

National Advisory Committee on Immunization (NACI)

Submission Criteria for Model-based Economic Evaluations

Version 1.0
February 2022

PROTECTING AND EMPOWERING CANADIANS TO IMPROVE THEIR HEALTH



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TO PROMOTE AND PROTECT THE HEALTH OF CANADIANS THROUGH LEADERSHIP, PARTNERSHIP, INNOVATION AND ACTION IN PUBLIC HEALTH.

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Submission Criteria for Model-based Economic Evaluations

For stakeholders submitting model-based economic evaluations to NACI, the following criteria must be met:

- Follow the *NACI Guidelines for the Economic Evaluation of Vaccination Programs in Canada*. This document will outline the requirements for conducting an economic evaluation including the required perspectives, discount rate, comparator, etc. It also outlines the requirements for the report that should be submitted alongside the model-based economic evaluation.
- Provide full access to programming code (e.g., macros, VBA code). NACI must be able to vary individual parameters, view the calculations, and run the model to generate results. In other words, model must be fully unlocked and executable.
- Use the following software: Excel, TreeAge, R
 - Before using other specialized software, the submitter must contact NACI in advance to ensure the alternative software is acceptable. If acceptable, submitters will receive direction on how the model and software should be provided as part of the submission (e.g., licenses, software), which will be returned to the submitter at the end of the review process, at the submitter's expense.
- Provide basic user information on how to modify input parameters and run the model.
- Ensure model run time is not excessive on a personal computer (i.e., cannot exceed over one business day or 8 hours on a standard computer).

Deviations from these requirements must be discussed with and accepted by NACI in advance of submission. Please contact naci-ccni@phac-aspc.gc.ca to provide complete details of the deviations from these requirements.

Version History

Version	Date	Changes made
V0.0	Jan 2020	Draft approved by Economics Task Group
V0.1	Feb 2020	Draft approved by NACI
V0.2	Sep 2021	Feedback incorporated from public consultation (March – May 2021)
V1.0	Feb 2022	Approved for use by NACI