



What is the geographic distribution of the HIV/AIDS epidemic in Massachusetts?

Introduction

This fact sheet provides a summary of the geographic distribution of HIV/AIDS in Massachusetts. Table 1 identifies the 15 localities with the highest average annual rate of HIV infection diagnosis and Table 2 identifies the 15 localities with the highest average annual number of HIV infection diagnoses. Table 3 identifies the 15 localities with the highest prevalence of HIV/AIDS per 100,000 population and Table 4 identifies the 15 localities with the highest prevalence of HIV/AIDS.

Examination of HIV infection diagnosis rates and rates of people living with HIV/AIDS within cities and towns reveals disparities that might otherwise be hidden by population size. For example, although the *number* of HIV diagnoses in Provincetown is much smaller than the number of cases in Boston or other large Massachusetts cities, the *rate* of HIV infection diagnoses is much higher since the total year-round population of Provincetown is very small. Therefore, a high *rate* of HIV infection or HIV/AIDS prevalence does not always indicate a high *number* of cases.

The numbers of people living with HIV/AIDS, and diagnosed and reported with HIV infection within the three-year period 2010 to 2012 are presented for the 16 cities and towns that were among the top fifteen by one of the following indicators:

- 1) the number of average annual HIV infection diagnoses from 2010 to 2012; or,
- 2) the number of people living with HIV/AIDS.

These analyses provide a point of reference for comparison to the statewide HIV/AIDS epidemic. It must be noted that the geographic information presented in these analyses reflect residence at the *time of report or diagnosis* and **not necessarily current residence**. Therefore, the data may not represent the current distribution of people living with HIV/AIDS.

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 Diseases, 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, 2013, this resulted in the removal of 3,529 HIV/AIDS cases, of which 914 have died and 2,615 were living. These persons living with HIV/AIDS may still continue to reside and receive care in the Commonwealth. The total number of persons living with HIV/AIDS, irrespective of location at diagnosis, is the basis for MDPH service planning. This change is partially a result of increased activities required by the Centers for Disease Control and Prevention (CDC) for de-duplication among states in an effort to identify cases that are counted multiple times in the National HIV/AIDS Surveillance System. The cases are assigned to the state that reports the earliest date of AIDS diagnosis if available. If the case has not progressed to AIDS, the case is assigned to the state with the earliest HIV diagnosis date. 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 exposure mode category for males; those cases have been reassigned to the no identified risk (NIR) exposure mode category. The presumed heterosexual exposure mode category was used with the intention of identifying HIV exposure mode for females when sex with males 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. Twenty-nine percent of females living with HIV/AIDS and 40% of recent female HIV diagnoses are reported in the presumed heterosexual exposure mode category. The application of the presumed heterosexual exposure mode category to males is overly inclusive in that female to male HIV transmission is biologically less probable, and there are alternate exposure modes that are possible for males, including sex with other men (MSM) or IDU. The CDC reports males diagnosed with HIV/AIDS who report sex with females as their only risk factor, without corresponding partner risk or HIV status information, in the NIR exposure mode category. This revision to report presumed heterosexual male HIV/AIDS cases as NIR will bring Massachusetts HIV/AIDS case reporting for males in alignment with CDC standards. The MDPH will maintain presumed heterosexual and heterosexual exposure mode categories for females

Table 1. Fifteen cities/towns¹ in Massachusetts² with the highest rate of HIV infection diagnosis: average annual rate per 100,000, 2010–2012³ and average number per year

Rank	City/Town	Average Rate per 100,000	Average Number
1	Provincetown	917.7	9.0
2	Holyoke	97.8	13.0
3	Boston	91.3	188.0
4	Chelsea	88.1	10.3
5	Brockton	77.8	24.3
6	Lawrence	74.6	19.0
7	Springfield	73.8	37.7
8	Everett	57.6	8.0
9	Lynn	57.6	17.3
10	Lowell	55.4	19.7
11	Waltham	51.1	10.3
12	Worcester	50.3	30.3
13	New Bedford	43.1	13.7
14	Somerville	42.2	10.7
15	Malden	42.1	8.3

¹ Cities with fewer than 20 HIV infection diagnoses from 2010–2012 are excluded.

