

## The HIV/AIDS Epidemic among Communities of Color in Massachusetts – Detailed Data Tables and Technical Notes:

<b>Table 1. Total number of people reported with HIV infection or AIDS<sup>1</sup> by mortality status on December 31, 2009: Massachusetts</b>		
	<b>N</b>	<b>%</b>
People Living with HIV/AIDS	18,045	59%
People Reported with HIV or AIDS who are Deceased	12,492	41%
<b>Total Number of People Reported with HIV Infection or AIDS</b>	<b>30,537</b>	<b>100%</b>

<sup>1</sup> Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.  
Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/10

**Table 2. People living with HIV/AIDS on December 31, 2009 by gender, race/ethnicity, place of birth and Health Service Region:<sup>1</sup> Massachusetts**

<b>People Living with HIV/AIDS on 12/31/09</b>		
<b>Gender:</b>	<b>N</b>	<b>%</b>
Male	12,878	71%
Female	5,167	29%
<b>Race/Ethnicity:</b>	<b>N</b>	<b>%</b>
White (non-Hispanic)	8,024	44%
Black (non-Hispanic)	5,143	29%
Hispanic	4,544	25%
Asian/Pacific Islander	246	1%
Other/Unknown	88	<1%
<b>Place of Birth:</b>	<b>N</b>	<b>%</b>
US	12,132	67%
Puerto Rico/US Dependency <sup>2</sup>	2,170	12%
Non-US	3,743	21%
<b>Health Service Region (HSR):</b>	<b>N</b>	<b>%</b>
Boston HSR	5,786	32%
Central HSR	1,621	9%
Metro West HSR	2,428	13%
Northeast HSR	2,659	15%
Southeast HSR	2,470	14%
Western HSR	2,118	12%
Prison <sup>3</sup>	953	5%
<b>Total<sup>4</sup></b>	<b>18,045</b>	<b>100%</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/Eeohhs2/docs/dph/aids/2006\\_profiles/app\\_hrs\\_maps.pdf](http://www.mass.gov/Eeohhs2/docs/dph/aids/2006_profiles/app_hrs_maps.pdf) for configuration of health service regions.

<sup>2</sup> Ninety-six percent of people living with HIV/AIDS who were born in a US Dependency were born in Puerto Rico, <1% were born in the US Virgin Islands, and 3% were born in an unknown dependency.

<sup>3</sup> HSRs are regions defined geographically to facilitate targeted health service planning. While prisons are not an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. The prisons category represents persons who were diagnosed with HIV/AIDS while in a correctional facility.

<sup>4</sup> Total includes 10 people living with HIV/AIDS with unknown HSR; Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/10

<b>Table 3. People living with HIV/AIDS on December 31, 2009 by exposure mode: Massachusetts</b>		
<b>People Living with HIV/AIDS on 12/31/08</b>		
<b>Exposure Mode:</b>	<b>N</b>	<b>%</b>
Male-to-male sex (MSM)	6,316	35%
Injection Drug Use (IDU)	4,285	24%
MSM/IDU	608	3%
Receipt of Blood/Blood products	99	1%
Pediatric	334	2%
<b>Total Heterosexual Sex (HTSX)</b>	<b>2,478</b>	<b>14%</b>
• HTSX w/ an Injection Drug User	954	5%
• HTSX w/ Bisexual male	48	<1%
• HTSX w/ a person w/ HIV or AIDS	1,450	8%
• Other HTSX <sup>1</sup>	26	<1%
<b>Total Undetermined/Other</b>	<b>3,925</b>	<b>22%</b>
• Presumed Heterosexual Sex <sup>2</sup>	2,815	16%
• Undetermined/Other <sup>3</sup>	1,110	6%
<b>Total</b>	<b>18,045</b>	<b>100%</b>

<sup>1</sup> Includes heterosexual sex with a person who received blood/blood products  
<sup>2</sup> Heterosexual sex with a partner of unknown HIV status or risk  
<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, and those with 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 4. People living with HIV/AIDS on December 31, 2009 by gender and race/ethnicity: Massachusetts**

