

Pathogen	in cases (% positive)			in controls (% positive)		
	Oct – Dec	Jan – Mar	Apr – Sep	Oct – Dec	Jan – Mar	Apr – Sep
<i>S. pneumoniae</i>	45 (59.2)	84 (46.2)	50 (55.0)	34 (40.0)	47 (40.1)	46 (43.4)
RSV	28 (36.8)	79 (43.4)	15 (16.5)	2 (2.4)	5 (4.4)	0 (0.0)
rhinovirus	23 (30.3)	44 (24.2)	36 (39.6)	23 (27.1)	17 (14.8)	22 (20.8)
<i>S. aureus</i>	19 (25.0)	32 (17.6)	20 (22.0)	22 (25.9)	30 (26.1)	31 (29.3)
bocavirus	5 (6.6)	30 (16.5)	11 (12.1)	5 (5.9)	11 (9.6)	7 (6.6)
influenza virus	3 (4.0)	29 (15.9)	2 (2.2)	0 (0.0)	6 (5.2)	0 (0.0)
parainfluenza virus	12 (15.8)	8 (4.4)	9 (9.9)	2 (2.4)	1 (0.9)	3 (2.8)
adenovirus	7 (9.2)	15 (8.2)	4 (4.4)	7 (8.2)	8 (7.0)	7 (6.6)
coronavirus	3 (4.0)	12 (6.6)	7 (7.7)	9 (10.6)	14 (12.2)	4 (3.8)
metapneumovirus	0 (0.0)	7 (3.9)	7 (7.7)	0 (0.0)	3 (2.6)	0 (0.0)
enterovirus	1 (1.3)	3 (1.7)	8 (8.8)	3 (3.5)	3 (2.6)	4 (3.8)
parechovirus	6 (6.6)	2 (1.1)	0 (0.0)	1 (1.2)	2 (1.7)	0 (0.0)

Supplementary table 1: detection of pathogens by season for cases and controls

RSV: respiratory syncytial virus