

Who is currently living with HIV infection? Detailed data tables and technical notes

Recent changes to the presentation of Massachusetts HIV/AIDS surveillance data

Effective January 1, 2011, the Massachusetts Department of Public Health (MDPH), Bureau of Infectious Disease, HIV/AIDS fact sheets, epidemiologic reports and other HIV data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts. As of January 1, 2016, this resulted in the removal of 4,913 HIV/AIDS cases, of which 1,099 have died and 3,814 were living. These persons living with HIV infection may still continue to reside and receive care in the Commonwealth. The total number of persons living with HIV infection, irrespective of location at diagnosis, is the basis for MDPH service planning. Please note that previous HIV/AIDS fact sheets, data reports and presentations included cases that may have been first diagnosed in another state.

Also effective January 1, 2011, the MDPH HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to eliminate the presumed heterosexual risk category for men; those cases have been reassigned to the no identified risk (NIR) category. The presumed heterosexual risk category was used with the intention of identifying HIV risk for women when sex with men is the only reported risk factor, there is no evidence of current or past injection drug use (IDU), and behavioral risk and HIV status information about male sexual partners are unknown. The application of the presumed heterosexual risk category to men is overly inclusive in that woman to man HIV transmission is biologically less probable, and there are alternate risks that are possible for men, including sex with other men (MSM) or IDU. The CDC reports men diagnosed with HIV infection who report sex with women as their only risk factor, without corresponding partner risk or HIV status information, in the NIR category. This revision to report presumed heterosexual male HIV/AIDS cases as NIR will bring Massachusetts HIV/AIDS case reporting for men in alignment with CDC standards. The MDPH will maintain presumed heterosexual and heterosexual risk categories for women.

These data represent only those individuals who tested positive for HIV infection, have sought and accessed medical care *and* have been reported to the HIV/AIDS Surveillance Program. Individuals who are unaware of their status, not in care, or not reported are not reflected.

The profile of people living with HIV infection presented in “*Who is currently living with HIV infection?*” can be used to inform planning for HIV care, treatment and support services, as well as the planning of prevention programs for people living with HIV infection (positive prevention).

Table 1. People living with HIV infection by exposure mode: Massachusetts¹		
People Living with HIV infection on 12/31/15		
Exposure mode:	N	%
Male-to-male sex (MSM)	7,683	38%
Injection drug use (IDU)	3,560	18%
MSM/IDU	701	3%
Receipt of blood/blood products/other	65	<1%
Pediatric	348	2%
Total heterosexual sex (HTSX)	2,819	14%
• HTSX w/ an injection drug user	891	4%
• HTSX w/ bisexual men (women only)	44	<1%
• HTSX w/ a person w/ HIV or AIDS	49	<1%
• Other HTSX ²	1,835	9%
Total undetermined/other	5,097	25%
• Presumed heterosexual sex ³	1,894	9%
• Undetermined/other ⁴	3,202	16%
Total	20,272	100%

¹ Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

² Includes heterosexual sex with a person who received blood/blood products.

³ Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

⁴ Includes man sex with women of unknown HIV status or risk, 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 3/1/16

Note: The category of “presumed heterosexual” is used in Massachusetts to re-assign women who are reported with a risk of heterosexual sex, but only with a partner of unknown HIV status or behavioral risk. Massachusetts uses the category of presumed heterosexual to distinguish these women from other undetermined cases about which we know less. Prior to January 1, 2011, the presumed heterosexual category was also used to report HIV data in men. The rationale for the application of the presumed heterosexual risk category to women only has been addressed in the MDPH OHA report “Intersecting Risks: HIV Infection among Heterosexual Women and Men in Massachusetts.” (2010) http://www.mass.gov/Eeohhs2/docs/dph/aids/intersecting_risks.pdf. Nationally, the Centers for Disease Control and Prevention categorize “presumed heterosexual” 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 risk was for women in this category. Although a person may not report other risk behaviors, such as injection drug use to a health care provider, it does not exclude the possibility that an individual has experienced these other risks. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a limited patient-provider relationship or stigma.

Table 2. People living with HIV infection on December 31, 2015 by sex at birth¹ and exposure mode: Massachusetts²

Exposure mode:	Men		Women	
	N	%	N	%
Male-to-male sex (MSM)	7,683	53%	N/A	N/A
Injection drug use (IDU)	2,330	16%	1,230	21%
MSM/IDU	701	5%	N/A	N/A
Heterosexual sex	828	6%	1,991	34%
Other	230	2%	183	3%
Total undetermined/other	2,667	18%	2,429	42%
• Presumed heterosexual sex ³	N/A	N/A	1,894	32%
• Undetermined ⁴	2,667	18%	535	9%
Total	14,439	100%	5,833	100%

