

CDC Coronavirus-DD v1
Definition Factsheet & Technical Brief

Description: This query is designed to identify records with diagnostic codes associated with any Coronavirus, including SARS, MERS, 2019 Novel Coronavirus (COVID-19), other Coronaviruses, and unspecified Coronavirus infections. This includes diagnostic codes (ICD-10, ICD-9, and SNOMED) that are specific to Coronaviruses. It is suggested that the results of this query be interpreted in the context of symptom-based queries for additional context.

New or Revised Definition: New Definition. Updated v1 on April 2, 2020 to remove SNOMED-CT 840534001 2019-nCov vaccination, and added ICD-10-CM U07.1 for COVID-19. Updated v1 on January 8, 2021 to add ICD-10-CM J12.82.

Date Created in ESSENCE: January 8, 2021

Authored by the NSSP Community of Practice.

Table 1. Inclusion and exclusion terms.

Terms	Description
<i>Inclusion</i>	
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)	
B34.2	Coronavirus infection, unspecified
B97.2	Coronavirus as the cause of diseases classified elsewhere
J12.81	Pneumonia due to SARS-associated coronavirus
U07.1	COVID-19
J12.82	Pneumonia due to coronavirus disease 2019
V01.82	Exposure to SARS-associated coronavirus
International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM)	
079.82	SARS-associated coronavirus
480.3	Pneumonia due to SARS-associated coronavirus
SNOMED Concepts	
27619001	Disease caused by Coronaviridae
186747009	Coronavirus infection
651000146102	Middle East respiratory syndrome
713084008	Pneumonia caused by Human coronavirus
398447004	Severe acute respiratory syndrome
408688009	Healthcare associated severe acute respiratory syndrome
441590008	Pneumonia caused by severe acute respiratory syndrome coronavirus
715882005	Severe acute respiratory syndrome of upper respiratory tract
840539006	COVID-19
840544004	Suspected COVID-19
840546002	Exposure to SARS-CoV-2

Terms	Description
840536004	Severe acute respiratory syndrome coronavirus 2 antigen
840535000	Severe acute respiratory syndrome coronavirus 2 antibody
840533007	SARS-CoV-2

Table 2. ESSENCE syntax.

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^[/ ]B34.2^,or,^[/ ]B342^,or,^[/ ]B97.2^,or,^[/ ]B972^,or,^[/ ]J12.81^,or,^[/ ]J1281^,or,^[/ ]079.82[/ ]^,or,^[/ ]079
82[/ ]^,or,^[/ ]480.3[/ ]^,or,^[/ ]4803[/ ]^,or,^[/ ]V01.82[/ ]^,or,^[/ ]V0182[/ ]^,or,^[/ ]27619001[/ ]^,or,^[/ ]1867
47009[/ ]^,or,^[/ ]651000146102[/ ]^,or,^[/ ]713084008[/ ]^,or,^[/ ]398447004[/ ]^,or,^[/ ]408688009[/ ]^,or,^[/ ]
441590008[/ ]^,or,^[/ ]715882005[/ ]^,or,^[/ ]840539006[/ ]^,or,^[/ ]840544004[/ ]^,or,^[/ ]840546002[/ ]^,or,^[/ ]
840536004[/ ]^,or,^[/ ]840535000[/ ]^,or,^[/ ]840533007[/ ]^,or,^[/ ]U07.1^,or,^[/ ]U071^,or,^[/ ]J12.82^,or,^[/ ]
J1282^
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