

## Detailed Data Tables: People Born Outside the US

**Table 1. Reported AIDS cases by place of birth and year of diagnosis: Massachusetts, 1985–2008**

Year:	US-Born		Puerto Rico/ US Dependency <sup>1</sup>		Non-US-born		Total
	N	%	N	%	N	%	N
1985	187	82%	13	6%	28	12%	<b>228</b>
1990	861	80%	119	11%	99	9%	<b>1,079</b>
1995	1091	76%	203	14%	133	9%	<b>1,427</b>
1999	643	68%	156	16%	150	16%	<b>949</b>
2000	521	65%	119	15%	166	21%	<b>806</b>
2001	459	63%	102	14%	167	23%	<b>728</b>
2002	434	61%	86	12%	193	27%	<b>713</b>
2003	378	62%	83	14%	151	25%	<b>612</b>
2004	431	64%	103	15%	144	21%	<b>678</b>
2005	395	61%	89	14%	167	26%	<b>651</b>
2006	369	63%	59	10%	158	27%	<b>586</b>
2007	285	61%	51	11%	131	28%	<b>467</b>
2008	204	63%	38	12%	82	25%	<b>324</b>

<sup>1</sup> 97% percent of people diagnosed with AIDS in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 2% were born in an unknown dependency  
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. People diagnosed with HIV infection by place of birth and year of diagnosis: Massachusetts, before 1999, 1999–2008<sup>1</sup>**

	US		Puerto Rico/ US Dependency <sup>2</sup>		Non-US		Total
	N	%	N	%	N	%	
< 1999	15,908	77%	2,605	13%	2,113	10%	<b>20,626</b>
1999	935	68%	185	14%	249	18%	<b>1,369</b>
2000	783	63%	140	11%	314	25%	<b>1,237</b>
2001	639	62%	119	11%	280	27%	<b>1,038</b>
2002	655	59%	105	9%	347	31%	<b>1,107</b>
2003	625	62%	97	10%	281	28%	<b>1,003</b>
2004	611	62%	107	11%	269	27%	<b>987</b>
2005	531	59%	90	10%	279	31%	<b>900</b>
2006	490	63%	65	8%	229	29%	<b>784</b>
2007	372	60%	56	9%	189	31%	<b>617</b>
2008	349	62%	51	9%	163	29%	<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

<sup>2</sup> Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

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. People living with HIV/AIDS on December 31, 2009 by place of birth: Massachusetts**

Place of Birth:	HIV/AIDS	
	N	%
US	12,132	67%
Puerto Rico/US Dependency <sup>1</sup>	2,170	12%
Non-US	3,743	21%
<b>Total</b>	<b>18,045</b>	<b>100%</b>

<sup>1</sup> Ninety-four 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 6% were born in an unknown dependency  
 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. Non-US-Born people diagnosed with HIV infection by gender and region of birth: Massachusetts, 2006–2008<sup>1</sup>**

Region of Birth:	Male		Female		State Total	
	N	%	N	%	N	%
Caribbean Basin	82	24%	80	34%	162	28%
C <sup>2</sup> &S <sup>3</sup> America	110	32%	23	10%	133	23%
C&S Asia	9	3%	1	<1%	10	2%
<sup>4</sup> N Africa & Middle East	2	1%	0	0%	2	<1%
N America & Europe	35	10%	4	2%	39	7%
Pacific Rim	2	1%	0	0%	2	<1%
Southeast Asia	13	4%	6	3%	19	3%
Sub-Saharan Africa	83	24%	116	49%	199	34%
Unspecified	7	2%	8	3%	15	3%
<b>Total</b>	<b>343</b>	<b>100%</b>	<b>238</b>	<b>100%</b>	<b>581</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>C=Central  
<sup>3</sup>S=South  
<sup>4</sup>N=North  
 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. Non-US-Born people living with HIV/AIDS on December 31, 2009 by gender and region of birth: Massachusetts**

