

**Table 2: Number (adjusted<sup>1</sup>) and proportion<sup>2</sup> of HIV diagnoses by year-quarter of test and exposure category, Ontario, 1996-2013 Q2**

Year-quarter	MSM		MSM-IDU		IDU		Clot factor		Transfused		HIV-endemic		HR hetero		LR hetero		MTC <sup>3</sup>		Other		Total
	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No
1996	558	54.0%	44	4.2%	126	12.2%	6	0.6%	11	1.0%	128	12.4%	45	4.3%	92	8.9%	19	1.8%	6	0.6%	1,034
1997	469	50.8%	40	4.3%	107	11.6%	5	0.5%	17	1.8%	114	12.4%	65	7.0%	94	10.2%	6	0.6%	6	0.7%	924
1998	463	48.5%	41	4.3%	113	11.8%	2	0.2%	15	1.6%	140	14.7%	49	5.2%	119	12.5%	5	0.5%	6	0.7%	953
1999	422	47.5%	26	2.9%	124	13.9%	1	0.1%	15	1.7%	134	15.1%	49	5.5%	107	12.0%	6	0.7%	5	0.6%	889
2000	442	49.9%	32	3.6%	84	9.5%	2	0.2%	21	2.3%	143	16.1%	45	5.1%	111	12.5%	3	0.3%	3	0.4%	886
2001	422	44.1%	24	2.6%	77	8.0%	2	0.2%	10	1.0%	199	20.8%	60	6.3%	146	15.2%	8	0.8%	9	1.0%	957
2002	485	42.9%	20	1.8%	79	7.0%	0	0.0%	6	0.5%	333	29.4%	58	5.1%	134	11.8%	7	0.6%	10	0.9%	1,132
2003	427	39.3%	23	2.1%	67	6.2%	2	0.2%	9	0.8%	349	32.1%	46	4.2%	149	13.7%	4	0.4%	10	0.9%	1,085
2004	536	46.0%	28	2.4%	92	7.9%	2	0.2%	3	0.3%	288	24.7%	55	4.7%	141	12.1%	3	0.3%	16	1.4%	1,164
2005	500	45.2%	17	1.5%	109	9.8%	1	0.1%	16	1.4%	283	25.6%	41	3.7%	127	11.5%	9	0.8%	4	0.3%	1,106
2006	468	41.3%	19	1.7%	51	4.5%	1	0.1%	5	0.5%	359	31.7%	57	5.1%	156	13.8%	5	0.4%	11	1.0%	1,132
2007	483	46.0%	40	3.8%	102	9.7%	0	0.0%	12	1.1%	226	21.6%	34	3.2%	132	12.6%	3	0.3%	17	1.7%	1,049
2008 Q1	122	44.9%	5	1.8%	21	7.7%	0	0.0%	0	0.0%	81	29.6%	11	3.9%	29	10.7%	0	0.0%	3	1.3%	272
2008 Q2	144	55.7%	10	3.9%	13	5.0%	0	0.0%	0	0.0%	47	18.3%	13	5.0%	30	11.6%	1	0.4%	0	0.0%	258
2008 Q3	132	50.5%	6	2.3%	18	7.0%	0	0.0%	2	0.9%	56	21.5%	16	6.2%	27	10.4%	2	0.8%	1	0.5%	261
2008 Q4	127	40.8%	11	3.6%	35	11.4%	0	0.0%	1	0.3%	60	19.3%	21	6.7%	49	15.8%	3	1.0%	4	1.2%	311
<b>2008 Total</b>	<b>524</b>	<b>47.6%</b>	<b>32</b>	<b>2.9%</b>	<b>87</b>	<b>7.9%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>0.3%</b>	<b>244</b>	<b>22.1%</b>	<b>61</b>	<b>5.5%</b>	<b>135</b>	<b>12.3%</b>	<b>6</b>	<b>0.5%</b>	<b>8</b>	<b>0.8%</b>	<b>1,102</b>
2009 Q1	129	49.9%	4	1.7%	21	8.0%	0	0.0%	0	0.0%	51	19.6%	6	2.4%	43	16.6%	3	1.2%	2	0.7%	259
2009 Q2	149	55.9%	6	2.3%	12	4.4%	0	0.0%	0	0.0%	46	17.3%	15	5.6%	36	13.3%	3	1.1%	0	0.0%	267
2009 Q3	132	51.5%	10	4.0%	25	9.8%	0	0.0%	3	1.3%	43	16.7%	9	3.6%	29	11.4%	2	0.8%	3	1.0%	256
2009 Q4	111	51.4%	5	2.2%	22	10.4%	0	0.0%	0	0.0%	29	13.3%	9	4.2%	31	14.2%	2	0.9%	8	3.5%	217
<b>2009 Total</b>	<b>522</b>	<b>52.2%</b>	<b>26</b>	<b>2.6%</b>	<b>80</b>	<b>8.0%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>0.3%</b>	<b>169</b>	<b>16.9%</b>	<b>39</b>	<b>3.9%</b>	<b>138</b>	<b>13.8%</b>	<b>10</b>	<b>1.0%</b>	<b>12</b>	<b>1.2%</b>	<b>999</b>
2010 Q1	125	50.9%	5	2.1%	17	7.0%	0	0.0%	0	0.0%	52	21.1%	9	3.5%	36	14.5%	0	0.0%	2	0.8%	245
2010 Q2	148	56.2%	7	2.8%	18	6.6%	0	0.0%	0	0.0%	44	16.6%	10	3.6%	30	11.3%	2	0.8%	5	2.1%	264
2010 Q3	151	56.4%	7	2.6%	25	9.4%	0	0.0%	0	0.0%	39	14.6%	6	2.2%	32	12.0%	1	0.4%	6	2.4%	268
2010 Q4	132	52.9%	3	1.3%	18	7.2%	0	0.0%	0	0.0%	50	19.8%	12	5.0%	31	12.5%	0	0.0%	3	1.3%	250
<b>2010 Total</b>	<b>556</b>	<b>54.2%</b>	<b>23</b>	<b>2.2%</b>	<b>78</b>	<b>7.6%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>184</b>	<b>17.9%</b>	<b>36</b>	<b>3.5%</b>	<b>129</b>	<b>12.5%</b>	<b>3</b>	<b>0.3%</b>	<b>17</b>	<b>1.7%</b>	<b>1,027</b>
2011 Q1	149	57.7%	7	2.6%	20	7.6%	0	0.0%	0	0.0%	54	21.0%	6	2.4%	20	7.8%	1	0.4%	1	0.6%	259
2011 Q2	121	51.6%	6	2.6%	11	4.8%	0	0.0%	3	1.1%	41	17.6%	16	6.9%	30	12.8%	0	0.0%	6	2.5%	235
2011 Q3	124	54.3%	6	2.6%	16	6.9%	0	0.0%	7	3.0%	38	16.5%	4	1.8%	28	12.1%	0	0.0%	6	2.8%	229
2011 Q4	114	50.9%	4	1.9%	15	6.6%	0	0.0%	2	0.9%	50	22.2%	7	3.0%	29	13.0%	0	0.0%	3	1.5%	225
<b>2011 Total</b>	<b>510</b>	<b>53.8%</b>	<b>23</b>	<b>2.4%</b>	<b>62</b>	<b>6.5%</b>	<b>0</b>	<b>0.0%</b>	<b>12</b>	<b>1.2%</b>	<b>184</b>	<b>19.4%</b>	<b>33</b>	<b>3.5%</b>	<b>107</b>	<b>11.3%</b>	<b>1</b>	<b>0.1%</b>	<b>17</b>	<b>1.8%</b>	<b>948</b>
2012 Q1	149	58.9%	5	2.1%	17	6.7%	0	0.0%	0	0.0%	43	17.2%	5	2.1%	25	9.8%	0	0.0%	8	3.3%	253
2012 Q2	118	54.8%	5	2.3%	9	4.0%	0	0.0%	0	0.0%	47	22.0%	10	4.6%	27	12.3%	0	0.0%	0	0.0%	216
2012 Q3	103	53.5%	6	3.2%	10	5.4%	0	0.0%	0	0.0%	47	24.3%	4	2.1%	22	11.5%	0	0.0%	0	0.0%	193
2012 Q4	127	70.1%	4	2.3%	4	2.2%	0	0.0%	0	0.0%	20	11.3%	2	1.3%	23	12.9%	0	0.0%	0	0.0%	181
<b>2012 Total</b>	<b>497</b>	<b>59.0%</b>	<b>21</b>	<b>2.4%</b>	<b>40</b>	<b>4.7%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>158</b>	<b>18.8%</b>	<b>22</b>	<b>2.6%</b>	<b>97</b>	<b>11.5%</b>	<b>0</b>	<b>0.0%</b>	<b>8</b>	<b>1.0%</b>	<b>843</b>
2013 Q1	105	64.8%	5	2.9%	9	5.5%	0	0.0%	0	0.0%	18	11.4%	6	3.6%	18	11.0%	1	0.6%	0	0.2%	162
2013 Q2	125	65.5%	3	1.6%	8	4.4%	0	0.0%	0	0.0%	30	15.7%	4	2.2%	20	10.6%	0	0.0%	0	0.0%	191
<b>2013 Total</b>	<b>230</b>	<b>65.2%</b>	<b>8</b>	<b>2.2%</b>	<b>17</b>	<b>4.9%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>48</b>	<b>13.7%</b>	<b>10</b>	<b>2.8%</b>	<b>38</b>	<b>10.8%</b>	<b>1</b>	<b>0.3%</b>	<b>0</b>	<b>0.1%</b>	<b>353</b>

