






Pandemic Tracking Indicators February 1, 2022 to April 19, 2022

Indicator	As of February 1, 2022 7 Day Average	As of April 19, 2022 7 Day Average	Sparkline*	Trend**	Interpretation
<p>Wastewater Signal</p> <p>Aggregate wastewater signal for COVID-19 across all sewer shed sites in York Region increased between February 1, 2022 and April 19, 2022.</p>	57	309		▲	Wastewater signals of COVID-19 provide the most sensitive early warning indicators of community-level disease transmission and surge.
<p>Total Hospital Occupancy (ICU and non-ICU)</p> <p>Total hospital occupancy within York Region's three hospitals has reduced between February 1 and April 19, 2022.</p>	165	43		▼	Hospital occupancy is a measure of severe illness and a proxy of community spread. A downward trend indicates a reduction in disease burden on the overall healthcare system.
<p>ICU Occupancy</p> <p>ICU occupancy within York Region's three hospitals has reduced between February 1 and April 19, 2022.</p>	35	5		▼	ICU occupancy is a measure of critically severe illness. A downward trend indicates a reduced need for mechanical ventilation and a reduced burden on the critical care system.
<p>Reported COVID-19 Related Deaths</p> <p>Total deaths reported in York Region due to COVID-19 have decreased between February 1 and April 19, 2022.</p>	1	0		▼	Deaths, including those directly or indirectly attributed to COVID-19, measure the burden of mortality related to the COVID-19 pandemic. A downward trend may also indicate reduced disease virulence.
<p>Institutional Outbreaks</p> <p>Weekly count of confirmed institutional outbreaks has increased between February 1 and April 19, 2022.</p>	95	31		▼	Outbreaks in institutional settings reflects transmission in highest risk settings. A downward trend indicates a reduction in disease burden among vulnerable older and immunocompromised populations.

Notes:

*A sparkline is a small graphic designed to give a quick representation of recent trends

**Trends compare data used in the current Council Memo (as of April 19, 2022) with data used in the most recent past Council Memo (as of February 1, 2022)

York Region Vaccine Coverage February 1, 2022 to April 19, 2022

Vaccination Coverage	As of February 1, 2022	As of April 19, 2022	Change	Impact
Ages 5+ (Dose 1)	83.7%	88.5%	5.7%	Vaccine coverage rates in those ages five and older provide insight into population immunity, as well as pandemic response and public health performance
Ages 5+ (Dose 2)	79.1%	85.6%	8.2%	
Ages 12+ (Dose 3)	47.7%	57.0%	19.5%	
Ages 5 to11 (Dose 2)	20.7%	44.9%	116.9%	Vaccine coverage rates in those ages five to11 reflect immunity within the subgroup of school-aged children
Number of Fourth Doses Administered	2,627	23,638	799.8%	Total fourth dose reflect immunity within the subgroup of residents within highest risk settings
Number of Total Doses Administered	2,013,670	2,617,069	30.0%	Total doses provide insight into overall pandemic response and public health performance