

## Detailed Data Tables: Adolescents and Young Adults

**Table 1. People diagnosed with HIV infection by age at diagnosis: Massachusetts, before 1999, 1999–2008<sup>1</sup>**

Year	<13		13 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 to 44		45 to 49		50 to 54		55 to 59		60+		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	
<1999	402	2%	247	1%	1,342	7%	3,606	17%	5,121	25%	4,426	21%	2,856	14%	1,397	7%	626	3%	288	1%	315	2%		<b>20,626</b>
1999	18	1%	19	1%	64	5%	147	11%	287	21%	314	23%	245	18%	152	11%	64	5%	37	3%	22	2%		<b>1,369</b>
2000	14	1%	29	2%	66	5%	145	12%	217	18%	291	24%	228	18%	113	9%	66	5%	33	3%	35	3%		<b>1,237</b>
2001	10	1%	19	2%	51	5%	111	11%	203	20%	242	23%	174	17%	130	13%	59	6%	16	2%	23	2%		<b>1,038</b>
2002	4	<1%	24	2%	77	7%	126	11%	194	18%	247	22%	191	17%	114	10%	66	6%	37	3%	27	2%		<b>1,107</b>
2003	9	1%	17	2%	60	6%	101	10%	170	17%	214	21%	173	17%	134	13%	68	7%	26	3%	31	3%		<b>1,003</b>
2004	11	1%	18	2%	66	7%	106	11%	149	15%	191	19%	176	18%	131	13%	70	7%	39	4%	30	3%		<b>987</b>
2005	4	<1%	9	1%	60	7%	95	11%	151	17%	149	17%	187	21%	129	14%	60	7%	33	4%	23	3%		<b>900</b>
2006	4	1%	19	2%	62	8%	92	12%	85	11%	142	18%	135	17%	115	15%	61	8%	41	5%	28	4%		<b>784</b>
2007	2	<1%	11	2%	50	8%	66	11%	77	12%	109	18%	113	18%	87	14%	54	9%	24	4%	24	4%		<b>617</b>
2008	0	0%	9	2%	43	8%	87	15%	80	14%	66	12%	86	15%	84	15%	52	9%	34	6%	22	4%		<b>563</b>

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/10

**Table 2. Males diagnosed with HIV infection by age at diagnosis: Massachusetts, before 1999, 1999–2008<sup>1</sup>**

Year	<13		13 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 to 44		45 to 49		50 to 54		55 to 59		60+		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	217	1%	145	1%	853	5%	2,669	17%	3,915	25%	3,565	22%	2,376	15%	1,165	7%	511	3%	236	1%	253	2%	<b>15,905</b>
1999	11	1%	6	1%	39	4%	84	9%	207	22%	224	24%	181	19%	109	11%	42	4%	25	3%	20	2%	<b>948</b>
2000	7	1%	14	2%	32	4%	88	10%	148	17%	209	24%	172	20%	87	10%	50	6%	30	3%	26	3%	<b>863</b>
2001	3	<1%	12	2%	24	3%	76	10%	137	19%	186	25%	126	17%	93	13%	44	6%	15	2%	16	2%	<b>732</b>
2002	2	<1%	13	2%	45	6%	73	10%	125	17%	177	24%	137	18%	81	11%	53	7%	24	3%	23	3%	<b>753</b>
2003	5	1%	9	1%	36	5%	57	8%	114	17%	162	24%	123	18%	87	13%	53	8%	19	3%	20	3%	<b>685</b>
2004	4	1%	8	1%	43	6%	65	9%	98	14%	152	22%	127	18%	94	14%	45	7%	32	5%	24	3%	<b>692</b>
2005	0	0%	5	1%	38	6%	70	11%	110	17%	115	17%	143	22%	97	15%	43	7%	21	3%	16	2%	<b>658</b>
2006	2	<1%	9	2%	39	7%	60	11%	58	10%	109	19%	102	18%	89	16%	48	9%	25	4%	22	4%	<b>563</b>
2007	0	0%	5	1%	38	9%	49	11%	52	12%	82	18%	81	18%	63	14%	45	10%	15	3%	17	4%	<b>447</b>
2008	0	0%	7	2%	35	8%	65	16%	53	13%	47	11%	65	16%	65	16%	38	9%	26	6%	16	4%	<b>417</b>