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 Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/14

Table 2. Fifteen cities/towns in Massachusetts¹ with the highest average number of HIV infection diagnosis: 2010–2012²

Rank	City/Town	Average Number	Percent of Total
1	Boston	188.0	27%
2	Springfield	37.7	5%
3	Worcester	30.3	4%
4	Brockton	24.3	4%
5	Lowell	19.7	3%
6	Lawrence	19.0	3%
7	Lynn	17.3	3%
8	Cambridge	14.3	2%
9	New Bedford	13.7	2%
10	Holyoke	13.0	2%
11	Somerville	10.7	2%
12	Chelsea	10.3	2%
13	Waltham	10.3	2%
14	Provincetown	9.0	1%
14	Quincy	9.0	1%

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 Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/14

Table 3. Fifteen cities/towns¹ in Massachusetts with the highest rate of people living with HIV/AIDS per 100,000 on December 31, 2013

Rank	City/Town	Rate per 100,000	Number
1	Provincetown	10,843.0	319
2	Boston	908.9	5,613
3	Holyoke	734.7	293
4	Springfield	721.3	1,104
5	Lawrence	568.2	434
6	Worcester	521.4	944
7	Brockton	492.5	462
8	New Bedford	491.2	467
9	Lowell	481.6	513
10	Malden	474.4	282
11	Lynn	462.8	418
12	Somerville	448.8	340
13	Waltham	405.7	246
14	Cambridge	401.3	422
15	Quincy	274.2	253

¹ Cities with fewer than 20 people living with HIV/AIDS on December 31, 2013 are excluded.

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, data as of 1/1/14

Table 4. Fifteen cities/towns¹ in Massachusetts with the highest number of people living with HIV/AIDS per 100,000 on December 31, 2013

Rank	City/Town	Number	Percent of Total
1	Boston	5,613	29%
2	Springfield	1,104	6%
3	Worcester	944	5%
4	Lowell	513	3%
5	New Bedford	467	2%
6	Brockton	462	2%
7	Lawrence	434	2%
8	Cambridge	422	2%
9	Lynn	418	2%
10	Somerville	340	2%
11	Provincetown	319	2%
12	Holyoke	293	2%
13	Malden	282	1%
14	Quincy	253	1%
15	Waltham	246	1%

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.
Data Source: MDPH HIV/AIDS Surveillance Program, data as of 1/1/14

Table 5. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: City of Boston, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	436	77%	4,297	77%
Female	128	23%	1,316	23%
Place of Birth:	N	%	N	%
US	346	61%	3,812	68%
Puerto Rico/US dependency ³	23	4%	337	6%
Non-US	195	35%	1,464	26%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	178	32%	2,211	39%
Black (non-Hispanic)	223	40%	2,235	40%
Hispanic/Latino	135	24%	1,048	19%
Asian/Pacific Islander	17	3%	84	1%
Other/Undetermined ⁴	11	2%	35	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	283	50%	2,713	48%
Injection Drug Use (IDU)	35	6%	721	13%
MSM/IDU	19	3%	204	4%
Heterosexual Sex	54	10%	687	12%
Other	6	1%	100	2%
Total Undetermined	167	30%	1,188	21%
• Presumed Heterosexual Sex ⁵	65	12%	449	8%
• Undetermined ⁶	102	18%	739	13%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	4	1%	9	<1%
13 to 19	6	1%	33	1%
20 to 24	26	5%	66	1%
25 to 29	71	13%	184	3%
30 to 34	66	12%	252	4%
35 to 39	78	14%	362	6%
40 to 44	73	13%	559	10%
45 to 49	68	12%	972	17%
50 to 54	71	13%	1,144	20%
55 to 59	49	9%	974	17%
60+	52	9%	1,058	19%
Total	564	100%	5,613	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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 1/1/14