Region of Birth:	Male		Female		State Total	
	N	%	N	%	N	%
Caribbean Basin	708	32%	573	37%	<b>708</b>	<b>32%</b>
C <sup>1</sup> &S <sup>2</sup> America	573	26%	161	10%	<b>573</b>	<b>26%</b>
C&S Asia	41	2%	9	1%	<b>41</b>	<b>2%</b>
N <sup>3</sup> Africa & Middle East	14	1%	2	0%	<b>14</b>	<b>1%</b>
N America & Europe	258	12%	47	3%	<b>258</b>	<b>12%</b>
Pacific Rim	7	<1%	2	<1%	<b>7</b>	<b>&lt;1%</b>
Southeast Asia	97	4%	38	2%	<b>97</b>	<b>4%</b>
Sub-Saharan Africa	455	21%	684	44%	<b>455</b>	<b>21%</b>
Unspecified	40	2%	34	2%	<b>40</b>	<b>2%</b>
<b>Total</b>	<b>2,193</b>	<b>100%</b>	<b>1,550</b>	<b>100%</b>	<b>2,193</b>	<b>100%</b>

<sup>1</sup>C=Central<sup>2</sup>S=South<sup>3</sup>N=North

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. Non-US-born people diagnosed with HIV infection 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	% of Total HIV Diagnoses among Non-US
1	Haiti	89	15.4%
2	Brazil	61	10.6%
3	Dominican Republic	46	8.0%
4	Uganda	35	6.1%
5	Cape Verde Island	30	5.2%
6	Kenya	26	4.5%
7	Ghana	22	3.8%
8	Cameroon	19	3.3%
9	Honduras	17	2.9%
10	El Salvador	16	2.8%

<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 7. People diagnosed with HIV infection by Health Service Region (HSR)<sup>1</sup> of residence at diagnosis and place of birth: Massachusetts, 2006–2008<sup>2</sup>**

HSR	US		Puerto Rico/ US Dependency <sup>3</sup>		Non-US		Total
	N	%	N	%	N	%	N
Boston HSR	394	66%	31	5%	174	29%	<b>599</b>
Central HSR	86	49%	24	14%	64	37%	<b>174</b>
Metro West HSR	180	58%	9	3%	120	39%	<b>309</b>
Northeast HSR	170	53%	30	9%	119	37%	<b>319</b>
Southeast HSR	181	66%	12	4%	81	30%	<b>274</b>
Western HSR	142	66%	54	25%	20	9%	<b>216</b>
Prison <sup>4</sup>	57	80%	12	17%	2	3%	<b>71</b>
<b>MA Total</b>	<b>1,211</b>	<b>62%</b>	<b>172</b>	<b>9%</b>	<b>581</b>	<b>30%</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> Ninety-seven percent of people diagnosed with HIV infection from 2006–2008 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> 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. Prison includes 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 8. People living with HIV/AIDS on December 31, 2009 by Health Service Region (HSR)<sup>1</sup> of residence at diagnosis and place of birth: Massachusetts**

HSR	US		Puerto Rico/ US Dependency <sup>2</sup>		Non-US		Total
	N	%	N	%	N	%	N
Boston HSR	4,033	70%	381	7%	1,372	24%	<b>5,786</b>
Central HSR	1,008	62%	331	20%	282	17%	<b>1,621</b>
Metro West HSR	1,540	63%	77	3%	811	33%	<b>2,428</b>
Northeast HSR	1,542	58%	399	15%	718	27%	<b>2,659</b>
Southeast HSR	1,893	77%	171	7%	406	16%	<b>2,470</b>
Western HSR	1,441	68%	577	27%	100	5%	<b>2,118</b>
Prison <sup>3</sup>	668	70%	232	24%	53	6%	<b>953</b>
<b>MA Total<sup>4</sup></b>	<b>12,132</b>	<b>67%</b>	<b>2170</b>	<b>12%</b>	<b>3,743</b>	<b>21%</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/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> Ninety-four 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 6% were born in an unknown dependency

<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. Prison includes only persons who were diagnosed with HIV/AIDS while in a correctional facility

