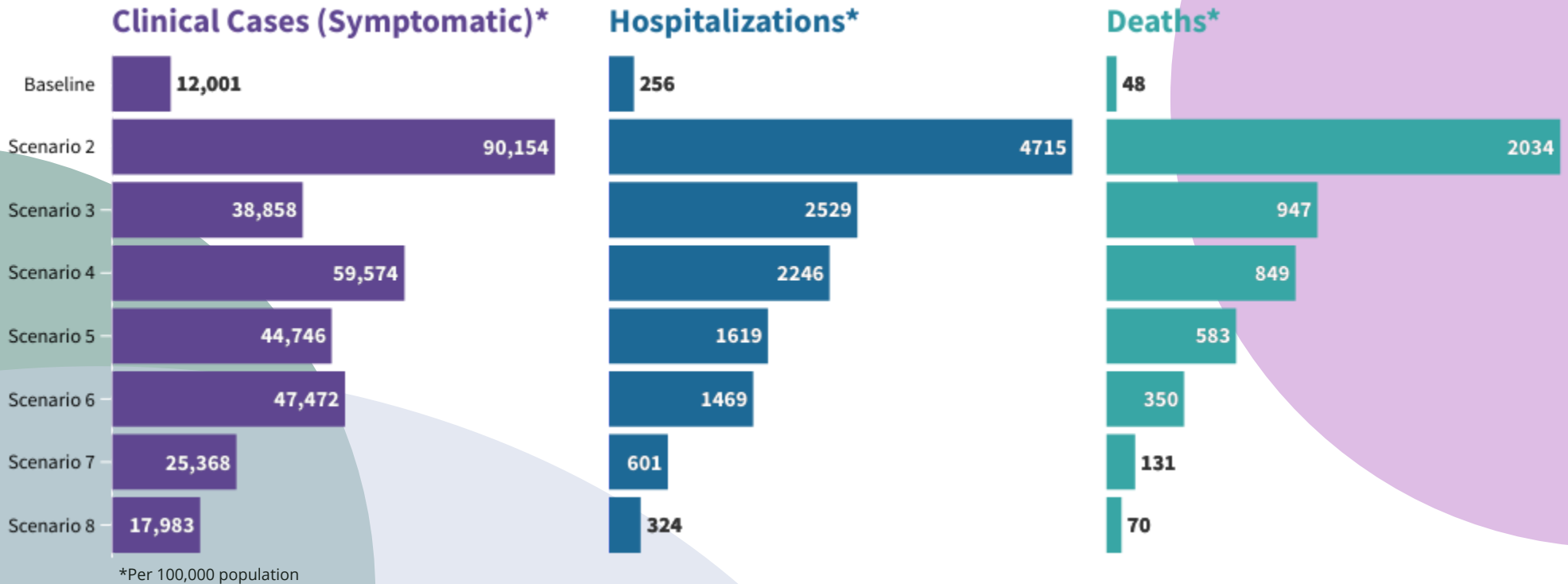


COVID-19 IN CANADA: WHAT COULD HAVE HAPPENED?



National Collaborating Centre
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The Public Health Agency of Canada (PHAC) used an agent-based model to compare different COVID-19 Public Health and vaccination intervention scenarios. **The Canadian response (Baseline) resulted in the lowest number of cases, hospitalization and deaths.**

While Public Health measures (Scenario 3) and vaccination rollout (Scenario 4) individually contributed to lowering severe outcomes, the modelling suggests that **the combination of the two limited morbidity and mortality** in the Canadian population. Further studies, including more regional analyses, will be needed to learn from this pandemic.

INTERVENTION SCENARIOS

	VACCINATIONS	PUBLIC HEALTH MEASURES
BASELINE	✓	Lifted April 2022
SCENARIO 2	✗	Not implemented
SCENARIO 3	✗	Lifted April 2022
SCENARIO 4	✓	Not implemented
SCENARIO 5	✓	Lifted July 2020
SCENARIO 6	✓	Lifted March 2021
SCENARIO 7	✓	Lifted July 2021
SCENARIO 8	✓	Lifted November 2021