Table 6. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Brockton, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	35	48%	263	57%
Female	38	52%	199	43%
Place of Birth:	N	%	N	%
US	-- ⁷	-- ⁷	207	45%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	35	8%
Non-US	50	68%	220	48%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	7	10%	97	21%
Black (non-Hispanic)	55	75%	283	61%
Hispanic/Latino	11	15%	77	17%
Asian/Pacific Islander	0	0%	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	11	15%	80	17%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	67	15%
MSM/IDU	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Heterosexual Sex	10	14%	96	21%
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	50	68%	203	44%
• Presumed Heterosexual Sex ⁵	29	40%	89	19%
• Undetermined ⁶	21	29%	114	25%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	8	2%
25 to 29	-- ⁷	-- ⁷	13	3%
30 to 34	10	14%	19	4%
35 to 39	8	11%	30	6%
40 to 44	11	15%	49	11%
45 to 49	12	16%	72	16%
50 to 54	11	15%	95	21%
55 to 59	9	12%	80	17%
60+	5	7%	89	19%
Total	73	100%	462	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 7. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Cambridge, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	36	84%	320	76%
Female	7	16%	102	24%
Place of Birth:	N	%	N	%
US	21	49%	246	58%
Puerto Rico/US dependency ³	0	0%	14	3%
Non-US	22	51%	162	38%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	19	44%	183	43%
Black (non-Hispanic)	15	35%	177	42%
Hispanic/Latino	-- ⁷	-- ⁷	49	12%
Asian/Pacific Islander	5	12%	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	26	60%	196	46%
Injection Drug Use (IDU)	0	0%	39	9%
MSM/IDU	-- ⁷	-- ⁷	17	4%
Heterosexual Sex	-- ⁷	-- ⁷	42	10%
Other	0	0%	14	3%
Total Undetermined	16	37%	114	27%
• Presumed Heterosexual Sex ⁵	5	12%	39	9%
• Undetermined ⁶	11	26%	75	18%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	6	1%
25 to 29	6	14%	15	4%
30 to 34	6	14%	28	7%
35 to 39	10	23%	24	6%
40 to 44	-- ⁷	-- ⁷	41	10%
45 to 49	6	14%	57	14%
50 to 54	-- ⁷	-- ⁷	79	19%
55 to 59	-- ⁷	-- ⁷	71	17%
60+	-- ⁷	-- ⁷	98	23%
Total	43	100%	422	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 8. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Chelsea, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	24	77%	161	69%
Female	7	23%	71	31%
Place of Birth:	N	%	N	%
US	8	26%	96	41%
Puerto Rico/US dependency ³	5	16%	25	11%
Non-US	18	58%	111	48%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	-- ⁷	-- ⁷	61	26%
Black (non-Hispanic)	7	23%	44	19%
Hispanic/Latino	20	65%	126	54%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	9	29%	84	36%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	27	12%
MSM/IDU	0	0%	-- ⁷	-- ⁷
Heterosexual Sex	5	16%	43	19%
Other	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Total Undetermined	15	48%	72	31%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	26	11%
• Undetermined ⁶	-- ⁷	-- ⁷	46	20%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	0	0%
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	-- ⁷	-- ⁷	7	3%
30 to 34	6	19%	18	8%
35 to 39	5	16%	32	14%
40 to 44	10	32%	36	16%
45 to 49	-- ⁷	-- ⁷	41	18%
50 to 54	0	0%	36	16%
55 to 59	-- ⁷	-- ⁷	26	11%
60+	-- ⁷	-- ⁷	32	14%
Total	31	100%	232	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 9. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Holyoke, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	32	82%	175	60%
Female	7	18%	118	40%
Place of Birth:	N	%	N	%
US	19	49%	137	47%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	144	49%
Non-US	-- ⁷	-- ⁷	12	4%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	7	18%	48	16%
Black (non-Hispanic)	-- ⁷	-- ⁷	16	5%
Hispanic/Latino	27	69%	227	77%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	13	33%	46	16%
Injection Drug Use (IDU)	8	21%	106	36%
MSM/IDU	-- ⁷	-- ⁷	9	3%
Heterosexual Sex	9	23%	71	24%