<sup>4</sup> Massachusetts total includes 8 people living with HIV/AIDS for whom residence at diagnosis was unknown at time of report

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. Percentage distribution of non-US-born people diagnosed with HIV infection by world region of birth<sup>1</sup> and health service region:<sup>2</sup> Massachusetts, 2006–2008<sup>3</sup>**

	Caribbean Basin	C <sup>4</sup> &S <sup>5</sup> America	N <sup>6</sup> America & Europe	Southeast Asia	Sub-Saharan Africa
Boston HSR	42%	30%	33%	21%	20%
Central HSR	7%	7%	3%	16%	19%
Metrowest HSR	10%	27%	18%	21%	26%
Northeast HSR	25%	19%	21%	32%	18%
Southeast HSR	15%	15%	18%	11%	14%
Western HSR	1%	2%	8%	0%	4%
Prison	1%	0%	0%	0%	0%
<b>Total N</b>	<b>162</b>	<b>133</b>	<b>39</b>	<b>19</b>	<b>199</b>

<sup>1</sup> World Regions of Central & South Asia, North Africa & Middle East, and Pacific Rim are not included in this analysis because small numbers make the data difficult to interpret

<sup>2</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>3</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>4</sup>C=Central

<sup>5</sup>S=South

<sup>6</sup>N=North

<sup>7</sup> Percentages calculated from a numerator of 5 or less and a denominator of less than 100 are not presented

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. Percentage distribution of non-US-born people living with HIV/AIDS on December 31, 2009 by world region of birth<sup>1</sup> and health service region:<sup>2</sup> Massachusetts**

	Caribbean Basin	C <sup>3</sup> &S <sup>4</sup> America	N <sup>5</sup> America & Europe	Southeast Asia	Sub-Saharan Africa
Boston HSR	46%	44%	32%	28%	24%
Central HSR	5%	6%	4%	10%	13%
Metrowest HSR	17%	21%	19%	13%	28%
Northeast HSR	19%	16%	15%	41%	20%
Southeast HSR	9%	9%	26%	4%	10%
Western HSR	2%	3%	3%	4%	3%
Prison	2%	1%	1%	0%	1%
<b>Total N<sup>6</sup></b>	<b>1,281</b>	<b>734</b>	<b>305</b>	<b>135</b>	<b>1,139</b>

<sup>1</sup> World Regions of Central & South Asia, North Africa & Middle East and Pacific Rim are not included in this analysis because small numbers make the data difficult to interpret

<sup>2</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>3</sup>C=Central

<sup>4</sup>S=South

<sup>5</sup>N=North

<sup>6</sup>Totals include individuals whose Health Service Region of residence is 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 11. Ten cities/towns<sup>1</sup> in Massachusetts with the highest proportion of HIV infection diagnoses among people born outside the US: 2006–2008<sup>2</sup>**

Rank	City/Town	Number of HIV Dx among Non-US-Born	Total Number of HIV Dx	Percent of Total HIV Dx
1	Everett	21	25	84.0%
2	Framingham	18	25	72.0%
3	Waltham	15	25	60.0%
4	Brockton	34	59	57.6%
5	Malden	18	36	50.0%
5	Somerville	20	40	50.0%
6	Worcester	50	106	47.2%
7	Lowell	20	46	43.5%
8	Medford	10	25	40.0%
9	Lynn	16	41	39.0%