Race/Ethnicity:	Male		Female		Total	
	N	%	N	%	N	%
White Non-Hispanic	6,595	51%	1,429	28%	8,024	44%
Black Non-Hispanic	2,962	23%	2,181	42%	5,143	29%
Hispanic	3,077	24%	1,467	28%	4,544	25%
Asian/Pacific Islander	188	1%	58	1%	246	1%
Other/Unknown	56	<1%	32	1%	88	<1%
<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 diagnosed with HIV infection by gender and race/ethnicity: Massachusetts, 2006–2008<sup>1</sup>**

Race/Ethnicity:	Male		Female		Total	
	N	%	N	%	N	%
White Non-Hispanic	701	49%	115	21%	<b>816</b>	<b>42%</b>
Black Non-Hispanic	335	23%	272	51%	<b>607</b>	<b>31%</b>
Hispanic	351	25%	139	26%	<b>490</b>	<b>25%</b>
Asian/Pacific Islander	35	2%	10	2%	<b>45</b>	<b>2%</b>
Other/Unknown	5	<1%	1	<1%	<b>6</b>	<b>&lt;1%</b>
<b>Total</b>	<b>1,427</b>	<b>100%</b>	<b>537</b>	<b>100%</b>	<b>1,964</b>	<b>100%</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

<b>Table 6. Crude and age-adjusted HIV/AIDS prevalence (people living with HIV/AIDS) per 100,000 population<sup>1</sup> on December 31, 2009 by race/ethnicity and gender: Massachusetts</b>		
<b>State Total:</b>	<b>Crude rate per 100,000</b>	<b>Age-adjusted rate per 100,000</b>
White (non-Hispanic)	150.6	142.3
Black (non-Hispanic)	1,528.1	1,718.0
Hispanic	1,059.9	1,511.7
Asian/Pacific Islander	100.1	111.6
American Indian/Alaskan Native	235.0	222.6
<b>Total prevalence</b>	<b>281.6</b>	<b>278.7</b>
<b>Males:</b>	<b>Crude rate per 100,000</b>	<b>Age-adjusted rate per 100,000</b>
White (non-Hispanic) Males	257.8	240.8
Black (non-Hispanic) Males	1,826.2	2,176.5
Hispanic Males	1,453.5	2,214.2
Asian/Pacific Islander Males	155.8	175.9
American Indian/Alaskan Native Males	262.4	248.5
<b>Total prevalence among males</b>	<b>416.7</b>	<b>411.1</b>
<b>Females:</b>	<b>Crude rate per 100,000</b>	<b>Age-adjusted rate per 100,000</b>
White (non-Hispanic) Females	51.6	49.8
Black (non-Hispanic) Females	1,250.9	1,337.7
Hispanic Females	675.9	901.7
Asian/Pacific Islander Females	46.4	49.9
American Indian/Alaskan Native Females	207.8	197.2
<b>Total prevalence among females</b>	<b>156.0</b>	<b>155.2</b>
<sup>1</sup> The denominators for prevalence calculations are based on year 2000 population estimates from the MDPH Bureau of Health Statistics, Research and Evaluation Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10		

<b>Table 7. Crude and age-adjusted rates of diagnosis of HIV infection per 100,000 population<sup>1</sup> by race/ethnicity and gender: Average annual rate 2006–2008<sup>2</sup>, Massachusetts</b>		
<b>State total:</b>	<b>Crude rate per 100,000</b>	<b>Age-adjusted rate per 100,000</b>
White (non-Hispanic)	5.1	4.9
Black (non-Hispanic)	60.1	63.7
Hispanic	38.1	47.2
Asian/Pacific Islander	6.1	5.2
American Indian/Alaskan Native	14.5	13.5
<b>Total rate</b>	<b>10.3</b>	<b>10.0</b>
<b>Males:</b>	<b>Crude rate per 100,000</b>	<b>Age-adjusted rate per 100,000</b>
White (non-Hispanic) Males	9.1	8.6
Black (non-Hispanic) Males	68.8	76.0
Hispanic Males	55.3	72.0
Asian/Pacific Islander Males	9.7	8.4
American Indian/Alaskan Native Males	29.2	27.1
<b>Total rate among males</b>	<b>15.6</b>	<b>15.0</b>
<b>Females:</b>	<b>Crude rate per 100,000</b>	<b>Age-adjusted rate per 100,000</b>
White (non-Hispanic) Females	1.4	1.4
Black (non-Hispanic) Females	52.0	53.2
Hispanic Females	21.3	25.3
Asian/Pacific Islander Females	2.7	2.0
American Indian/Alaskan Native Females	0.0	0.0
<b>Total rate among females</b>	<b>5.4</b>	<b>5.4</b>
<sup>1</sup> The denominators for rate calculations are based on year 2000 population estimates from the MDPH Bureau of Health Information, Statistics, Research and Evaluation <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; data as of 1/1/10		