¹ Data reflect sex at birth and therefore not gender identity or gender expression of transgender individuals (N=56 transgender individuals living with HIV infection). Please note “women” and “men” are used for stylistic reasons to describe female and male populations diagnosed with HIV infection that include a small number of girls and boys (N=24 children living with HIV infection under age 13 as of 1/1/16).
² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.
³ Includes woman sex with men of unknown HIV status or risk. This category is limited to women.
⁴ Includes man sex with women of unknown HIV status or risk, 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 3/1/16

Table 3. People living with HIV infection on December 31, 2015 by race/ethnicity¹ and exposure mode: Massachusetts²

Exposure mode:	White (NH)		Black (NH)		Hispanic/Latino		API	
	N	%	N	%	N	%	N	%
Male-male sex (MSM)	5,151	60%	1,016	17%	1,262	25%	193	48%
Injection drug use (IDU)	1,277	15%	831	14%	1,410	28%	20	5%
MSM/IDU	438	5%	114	2%	138	3%	3	1%
Heterosexual sex	578	7%	1,240	20%	933	19%	43	11%
Other	120	1%	169	3%	115	2%	7	2%
Total undetermined/other	1,045	12%	2,713	45%	1,171	23%	133	33%

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• Pres. HTSX ³	258	3%	1,209	20%	384	8%	29	7%
• Undetermined ⁴	787	9%	1,504	25%	787	16%	104	26%
Total	8,609	100%	6,083	100%	5,029	100%	399	100%

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

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

⁴ Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁵ Values less than five are suppressed for populations less than 50,000 or for populations of unknown size. Additional values may be suppressed to prevent back calculation.

(NH) = Non-Hispanic, API = Asian/Pacific Islander, 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 3/1/16

Table 4. Men living with HIV infection on December 31, 2015 by race/ethnicity¹ and exposure mode: Massachusetts²

Exposure mode:	White (NH)		Black (NH)		Hispanic/ Latino		API	
	N	%	N	%	N	%	N	%
Male-male sex (MSM)	5,151	72%	1,016	30%	1,262	37%	193	62%
Injection drug use (IDU)	704	10%	557	16%	1,041	30%	17	5%
MSM/IDU	438	6%	114	3%	138	4%	3	1%
Heterosexual sex	153	2%	383	11%	275	8%	13	4%
Other	71	1%	93	3%	63	2%	2	1%
Undetermined ³	678	9%	1,225	36%	665	19%	85	27%
Total	7,195	100%	3,388	100%	3,444	100%	313	100%

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

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁴ Values less than five are suppressed for populations less than 50,000 or for populations of unknown size. Additional values may be suppressed to prevent back calculation.

(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 3/1/16

Table 5. Women living with HIV infection on December 31, 2015 by race/ethnicity¹ and exposure mode: Massachusetts²

Exposure mode:	White (NH)		Black (NH)		Hispanic/ Latina		API	
	N	%	N	%	N	%	N	%
Injection drug use	573	41%	274	10%	369	23%	-- ⁵	-- ⁵
Heterosexual sex	425	30%	857	32%	658	42%	30	35%
Other	49	3%	76	3%	52	3%	-- ⁵	-- ⁵

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Total undetermined/other	367	26%	1,488	55%	506	32%	48	56%
• Pres. HTSX ³	258	18%	1,209	45%	384	24%	29	34%
• Undetermined ⁴	109	8%	279	10%	122	8%	19	22%
Total	1,414	100%	2,695	100%	1,585	100%	86	100%

¹ Data for American Indian/Alaska Native and Other/Unknown race/ethnicity are not presented due to small numbers.
² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.
³ Includes woman sex with men of unknown HIV status or risk. This category is limited to women.
⁴ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and those with confirmed occupational risk.
⁵ Values less than five are suppressed for populations less than 50,000 or for populations of unknown size. Additional values may be suppressed to prevent back calculation.
(NH) = Non-Hispanic, API = Asian/Pacific Islander, 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 3/1/16

Table 6. People living with HIV infection on December 31, 2015 by sex at birth¹, race/ethnicity, place of birth and health service region: Massachusetts²

People Living with HIV infection on 12/31/15		
Gender:	N	%
Men	14,439	71%
Women	5,833	29%
Race/Ethnicity:	N	%
White, non-Hispanic	8,609	42%
Black, non-Hispanic	6,083	30%
Hispanic/Latino	5,029	25%
Asian/Pacific Islander	399	2%
Other/Unknown	152	1%
Place of Birth:	N	%
US	13,043	64%
Puerto Rico/US Dependency ³	1,983	10%
Non-US	5,246	26%
Health Service Region⁴:	N	%
Boston HSR	6,379	31%
Central HSR	1,708	8%
Metro West HSR	2,999	15%
Northeast HSR	3,278	16%
Southeast HSR	2,803	14%
Western HSR	2,191	11%
Prison ⁵	879	4%
Total⁶	20,272	100%

¹ Data reflect sex at birth and therefore not gender identity or gender expression of transgender individuals (N=56 transgender individuals living with HIV infection). Please note “women” and “men” are used for stylistic reasons to describe female and male populations diagnosed with HIV infection that include a small number of girls and boys (N=24 children living with HIV infection under age 13 as of 1/1/16).