<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

<b>Table 12. People diagnosed with HIV infection, place of birth by gender, race/ethnicity and exposure mode: Massachusetts, 2006–2008<sup>1</sup></b>						
	<b>US-Born</b>		<b>Puerto Rico/ US Dependency<sup>2</sup></b>		<b>Non-US-born</b>	
	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
<b>By Gender:</b>						
Male	968	80%	116	67%	343	59%
Female	243	20%	56	33%	238	41%
<b>By Race/Ethnicity:</b>						
White (non-Hispanic)	760	63%	1	1%	55	9%
Black (non-Hispanic)	280	23%	2	1%	325	56%
Hispanic	153	13%	169	98%	168	29%
Asian/Pacific Islander	12	1%	0	0%	33	6%
Other/Unknown	6	<1%	0	0%	0	0%
<b>By Exposure Mode:</b>						
Male Sex with Male (MSM)	621	51%	29	17%	136	23%
Injection Drug Use (IDU)	161	13%	63	37%	13	2%
MSM/IDU	51	4%	3	2%	2	<1%
Total Heterosexual Sex (HTSX)	95	8%	28	16%	73	13%
◦ HTSX w/ IDU	30	2%	10	6%	5	1%
◦ HTSX w/bisexual male	3	<1%	0	0%	1	<1%
◦ HTSX w/ blood/blood products <sup>3</sup>	0	0%	0	0%	1	<1%
◦ HTSX w/ Person w/ HIV or AIDS	62	5%	18	10%	66	11%
Blood/Blood products	2	<1%	0	0%	0	0%
Pediatric	2	<1%	0	0%	6	1%
Total Undetermined	279	23%	49	28%	351	60%
• Presumed HTSX <sup>4</sup>	151	12%	31	18%	266	46%
• Undetermined <sup>5</sup>	128	11%	18	10%	85	15%
<b>Total</b>	<b>1,211</b>	<b>100%</b>	<b>172</b>	<b>100%</b>	<b>581</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> Ninety-seven percent of people diagnosed with HIV infection from 2006–2008 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 US dependency <sup>3</sup> Heterosexual sex with a person who received 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 (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 13. People living with HIV/AIDS on December 31, 2009, place of birth by gender, race/ethnicity, and exposure mode: Massachusetts**

	US-Born		Puerto Rico/ US Dependency <sup>1</sup>		Non-US-born	
By Gender:	N	%	N	%	N	%
Male	9,216	76%	1,469	68%	2,193	59%
Female	2,916	24%	701	32%	1,550	41%
By Race/Ethnicity:	N	%	N	%	N	%
White (non-Hispanic)	7,579	62%	24	1%	421	11%
Black (non-Hispanic)	2,952	24%	16	1%	2,175	58%
Hispanic	1,473	12%	2,130	98%	941	25%
Asian/Pacific Islander	55	<1%	0	0%	191	5%
Other/Unknown	73	1%	0	0%	15	<1%
By Exposure Mode:	N	%	N	%	N	%
Male Sex with Male (MSM)	5,366	44%	196	9%	754	20%
Injection Drug Use (IDU)	2,994	25%	1,128	52%	163	4%
MSM/IDU	498	4%	75	3%	35	1%
Total Heterosexual Sex (HTSX)	1,252	10%	441	20%	785	21%
◦ HTSX w/ IDU	607	5%	250	12%	97	3%
◦ HTSX w/bisexual male	37	<1%	3	<1%	8	<1%
◦ HTSX w/ blood/blood products <sup>2</sup>	13	<1%	2	<1%	11	<1%
◦ HTSX w/ person w/ HIV or AIDS	595	5%	186	9%	669	18%
Blood/Blood products	76	1%	6	<1%	17	<1%
Pediatric	284	2%	21	1%	29	1%
Occupational	1	<1%	0	0%	0	0%
Total Undetermined	1,661	14%	303	14%	1,960	52%
• Presumed HTSX <sup>3</sup>	1,045	9%	226	10%	1,544	41%
• Undetermined <sup>4</sup>	616	5%	77	4%	416	11%
<b>Total</b>	<b>12,132</b>	<b>100%</b>	<b>2,170</b>	<b>100%</b>	<b>3,743</b>	<b>100%</b>

<sup>1</sup> Ninety-four 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 6% were born in an unknown dependency

<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, and 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 14. Non-US-born people diagnosed with HIV infection, gender by mode of exposure and race/ethnicity: Massachusetts, 2006–2008<sup>1</sup>**