<b>Table 8. Crude and age-adjusted rates of death among people reported with HIV/AIDS per 100,000<sup>1</sup> population by race/ethnicity and gender: average annual rate 2006–2008, Massachusetts</b>		
<b>State Total:</b>	<b>Crude Rate per 100,000</b>	<b>Age-Adjusted Rate per 100,000</b>
White (non-Hispanic)	2.6	2.5
Black (non-Hispanic)	20.5	24.2
Hispanic	13.5	21.1
<b>Total Rate</b>	<b>4.2</b>	<b>4.1</b>
<b>Males:</b>	<b>Crude Rate per 100,000</b>	<b>Age-Adjusted Rate per 100,000</b>
White (non-Hispanic) Males	4.3	4.0
Black (non-Hispanic) Males	24.9	31.8
Hispanic Males	18.9	31.6
<b>Total Rate Among Males</b>	<b>6.3</b>	<b>6.2</b>
<b>Females:</b>	<b>Crude Rate per 100,000</b>	<b>Age-Adjusted Rate per 100,000</b>
White (non-Hispanic) Females	1.1	1.0
Black (non-Hispanic) Females	16.4	18.3
Hispanic Females	8.1	12.4
<b>Total Rate Among Females</b>	<b>2.3</b>	<b>2.3</b>
<sup>1</sup> The denominators for rate calculations are based on year 2000 population estimates from the MDPH Bureau of Health Information, Statistics, Research and Evaluation, all rates are age-adjusted using the 2000 US standard population Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10		

**Table 9. People diagnosed with HIV infection by race/ethnicity<sup>1</sup> and exposure mode: Massachusetts, 2006–2008<sup>2</sup>**

Exposure Mode:	White NH		Black NH		Hispanic		API	
	N	%	N	%	N	%	N	%
MSM	509	62%	98	16%	157	32%	19	42%
IDU	94	12%	43	7%	96	20%	4	9%
MSM/IDU	43	5%	5	1%	7	1%	1	2%
HTSX	41	5%	82	14%	71	14%	1	2%
Other	2	<1%	6	1%	2	0%	0	0%
Total Undetermined	127	16%	373	61%	157	32%	20	44%
Pres. HTSX <sup>4</sup>	63	8%	278	46%	97	20%	9	20%
Undetermined <sup>5</sup>	64	8%	95	16%	60	12%	11	24%
<b>Total</b>	<b>816</b>	<b>100%</b>	<b>607</b>	<b>100%</b>	<b>490</b>	<b>100%</b>	<b>45</b>	<b>100%</b>

<sup>1</sup> Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers  
<sup>2</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
<sup>3</sup> Percentages calculated from a numerator of less than 5 and a denominator of less than 100 are not presented  
<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  
 NH = Non-Hispanic, API = Asian/Pacific Islander, MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex (heterosexual sex with partners with unknown risk and HIV status  
 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. Males diagnosed with HIV infection by race/ethnicity<sup>1</sup> and exposure mode: Massachusetts, 2006–2008<sup>2</sup>**