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/10

**Table 3. Females diagnosed with HIV infection by age at diagnosis: Massachusetts, before 1999, 1999–2008<sup>1</sup>**

Year	<13		13 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 to 44		45 to 49		50 to 54		55 to 59		60+		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	185	4%	102	2%	489	10%	937	20%	1,206	26%	861	18%	480	10%	232	5%	115	2%	52	1%	62	1%	<b>4,721</b>
1999	7	2%	13	3%	25	6%	63	15%	80	19%	90	21%	64	15%	43	10%	22	5%	12	3%	2	<1%	<b>421</b>
2000	7	2%	15	4%	34	9%	57	15%	69	18%	82	22%	56	15%	26	7%	16	4%	3	1%	9	2%	<b>374</b>
2001	7	2%	7	2%	27	9%	35	11%	66	22%	56	18%	48	16%	37	12%	15	5%	1	<1%	7	2%	<b>306</b>
2002	2	1%	11	3%	32	9%	53	15%	69	19%	70	20%	54	15%	33	9%	13	4%	13	4%	4	1%	<b>354</b>
2003	4	1%	8	3%	24	8%	44	14%	56	18%	52	16%	50	16%	47	15%	15	5%	7	2%	11	3%	<b>318</b>
2004	7	2%	10	3%	23	8%	41	14%	51	17%	39	13%	49	17%	37	13%	25	8%	7	2%	6	2%	<b>295</b>
2005	4	2%	4	2%	22	9%	25	10%	41	17%	34	14%	44	18%	32	13%	17	7%	12	5%	7	3%	<b>242</b>
2006	2	1%	10	5%	23	10%	32	14%	27	12%	33	15%	33	15%	26	12%	13	6%	16	7%	6	3%	<b>221</b>
2007	2	1%	6	4%	12	7%	17	10%	25	15%	27	16%	32	19%	24	14%	9	5%	9	5%	7	4%	<b>170</b>
2008																							

<sup>1</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/10

**Table 4. People living with HIV/AIDS on December 31, 2009 by current age and gender: Massachusetts**

Age in years	Male		Female		State Total	
	N	%	N	%	N	%
Under 13	26	<1%	27	1%	53	<1%
13 to 19	84	1%	81	2%	165	1%
20 to 24	155	1%	103	2%	258	1%
25 to 29	358	3%	196	4%	554	3%
30 to 34	594	5%	403	8%	997	6%
35 to 39	1,170	9%	652	13%	1,822	10%
40 to 44	2,273	18%	1,020	20%	3,293	18%
45 to 49	3,080	24%	1,063	21%	4,143	23%
50 to 54	2,458	19%	847	16%	3,305	18%
55 to 59	1,265	10%	343	7%	1,608	9%
60+	1,415	11%	432	8%	1,847	10%
<b>Total</b>	<b>12,878</b>	<b>100%</b>	<b>5,167</b>	<b>100%</b>	<b>18,045</b>	<b>100%</b>

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 5. People living with HIV/AIDS on December 31, 2009 by age at HIV infection diagnosis: Massachusetts**

Age (years)	N	%
Under 13	331	2%
13 to 19	339	2%
20 to 24	1,403	8%
25 to 29	2,818	16%
30 to 34	3,776	21%
35 to 39	3,684	20%
40 to 44	2,682	15%
45 to 49	1,589	9%
50 to 54	783	4%
55 to 59	297	2%
60+	343	2%
<b>Total</b>	<b>18,045</b>	<b>100%</b>

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 6. People diagnosed with HIV infection by age at diagnosis and Health Service Region (HSR):<sup>1</sup> Massachusetts, 2006–2008<sup>2</sup>**

