## Michigan Interim 2019 Novel Coronavirus (2019-nCoV) Patient Under Investigation (PUI) Cover Sheet January 2020

Please use the attached CDC Interim 2019 novel coronavirus (2019-nCoV) patient under investigation (PUI) form. Specimens must be approved by the Michigan Department of Health & Human Services (MDHHS) Communicable Disease Division (517) 335-8165 prior to submission to the MDHHS Bureau of Laboratories (BOL). The completed CDC PUI Form with intact cover sheet (with patient identifiers below) should be faxed to the MDHHS Communicable Disease Division at (517) 335-8263.

(This cover sheet with patient identifiers will be removed by MDHHS before sending the PUI Form to the CDC.)

## Patient Information:

First name	_Last nam	e			
MDSS ID number (MDHHS use):_					
Date of birth//	Age	Sex:	□Female	□Male	
Street address		City		County	
Patient phone number(s):					
Healthcare Facility Name:		Hospita	l ID (Medical	Record) number	

For additional information about 2019 Novel Coronavirus, please see: <a href="https://www.cdc.gov/coronavirus/2019-ncov/index.html">https://www.cdc.gov/coronavirus/2019-ncov/index.html</a>

PROVIDERS: DO NOT TEAR OFF THIS COVER SHEET PLEASE KEEP ATTACHED TO THE CDC PUI FORM when you fax to MDHHS Communicable Disease Division at 517-335-8263



