

Appendix D: Respiratory and Gastrointestinal Outbreaks Data

Table 1: Total Number of COVID-19 Outbreaks by Setting and Surveillance Season, Waterloo Region, 2019–2020 to 2023–2024

Surveillance Season	LTC/RH	Hospital	Congregate Setting	Total
2019–2020	39	4	4	47
2020–2021	93	23	47	163
2021–2022	83	38	112	233
2022–2023	109	27	54	190
2023–2024	95	25	34	154
Previous 5 Surveillance Seasons Average (2019–2020 to 2023–2024)	83.8	23.4	50.2	157.4

Source: Ontario Ministry of Health, Public Health Case and Contact Management Solution (CCM). Date Extracted: June 17, 2024.

*Surveillance season starts from approximately September 1 of one year and ends approximately May 31 of the following year.

**The COVID-19 pandemic was declared on March 11, 2020.

Table 2: Total Number of Influenza Outbreaks by Setting and Surveillance Season, Waterloo Region, 2019–2020 to 2023–2024

Surveillance Season	LTC/RH	Hospital	Congregate Setting	Total
2019–2020	6	1	0	7
2020–2021	0	0	0	0
2021–2022	0	0	0	0
2022–2023	8	2	0	10
2023–2024	6	0	0	6
Previous 5 Surveillance Seasons Average (2019–2020 to 2023–2024)	4.0	0.6	0	4.6

Source: 1) integrated Public Health Information System (iPHIS) database, Ontario Ministry of Health. Date Extracted: July 7, 2024. 2) Ontario Ministry of Health, Public Health Case and Contact Management Solution (CCM). Date Extracted: June 17, 2024.

*Surveillance season starts from approximately September 1 of one year and ends approximately May 31 of the following year.

**Caution: 2020–2021 and 2021–2022 counts impact the 5-year average significantly.

Table 3: Total Number of Acute Respiratory Illness (ARI) Outbreaks by Setting and Surveillance Season, Waterloo Region, 2019–2020 to 2023–2024

Surveillance Season	LTC/RH	Hospital	Congregate Setting	Total
2019–2020	75	6	7	88
2020–2021	18	0	0	18
2021–2022	20	0	8	28
2022–2023	63	0	2	65
2023–2024	50	0	1	51
Previous 5 Surveillance Seasons Average (2019–2020 to 2023–2024)	45.2	1.2	3.6	50.0

Source: 1) integrated Public Health Information System (iPHIS) database, Ontario Ministry of Health. Date Extracted: July 7, 2024. 2) Ontario Ministry of Health, Public Health Case and Contact Management Solution (CCM). Date Extracted: June 17, 2024.

*Surveillance season starts from approximately September 1 of one year and ends approximately May 31 of the following year.

**Caution: 2020–2021 counts impact the 5-year average significantly.

Table 4: Total Number of Confirmed Gastrointestinal Outbreaks by Setting and Surveillance Season, Waterloo Region, 2019–2020 to 2023–2024

Surveillance Season	Daycare	LTC/RH	Congregate Setting	Total
2019–2020	42	40	6	88
2020–2021	3	3	0	6
2021–2022	46	5	1	52
2022–2023	81	19	3	103
2023–2024	80	18	1	99
Previous 5 Surveillance Seasons Average (2019–2020 to 2023–2024)	50.4	17.0	2.2	69.6

Source: integrated Public Health Information System (iPHIS) database, Ontario Ministry of Health. Date Extracted: July 7, 2024.

*Surveillance season starts from July 1 of one year and ends June 30 of the following year.

**Caution: 2020–2021 counts impact the 5-year average significantly.