Mode of Exposure:	Male		Female	
	N	%	N	%
Male Sex with Male (MSM)	136	40%	N/A <sup>2</sup>	N/A
Injection Drug Use (IDU)	9	3%	4	2%
MSM/IDU	2	1%	N/A	N/A
Heterosexual Sex (HTSX)	24	7%	49	21%
Other	2	1%	4	2%
Total Undetermined	170	50%	181	76%
• Presumed HTSX <sup>3</sup>	112	33%	154	65%
• Undetermined <sup>4</sup>	58	17%	27	11%
Race/Ethnicity	N	%	N	%
White (non-Hispanic)	47	14%	8	3%
Black (non-Hispanic)	140	41%	185	78%
Hispanic	130	38%	38	16%
Asian/Pacific Islander	26	8%	7	3%
Other/Unknown	0	0%	0	0%
<b>Total</b>	<b>343</b>	<b>100%</b>	<b>238</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> 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 (percentages may not add up to 100% due to rounding); data as of 1/1/10

<b>Table 15. Non-US-born people living with HIV/AIDS on December 31, 2009, gender by mode of exposure and race/ethnicity: Massachusetts</b>				
	<b>Male</b>		<b>Female</b>	
<b>Mode of Exposure:</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Male Sex with Male (MSM)	754	34%	N/A	N/A
Injection Drug Use (IDU)	113	5%	50	3%
MSM/IDU	35	2%	N/A	N/A
Heterosexual Sex (HTSX)	274	12%	511	33%
Other	23	1%	23	1%
Total Undetermined	994	45%	966	62%
• Presumed HTSX <sup>2</sup>	710	32%	834	54%
• Undetermined <sup>3</sup>	284	13%	132	9%
<b>Race/Ethnicity</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
White (non-Hispanic)	345	16%	76	5%
Black (non-Hispanic)	993	45%	1,182	76%
Hispanic	704	32%	237	15%
Asian/Pacific Islander	142	6%	49	3%
Other/Unknown	9	<1%	6	<1%
<b>Total</b>	<b>2,193</b>	<b>100%</b>	<b>1,550</b>	<b>100%</b>
<sup>1</sup> N/A = Not Applicable <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, and 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 16. Percentage distribution of non-US-born people diagnosed with HIV infection by world region of birth<sup>1</sup> and mode of exposure: Massachusetts, 2006–2008<sup>2</sup>**

	Caribbean Basin	C <sup>3</sup> &S <sup>4</sup> America	N <sup>5</sup> America & Europe	Southeast Asia	Sub-Saharan Africa
Male-to-Male Sex (MSM)	14%	48%	72%	32%	3%
Injection Drug Use (IDU)	2%	3%	0%	11%	1%
MSM/IDU	0%	1%	0%	0%	0%
Heterosexual Sex (HTSX)	15%	10%	10%	0%	16%
Other	1%	0%	0%	0%	2%
Total Undetermined	67%	38%	18%	58%	78%
• Presumed HTSX <sup>7</sup>	51%	28%	10%	37%	62%
• Undetermined <sup>8</sup>	15%	11%	8%	21%	16%
<b>Total N</b>	<b>162</b>	<b>133</b>	<b>39</b>	<b>19</b>	<b>199</b>

<sup>1</sup> World Regions of Central & South Asia, North Africa & Middle East, and Pacific Rim are not included in this analysis because small numbers make the data difficult to interpret

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

<sup>3</sup>C=Central

<sup>4</sup>S=South

<sup>5</sup>N=North

<sup>6</sup> Percentages calculated from a numerator of 5 or less and a denominator of less than 100 are not presented

<sup>7</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>8</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 (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 17. Percentage distribution of non-US-born people living with HIV/AIDS on December 31, 2009 by world region of birth<sup>1</sup> and mode of exposure: Massachusetts**

