

Supplementary Table 2. Detection rates and percent distribution by age group, influenza B outcome and season, Canadian SPSN, 2010-11 to 2015-16

Outcome	Age group (years), n (row %, column %)						Total
	0-4	5-19	20-29	30-39	40-64	≥65	
All seasons combined (2010-11 to 2015-16)							
B(Victoria)	53 (8, 5)	265 (41, 12)	139 (22, 8)	71 (11, 4)	77 (12, 2)	34 (5, 3)	639
B(Yamagata)	21 (3, 2)	179 (24, 8)	26 (4, 2)	119 (16, 6)	329 (45, 8)	59 (8, 6)	733
Unknown lineage	10 (5, 1)	60 (27, 3)	34 (15, 2)	29 (13, 2)	71 (32, 2)	17 (8, 2)	221
Influenza A ¹	258 (8, 25)	526 (16, 24)	442 (14, 26)	564 (18, 30)	1150 (36, 29)	256 (8, 24)	3196
Negative control	700 (10, 67)	1137 (16, 52)	1042 (15, 62)	1080 (15, 58)	2340 (33, 59)	701 (10, 66)	7000
Total	1042	2167	1683	1863	3967	1067	11789
2010-11 season							
B(Victoria)	11 (9, 5)	67 (53, 17)	23 (18, 8)	13 (10, 4)	7 (6, 1)	5 (4, 6)	126
B(Yamagata)	0 (0, 0)	0 (0, 0)	0 (0, 0)	1 (33, 0)	2 (67, 0)	0 (0, 0)	3
Unknown lineage	6 (7, 3)	36 (42, 9)	18 (21, 6)	9 (10, 3)	16 (19, 3)	1 (1, 1)	86
Influenza A	62 (11, 29)	86 (15, 22)	90 (16, 29)	120 (21, 38)	179 (32, 32)	27 (5, 31)	564
Negative control	135 (12, 63)	201 (18, 52)	175 (16, 57)	171 (16, 54)	363 (33, 64)	54 (5, 62)	1099
Total	214	388	305	314	594	59	1878
2011-12 season							
B(Victoria)	10 (9, 7)	39 (33, 12)	28 (24, 11)	16 (14, 6)	19 (16, 3)	5 (4, 4)	117
B(Yamagata)	4 (4, 3)	32 (29, 10)	1 (1, 0)	19 (17, 7)	48 (43, 9)	8 (7, 6)	112
Unknown lineage	2 (10, 1)	2 (10, 1)	4 (20, 2)	4 (20, 2)	6 (30, 1)	2 (10, 1)	20
Influenza A	16 (7, 12)	47 (20, 15)	44 (18, 18)	40 (17, 15)	84 (35, 15)	9 (4, 7)	240
Negative control	104 (9, 76)	204 (17, 63)	170 (14, 69)	187 (16, 70)	395 (34, 72)	114 (10, 83)	1174
Total	136	324	247	266	552	138	1663
2012-13 season							
B(Victoria)	0 (0, 0)	18 (36, 6)	15 (30, 6)	3 (6, 1)	7 (14, 1)	7 (14, 4)	50
B(Yamagata)	5 (5, 4)	42 (40, 15)	4 (4, 2)	12 (12, 5)	36 (35, 7)	5 (5, 3)	104
Unknown lineage	0 (0, 0)	3 (19, 1)	0 (0, 0)	4 (25, 2)	7 (44, 1)	2 (13, 1)	16
Influenza A	31 (6, 27)	105 (21, 36)	81 (16, 32)	80 (16, 33)	172 (34, 32)	43 (8, 26)	512
Negative control	80 (9, 69)	120 (13, 42)	153 (17, 60)	145 (16, 59)	316 (34, 59)	108 (12, 65)	922
Total	116	288	253	244	538	165	1604
2013-14 season							
B(Victoria)	0 (0, 0)	1 (20, 0)	2 (40, 1)	0 (0, 0)	1 (20, 0)	1 (20, 1)	5
B(Yamagata)	4 (2, 3)	44 (21, 16)	10 (5, 4)	30 (14, 9)	104 (50, 16)	16 (8, 10)	208
Unknown lineage	0 (0, 0)	4 (19, 1)	0 (0, 0)	2 (10, 1)	9 (43, 1)	6 (29, 4)	21
Influenza A	38 (8, 28)	57 (12, 21)	69 (15, 27)	93 (20, 29)	181 (39, 27)	23 (5, 14)	461
Negative control	94 (9, 69)	168 (15, 61)	171 (15, 68)	193 (17, 61)	367 (33, 55)	113 (10, 71)	1106
Total	136	274	252	318	662	159	1801
2014-15 season							
B(Victoria)	1 (14, 1)	2 (29, 1)	2 (29, 1)	2 (29, 1)	0 (0, 0)	0 (0, 0)	7
B(Yamagata)	7 (3, 4)	40 (19, 10)	6 (3, 2)	36 (17, 12)	104 (49, 13)	19 (9, 7)	212
Unknown lineage	1 (3, 1)	6 (16, 2)	1 (3, 0)	6 (16, 2)	21 (55, 3)	3 (8, 1)	38
Influenza A ¹	42 (6, 22)	137 (20, 36)	67 (10, 26)	91 (14, 29)	232 (35, 30)	101 (15, 37)	670
Negative control	138 (11, 73)	199 (16, 52)	177 (14, 70)	176 (14, 57)	429 (34, 55)	151 (12, 55)	1270
Total	189	384	253	311	786	274	2197
2015-16 season							
B(Victoria)	31 (9, 12)	138 (41, 27)	69 (21, 19)	37 (11, 9)	43 (13, 5)	16 (5, 7)	334
B(Yamagata)	1 (1, 0)	21 (22, 4)	5 (5, 1)	21 (22, 5)	35 (37, 4)	11 (12, 5)	94
Unknown lineage	1 (3, 0)	9 (23, 2)	11 (28, 3)	4 (10, 1)	12 (30, 1)	3 (8, 1)	40
Influenza A ¹	69 (9, 27)	94 (13, 19)	91 (12, 24)	140 (19, 34)	302 (40, 35)	53 (7, 22)	749
Negative control	149 (10, 59)	245 (17, 48)	196 (14, 53)	208 (15, 51)	470 (33, 55)	161 (11, 66)	1429
Total	251	507	372	410	862	244	2646

¹ Outcomes are mutually exclusive. For influenza A and B co-infections (n=7; 2 in 2014-15 and 5 in 2015-16), specimens were counted as part of influenza B (Victoria or Yamagata) outcomes but excluded from influenza A.