Exposure Mode:	White NH		Black NH		Hispanic		API	
	N	%	N	%	N	%	N	%
MSM	509	73%	98	29%	157	45%	19	54%
IDU	50	7%	31	9%	66	19%	3	9%
MSM/IDU	43	6%	5	1%	7	2%	1	3%
HTSX	18	3%	28	8%	26	7%	0	0%
Other	2	<1%	2	1%	1	<1%	0	0%
Total Undetermined	79	11%	171	51%	94	27%	12	34%
Pres. HTSX <sup>4</sup>	25	4%	116	35%	51	15%	5	14%
Undetermined <sup>5</sup>	54	8%	55	16%	43	12%	7	20%
<b>Total</b>	<b>701</b>	<b>100%</b>	<b>335</b>	<b>100%</b>	<b>351</b>	<b>100%</b>	<b>35</b>	<b>100%</b>

<sup>1</sup> Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers  
<sup>2</sup> Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
<sup>3</sup> Percentages calculated from a numerator of less than 5 and a denominator of less than 100 are not presented  
<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  
 NH = Non-Hispanic, API = Asian/Pacific Islander, MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex (heterosexual sex with partners with unknown risk and HIV status  
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/10

**Table 11. Females diagnosed with HIV infection by race/ethnicity<sup>1</sup> and exposure mode: Massachusetts, 2006–2008<sup>2</sup>**

Exposure Mode:	White NH		Black NH		Hispanic	
	N	%	N	%	N	%
IDU	44	38%	12	4%	30	22%
HTSX	23	20%	54	20%	45	32%
Other	0	0%	4	1%	1	1%
Total Undetermined	48	42%	202	74%	63	45%
Pres. HTSX	38	33%	162	60%	46	33%
Undetermined <sup>3</sup>	10	9%	40	15%	17	12%
<b>Total</b>	<b>115</b>	<b>100%</b>	<b>272</b>	<b>100%</b>	<b>139</b>	<b>100%</b>

<sup>1</sup> Data for American Indian/Alaska Native, Asian/Pacific Islander and Other/Unknown race/ethnicity are not presented due to small numbers

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

<sup>3</sup> Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up  
 NH = Non-Hispanic, API = Asian/Pacific Islander, IDU = Injection Drug Use, HTSX = Heterosexual Sex, Pres. HTSX = Presumed Heterosexual Sex (heterosexual sex with partners with unknown risk and HIV status)

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. Percentage distribution of people diagnosed with HIV infection by Health Service Region (HSR)<sup>1</sup> and race/ethnicity: Massachusetts, 2006–2008<sup>2</sup>**

HSR	White NH	Black NH	Hispanic	API	Other/Und.	Total
Boston HSR	39%	39%	20%	2%	<1%	<b>599</b>
Central HSR	38%	34%	25%	2%	0%	<b>174</b>
Metro West HSR	46%	32%	18%	4%	0%	<b>309</b>
Northeast HSR	40%	26%	30%	3%	<1%	<b>319</b>
Southeast HSR	55%	26%	17%	1%	<1%	<b>274</b>
Western HSR	32%	18%	49%	<1%	<1%	<b>216</b>
Prison <sup>3</sup>	34%	28%	35%	1%	1%	<b>71</b>
<b>Mass. Total</b>	<b>42%</b>	<b>31%</b>	<b>25%</b>	<b>2%</b>	<b>&lt;1%</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/Eeohhs2/docs/dph/aids/2006\\_profiles/app\\_hrs\\_maps.pdf](http://www.mass.gov/Eeohhs2/docs/dph/aids/2006_profiles/app_hrs_maps.pdf) for configuration of health service regions

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

<sup>3</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

NH = Non-Hispanic, API = Asian/Pacific Islander, Other/Und = Other/Undetermined

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

**Table 13. Percentage distribution of people living with HIV/AIDS on December 31, 2009 by Health Service Region (HSR)<sup>1</sup> and race/ethnicity: Massachusetts**

