

**Regional HIV/AIDS Epidemiologic Profile of Norfolk County,  
Massachusetts: 2010**

<b>Table 1. Total number of people reported with HIV infection or AIDS<sup>1</sup> by mortality status on December 31, 2009 Norfolk County, Massachusetts</b>		
	<b>N</b>	<b>%</b>
People Living with HIV/AIDS	796	56%
People Reported with HIV or AIDS who are Deceased	624	44%
<b>Total Number of People Reported with HIV Infection or AIDS</b>	<b>1,420</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

<b>Table 2. Average annual rate of HIV infection diagnosis from 2006 to 2008 and HIV/AIDS prevalence rate on 12/31/09<sup>1</sup>: Norfolk County, Massachusetts</b>		
<b>Average annual HIV diagnosis rate from 2006–2008</b>	<b>Average rate per 100,000</b>	<b>Average annual number of HIV diagnoses</b>
Norfolk County, MA	5.3	34.3
Massachusetts Total	10.3	654.7
<b>HIV/AIDS prevalence rate on 12/31/09</b>	<b>Rate per 100,000</b>	<b>Number of people living with HIV/AIDS</b>
Norfolk County, MA	122.2	796
Massachusetts Total	284.2	18,045

<sup>1</sup> Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation  
Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/10

**Table 3. People living with HIV/AIDS<sup>1</sup>, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year<sup>2</sup>: 1999–2008, Norfolk County, Massachusetts**

<b>Year</b>	<b>HIV/AIDS Prevalence</b>	<b>Deaths among those with HIV/AIDS</b>	<b>Diagnosis of HIV Infection</b>
1999	532	17	49
2000	581	13	62
2001	602	18	39
2002	658	8	64
2003	674	22	38
2004	706	14	46
2005	728	14	36
2006	740	21	33
2007	761	17	38
2008	783	10	32 <sup>3</sup>

<sup>1</sup> Number of People living with HIV/AIDS on 12/31 of each year

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

<sup>3</sup> 2008 HIV diagnosis data are preliminary

Data source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/10

**Table 4. People diagnosed with HIV infection from 2006–2008<sup>1</sup> and people living with HIV/AIDS on December 31, 2009 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Norfolk County, Massachusetts**

	HIV Infection Diagnoses		PLWH/A	
	N	%	N	%
<b>Gender:</b>				
Male	70	68%	585	73%
Female	33	32%	211	27%
<b>Place of Birth:</b>				
US	75	73%	611	77%
Puerto Rico/US Dependency <sup>2</sup>	0	0%	16	2%
Non-US	28	27%	169	21%
<b>Race/Ethnicity:</b>				
White (non-Hispanic)	56	54%	475	60%
Black (non-Hispanic)	38	37%	229	29%
Hispanic	8	8%	68	9%
Other/Undetermined <sup>3</sup>	1	1%	24	3%
<b>Exposure Mode:</b>				
Male-to-male sex (MSM)	43	42%	321	40%
Injection Drug Use (IDU)	11	11%	122	15%
MSM/IDU	2	2%	22	3%
Heterosexual Sex	12	12%	97	12%
Other	0	0%	25	3%
Total Undetermined	35	34%	209	26%
• Presumed Heterosexual Sex <sup>4</sup>	19	18%	116	15%
• Undetermined <sup>5</sup>	16	16%	93	12%
<b>Age:</b>				
	At Diagnosis		On December 31, 2009	
Under 13	0	0%	3	<1%
13 to 19	2	2%	12	2%
20 to 24	5	5%	11	1%
25 to 29	12	12%	16	2%
30 to 34	10	10%	43	5%
35 to 39	20	19%	75	9%
40 to 44	21	20%	144	18%
45 to 49	11	11%	179	22%
50 to 54	14	14%	152	19%
55 to 59	4	4%	88	11%
60+	4	4%	73	9%
<b>Total</b>	<b>103</b>	<b>100%</b>	<b>796</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

<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

<sup>3</sup> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

<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

**Table 5. People living with HIV/AIDS on December 31, 2009 by gender and race/ethnicity: Norfolk County, Massachusetts**

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	390	67%	85	40%
Black Non-Hispanic	120	21%	109	52%
Hispanic	55	9%	13	6%
Other/Undetermined <sup>1</sup>	20	3%	4	2%
<b>Total</b>	<b>585</b>	<b>100%</b>	<b>211</b>	<b>100%</b>

<sup>1</sup> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity  
 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 living with HIV/AIDS on December 31, 2009 by gender and exposure mode: Norfolk County, Massachusetts**

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	321	55%	N/A	N/A
Injection drug use (IDU)	75	13%	47	22%
MSM/IDU	22	4%	N/A	N/A
Heterosexual sex	36	6%	61	29%
Other	15	3%	10	5%
Total Undetermined	116	20%	93	44%
• Presumed heterosexual sex <sup>1</sup>	52	9%	64	30%
• Undetermined <sup>2</sup>	64	11%	29	14%
<b>Total</b>	<b>585</b>	<b>100%</b>	<b>211</b>	<b>100%</b>

<sup>1</sup> Heterosexual sex with partners with unknown risk and HIV status  
<sup>2</sup> Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up;  
 N/A=Not Applicable  
 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 gender and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2008<sup>1</sup>**