	Caribbean Basin	C <sup>2</sup> &S <sup>3</sup> America	N <sup>4</sup> America & Europe	Southeast Asia	Sub-Saharan Africa
Male-to-Male Sex (MSM)	9%	48%	58%	25%	3%
Injection Drug Use (IDU)	4%	3%	12%	8%	3%
MSM/IDU	1%	1%	3%	0%	<1%
Heterosexual Sex (HTSX)	26%	15%	10%	20%	23%
Other	1%	0%	1%	1%	2%
Total Undetermined	59%	33%	16%	46%	69%
• Presumed HTSX <sup>5</sup>	45%	26%	12%	32%	58%
• Undetermined <sup>6</sup>	14%	7%	3%	14%	11%
<b>Total N</b>	<b>1,281</b>	<b>734</b>	<b>305</b>	<b>135</b>	<b>1,139</b>

<sup>1</sup> World Regions of Central & South Asia, North Africa & Middle East, and Pacific Rim are not included in this analysis because small numbers make the data difficult to interpret

<sup>2</sup>C=Central

<sup>3</sup>S=South

<sup>4</sup>N=North

<sup>5</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>6</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 (percentages may not add up to 100% due to rounding); data as of 1/1/10

**Table 18. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by place of birth: Massachusetts, 2006–2008<sup>1</sup>**

Place of Birth:	HIV and AIDS Diagnosed within 2 Months N	All HIV Infection Diagnoses N	% Diagnosed with HIV and AIDS within 2 Months %
US	319	1,211	26%
Puerto Rico/US Dependency <sup>2</sup>	50	172	29%
Non-US	223	581	38%
<b>Total</b>	<b>592</b>	<b>1,964</b>	<b>30%</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> Ninety-seven percent of people diagnosed with HIV infection from 2006–2008 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

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. Deaths among persons reported with HIV/AIDS by place of birth and year of death: Massachusetts, 1999–2008**

Year of Death	US		Puerto Rico/ US Dependency <sup>1</sup>		Non-US		Total
	N	%	N	%	N	%	N
1999	297	75%	79	20%	22	6%	<b>398</b>
2000	288	77%	68	18%	20	5%	<b>376</b>
2001	336	79%	52	12%	35	8%	<b>423</b>
2002	290	77%	53	14%	36	9%	<b>379</b>
2003	310	78%	54	14%	33	8%	<b>397</b>
2004	250	76%	52	16%	28	8%	<b>330</b>
2005	231	76%	49	16%	23	8%	<b>303</b>
2006	232	79%	39	13%	23	8%	<b>294</b>
2007	206	79%	34	13%	21	8%	<b>261</b>
2008	186	74%	36	14%	28	11%	<b>250</b>

<sup>1</sup> Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency  
 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 20. World region of birth by countries of birth with at least 10 people living with HIV/AIDS on December 31, 2009: Massachusetts</b>	
<b>World Region of Birth</b>	<b>Countries of Birth with <math>\geq 10</math> People Living with HIV/AIDS in Massachusetts</b>
Caribbean Basin	Haiti, Dominican Republic, Jamaica, Cuba, Trinidad and Tobago, Barbados
Central & South America	Brazil, Honduras, Colombia, El Salvador, Guatemala, Venezuela, Peru, Argentina, Chile
Central & South Asia	India, China
North Africa & Middle East	There are no countries of origin with $\geq 10$ people living with HIV/AIDS in MA in this region <sup>1</sup>
North America & Europe	Portugal, Mexico, Canada, Italy, United Kingdom, Ireland, Germany, France, Russia, Spain
Pacific Rim	There are no countries of origin with $\geq 10$ people living with HIV/AIDS in MA in this region <sup>2</sup>
Southeast Asia	Vietnam, Cambodia, Thailand
Sub-Saharan Africa	Uganda, Cape Verde Island, Kenya, Zimbabwe, Cameroon, Ghana, Ethiopia, Nigeria, Liberia, Tanzania, South Africa, Zambia, Ivory Coast, Congo, Rwanda, Malawi, Zaire
<sup>1</sup> Total number of people living with HIV/AIDS from North Africa & Middle East = 16 <sup>2</sup> Total number of people living with HIV/AIDS from Pacific Rim = 9 Data Source: MDPH HIV/AIDS Surveillance Program; data as of 1/1/10	