HSR	White NH	Black NH	Hispanic	API	Other/Und.	Total
Boston HSR	41%	38%	19%	1%	<1%	<b>5,786</b>
Central HSR	44%	22%	33%	1%	<1%	<b>1,621</b>
Metro West HSR	52%	33%	12%	2%	1%	<b>2,428</b>
Northeast HSR	46%	21%	30%	3%	1%	<b>2,659</b>
Southeast HSR	63%	21%	15%	1%	1%	<b>2,470</b>
Western HSR	29%	19%	51%	<1%	1%	<b>2,118</b>
Prison <sup>2</sup>	29%	30%	40%	<1%	1%	<b>953</b>
<b>Mass. Total</b>	<b>44%</b>	<b>29%</b>	<b>25%</b>	<b>1%</b>	<b>&lt;1%</b>	<b>18,045</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/Eeohhs2/docs/dph/aids/2006\\_profiles/app\\_hrs\\_maps.pdf](http://www.mass.gov/Eeohhs2/docs/dph/aids/2006_profiles/app_hrs_maps.pdf) for configuration of health service regions

<sup>2</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

NH = Non-Hispanic API = Asian/Pacific Islander, Other/Und. = Other/Undetermined; Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/10

**Table 14. Ten cities/towns<sup>1</sup> in Massachusetts with the highest proportion of black non-Hispanic individuals among HIV infection diagnoses (HIV Dx): 2006–2008<sup>2</sup>**

Rank	City/Town	Number of HIV Dx among black non-Hispanic individuals	Percent of Total HIV Dx
1	Brockton	38	64.4%
2	Waltham	15	60.0%
3	Malden	20	55.6%
4	Worcester	46	43.4%
5	Framingham	10	40.0%
6	Boston	222	39.4%
7	Lowell	18	39.1%
8	Medford	9	36.0%
9	Quincy	10	35.7%
10	Lynn	14	34.1%

<sup>1</sup> Cities with fewer than 15 HIV infection diagnoses from 2006–2008 are excluded. 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 15. Ten cities/towns<sup>1</sup> in Massachusetts with the highest proportion of Hispanic individuals among HIV infection diagnoses (HIV Dx): 2006–2008<sup>2</sup>**

Rank	City/Town	Number of HIV Dx among Hispanic individuals	Percent of Total HIV Dx
1	Lawrence	39	84.8%
2	Springfield	64	62.7%
3	Holyoke	15	60.0%
4	Chicopee	11	55.0%
5	Chelsea	9	52.9%
6	Everett	11	44.0%
7	Framingham	8	32.0%
8	Lynn	12	29.3%
9	Worcester	30	28.3%
9	Lowell	13	28.3%
10	Somerville	11	27.5%

<sup>1</sup> Cities with fewer than 15 HIV infection diagnoses from 2006–2008 are excluded. 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 16. People diagnosed with HIV infection by race/ethnicity<sup>1</sup> and place of birth: Massachusetts, 2006–2008<sup>2</sup>**

Race/Ethnicity:	US		Puerto Rico/ US Dependency <sup>3</sup>		Non-US		Total
	N	%	N	%	N	%	N
White NH	760	93%	1	<1%	55	7%	<b>816</b>
Black NH	280	46%	2	<1%	325	54%	<b>607</b>
Hispanic	153	31%	169	34%	168	34%	<b>490</b>
API	12	27%	0	0%	33	73%	<b>45</b>

<sup>1</sup> Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers

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

<sup>3</sup> Ninety-seven percent of people diagnosed with HIV infection from 2005-2007 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands and 2% were born in an unknown US dependency

NH = Non-Hispanic, API = Asian/Pacific Islander

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

**Table 17. Males diagnosed with HIV infection by race/ethnicity<sup>1</sup> and place of birth: Massachusetts, 2006–2008<sup>2</sup>**

Race/Ethnicity:	US		Puerto Rico/US Dependency <sup>3</sup>		Non-US		Total
	N	%	N	%	N	%	N
White NH	653	93%	1	<1%	47	7%	<b>701</b>
Black NH	193	58%	2	1%	140	42%	<b>335</b>
Hispanic	108	31%	113	32%	130	37%	<b>351</b>
API	9	26%	0	0%	26	74%	<b>35</b>
<b>All Males<sup>4</sup></b>	<b>968</b>	<b>68%</b>	<b>116</b>	<b>8%</b>	<b>343</b>	<b>24%</b>	<b>1,427</b>