Other	-- ⁷	-- ⁷	15	5%
Total Undetermined	7	18%	46	16%
• Presumed Heterosexual Sex ⁵	0	0%	15	5%
• Undetermined ⁶	7	18%	31	11%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	5	13%	9	3%
25 to 29	5	13%	15	5%
30 to 34	6	15%	13	4%
35 to 39	-- ⁷	-- ⁷	27	9%
40 to 44	-- ⁷	-- ⁷	26	9%
45 to 49	7	18%	54	18%
50 to 54	-- ⁷	-- ⁷	72	25%
55 to 59	-- ⁷	-- ⁷	42	14%
60+	-- ⁷	-- ⁷	32	11%
Total	39	100%	293	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 10. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lawrence, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	33	58%	233	54%
Female	24	42%	201	46%
Place of Birth:	N	%	N	%
US	16	28%	125	29%
Puerto Rico/US dependency ³	14	25%	163	38%
Non-US	27	47%	146	34%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	5	9%	45	10%
Black (non-Hispanic)	-- ⁷	-- ⁷	33	8%
Hispanic/Latino	48	84%	351	81%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	11	19%	45	10%
Injection Drug Use (IDU)	10	18%	107	25%
MSM/IDU	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Heterosexual Sex	17	30%	123	28%
Other	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Total Undetermined	18	32%	140	32%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	50	12%
• Undetermined ⁶	-- ⁷	-- ⁷	90	21%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	10	2%
25 to 29	7	12%	9	2%
30 to 34	8	14%	32	7%
35 to 39	7	12%	36	8%
40 to 44	9	16%	49	11%
45 to 49	-- ⁷	-- ⁷	81	19%
50 to 54	7	12%	76	18%
55 to 59	6	11%	63	15%
60+	-- ⁷	-- ⁷	73	17%
Total	57	100%	434	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 11. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lowell, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	35	59%	302	59%
Female	24	41%	211	41%
Place of Birth:	N	%	N	%
US	30	51%	205	40%
Puerto Rico/US dependency ³	5	8%	110	21%
Non-US	24	41%	198	39%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	-- ⁷	-- ⁷	124	24%
Black (non-Hispanic)	23	39%	167	33%
Hispanic/Latino	15	25%	172	34%
Asian/Pacific Islander	6	10%	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	13	22%	90	18%
Injection Drug Use (IDU)	7	12%	111	22%
MSM/IDU	-- ⁷	-- ⁷	8	2%
Heterosexual Sex	-- ⁷	-- ⁷	89	17%
Other	0	0%	17	3%
Total Undetermined	34	58%	198	39%
• Presumed Heterosexual Sex ⁵	8	14%	72	14%
• Undetermined ⁶	26	44%	126	25%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	0	0%
13 to 19	-- ⁷	-- ⁷	8	2%
20 to 24	-- ⁷	-- ⁷	9	2%
25 to 29	7	12%	17	3%
30 to 34	10	17%	22	4%
35 to 39	11	19%	48	9%
40 to 44	7	12%	69	13%
45 to 49	8	14%	109	21%
50 to 54	-- ⁷	-- ⁷	100	19%
55 to 59	-- ⁷	-- ⁷	70	14%
60+	-- ⁷	-- ⁷	61	12%
Total	59	100%	513	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 12. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lynn, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	35	67%	257	61%
Female	17	33%	161	39%
Place of Birth:	N	%	N	%
US	-- ⁷	-- ⁷	220	53%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	34	8%
Non-US	30	58%	164	39%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	14	27%	138	33%
Black (non-Hispanic)	19	37%	153	37%
Hispanic/Latino	13	25%	105	25%
Asian/Pacific Islander	6	12%	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	15	29%	108	26%
Injection Drug Use (IDU)	5	10%	70	17%
MSM/IDU	0	0%	10	2%
Heterosexual Sex	6	12%	61	15%
Other	0	0%	6	1%
Total Undetermined	26	50%	163	39%
• Presumed Heterosexual Sex ⁵	9	17%	69	17%
• Undetermined ⁶	17	33%	94	22%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	5	10%	7	2%
25 to 29	5	10%	16	4%
30 to 34	7	13%	14	3%
35 to 39	9	17%	41	10%
40 to 44	6	12%	39	9%
45 to 49	10	19%	79	19%
50 to 54	5	10%	86	21%
55 to 59	-- ⁷	-- ⁷	73	17%
60+	-- ⁷	-- ⁷	59	14%
Total	52	100%	418	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 13. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Malden, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	12	48%	187	66%
Female	13	52%	95	34%
Place of Birth:	N	%	N	%
