2	4	2	73
Heterosexual with HIV+ partner	4,008	208	182	158	172	113	4841
Heterosexual with IDU partner	764	3	5	3	6	11	792
Subtotal	5,146	213	194	163	185	129	6,030

Number of persons living with diagnosis of HIV disease in Tennessee State, by year and sex*

	2011	2012	2013	2014	2015
Sex	No.	No.	No.	No.	No.
Female	3,785	3,960	4,090	4,237	4,378
Male	10,272	10,855	11,426	11,979	12,525
Total	14,057	14,815	15,516	16,216	16,903

*Calculation of the total number of persons living with HIV disease in Tennessee has been modified. All HIV infected persons who resided in Tennessee in a specific year were counted, no matter where the diseases were initially diagnosed.

Number of persons living with diagnosis of HIV disease in Tennessee State, by year and race/ethnicity

	2011	2012	2013	2014	2015
Race/ethnicity	No.	No.	No.	No.	No.
Hispanic, All races	607	641	682	724	764
American Indian/Alaska Native, Not Hispanic	12	12	12	13	15
Asian, Not Hispanic	36	41	47	50	58
Black, Not Hispanic	7,838	8,287	8,710	9,124	9,535
Native Hawaiian/Pacific Islander, Not Hispanic	7	7	7	8	9
White, Not Hispanic	5,293	5,539	5,745	5,966	6,189
Multiple Race, Not Hispanic	264	288	313	331	333
Total	14,057	14,815	15,516	16,216	16,903

Number of persons living with diagnosis of HIV disease in Tennessee State, by year and age at that year

	2011	2012	2013	2014	2015
Age at the year	No.	No.	No.	No.	No.
<13	72	78	74	78	72
13 to 14	16	15	16	17	22
15 to 24	724	784	777	780	741
25 to 34	2,479	2,585	2,698	2,760	2,860
35 to 44	4,014	3,909	3,900	3,859	3,816
45 to 54	4,607	4,893	5,073	5,311	5,479
55 to 64	1,755	2,058	2,387	2,703	3,056
>=65	390	493	591	708	857
Total	14,057	14,815	15,516	16,216	16,903

Number of persons living with diagnosis of HIV disease in Tennessee State, by year and transmission category

	2011	2012	2013	2014	2015
Transmission category	No.	No.	No.	No.	No.
Male-to-male sex	6,639	7,020	7,442	7,852	8,217
Injection drug use (IDU)	1,060	1,078	1,087	1,108	1,144
Male-to-male sex and IDU	435	447	462	478	494
Heterosexual contact	3,436	3,597	3,742	3,912	4,040
Presumed heterosexual (female)	254	285	298	313	330
Perinatal exposure	143	146	150	160	166
Other/unknown	2,090	2,242	2,335	2,393	2,512
Total	14,057	14,815	15,516	16,216	16,903
Bisexual-male among male-to-male sex	1,902	1,973	2,049	2,118	2,194
Heterosexual contact break down					
Heterosexual with bisexual partner	172	174	175	177	180
Heterosexual with blood receiver	39	44	47	50	53
Heterosexual with HIV+ partner	2,837	2,986	3,125	3,285	3,395
Heterosexual with IDU partner	388	393	395	400	412
Subtotal	3,436	3,597	3,742	3,912	4,040

Number of deaths among persons with diagnosis of HIV disease in Tennessee State, by year of death and sex

Sex	Cumulative deaths through 2010	2011	2012	2013	2014	2015	Cumulative deaths through 2015 (Total)
	No.	No.	No.	No.	No.	No.	No.
Female	1,635	81	81	72	84	32	1,985
Male	7,146	238	211	222	192	71	8,080
Total	8,781	319	292	294	276	103	10,065

Number of deaths among persons with diagnosis of HIV disease in Tennessee State, by year of death and race/ethnicity

	Cumulative deaths through 2010	2011	2012	2013	2014	2015	Cumulative deaths through 2015 (Total)
Race/ethnicity	No.	No.	No.	No.	No.	No.	No.
Hispanic, All races	105	5	1	5	8	2	126
American Indian/Alaska Native, Not Hispanic	8	1	0	1	0	0	10
Asian, Not Hispanic	1	0	0	0	0	0	1
Black, Not Hispanic	4,738	188	164	175	170	60	5,495
Native Hawaiian/Pacific Islander, Not Hispanic	0	0	0	0	0	0	0
White, Not Hispanic	3,883	117	123	105	92	36	4,356
Multiple Race, Not Hispanic	46	4	4	7	6	5	77
Total	8,781	319	292	294	276	103	10,065

Number of deaths among persons with diagnosis of HIV disease in Tennessee State, by year of death and age at death

Age at death	Cumulative deaths through 2010	2011	2012	2013	2014	2015	Cumulative deaths through 2015 (Total)
	No.	No.	No.	No.	No.	No.	No.
<13	34	0	0	0	0	0	34
13 to 14	2	0	0	0	0	0	2
15 to 24	202	3	1	1	5	4	216
25 to 34	2,277	34	24	19	21	17	2,392
35 to 44	3,217	62	69	56	49	12	3,465
45 to 54	1,999	117	106	102	81	35	2,440
55 to 64	767	70	76	80	79	25	1,097
>=65	283	33	16	36	41	10	419
Total	8,781	319	292	294	276	103	10,065

Number of deaths among persons with diagnosis of HIV disease in Tennessee State, by year of death and transmission category

	Cumulative deaths through 2010	2011	2012	2013	2014	2015	Cumulative deaths through 2015 (Total)
Transmission category	No.	No.	No.	No.	No.	No.	No.
Male-to-male sex	4,377	117	106	116	94	38	4,848
Injection drug use (IDU)	1,361	34	42	29	29	11	1,506
Male-to-male sex and IDU	543	12	6	9	8	3	581
Heterosexual contact	1,540	82	70	73	86	29	1,880
Presumed heterosexual (female)	42	9	3	2	6	1	63
Perinatal exposure	29	1	0	0	0	1	31
Other/unknown	889	64	65	65	53	20	1,156
Total	8,781	319	292	294	276	103	10,065
Bisexual-male among male-to-male sex	1351	37	31	39	37	20	1,515
Heterosexual contact break down							
Heterosexual with bisexual partner	111	7	4	6	6	0	134
Heterosexual with blood receiver	22	0	0	1	0	0	23
Heterosexual with HIV+ partner	1,060	69	57	62	73	26	1,347
Heterosexual with IDU partner	347	6	9	4	7	3	376
Subtotal	1,540	82	70	73	86	29	1,880

**Number of transgender among persons with diagnosis of HIV disease in Tennessee State in 2015 and cumulative total
by race/ethnicity, transmission category, and age group**

Race/ethnicity	2015	cumulative total	by Age	2015	cumulative total	by transmission category	2015	cumulative total
Hispanic, All races	0	5	<13	0	0	Male-to-male sex	6	66
American Indian/Alaska Native, Not Hispanic	0	0	13 to 14	0	1	Injection drug use (IDU)	0	2
Asian, Not Hispanic	0	0	15 to 24	0	29	Male-to-male sex and IDU	1	3
Black, Not Hispanic	7	57	25 to 34	5	33	Heterosexual contact	1	10
Native Hawaiian/Pacific Islander, Not Hispanic	0	0	35 to 44	1	12	Presumed heterosexual (female)	0	2
White, Not Hispanic	2	28	45 to 54	2	13	Perinatal exposure	0	0
Multiple Race, Not Hispanic	0	1	55 to 64	1	3	Other/unknown	1	8
			>=65	0	0			
Total	9	91	Total	9	91	Total	9	91