<sup>1</sup> Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers

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

<sup>3</sup> Ninety-seven percent of people diagnosed with HIV infection from 2005-2007 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands and 2% were born in an unknown US dependency

<sup>4</sup> Totals include people of American Indian/Alaska Native and Other/Unknown race/ethnicity

NH = Non-Hispanic, API = Asian/Pacific Islander

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

**Table 18. Females diagnosed with HIV infection by race/ethnicity<sup>1</sup> and place of birth: Massachusetts, 2006–2008<sup>2</sup>**

Race/Ethnicity:	US		Puerto Rico/US Dependency <sup>3</sup>		Non-US		Total
	N	%	N	%	N	%	N
White NH	107	93%	0	0%	8	7%	<b>115</b>
Black NH	87	32%	0	0%	185	68%	<b>272</b>
Hispanic	45	32%	56	40%	38	27%	<b>139</b>
<b>All Females<sup>4</sup></b>	<b>243</b>	<b>45%</b>	<b>56</b>	<b>10%</b>	<b>238</b>	<b>44%</b>	<b>537</b>

<sup>1</sup> Data for American Indian/Alaska Native, Asian/Pacific Islander and Other/Unknown race/ethnicity are not presented due to small numbers

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

<sup>3</sup> Ninety-seven percent of people diagnosed with HIV infection from 2005-2007 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands and 2% were born in an unknown US dependency

<sup>4</sup> Totals include people of American Indian/Alaska Native, Asian/Pacific Islander and Other/Unknown race/ethnicity

NH = Non-Hispanic

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

**Table 19. Black individuals diagnosed with HIV infection born outside the US by leading countries of birth: Massachusetts, 2006–2008<sup>1</sup>**

Rank	Country of Birth	Number of HIV Dx <sup>2</sup> among Non-US	Percent of Total HIV Dx among Non-US
1	Haiti	89	27.4%
2	Uganda	35	10.8%
3	Kenya	26	8.0%
4	Cape Verde Island	25	7.7%
5	Ghana	21	6.5%
6	Cameroon	19	5.8%
7	Ethiopia	15	4.6%
8	Liberia	11	3.4%
8	Nigeria	11	3.4%
9	Jamaica	10	3.1%

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

<sup>2</sup> HIV Dx = HIV diagnoses

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

**Table 20. Hispanic individuals diagnosed with HIV infection born outside the US by leading countries of birth: Massachusetts, 2006–2008<sup>1</sup>**

Rank	Country of Birth	Number of HIV Dx <sup>2</sup> among Non-US	Percent of Total HIV Dx among Non-US
1	Dominican Republic	45	26.8%
2	Brazil	30	17.9%
3	Honduras	16	9.5%
4	El Salvador	16	9.5%
5	Mexico	13	7.7%
6	Colombia	10	6.0%
7	Guatemala	9	5.4%
8	Venezuela	5	3.0%

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

<sup>2</sup> HIV Dx = HIV diagnoses

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

**Table 21. People living with HIV/AIDS on December 31, 2008 by current age and race/ethnicity:<sup>1</sup> Massachusetts**

Age in years	White NH		Black NH		Hispanic		State Total	
	N	%	N	%	N	%	N	%
Under 13	7	<1%	28	1%	16	<1%	53	<1%
13 to 19	45	1%	68	1%	50	1%	165	1%
20 to 24	59	1%	109	2%	86	2%	258	1%
25 to 29	180	2%	185	4%	177	4%	554	3%
30 to 34	343	4%	303	6%	317	7%	997	6%
35 to 39	628	8%	583	11%	548	12%	1,822	10%
40 to 44	1,417	18%	857	17%	950	21%	3,293	18%
45 to 49	2,029	25%	1,032	20%	1,027	23%	4,143	23%
50 to 54	1,604	20%	955	19%	710	16%	3,305	18%
55 to 59	918	11%	572	11%	370	8%	1,889	10%
60+	794	10%	451	9%	293	6%	1,566	9%
<b>Total</b>	<b>8,024</b>	<b>100%</b>	<b>5,143</b>	<b>100%</b>	<b>4,544</b>	<b>100%</b>	<b>18,045</b>	<b>100%</b>