US	12	48%	137	49%
Puerto Rico/US dependency ³	0	0%	7	2%
Non-US	13	52%	138	49%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	8	32%	99	35%
Black (non-Hispanic)	12	48%	139	49%
Hispanic/Latino	-- ⁷	-- ⁷	30	11%
Asian/Pacific Islander	0	0%	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	11	44%	113	40%
Injection Drug Use (IDU)	0	0%	20	7%
MSM/IDU	0	0%	-- ⁷	-- ⁷
Heterosexual Sex	6	24%	39	14%
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	8	32%	101	36%
• Presumed Heterosexual Sex ⁵	7	28%	44	16%
• Undetermined ⁶	1	4%	57	20%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	0	0%
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	-- ⁷	-- ⁷	5	2%
30 to 34	5	20%	23	8%
35 to 39	-- ⁷	-- ⁷	16	6%
40 to 44	-- ⁷	-- ⁷	30	11%
45 to 49	-- ⁷	-- ⁷	63	22%
50 to 54	-- ⁷	-- ⁷	64	23%
55 to 59	-- ⁷	-- ⁷	37	13%
60+	-- ⁷	-- ⁷	41	15%
Total	25	100%	282	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 14. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: New Bedford, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	29	71%	261	56%
Female	12	29%	206	44%
Place of Birth:	N	%	N	%
US	32	78%	345	74%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	65	14%
Non-US	-- ⁷	-- ⁷	57	12%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	26	63%	231	49%
Black (non-Hispanic)	8	20%	108	23%
Hispanic/Latino	6	15%	122	26%
Asian/Pacific Islander	-- ⁷	-- ⁷	0	0%
Other/Undetermined ⁴	-- ⁷	-- ⁷	6	1%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	14	34%	73	16%
Injection Drug Use (IDU)	9	22%	181	39%
MSM/IDU	-- ⁷	-- ⁷	11	2%
Heterosexual Sex	5	12%	120	26%
Other	-- ⁷	-- ⁷	7	1%
Total Undetermined	11	27%	75	16%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	31	7%
• Undetermined ⁶	-- ⁷	-- ⁷	44	9%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	0	0%
13 to 19	-- ⁷	-- ⁷	0	0%
20 to 24	-- ⁷	-- ⁷	5	1%
25 to 29	-- ⁷	-- ⁷	15	3%
30 to 34	7	17%	15	3%
35 to 39	-- ⁷	-- ⁷	29	6%
40 to 44	9	22%	41	9%
45 to 49	7	17%	83	18%
50 to 54	-- ⁷	-- ⁷	111	24%
55 to 59	-- ⁷	-- ⁷	83	18%
60+	-- ⁷	-- ⁷	85	18%
Total	41	100%	467	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 15. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Provincetown, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	-- ⁷	-- ⁷	310	97%
Female	-- ⁷	-- ⁷	9	3%
Place of Birth:	N	%	N	%
US	26	96%	285	89%
Puerto Rico/US dependency ³	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Non-US	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	23	85%	286	90%
Black (non-Hispanic)	-- ⁷	-- ⁷	9	3%
Hispanic/Latino	-- ⁷	-- ⁷	20	6%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	0	0%	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	23	85%	286	90%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	6	2%
MSM/IDU	0	0%	13	4%
Heterosexual Sex	0	0%	-- ⁷	-- ⁷
Other	0	0%	-- ⁷	-- ⁷
Total Undetermined	-- ⁷	-- ⁷	11	3%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	-- ⁷	-- ⁷
• Undetermined ⁶	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	0	0%
13 to 19	0	0%	0	0%
20 to 24	-- ⁷	-- ⁷	0	0%
25 to 29	-- ⁷	-- ⁷	-- ⁷	-- ⁷
30 to 34	-- ⁷	-- ⁷	8	3%
35 to 39	-- ⁷	-- ⁷	10	3%
40 to 44	7	26%	21	7%
45 to 49	7	26%	62	19%
50 to 54	-- ⁷	-- ⁷	89	28%
55 to 59	-- ⁷	-- ⁷	62	19%
60+	-- ⁷	-- ⁷	65	20%
Total	27	100%	319	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 16. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Quincy, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	22	81%	198	78%
Female	5	19%	55	22%
Place of Birth:	N	%	N	%
US	15	56%	180	71%
Puerto Rico/US dependency ³	0	0%	9	4%
Non-US	12	44%	64	25%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	12	44%	131	52%
Black (non-Hispanic)	9	33%	75	30%
Hispanic/Latino	5	19%	29	11%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	15	56%	112	44%
Injection Drug Use (IDU)	0	0%	43	17%
MSM/IDU	-- ⁷	-- ⁷	10	4%
Heterosexual Sex	-- ⁷	-- ⁷	35	14%
Other	0	0%	5	2%
Total Undetermined	9	33%	48	19%
