



## NEWS RELEASE

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### **Riskthinking.AI Delivers COVIDWISDOM™ to Canadian Government to Help Municipalities with Setting Science-Based Covid-19 Non-Pharmaceutical Intervention (NPI) Policies**

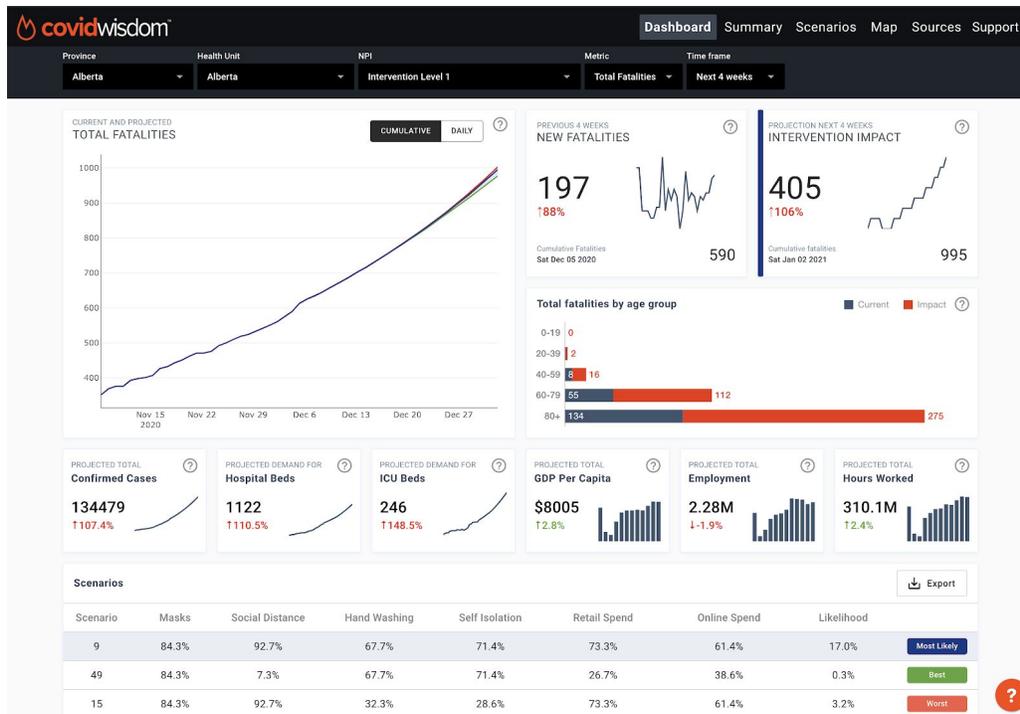
**COVIDWISDOM™ A PRODUCT BY Riskthinking.AI was funded by the Canadian Government and built to help Municipal Policy Makers Manage the Radical Uncertainty Presented by the COVID-19 Pandemic. The Science Based Decision Support Tool uncovers and presents the tradeoffs between impacts on community health and economy as a function of lockdown scenarios.**

With the recent uptick of coronavirus (COVID-19) cases and in the absence of evidence-informed guidance, provincial and municipal policymakers are faced with the potential of making decisions on putting stricter intervention policies in place, with little evidence to support their choices, and with little consideration as to the potentially serious trade-offs that such policies could introduce. Thus, there is an urgent need for a comprehensive and science driven assessment of potential public health interventions to address COVID-19 and when to relax them. What is needed is a tool that can measure the tradeoffs involved between the economic and epidemiological impacts of various lockdown strategies, to enable governments with the tools to manage the pandemic. In May, the Canadian Government through its Supercluster initiative, funded a new tool to help officials estimate the effects of social distancing and other public health interventions used to combat the COVID-19 pandemic.

Today, Riskthinking.AI along with its partners, have announced the release of **COVIDWISDOM™**. The tool combines information from both epidemiological and economic models to estimate the effects of seven different intervention levels on public health metrics

such as cumulative fatalities, peak demand for ICU beds and economic consequences such as employment and even GDP Per Capita.

The tool is designed to help estimate the effects of rolling back policies, as well as instituting new intervention strategies. In general, the tool suggests that reopening segments of the economy by changing intervention levels will likely result in a higher demand on ICU beds and an increase in fatalities of individuals over the age of 60 while providing increases in employment and GDP per Capita.



COVID-19 Decision Support Platform Dashboard

The easy-to-use tool is available to policymakers and is expected to be updated daily as new data becomes available. Researchers created the tool based on COVID-19 data collected from around the world, evidence from past epidemics, peer reviewed literature and intervention impact data from the current pandemic.

The seven Intervention Levels analyzed by the tool vary in intensity from closing schools, and restricting mass gathers to requiring everyone other than essential workers to shelter-at-place.

By selecting a portfolio of strategies, users of the tool can estimate the public health and economic consequences at the provincial and municipal levels of imposing or lifting restrictions. The model will generate estimates for the projected change in coronavirus infections, fatalities, hospital capacity and gross province income.

“The solution being delivered today will provide Canadian policy makers an evidence based, scenario driven tool that will present them with the trade-offs that will help them make decisions to protect their communities during the COVID-19 pandemic. This tool shows the importance of wearing masks and the risks of non-compliance, while helping leaders better appreciate both the economic and public health challenges as they develop recovery roadmaps.” said Ron Dembo, Riskthinking.AI CEO.

Consortium and technology partners contributing on this project include the Massachusetts Institute of Technology (MIT), the Canadian Government, survey data was collected from over 500 citizens across Canada, Mobility Data from Google and dozens of other public and private companies and data providers all worked to deliver **COVIDWISDOM™** in an effort to help save lives.

Access to **COVIDWISDOM™** is available at <https://covidwisdom.riskthinking.AI>

### **About Riskthinking.AI**

Riskthinking.AI combines machine learning and structured expert judgement with scientific and sensor data in order to algorithmically generate forward-looking scenarios which can accurately and consistently capture extreme possibilities of the impacts of pandemics and risks related to climate change. The company is based in Toronto.