<sup>1</sup> Data for American Indian/Alaska Native, Asian/Pacific Islander and Other/Unknown race/ethnicity are not presented due to small numbers

NH = non-Hispanic

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

**Table 22. People diagnosed with HIV infection by age at diagnosis and race/ethnicity:<sup>1</sup> Massachusetts, 2006–2008<sup>2</sup>**

Age in years	White NH		Black NH		Hispanic		State Total	
	N	%	N	%	N	%	N	%
Under 13	0	0%	6	1%	0	0%	6	<1%
13 to 19	7	1%	16	3%	15	3%	39	2%
20 to 24	58	7%	49	8%	42	9%	155	8%
25 to 29	98	12%	69	11%	67	14%	245	12%
30 to 34	88	11%	71	12%	70	14%	242	12%
35 to 39	122	15%	92	15%	93	19%	317	16%
40 to 44	156	19%	93	15%	79	16%	334	17%
45 to 49	133	16%	95	16%	55	11%	286	15%
50 to 54	76	9%	53	9%	37	8%	167	9%
55 to 59	46	6%	37	6%	16	3%	99	5%
60+	32	4%	26	4%	16	3%	74	4%
<b>Total</b>	<b>816</b>	<b>100%</b>	<b>607</b>	<b>100%</b>	<b>490</b>	<b>100%</b>	<b>1,964</b>	<b>100%</b>

<sup>1</sup> Data for American Indian/Alaska Native, Asian/Pacific Islander and Other/Unknown race/ethnicity are not presented due to small numbers

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

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

**Table 23. People diagnosed with HIV infection under age 25 years within the years 2006–2008<sup>1</sup> and total population under age 25 years by race/ethnicity:<sup>2</sup> Massachusetts**

	White NH		Black NH		Hispanic		State Total	
	N	%	N	%	N	%	N	%
HIV Infection Diagnoses	65	33%	71	36%	57	29%	200	100%
Total Population	1,596,135	77%	157,001	8%	219,325	11%	2,081,158	100%

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

<sup>2</sup> Data for American Indian/Alaska Native, Asian/Pacific Islander and Other/Unknown race/ethnicity are not presented due to small numbers  
NH = non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 1/1/10; year 2000 population estimates from the MDPH Bureau of Health Information, Statistics, Research and Evaluation

<b>Table 24. Condom use at last sexual encounter, Behavioral Risk Factor Surveillance System respondents ages 18–64:<sup>1</sup> Massachusetts, 2007–2008</b>		
	<b>% Used Condom</b>	<b>Total N<sup>2</sup></b>
<b>Total:</b>	<b>21.3%</b>	<b>5,309</b>
<b>Sex:</b>	<b>% Used Condom</b>	<b>Total N</b>
Male	24.6%	2,151
Female	17.9%	3,158
<b>Race/Ethnicity:<sup>3</sup></b>	<b>% Used Condom</b>	<b>Total N</b>
White NH	19.4%	4,309
Black NH	35.7%	252
Hispanic	27.0%	520
<b>Number of Partners:</b>	<b>% Used Condom</b>	<b>Total N</b>
1	18.7%	4,911
2	44.9%	200
3+	52.6%	163
<b>Sex of Partner:</b>	<b>% Used Condom</b>	<b>Total N</b>
Male Respondent Reporting Sex with Male	32.7%	111
Male Respondent Reporting Sex with Female	24.2%	2,026
Female Respondent Reporting Sex with Female	16.2%	85
Female Respondent Reporting Sex with Male	18.0%	3,057
<sup>1</sup> Only asked of sexually active adults		
<sup>2</sup> Only respondents with known values are included in this table; Column sub-totals may not equal overall total due to missing values		
<sup>3</sup> Data for Asian/Pacific Islander respondents is not presented due to small numbers		
NH= Non-Hispanic		
Data Source: Massachusetts Behavioral Risk Factor Surveillance System (BRFSS), 2007–2008		