

Influenza Cases, Rates and Percentage Hospitalized by Age Group

Highlights

- In 2015/16 overall, one in five individuals with lab-confirmed influenza was hospitalized; 18.8% of influenza A patients and 16.6 % of influenza B patients were hospitalized (Table 1). One hundred twenty-five individuals were hospitalized (not shown).
- In 2015/16, when the H1N1 strain predominated, the highest rate of influenza A was in infants under one year of age, at 405.1 per 100,000 population. Of the 19 cases reported in this age group, 36.8 % were hospitalized.
- In 2014/15, when the H3N2 strain predominated, the highest rate was among adults 65 and older (Table 2). Over 55% of this age category was hospitalized.

Table 1: Influenza by Type and Age Group, Saskatoon Health Region, 2015/16

Age Group	Type A	% Infl A hospitalized	Infl A rate/100K	Type B	% Infl B hospitalized	Infl B rate/100K
<1year	19	36.8	405.1	6	50.0	127.9
1 to 4 years	71	22.5	379.4	11	9.1	58.8
5 to 19 years	74	11.0	116.7	59	11.9	93.1
20 to 44 years	172	9.3	133.5	44	6.8	34.2
45 to 64 years	132	15.2	149.9	18	27.8	20.4
65+ years	63	52.4	136.5	13	46.2	28.2
Total	531	18.8	151.8	151	16.6	43.2

Table 2: Influenza by Type and Age Group, Saskatoon Health Region, 2014/15

Age Group	Type A	% Infl A hospitalized	Infl A rate/100K	Type B	% Infl B hospitalized	Infl B rate/100K
<1year	7	57.1	157.0	4	25.0	89.7
1 to 4 years	35	34.3	196.3	12	8.3	67.3
5 to 19 years	65	12.3	107.0	24	25.0	39.5
20 to 44 years	99	13.1	80.1	40	7.5	32.4
45 to 64 years	68	20.6	79.0	14	21.4	16.3
65+ years	183	55.2	418.7	12	66.7	27.5
Total	457	33.3	131.9	106	20.8	31.5

Source: iPHIS