

COVID-Like Illness Syndrome Definition

COVID-like illness (CLI) is defined as emergency department (ED) visits with the chief complaint field containing specific terms (see table below), or have specifically coded ED discharge diagnoses (see table below), and do not meet specific chief complaint, or discharge diagnosis code exclusions (see table below).

Table: Chief complaint terms and diagnosis codes related to COVID-19 and coronavirus.

Variable Type	Terms/Codes	Description
Inclusions		
Chief Complaint		Fever or chills with cough, difficulty breathing, shortness of breath
Discharge Diagnosis: ICD-10-CM code for fever (*) in combination with other symptoms (**)	R50.9*	Fever, unspecified
	R05**	Cough
	R06.02**	Shortness of breath
	R07.0**	Pain in throat
Discharge Diagnosis: 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
	J98.8	Other specified respiratory disorders
	J22	Unspecified acute lower respiratory infection
	J80	Acute respiratory distress syndrome
Discharge Diagnosis: ICD-9-CM	079.82	SARS-associated coronavirus
	480.3	Pneumonia due to SARS-associated coronavirus
	V01.82	Exposure to SARS-associated coronavirus
Discharge Diagnosis: SNOMED CT	27619001	Disease caused by Coronaviridae
	186747009	Coronavirus infection
	651000146102	Middle East respiratory syndrome
	713084008	Pneumonia caused by Human coronavirus
	715882005	Severe acute respiratory syndrome of upper respiratory tract
	840539006	COVID-19
	840544004	Suspected COVID-19
	840546002	Exposure to SARS-CoV-2
	840536004	Severe acute respiratory syndrome coronavirus 2 antigen
	840535000	Severe acute respiratory syndrome coronavirus 2 antibody
840533007	SARS-CoV-2	
Exclusions		
Chief complaint denying COVID symptoms		Denies: cough, fever, shortness of breath, nausea, vomiting, sore throat, diarrhea, abdominal pain, cold, COVID exposure
Discharge Diagnosis: ICD-10-CM	J09	Influenza due to certain identified influenza viruses
	J10	Influenza due to other identified influenza viruses
	J11	Influenza due to unidentified influenza virus
Discharge Diagnosis: ICD-9-CM	487.0	Influenza with pneumonia
	487.1	Influenza with other respiratory manifestations
	487.8	Influenza with other manifestations

	488.01	Influenza due to identified avian influenza virus with pneumonia
	488.09	Influenza due to identified avian influenza virus with other manifestations
	488.11	Influenza due to identified 2009 H1N1 influenza virus with pneumonia
	488.19	Influenza due to identified 2009 H1N1 influenza virus with other manifestations
	488.81	Influenza due to identified novel influenza A virus with pneumonia
	488.89	Influenza due to identified novel influenza A virus with other manifestations
Discharge Diagnosis: SNOMED CT	442696006	Influenza caused by Influenza A virus subtype H1N1
	442438000	Influenza caused by Influenza A virus
	6142004	Influenza
	195878008	Pneumonia and influenza