HSR	Age at HIV Diagnosis (years)								Total <sup>3</sup> N
	13–19		20–24		13–24		25+		
	N	%	N	%	N	%	N	%	N
Boston	10	2%	53	9%	63	11%	534	89%	599
Central	6	3%	16	9%	22	13%	152	87%	174
Metro West	5	2%	28	9%	33	11%	274	89%	309
Northeast	4	1%	26	8%	30	9%	287	90%	319
Southeast	5	2%	17	6%	22	8%	252	92%	274
Western	9	4%	11	5%	20	9%	196	91%	216
Prison <sup>4</sup>	0	0%	4	6%	4	6%	67	94%	71
<b>MA Total</b>	<b>39</b>	<b>2%</b>	<b>155</b>	<b>8%</b>	<b>194</b>	<b>10%</b>	<b>1,764</b>	<b>90%</b>	<b>1,964</b>

<sup>1</sup> Reflects the Health Service Region of a person's residence at the time of report (not necessarily current residence); see Epidemiologic Profile General Appendices, Health Service Region Maps, available at

[http://www.mass.gov/dph/aids/research/profile2005/app5\\_hrs\\_maps.pdf](http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf) for configuration of Health Service Regions

<sup>2</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>3</sup> Totals include people diagnosed with HIV infection at less than 13 years of age

<sup>4</sup> HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 7. Ten cities/towns<sup>1</sup> in Massachusetts with the highest proportion of HIV infection diagnoses (HIV Dx) among adolescents and young adults (13–24 years old): 2006–2008<sup>2</sup>**

Rank	City/Town	Number of HIV Dx among 13–24 yr. olds	Total Number of HIV Dx	Percent of Total HIV Dx
1	Waltham	5	25	20.0%
2	Somerville	6	40	15.0%
3	Lynn	6	41	14.6%
4	Malden	5	36	13.9%
5	New Bedford	6	47	12.8%
6	Everett	3	25	12.0%
7	Worcester	12	106	11.3%
8	Lowell	5	46	10.9%
9	Springfield	11	102	10.8%
10	Boston	60	563	10.7%

<sup>1</sup> Among cities/towns with over 20 reported HIV Infection diagnoses in the years 2006–2008. Note: reflects the city/town of a person's residence at the time of report (not necessarily current residence). People diagnosed while at a correctional facility are not included

<sup>2</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 8. People diagnosed with HIV infection, age at diagnosis by gender and race/ethnicity: Massachusetts, 2006–2008<sup>1</sup>**

	Age at HIV Diagnosis (years)							
	13–19		20–24		13–24		25+	
Gender:	N	%	N	%	N	%	N	%
Male	21	54%	112	72%	133	69%	1,292	73%
Female	18	46%	43	28%	61	31%	472	27%
Race:	N	%	N	%	N	%	N	%
White NH <sup>2</sup>	7	18%	58	37%	65	34%	751	43%
Black NH	16	41%	49	32%	65	34%	536	30%
Hispanic	15	38%	42	27%	57	29%	433	25%
API <sup>3</sup>	1	3%	6	4%	7	4%	38	2%
Other/Unk. <sup>4</sup>	0	0%	0	0%	0	0%	6	<1%
<b>Total</b>	<b>39</b>	<b>100%</b>	<b>155</b>	<b>100%</b>	<b>194</b>	<b>100%</b>	<b>1,764</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
<sup>2</sup> NH = Non-Hispanic  
<sup>3</sup> API = Asian/Pacific Islander  
<sup>4</sup> Other/Unk. = Other/Unknown  
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 9. People living with HIV/AIDS, age on December 31, 2009 by gender and race/ethnicity: Massachusetts**

	Age on December 31, 2009 (years)							
	13–19		20–24		13–24		25+	
Gender:	N	%	N	%	N	%	N	%
Male	84	51%	155	60%	239	57%	12,613	72%
Female	81	49%	103	40%	184	43%	4,956	28%
Race:	N	%	N	%	N	%	N	%
White NH <sup>1</sup>	45	27%	59	23%	104	25%	7,913	45%
Black NH	68	41%	109	42%	177	42%	4,938	28%
Hispanic	50	30%	86	33%	136	32%	4,392	25%
API <sup>2</sup>	2	1%	3	1%	5	1%	239	1%
Other/Unk. <sup>3</sup>	0	0%	1	<1%	1	<1%	87	<1%
<b>Total</b>	<b>165</b>	<b>100%</b>	<b>258</b>	<b>100%</b>	<b>423</b>	<b>100%</b>	<b>17,569</b>	<b>100%</b>

