

Appendix 3

Supplementary Table S1. Minimum incidence rates of SARS-CoV-2, COVID-19, and severe COVID-19 admissions in 2020 among children <18-years of age.

Category	2020 midyear population ¹	Incident admissions (per 100,000 population)		
		All Cases	COVID-19	Severe ² COVID-19
All admissions in children <18-years of age³	7,250,351	3.64	2.07	1.03
Infants (<1 year)	373,629	25.96	16.86	5.62
Preschool (1-5 years)	1,951,453	2.25	1.18	0.56
School age (6-12 years)	2,902,359	1.45	0.93	0.65
Adolescents (13-17 years)	2,022,910	3.81	1.78	1.19
All admissions in children <18-years of age, excluding Alberta⁴	6,273,621	4.21	2.39	1.20
Infants (<1 year)	321,903	30.13	19.57	6.52
Preschool (1-5 years)	1,678,376	2.62	1.37	0.66
School age (6-12 years)	2,510,161	1.67	1.08	0.76
Adolescents (13-17 years)	1,763,181	4.37	2.04	1.36

¹Data retrieved from Statistics Canada. Table 17-10-0005-01 Population estimates on July 1st, by age and sex.¹⁸

²Defined using criteria modified from Dong et al. (2020). Non-severe disease combines mild, and moderate illness; severe disease combines severe and critical illness.

³Admissions represent 68.0% of all admissions reported to the Public Health Agency of Canada (PHAC), though this may be an underestimate given inability to disaggregate admissions of 18-year olds in some jurisdictions (personal communication).

⁴Admissions represent 80.0% of all admissions reported to PHAC, though this may be an underestimate given inability to disaggregate admissions of 18-year olds in some jurisdictions (personal communication).

References

1. Table 17-10-0005-01: Population estimates on July 1st, by age and sex. Ottawa: Statistics Canada. Available: <https://www150.statcan.gc.ca/t1/tbl1/en/cv.action?pid=1710000501> (accessed 2020 Nov. 24).
2. Dong Y, Mo X, Hu Y, et al. Epidemiology of COVID-19 among children in China. *Pediatrics* 2020;145:e20200702.2. Dong Y, Mo X, Hu Y, et al. Epidemiology of COVID-19 among children in China. *Pediatrics* 2020;145:e20200702.