1 Unknown exposure categories assigned according to the results of the Laboratory Enhancement Program (see Technical Notes); thus, totals may differ slightly due to rounding

2 Row percent

3 Includes only infants with HIV infection; note that the classification of infant cases has been modified since December 2005

Data source: Public Health Laboratory Toronto, Public Health Ontario

**Commentary:** The annual number of HIV diagnoses among MSM decreased from 1996 to 2001. It subsequently increased and remained stable at about 500 cases per year since including in 2012. Annual cases decreased for IDUs, from about 120 cases from 1996 to 1999 to about 85 cases from 2000 to 2009. A decreasing trend was observed since then, with 17 cases in the first half of 2013. The number of HIV diagnoses in the low-risk heterosexual increased from 1996 to a peak of 2006 and appeared to decrease since, especially in the most recent two and half years (2011-13 Q2). Diagnoses in the HIV-endemic category increased dramatically from about 100 cases per year to a peak of 359 cases in 2006 and decreased markedly to about 160 cases in the most recent five years. The number of HIV diagnoses remained relatively stable in the high-risk heterosexual category. Compared to the first half of 2012, HIV diagnoses in the first half of 2013 decreased in all exposure categories: MSM (-14%, 37 fewer cases), MSM-IDU (-25%, 3 fewer case), IDU (-32%, 8 fewer cases), HIV-endemic (-47%, 42 fewer cases), high-risk (-34%, 5 fewer cases), low-risk (-26%, 13 fewer cases) heterosexual and other (-95%, 8 fewer cases).