<sup>1</sup> NH = Non-Hispanic  
<sup>2</sup> API = Asian/Pacific Islander  
<sup>3</sup> Other/Unk. = Other/Unknown  
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 10. People diagnosed with HIV by age at diagnosis and exposure mode: Massachusetts, 2006–2008<sup>1</sup>**

	Age at Diagnosis (years)							
	13–19		20–24		13–24		25+	
By Exposure Mode:	N	%	N	%	N	%	N	%
Male-to-Male Sex (MSM)	17	44%	82	53%	99	51%	687	39%
Injection Drug Use (IDU)	1	3%	10	6%	11	6%	226	13%
MSM/IDU	0	0%	6	4%	6	3%	50	3%
Total Heterosexual Sex (HTSX)	4	10%	14	9%	18	9%	178	10%
• HTSX w/IDU	1	3%	4	3%	5	3%	40	2%
• HTSX w/ bisexual male	0	0%	0	0%	0	0%	4	<1%
• HTSX w/ blood/blood products <sup>2</sup>	0	0%	0	0%	0	0%	1	<1%
• HTSX w/ person w/ HIV/AIDS	3	8%	10	6%	13	7%	133	8%
Blood/Blood Products	0	0%	0	0%	0	0%	2	<1%
Pediatric	2	5%	0	0%	2	1%	0	0%
Total Undetermined/Other	15	38%	43	28%	58	30%	621	35%
• Presumed HTSX <sup>3</sup>	10	26%	26	17%	36	19%	412	23%
• Undetermined/Other <sup>4</sup>	5	13%	17	11%	22	11%	209	12%
<b>Total</b>	<b>39</b>	<b>100%</b>	<b>155</b>	<b>100%</b>	<b>194</b>	<b>100%</b>	<b>1,764</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Heterosexual sex with a person who received blood/blood products

<sup>3</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>4</sup> Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 1/1/10

*Note: The category of “presumed heterosexual sex” is used in Massachusetts to re-assign people who are reported with no identified risk but who are known to have not reported any other risks except heterosexual sex with a partner of unknown HIV status or risk. Massachusetts uses this category to distinguish these cases from other undetermined cases about which we know less. Nationally, the Centers for Disease Control and Prevention categorizes “presumed heterosexual sex” cases as “no identified risk” (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data. Caution should be used in interpreting data for presumed heterosexual, as it is still not clear what the exposure risk is for people in this category. Although a person may not report other risk behaviors such as injection drug use or male-to-male sex to his/her health care provider, it does not necessarily mean that he/she has not engaged in them. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a limited patient-provider relationship or stigma.*

**Table 11. People living with HIV/AIDS on December 31, 2009, current age by exposure mode: Massachusetts**

By Exposure Mode:	Age on December 31, 2009 (years)							
	13–19		20–24		13–24		25+	
	N	%	N	%	N	%	N	%
Male-to-Male Sex (MSM)	6	4%	79	31%	85	20%	6,231	35%
Injection Drug Use (IDU)	0	0%	6	2%	6	1%	4,279	24%
MSM/IDU	0	0%	1	<1%	1	<1%	607	3%
Total Heterosexual Sex (HTSX)	1	1%	13	5%	14	3%	2,464	14%
• HTSX w/IDU	0	0%	2	1%	2	<1%	952	5%
• HTSX w/ bisexual male	0	0%	1	<1%	1	<1%	47	<1%
• HTSX w/ blood/blood products <sup>1</sup>	0	0%	0	0%	0	0%	26	<1%
• HTSX w/ person w/ HIV/AIDS	1	1%	10	4%	11	3%	1,439	8%
Blood/Blood Products	0	0%	0	0%	0	0%	99	1%
Pediatric	153	93%	101	39%	254	60%	27	<1%
Occupational	0	0%	0	0%	0	0%	1	<1%
Total Undetermined	5	3%	58	23%	63	14%	3,861	22%
• Presumed HTSX <sup>2</sup>	2	1%	38	15%	40	9%	2,775	16%
• Undetermined <sup>3</sup>	3	2%	20	8%	23	5%	1,086	6%
<b>Total</b>	<b>165</b>	<b>100%</b>	<b>258</b>	<b>100%</b>	<b>423</b>	<b>100%</b>	<b>17,569</b>	<b>100%</b>