• Presumed Heterosexual Sex ⁵	-- ⁷	-- ⁷	12	5%
• Undetermined ⁶	-- ⁷	-- ⁷	36	14%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	0	0%	0	0%
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	-- ⁷	-- ⁷	6	2%
30 to 34	6	22%	12	5%
35 to 39	-- ⁷	-- ⁷	15	6%
40 to 44	5	19%	25	10%
45 to 49	-- ⁷	-- ⁷	53	21%
50 to 54	-- ⁷	-- ⁷	57	23%
55 to 59	-- ⁷	-- ⁷	40	16%
60+	-- ⁷	-- ⁷	40	16%
Total	27	100%	253	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 17. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Somerville, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	24	75%	256	75%
Female	8	25%	84	25%
Place of Birth:	N	%	N	%
US	13	41%	179	53%
Puerto Rico/US dependency ³	0	0%	-- ⁷	-- ⁷
Non-US	19	59%	-- ⁷	-- ⁷
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	11	34%	169	50%
Black (non-Hispanic)	7	22%	102	30%
Hispanic/Latino	10	31%	57	17%
Asian/Pacific Islander	-- ⁷	-- ⁷	12	4%
Other/Undetermined ⁴	-- ⁷	-- ⁷	0	0%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	13	41%	153	45%
Injection Drug Use (IDU)	-- ⁷	-- ⁷	29	9%
MSM/IDU	-- ⁷	-- ⁷	14	4%
Heterosexual Sex	-- ⁷	-- ⁷	30	9%
Other	-- ⁷	-- ⁷	11	3%
Total Undetermined	14	44%	103	30%
• Presumed Heterosexual Sex ⁵	6	19%	45	13%
• Undetermined ⁶	8	25%	58	17%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	-- ⁷	-- ⁷	-- ⁷	-- ⁷
13 to 19	0	0%	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	-- ⁷	-- ⁷
25 to 29	6	19%	15	4%
30 to 34	-- ⁷	-- ⁷	22	6%
35 to 39	5	16%	27	8%
40 to 44	5	16%	50	15%
45 to 49	-- ⁷	-- ⁷	58	17%
50 to 54	-- ⁷	-- ⁷	58	17%
55 to 59	-- ⁷	-- ⁷	46	14%
60+	-- ⁷	-- ⁷	58	17%
Total	32	100%	340	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 18. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Springfield, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	74	65%	671	61%
Female	39	35%	433	39%
Place of Birth:	N	%	N	%
US	77	68%	753	68%
Puerto Rico/US dependency ³	22	19%	279	25%
Non-US	14	12%	72	7%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	20	18%	200	18%
Black (non-Hispanic)	36	32%	305	28%
Hispanic/Latino	56	50%	587	53%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	38	34%	234	21%
Injection Drug Use (IDU)	14	12%	336	30%
MSM/IDU	-- ⁷	-- ⁷	33	3%
Heterosexual Sex	17	15%	202	18%
Other	-- ⁷	-- ⁷	29	3%
Total Undetermined	43	38%	270	24%
• Presumed Heterosexual Sex ⁵	15	13%	108	10%
• Undetermined ⁶	28	25%	162	15%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	-- ⁷	-- ⁷	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	14	12%	29	3%
25 to 29	12	11%	34	3%
30 to 34	11	10%	52	5%
35 to 39	16	14%	73	7%
40 to 44	10	9%	124	11%
45 to 49	20	18%	186	17%
50 to 54	10	9%	236	21%
55 to 59	6	5%	174	16%
60+	9	8%	189	17%
Total	113	100%	1,104	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 19. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Waltham, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	19	61%	138	56%
Female	12	39%	108	44%
Place of Birth:	N	%	N	%
US	13	42%	-- ⁷	-- ⁷
Puerto Rico/US dependency ³	0	0%	-- ⁷	-- ⁷
Non-US	18	58%	160	65%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	10	32%	57	23%
Black (non-Hispanic)	14	45%	160	65%
Hispanic/Latino	6	19%	21	9%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	10	32%	57	23%
Injection Drug Use (IDU)	0	0%	-- ⁷	-- ⁷
MSM/IDU	0	0%	3	1%
Heterosexual Sex	-- ⁷	-- ⁷	59	24%
Other	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Total Undetermined	16	52%	119	48%
• Presumed Heterosexual Sex ⁵	5	16%	50	20%
• Undetermined ⁶	11	35%	69	28%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	-- ⁷	-- ⁷	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	-- ⁷	-- ⁷	5	2%
25 to 29	5	16%	7	3%
30 to 34	-- ⁷	-- ⁷	20	8%
35 to 39	-- ⁷	-- ⁷	18	7%
40 to 44	-- ⁷	-- ⁷	40	16%
45 to 49	7	23%	46	19%
50 to 54	-- ⁷	-- ⁷	52	21%
55 to 59	0	0%	26	11%
60+	-- ⁷	-- ⁷	30	12%
Total	31	100%	246	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14

