

[Logic Liaison Template][N3C Covid Enclave] Covid Index Infection and Reinfection Dates README

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README SECTIONS:

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TEMPLATE STATUS:

AS OF MAR, 2024: Initial version of the template generates a dataset with the confirmed Covid-19 cohort and their dates of initial infection and subsequent reinfections. Confirmed Covid-19 is defined as patients with a positive Covid-19 PCR/AG lab test (N3C recommended concept set: ATLAS SARS-CoV-2 rt-PCR and AG) or a U07.1 diagnosis (N3C Recommended concept set: N3C Covid Diagnosis). Initial infection is defined as the earliest occurrence of a positive Covid-19 PCR/AG lab test or U07.1 diagnosis code. Reinfection is defined as a positive Covid-19 PCR/AG lab test at least 60 days from a person's last infection date.

PURPOSE & USE:

This template provides researchers with the dates of a person's Covid-19 index and reinfections. Researchers can customize the reinfection blackout timeframe from the default of 60 days to a value that will fit their research project needs via template parameter input for the variable "reinfection_window" and re-run the pipeline.

If desired, researchers can also import the template into a workbook of their own and convert to code transform to allow for additional criteria that would qualify someone for reinfection status beyond the default positive Covid-19 PCR/AG lab test.

DATA DICTIONARY:

person_id, string: Unique identifier for the N3C patient

infection_number, integer: Number of infections prior to current date. Value of 0 indicating index Covid-19 infection.

infection_date, date: Date of new Covid-19 infection

RELEASE NOTES:

Mar 1, 2024:

Initial template publication