<sup>1</sup> Heterosexual sex with a person who received blood/blood products

<sup>2</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>3</sup> Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding);

data as of 1/1/10

**Table 12. People living with HIV/AIDS who were exposed to HIV infection perinatally, or through other means before age 13, by age on December 31, 2009**

Age:	N	%
Less than 13	53	16%
13–19	153	46%
20–24	101	30%
25 and over	27	8%
<b>Total</b>	<b>334</b>	<b>100%</b>

Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10

**Table 13. Adolescents and young adults 13–24 years old (on December 31, 2009) who were exposed to HIV infection perinatally, or through other means before age 13, by gender and race/ethnicity**

Gender:	N	%
Male	133	52%
Female	121	48%
Race/Ethnicity:	N	%
White Non-Hispanic	58	23%
Black Non-Hispanic	108	43%
Hispanic	87	34%
Asian/Pacific Islander	1	<1%
<b>Total</b>	<b>254</b>	<b>100%</b>
Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10		

**Table 14. People diagnosed with HIV infection between 13–24 years of age, gender by race/ethnicity and exposure mode: Massachusetts, 2006–2008<sup>1</sup>**

Race/Ethnicity:	Male		Female	
	N	%	N	%
White (non-Hispanic)	53	40%	12	20%
Black (non-Hispanic)	37	28%	28	46%
Hispanic	39	29%	18	30%
Asian/Pacific Islander	4	3%	3	5%
Other/Unknown	0	0%	0	0%
Exposure Mode:	N	%	N	%
Male-to-Male Sex (MSM)	99	74%	N/A <sup>2</sup>	N/A
Injection Drug Use (IDU)	5	4%	6	10%
MSM/IDU	6	5%	N/A	N/A
Heterosexual sex (HTSX)	3	2%	15	25%
Other <sup>3</sup>	1	1%	1	2%
Total Undetermined	19	14%	39	64%
• Presumed HTSX <sup>4</sup>	7	5%	29	48%
• Undetermined <sup>5</sup>	12	9%	10	16%
<b>Total</b>	<b>133</b>	<b>100%</b>	<b>61</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> N/A = Not Applicable

<sup>3</sup> Other includes pediatric and receipt of blood/blood products

<sup>4</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>5</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10

**Table 15. People diagnosed with HIV infection at 25 years of age and older, gender by race/ethnicity and exposure mode: Massachusetts, 2006–2008<sup>1</sup>**

	Male		Female	
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	648	50%	103	22%
Black (non-Hispanic)	296	23%	240	51%
Hispanic	312	24%	121	26%
Asian/Pacific Islander	31	2%	7	1%
Other/Unknown	5	<1%	1	<1%
Exposure Mode:	N	%	N	%
Male-to-Male Sex (MSM)	687	53%	N/A <sup>2</sup>	N/A
Injection Drug Use (IDU)	145	11%	81	17%
MSM/IDU	50	4%	N/A	N/A
Heterosexual sex (HTSX)	70	5%	108	23%
Other <sup>3</sup>	2	<1%	0	0%
Total Undetermined	338	26%	283	60%
• Presumed HTSX <sup>3</sup>	191	15%	221	47%
• Undetermined <sup>4</sup>	147	11%	62	13%
<b>Total</b>	<b>1,292</b>	<b>100%</b>	<b>472</b>	<b>100%</b>
<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis <sup>2</sup> N/A = Not Applicable <sup>3</sup> Other includes pediatric and receipt of blood/blood products <sup>4</sup> Heterosexual sex with partners with unknown risk and HIV status <sup>5</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10				

**Table 16. People living with HIV/AIDS on December 31, 2009 between 13–24 years of age, gender by race/ethnicity and exposure mode: Massachusetts**