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-eight percent of people living with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 2% were born in US minor outlying areas, <1% were born in the US Virgin Islands, and <1% were born in Guam.

⁴ 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 for configuration of health service regions

⁵ 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 infection while in a correctional facility. These data do not reflect current incarceration status.

⁶ Total includes 35 people living with HIV infection with unknown HSR; Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 3/1/16

Table 7. People living with HIV infection on December 31, 2015 by sex at birth¹ and race/ethnicity: Massachusetts²

Race/Ethnicity:	Men		Women	
	N	%	N	%
White, non-Hispanic	7,195	50%	1,414	24%
Black, non-Hispanic	3,388	23%	2,695	46%
Hispanic/Latino	3,444	24%	1,585	27%
Asian/Pacific Islander	313	2%	86	1%
Other/Unknown	99	1%	53	1%
Total	14,439	100%	5,833	100%

¹ Data reflect sex at birth and therefore not gender identity or gender expression of transgender individuals (N=56 transgender individuals living with HIV infection). Please note “women” and “men” are used for stylistic reasons to describe female and male populations diagnosed with HIV infection that include a small number of girls and boys (N=24 children living with HIV infection under age 13 as of 1/1/16).

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 3/1/16

Table 8. People living with HIV infection on December 31, 2015 by race/ethnicity and place of birth: Massachusetts¹

Race/Ethnicity:	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	N
White (NH)	8,020	93%	12	<1%	577	7%	8,609
Black (NH)	3,173	52%	15	<1%	2,895	48%	6,083
Hispanic/Latino	1,640	33%	1,956	39%	1,433	28%	5,029
API	88	22%	0	0%	311	78%	399

¹ Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

² Ninety-eight percent of people living with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 2% were born in US minor outlying areas, <1% were born in the US Virgin Islands, and <1% were born in Guam. Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 3/1/16

Table 9. People living with HIV infection on December 31, 2015 by sex at birth¹ and place of birth: Massachusetts²

Place of Birth:	Men		Women	
	N	%	N	%
United States (US)	10,038	70%	3,005	52%
Puerto Rico/US Dependency ³	1,307	9%	676	12%
Non-US	3,094	21%	2,152	37%
Total	14,439	100%	5,833	100%

¹ Data reflect sex at birth and therefore not gender identity or gender expression of transgender individuals (N=56 transgender individuals living with HIV infection). Please note “women” and “men” are used for stylistic reasons to describe female and male populations diagnosed with HIV infection that include a small number of girls and boys (N=24 children living with HIV infection under age 13 as of 1/1/16).

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Ninety-eight percent of people living with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 2% were born in US minor outlying areas, <1% were born in the US Virgin Islands, and <1% were born in Guam. Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 3/1/16

Table 10. Non-US born people living with HIV infection on December 31, 2015 by race/ethnicity and region of birth: Massachusetts¹

Region of Birth:	White NH		Black NH		Hispanic/Latino	
	N	%	N	%	N	%
Caribbean Basin	5	1%	1,205	42%	427	30%
Central & South America	226	39%	34	1%	949	66%
Central & South Asia	8	1%	-- ²	-- ²	-- ²	-- ²
North Africa & Middle East	25	4%	5	0%	0	0%
North America & Europe	266	46%	7	0%	27	2%
Pacific Rim	-- ²	-- ²	0	0%	-- ²	-- ²
Southeast Asia	-- ²					
sub-Saharan Africa	15	3%	1,578	55%	16	1%
Unspecified	27	5%	64	2%	11	1%
Total	577	100%	2,895	100%	1,433	100%

¹ Effective January 1, 2011, the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

² Values less than five are suppressed for populations less than 50,000 or for unknown values. Additional values may be suppressed to prevent back calculation.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 3/1/16

Table 11. People living with HIV infection on December 31, 2015 by current age and sex at birth¹: Massachusetts²

Age in years	Men		Women		State Total	
	N	%	N	%	N	%
Under 13	13	<1%	11	<1%	24	<1%
13 to 19	43	<1%	33	1%	76	<1%
20 to 24	194	1%	104	2%	298	1%
25 to 29	510	4%	183	3%	693	3%
30 to 34	700	5%	249	4%	949	5%
35 to 39	847	6%	507	9%	1,354	7%
40 to 44	1,118	8%	646	11%	1,764	9%
45 to 49	2,048	14%	961	16%	3,009	15%
50 to 54	3,004	21%	1,138	20%	4,142	20%
55 to 59	2,693	19%	916	16%	3,609	18%
60+	3,269	23%	1,085	19%	4,354	21%
Total	14,439	100%	5,833	100%	20,272	100%

¹ Data reflect sex at birth and therefore not gender identity or gender expression of transgender individuals (N=56 transgender individuals living with HIV infection). Please note “women” and “men” are used for stylistic reasons to describe female and male populations diagnosed with HIV infection that include a small number of girls and boys (N=24 children living with HIV infection under age 13 as of 1/1/16).

