

Supplementary Table 3. Detection rates and percent distribution by age group, influenza B outcome and vaccination status,¹ 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	
Unvaccinated participants, all seasons combined (2010-11 to 2015-16)							
B(Victoria)	45 (8, 6)	233 (44, 13)	122 (23, 9)	59 (11, 4)	61 (11, 2)	14 (3, 4)	534
B(Yamagata)	21 (4, 3)	157 (27, 9)	25 (4, 2)	102 (18, 7)	247 (43, 10)	22 (4, 7)	574
Unknown lineage	7 (4, 1)	50 (29, 3)	31 (18, 2)	20 (12, 1)	55 (32, 2)	7 (4, 2)	170
Influenza A ²	211 (9, 26)	450 (18, 25)	392 (16, 28)	469 (19, 33)	824 (34, 32)	95 (4, 28)	2441
Negative control	520 (11, 65)	907 (19, 50)	851 (18, 60)	780 (17, 55)	1407 (30, 54)	197 (4, 59)	4662
Total	804	1797	1421	1430	2594	335	8381
Vaccinated participants, all seasons combined (2010-11 to 2015-16)							
B(Victoria)	5 (6, 3)	23 (28, 8)	13 (16, 6)	8 (10, 2)	12 (15, 1)	20 (25, 3)	81
B(Yamagata)	0 (0, 0)	16 (12, 6)	1 (1, 0)	14 (10, 4)	69 (51, 6)	35 (26, 5)	135
Unknown lineage	1 (3, 1)	7 (18, 2)	3 (8, 1)	7 (18, 2)	12 (31, 1)	9 (23, 1)	39
Influenza A ²	23 (4, 15)	58 (9, 21)	36 (6, 18)	78 (12, 22)	289 (46, 24)	145 (23, 22)	629
Negative control	129 (7, 82)	178 (9, 63)	151 (8, 74)	246 (13, 70)	805 (41, 68)	459 (23, 69)	1968
Total	158	282	204	353	1187	668	2852

¹ Vaccination status defined as receipt of current season's influenza vaccine ≥2 weeks before influenza-like illness (ILI) onset. Participants vaccinated <2 weeks since ILI onset and those with unknown vaccination status or timing were included in the primary analysis but are excluded from Supplemental Table 3.

² 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.