	Male		Female	
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	64	27%	40	22%
Black (non-Hispanic)	92	38%	85	46%
Hispanic	81	34%	55	30%
Asian/Pacific Islander	1	<1%	4	2%
Other/Unknown	1	<1%	0	0%
Exposure Mode:	N	%	N	%
Male-to-Male Sex (MSM)	85	36%	N/A <sup>1</sup>	N/A
Injection Drug Use (IDU)	2	1%	4	2%
MSM/IDU	1	<1%	N/A	N/A
Heterosexual sex (HTSX)	1	<1%	13	7%
Other <sup>2</sup>	133	56%	121	66%
Total Undetermined	17	8%	46	25%
• Presumed HTSX <sup>3</sup>	6	3%	34	18%
• Undetermined <sup>4</sup>	11	5%	12	7%
<b>Total</b>	<b>239</b>	<b>100%</b>	<b>184</b>	<b>100%</b>
<sup>1</sup> N/A = Not Applicable <sup>2</sup> Other includes pediatric and receipt of blood/blood products <sup>3</sup> Heterosexual sex with partners with unknown risk and HIV status <sup>4</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10				

**Table 17. People living with HIV/AIDS on December 31, 2009 25 years of age and older, gender by race/ethnicity and exposure mode: Massachusetts**

	Male		Female	
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	6,528	52%	1,385	28%
Black (non-Hispanic)	2,856	23%	2,082	42%
Hispanic	2,988	24%	1,404	28%
Asian/Pacific Islander	186	1%	53	1%
Other/Unknown	55	<1%	32	1%
Exposure Mode:	N	%	N	%
Male-to-Male Sex (MSM)	6,231	49%	N/A <sup>1</sup>	N/A
Injection Drug Use (IDU)	2,902	23%	1,377	28%
MSM/IDU	607	5%	N/A	N/A
Heterosexual sex (HTSX)	730	6%	1,734	35%
Other <sup>2</sup>	86	1%	41	1%
Total Undetermined	2,057	16%	1,804	36%
• Presumed HTSX <sup>3</sup>	1,316	10%	1,459	29%
• Undetermined <sup>4</sup>	741	6%	345	7%
<b>Total</b>	<b>12,613</b>	<b>100%</b>	<b>4,956</b>	<b>100%</b>
<sup>1</sup> N/A = Not Applicable <sup>2</sup> Other includes pediatric and receipt of blood/blood products <sup>3</sup> Heterosexual sex with partners with unknown risk and HIV status <sup>4</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10				

**Table 18. People diagnosed with HIV infection between 13–24 years of age, race/ethnicity by exposure mode: Massachusetts, 2006–2008<sup>1</sup>**

Exposure Mode:	White NH <sup>2</sup>		Black NH		Hispanic	
	N	%	N	%	N	%
Male-to-Male Sex (MSM)	42	65%	28	43%	27	47%
Injection Drug Use (IDU)	4	6%	0	0%	5	9%
MSM/IDU	4	6%	1	2%	1	2%
Heterosexual Sex (HTSX)	6	9%	6	9%	6	11%
Other <sup>3</sup>	0	0%	0	0%	2	4%
Total Undetermined	9	14%	30	46%	16	29%
• Presumed Heterosexual <sup>4</sup>	3	5%	22	34%	10	18%
• Undetermined <sup>5</sup>	6	9%	8	12%	6	11%
<b>Total</b>	<b>65</b>	<b>100%</b>	<b>65</b>	<b>100%</b>	<b>57</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> NH = Non-Hispanic

<sup>3</sup> Other includes pediatric and receipt of blood/blood products

<sup>4</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>5</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10

**Table 19. People living with HIV/AIDS on December 31, 2009 between 13–24 years of age, race/ethnicity by exposure mode: Massachusetts**