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 3/1/16

Table 12. Percentage distribution of people living with HIV infection on December 31, 2015 by Health Service Region (HSR)¹ and exposure mode: Massachusetts²

HSR	MSM %	IDU %	MSM/ IDU %	HTSX %	Other %	Pres. HTSX ³ %	Undet. ⁴ %	Total N
Boston	48%	12%	4%	12%	2%	8%	14%	6,379
Central	27%	24%	3%	18%	3%	12%	13%	1,708
Metro west	42%	9%	3%	13%	2%	11%	19%	2,999
Northeast	33%	14%	3%	15%	2%	12%	21%	3,278
Southeast	40%	18%	3%	15%	2%	8%	14%	2,803
Western	28%	26%	3%	17%	3%	9%	14%	2,191
Prison ⁵	8%	65%	8%	6%	<1%	1%	12%	879
Total⁶	38%	18%	3%	14%	2%	9%	16%	20,272

¹ 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 for configuration of health service regions.

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ Includes woman sex with men of unknown HIV status or risk. This category is limited to women.

⁴ Includes man sex with women of unknown HIV status or risk, those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up.

⁵ 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 infection while in a correctional facility. These data do not reflect current incarceration status.

⁶ Mass. total includes 35 persons living with HIV infection with unknown residence at time of report.

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 3/1/16

Table 13. People living with HIV infection on December 31, 2015 by Health Service Region (HSR)¹ and sex at birth²: Massachusetts³

Health Service Region	Men		Women		Total
	N	%	N	%	N
Boston HSR	4,879	76%	1,500	24%	6,379
Central HSR	1,067	62%	641	38%	1,708
Metro West HSR	2,155	72%	844	28%	2,999
Northeast HSR	2,171	66%	1,107	34%	3,278
Southeast HSR	1,973	70%	830	30%	2,803
Western HSR	1,406	64%	785	36%	2,191
Prison ⁴	764	87%	115	13%	879
Massachusetts Total⁵	14,439	71%	5,833	29%	20,272

¹ 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 for configuration of health service regions.

² Data reflect sex at birth and therefore not gender identity or gender expression of transgender individuals (N=56 transgender individuals living with HIV infection). Please note "women" and "men" are used for stylistic reasons to describe female and male populations diagnosed with HIV infection that include a small number of girls and boys (N=24 children living with HIV infection under age 13 as of 1/1/16).

³ Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

⁴ 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 infection while in a correctional facility. These data do not reflect current incarceration status.

⁵ Mass. total includes 35 persons living with HIV infection with unknown residence at time of report.

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) , data as of 3/1/16

Table 14. People living with HIV infection on December 31, 2015 by Health Service Region (HSR)¹ and race/ethnicity: Massachusetts²

HSR	White (NH)		Black (NH)		Hispanic/ Latino		API		Other/Und.		Total
	N	%	N	%	N	%	N	%	N	%	N
Boston	2,466	39%	2,417	38%	1,338	21%	113	2%	45	1%	6,379
Central	703	41%	450	26%	512	30%	31	2%	12	1%	1,708
Metro West	1,461	49%	1,026	34%	411	14%	85	3%	16	1%	2,999
Northeast	1,373	42%	821	25%	939	29%	119	4%	26	1%	3,278
Southeast	1,658	59%	656	23%	439	16%	21	1%	29	1%	2,803
Western	688	31%	431	20%	1,034	47%	23	1%	15	1%	2,191
Prison ³	249	28%	275	31%	342	39%	5	1%	8	1%	879
Total⁴	8,609	42%	6,083	30%	5,029	25%	399	2%	152	1%	20,272

¹ 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 for configuration of health service regions.

² Effective, January 1, 2011 the Massachusetts Department of Public Health, HIV/AIDS fact sheets, epidemiologic reports, and other data presentations have been updated to remove all HIV/AIDS cases that were first diagnosed in another state before being reported in Massachusetts.

³ 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 infection while in a correctional facility. These data do not reflect current incarceration status.

⁴ Mass. total includes 35 persons living with HIV infection with unknown residence at time of report.

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

Data Source: MDPH HIV/AIDS Surveillance Program, data as of 3/1/16