

Travel and Exposure Elements

Element	Title	Description
eHistory.901	Recent Travel	Prior to symptom onset, did the patient travel outside their community? The time frame "prior to symptom onset" and the term "community" are defined by state or local jurisdictions.
eHistory.902	Recent Local Travel	Document all places and locations the patient has traveled to that might have posed a significant threat of exposure prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. (Max Length of 255)
eHistory.903	Recent Exposure to Infectious Disease	Prior to symptom onset, has the patient had close contact with someone with similar symptoms or a confirmed diagnosis of the illness for which you are screening? The time frame "prior to symptom onset" is defined by state or local jurisdictions.
eHistory.904	Recent International Travel	Document all the countries (outside the US) the patient has traveled to prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. Use NEMESIS data type ANSICountryCode.
eHistory.905	Recent State Travel	Document all the states the patient has traveled to prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. Use NEMESIS data type ANSISStateCode.
eHistory.906	Recent City Travel	Document all the cities the patient has traveled to prior to symptom onset. The time frame "prior to symptom onset" is defined by state or local jurisdictions. Use NEMESIS data type CityGnisCode

- Please note that for travel and exposure-related national custom elements, states or local jurisdictions are required to define the time frame "prior to symptom onset" based on the incubation period of the pathogen under consideration.
- In addition, states or local jurisdictions must define "community" to best characterize the geographic area considered the current exposure zone. National custom elements/values related to travel are "specific" allowing for state adoption of few (or many) elements as an outbreak/epidemic/pandemic escalates and/or identification criteria change.
- Custom Elements (National or State) are not sent to the National EMS Data Repository.

Additional Values

Element	Value
eOther.03: PPE Used	Gown Face Shield Isolation Coveralls
eDisposition.21: Type of Destination	Alternate Care Site
eDisposition.24: Destination Team Pre-Arrival Alert	Yes – Biological/Infectious Precautions
dFacility.01: Type of Facility	Alternate Care Site
eVitals.25: Temperature Method	Central (Venous or Arterial), Esophageal, Oral, Rectal, Temporal Artery, Tympanic, Urinary Catheter

Recommendation of ICD-10-CM Codes

CODE	ICD-10 DEFINITION	USE CASE	EMS LABEL	DATA ELEMENTS
Z20.828	Contact with and (suspected) exposure to other viral communicable diseases	Use when the patient is known or suspected to have been exposed to someone with COVID-19.	Infectious disease exposure with a confirmed case	Secondary Impression Medical/Surgical History
Z20.9	Contact with and (suspected) exposure to unspecified communicable disease	Use when the patient is suspected to have been exposed to an infectious disease, but the EMS clinician does not know if it was COVID-19. The patient has symptoms but exposure is unknown.	Infectious disease suspected – unknown exposure	Secondary Impression Medical/Surgical History
B97.29	Other coronavirus as the cause of diseases classified elsewhere	Use for positive COVID-19 diagnosis. U07.1 (recommended by the CDC) will cause NEMESIS compliant XML to fail.	COVID-19 – Confirmed by testing	Secondary Impression Medical/Surgical History

Resources

CDC Official Coding Guidelines

<https://www.cdc.gov/nchs/data/icd/ICD-10-CM-Official-Coding-Gudance-Interim-Advice-coronavirus-feb-20-2020.pdf> (<https://tinyurl.com/u4e29el>)

Coronavirus COVID-19 Global Cases by Johns Hopkins

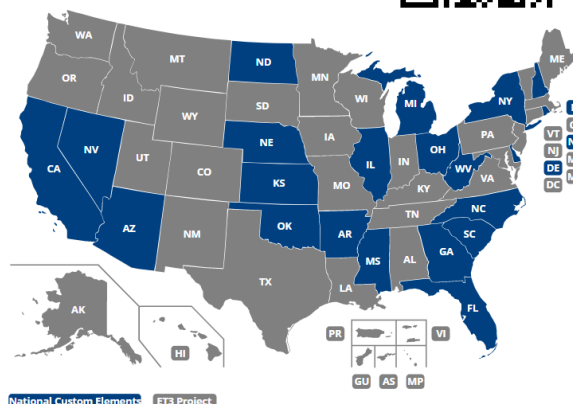
<https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6> (<https://tinyurl.com/uwns6z5>)

CDC Announcement New ICD Code for Coronavirus 2-20-2020

<https://www.cdc.gov/nchs/data/icd/Announcement-New-ICD-code-for-coronavirus-2-20-2020.pdf> (<https://tinyurl.com/sgkkgwq>)

CDC Announcement New ICD Code for Coronavirus 3-18-2020

<https://www.cdc.gov/nchs/data/icd/Announcement-New-ICD-code-for-coronavirus-3-18-2020.pdf> (<https://tinyurl.com/unrurqr>)



Elements and Values based on
NEMESIS Data Dictionary Version 3.4.0

<https://nemsis.org/media/CustomElementLibrary/>