	Male		Female		Total
	N	%	N	%	
< 1999	806	83%	163	17%	969
1999	35	71%	14	29%	49
2000	44	71%	18	29%	62
2001	30	77%	9	23%	39
2002	41	64%	23	36%	64
2003	26	68%	12	32%	38
2004	36	78%	10	22%	46
2005	29	81%	7	19%	36
2006	24	73%	9	27%	33
2007	22	58%	16	42%	38
2008 <sup>2</sup>	24	75%	8	25%	32

<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> 2008 data are preliminary

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 by race/ethnicity and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2008<sup>1</sup>**

	White NH		Black NH		Hispanic		Other/ Undetermined <sup>2</sup>		Total
	N	%	N	%	N	%	N	%	
< 1999	760	78%	135	14%	57	6%	17	2%	969
1999	33	67%	13	27%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	49
2000	33	53%	20	32%	7	11%	2	3%	62
2001	20	51%	15	38%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	39
2002	29	45%	24	38%	7	11%	4	6%	64
2003	21	55%	13	34%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	38
2004	27	59%	12	26%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	46
2005	22	61%	8	22%	5	14%	1	3%	36
2006	24	73%	7	21%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	33
2007	14	37%	21	55%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	38
2008 <sup>3</sup>	18	56%	10	31%	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	-- <sup>4</sup>	32

<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> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

<sup>3</sup> 2008 data are preliminary

<sup>4</sup> Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

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 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2008<sup>1</sup>**

	US		Puerto Rico/ US Dependency <sup>2</sup>		Non-US		Total
	N	%	N	%	N	%	
< 1999	859	89%	21	2%	89	9%	<b>969</b>
1999	41	84%	1	2%	7	14%	<b>49</b>
2000	41	66%	2	3%	19	31%	<b>62</b>
2001	29	74%	0	0%	10	26%	<b>39</b>
2002	43	67%	0	0%	21	33%	<b>64</b>
2003	27	71%	0	0%	11	29%	<b>38</b>
2004	31	67%	2	4%	13	28%	<b>46</b>
2005	24	67%	0	0%	12	33%	<b>36</b>
2006	27	82%	0	0%	6	18%	<b>33</b>
2007	26	68%	0	0%	12	32%	<b>38</b>
2008 <sup>3</sup>	22	69%	0	0%	10	31%	<b>32</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

<sup>3</sup> 2008 data are preliminary

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 infection by exposure mode and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2008<sup>1</sup>**

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX <sup>2</sup>		Undeter- mined <sup>3</sup>		Total N
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
<1999	512	53%	202	21%	35	4%	71	7%	58	6%	54	6%	37	4%	<b>969</b>
1999	19	39%	9	18%	0	0%	6	12%	0	0%	7	14%	8	16%	<b>49</b>
2000	20	32%	8	13%	3	5%	10	16%	2	3%	12	19%	7	11%	<b>62</b>
2001	11	28%	1	3%	3	8%	9	23%	0	0%	7	18%	8	21%	<b>39</b>
2002	19	30%	8	13%	0	0%	13	20%	2	3%	13	20%	9	14%	<b>64</b>
2003	13	34%	4	11%	1	3%	1	3%	2	5%	11	29%	6	16%	<b>38</b>
2004	21	46%	2	4%	0	0%	5	11%	0	0%	8	17%	10	22%	<b>46</b>
2005	14	39%	2	6%	0	0%	4	11%	0	0%	6	17%	10	28%	<b>36</b>
2006	17	52%	4	12%	0	0%	4	12%	0	0%	2	6%	6	18%	<b>33</b>
2007	7	18%	6	16%	1	3%	6	16%	0	0%	11	29%	7	18%	<b>38</b>
2008 <sup>4</sup>	19	59%	1	3%	1	3%	2	6%	0	0%	6	19%	3	9%	<b>32</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> 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

<sup>4</sup> 2008 data are preliminary

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

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. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Norfolk County, Massachusetts, 1999–2008<sup>1</sup>**

	HIV and AIDS diagnosed within two months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within two months
Year:	N	N	%
1999	15	49	31%
2000	11	62	18%
2001	14	39	36%
2002	22	64	34%
2003	12	38	32%
2004	13	46	28%
2005	12	36	33%
2006	11	33	33%
2007	14	38	37%
2008 <sup>2</sup>	7	32	22%

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

<sup>2</sup> 2008 data are preliminary

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

**Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Norfolk County, Massachusetts, 2006–2008<sup>1</sup>**

	HIV and AIDS diagnosed within two months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within two months
<b>Gender:</b>	<b>N</b>	<b>N</b>	<b>%</b>
Male	24	70	34%
Female	8	33	24%
<b>Race/Ethnicity:</b>	<b>N</b>	<b>N</b>	<b>%</b>
White (non-Hispanic)	17	56	30%
Black (non-Hispanic)	10	38	26%
Hispanic	5	8	63%
Other/Undetermined <sup>2</sup>	0	1	0%
<b>Place of Birth:</b>	<b>N</b>	<b>N</b>	<b>%</b>
US	24	75	32%
Puerto Rico/US Dependencies <sup>3</sup>	0	0	0%
Non-US	8	28	29%
<b>Total</b>	<b>32</b>	<b>103</b>	<b>31%</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> Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

<sup>3</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, data as of 1/1/10