By Exposure Mode:	White NH <sup>1</sup>		Black NH		Hispanic	
	N	%	N	%	N	%
Male-to-Male Sex (MSM)	28	27%	28	16%	27	20%
Injection Drug Use (IDU)	3	3%	0	0%	2	1%
MSM/IDU	1	1%	0	0%	0	0%
Heterosexual Sex (HTSX)	3	3%	6	3%	5	4%
Other <sup>2</sup>	58	56%	108	61%	87	64%
Total Undetermined	11	11%	35	20%	15	11%
• Presumed Heterosexual <sup>3</sup>	3	3%	25	14%	11	8%
• Undetermined <sup>4</sup>	8	8%	10	6%	4	3%
<b>Total</b>	<b>104</b>	<b>100%</b>	<b>177</b>	<b>100%</b>	<b>136</b>	<b>100%</b>

<sup>1</sup> NH = Non-Hispanic

<sup>2</sup> Other includes pediatric and receipt of blood/blood products

<sup>3</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>4</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10

<b>Table 20. Sexual behavior as reported to the Youth Risk Behavior Survey: Massachusetts</b> <i>Calendar Year 2007</i>		
By Behavior:	Percent of total responding yes to specified question	N <sup>1</sup> (total number of respondents for each question)
Ever had sexual intercourse	44.4%	2,844
Sexual intercourse before age 13	6.1%	2,847
4 or more lifetime sexual intercourse partners	12.3%	2,810
Sexual intercourse in last 3 months	32.7%	2,839
Condom used at last intercourse <sup>2</sup>	61.1%	929
Alcohol/drugs used at last intercourse <sup>2</sup>	24.6%	926
Ever been, gotten someone pregnant	5.2%	3,029
Ever had sexual contact against their will	12.4%	3,079

<sup>1</sup> The number of respondents for each question varies because not all questions are asked of everyone taking the survey and, even when the question is asked, some survey participants do not answer all questions  
<sup>2</sup> Among youth reporting sexual intercourse in the past three months  
 Data Source: Massachusetts Department of Elementary and Secondary Education

<b>Table 21. Massachusetts Youth Risk Behavior Survey respondents reporting condom use at last sexual intercourse by year and gender: Massachusetts, 1993–2007<sup>1</sup></b>						
Year	Males		Females		Total Males + Females	
	%	Total N <sup>2</sup>	%	Total N <sup>2</sup>	%	Total N <sup>2</sup>
1993	57.4%	409	46.7%	462	51.8%	872
1995	59.9%	623	52.0%	626	55.9%	1,253
1997	64.2%	517	50.4%	559	57.0%	1,079
1999	62.6%	589	52.0%	639	57.2%	1,237
2001	61.6%	553	54.9%	582	58.1%	1,139
2003	60.3%	424	57.4%	496	57.4%	922
2005	71.6%	442	59.2%	542	65.0%	986
2007	63.2%	422	59.2%	505	61.1%	929

<sup>1</sup> A random sample of high schools is selected for participation each year; data presented do not represent cohorts followed over time  
<sup>2</sup> Total N = total number of respondents by sex (unweighted). The number of respondents for each question varies from year to year  
 Data Source: Massachusetts Department of Elementary and Secondary Education

**Table 22. Massachusetts Youth Risk Behavior Survey respondents reporting sexual intercourse (ever) by year and gender: Massachusetts, 1993–2007<sup>1</sup>**

Year	Males		Females		Total Males + Females	
	%	Total N <sup>2</sup>	%	Total N <sup>2</sup>	%	Total N <sup>2</sup>
1993	51.4%	1,326	46.0%	1,435	48.7%	2,763
1995	50.3%	1,870	42.8%	1,930	46.5%	3,806
1997	46.8%	1,800	42.4%	1,858	44.7%	3,664
1999	46.4%	1,922	41.8%	2,017	44.1%	3,954
2001	46.3%	1,886	42.3%	1,892	44.3%	3,786
2003	40.8%	1,581	41.1%	1,676	41.0%	3,261
2005	47.9%	1,512	42.9%	1,669	45.4%	3,185
2007	45.2%	1344	43.7%	1495	44.4%	2,844

<sup>1</sup> A random sample of high schools is selected for participation each year; data presented do not represent cohorts followed over time

<sup>2</sup> Total N = total number of respondents by sex (unweighted). The number of respondents for each question varies from year to year

Data Source: Massachusetts Department of Elementary and Secondary Education