Table 20. People diagnosed with HIV infection from 2010–2012¹ and people living with HIV/AIDS on December 31, 2013 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Worcester, Massachusetts²

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	58	64%	543	58%
Female	33	36%	401	42%
Place of Birth:	N	%	N	%
US	37	41%	497	53%
Puerto Rico/US dependency ³	17	19%	201	21%
Non-US	37	41%	246	26%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	17	19%	288	31%
Black (non-Hispanic)	39	43%	298	32%
Hispanic/Latino	31	34%	336	36%
Asian/Pacific Islander	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Other/Undetermined ⁴	-- ⁷	-- ⁷	-- ⁷	-- ⁷
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	25	27%	184	19%
Injection Drug Use (IDU)	10	11%	275	29%
MSM/IDU	-- ⁷	-- ⁷	35	4%
Heterosexual Sex	13	14%	194	21%
Other	-- ⁷	-- ⁷	20	2%
Total Undetermined	40	44%	236	25%
• Presumed Heterosexual Sex ⁵	19	21%	121	13%
• Undetermined ⁶	21	23%	115	12%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2013	
Under 13	-- ⁷	-- ⁷	-- ⁷	-- ⁷
13 to 19	-- ⁷	-- ⁷	-- ⁷	-- ⁷
20 to 24	10	11%	10	1%
25 to 29	7	8%	40	4%
30 to 34	9	10%	37	4%
35 to 39	16	18%	56	6%
40 to 44	14	15%	115	12%
45 to 49	11	12%	161	17%
50 to 54	13	14%	206	22%
55 to 59	5	5%	159	17%
60+	5	5%	157	17%
Total	91	100%	944	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis for the most recently available three-year period after the implementation of HIV infection reporting in 1999.

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 diagnosed with HIV infection from 2010–2012 who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, 1% were born in Guam and 1% were born in an unknown dependency.

⁴ Other/Undetermined includes American Indian/Alaska Native individuals and persons of unspecified race/ethnicity

⁵ Includes female sex with male of unknown HIV status or risk. This category is limited to females.

⁶ Includes male sex with female 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.

⁷ 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 1/1/14