Internal use

CDC nCoV ID \_\_\_\_\_

\_\_\_\_

## Interim 2019 novel coronavirus (2019-nCoV) patient under investigation (PUI) form

Today's date							
State patient MDSS ID NNDSS ID	State County						
Interviewer's name	Phone Email						
Physician's name	_ Phone Pager or	r Email					
Sex $\Box$ M $\Box$ F Age yr $\Box$ mo Residency	□ US resident □ Non-US resident, country_						
PUI Criteria Date of symptom onset							
Does the patient have the following signs and symptoms							
□ Fever <sup>1</sup> □ Cough □ Sore throat □ Shortness of bre	ath						
In the 14 days before symptom onset, did the patient:							
Spend time in Wuhan City, China?		🗆 Y 🗆 N 🗆 Unknown					
Does the patient live in Wuhan City? $\Box$ Y $\Box$ N $\Box$ Ur							
Date traveled to Wuhan City Date traveled from Wuhan City Date arrived in US							
Have close contact <sup>2</sup> with a person who is under investigation	on for 2019-nCoV while that person was ill?	🗆 Y 🗆 N 🗆 Unknown					
Have close contact <sup>2</sup> with a laboratory-confirmed 2019-nC	oV case while that case was ill?	🗆 Y 🗆 N 🗆 Unknown					
Additional Patient Information							
Is the patient a health care worker?  Y N Unk							
Have history of being in a healthcare facility (as a patient							
Is patient a member of a cluster of patients with severe a	acute respiratory illness (e.g., fever and pneum	onia requiring hospitalization) of					
unknown etiology in which nCoV is being evaluated?		🗆 Y 🗆 N 🗆 Unknown					
Does the patient have these additional signs and sympto	ms (check all that apply)?						
□ Chills □ Headache □ Muscle aches □ Vomiting	🗆 Abdominal pain 🛛 Diarrhea 🖾 Other, Spec	cify					
<b>Diagnosis (select all that apply):</b> Pneumonia (clinical or radiologic) $\Box$ Y $\Box$ N Acute respiratory distress syndrome $\Box$ Y $\Box$ N							
Diagnosis (select all that apply): Pneumonia (clinical or ra	diologic) 🗆 Y 🗆 N 🛛 Acute respiratory distress						
		syndrome 🗆 Y 🗆 N					
<b>Comorbid conditions (check all that apply):</b>	Unknown 🛛 Pregnancy 🗆 Diabetes 🗆 Cardiad	syndrome □Y □N c disease □Hypertension					
Comorbid conditions (check all that apply): □ None □ □ Chronic pulmonary disease □ Chronic kidney disease	Unknown   Pregnancy  Diabetes  Cardiac  Chronic liver disease  Immunocompro	syndrome □Y □N c disease □Hypertension					
Comorbid conditions (check all that apply):  None Chronic pulmonary disease Is/was the patient: Hospitalized?  Y, admit date	Unknown  Pregnancy  Diabetes Cardiad Chronic liver disease  Immunocompro N Admitted to ICU?  Y  N	syndrome □Y □N c disease □Hypertension					
Comorbid conditions (check all that apply):       None         □ Chronic pulmonary disease       □ Chronic kidney disease         Is/was the patient:       Hospitalized?       □ Y, admit date         Intubated?       □ Y       □ N       On ECMO?       □ Y       □ N	Unknown Pregnancy Diabetes Cardiad Chronic liver disease Immunocompro N Admitted to ICU? Y N died? Y N	syndrome □Y □N c disease □ Hypertension mised □ Other, specify					
Comorbid conditions (check all that apply):  None Chronic pulmonary disease Chronic kidney disease Is/was the patient: Hospitalized?  Y, admit date Intubated?  Y  N  On ECMO?  Y  N  Patient Does the patient have another diagnosis/etiology for the	Unknown Pregnancy Diabetes Cardiad Chronic liver disease Immunocompro N Admitted to ICU? Y N died? Y N	syndrome □Y □N c disease □ Hypertension mised □ Other, specify					
Comorbid conditions (check all that apply):       None         □ Chronic pulmonary disease       □ Chronic kidney disease         Is/was the patient:       Hospitalized?       □ Y, admit date         Intubated?       □ Y       □ N       On ECMO?       □ Y       □ N	Unknown Pregnancy Diabetes Cardiad Chronic liver disease Immunocompro N Admitted to ICU? Y N died? Y N	syndrome □Y □N c disease □ Hypertension mised □ Other, specify					
Comorbid conditions (check all that apply):  None Chronic pulmonary disease Chronic kidney disease Is/was the patient: Hospitalized?  Y, admit date Intubated?  Y  N  On ECMO?  Y  N  Patient Does the patient have another diagnosis/etiology for the Respiratory diagnostic results	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         cdied?       Y       N         eir respiratory illness?       Y, Specify         done       Test       Pos	syndrome					
Comorbid conditions (check all that apply):       None         Chronic pulmonary disease       Chronic kidney disease         Is/was the patient:       Hospitalized?       Y, admit date         Intubated?       Y       N       On ECMO?       Y       N       Patient         Does the patient have another diagnosis/etiology for the Respiratory diagnostic results       Test       Pos       Neg       Pending       Not         Influenza rapid Ag       A       B       Image: Comparison of the patient of	Unknown       Pregnancy       Diabetes       Cardiad         Image: Chronic liver disease       Immunocompro         Immunocompro       Immunocompro         Immunocompro       Immunocompro         Immunocompro       Immunocompro         Immunocompro       Immunocomp	syndrome					
Comorbid conditions (check all that apply):       None         Chronic pulmonary disease       Chronic kidney disease         Is/was the patient:       Hospitalized?       Y, admit date         Intubated?       Y       N       On ECMO?       Y       N       Patient         Does the patient have another diagnosis/etiology for the Respiratory diagnostic results       Test       Pos       Neg       Pending       Not         Influenza rapid Ag       A       B       Image: Comparison of the patient of	Unknown       Pregnancy       Diabetes       Cardiad         Image: Chronic liver disease       Immunocompro         Image: Chronic liver disease       Immunocompro	syndrome					
Comorbid conditions (check all that apply):       None         Chronic pulmonary disease       Chronic kidney disease         Is/was the patient:       Hospitalized?       Y, admit date         Intubated?       Y       N       On ECMO?       Y       N       Patient         Does the patient have another disposis/etiology diagnostic results       Test       Pos       Neg       Pending       Not         Influenza rapid Ag       A       B       Image: All the state of	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro          N       Admitted to ICU?       Y       N         : died?       Y       N         eir respiratory illness?       Y, Specify          Rhinovirus/enterovirus	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown <u>Neg Pending Not done</u> 					
Comorbid conditions (check all that apply):       None         Chronic pulmonary disease       Chronic kidney disease         Is/was the patient:       Hospitalized?       Y, admit date         Intubated?       Y       N       On ECMO?       Y       N       Patient         Does the patient have another diagnosis/etiology for the Respiratory diagnostic results       Test       Pos       Neg       Pending       Not         Influenza rapid Ag       A       B       Image: Comparison of the patient of the pa	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         died?       Y       N         eir respiratory illness?       Y, Specify         done       Test       Pos         Rhinovirus/enterovirus       Coronavirus (OC43, 229E,	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown <u>Neg Pending Not done</u>             					
Comorbid conditions (check all that apply):       None         Chronic pulmonary disease       Chronic kidney disease         Is/was the patient:       Hospitalized?       Y, admit date         Intubated?       Y       N       On ECMO?       Y       N       Patient         Does the patient have another diagnostic results       Test       Pos       Neg       Pending       Not         Influenza rapid Ag       A       B       Image: Comparison of the patient is a comparison	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         died?       Y       N         eir respiratory illness?       Y, Specify         Adnitus/enterovirus       Coronavirus (OC43, 229E,         HKU1, NL63)       M. pneumoniae	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown    N    Unknown					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized? Y, admit date   Intubated? Y N On ECMO? Y N Patient   Does the patient have another disposis/etiology for the Respiratory diagnostic results Non Pending Not   Influenza rapid Ag A B I I I   Influenza PCR A B I I I   RSV I I I I I   Parainfluenza (1-4) I I I I	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro          N       Admitted to ICU?       Y       N         cided?       Y       N         eir respiratory illness?       Y, Specify          Rhinovirus/enterovirus           Coronavirus (OC43, 229E,	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown <u>Neg Pending Not done</u>             					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized? Y, admit date   Intubated? Y N On ECMO? Y N Patient   Does the patient have another disposis/etiology for the Respiratory diagnostic results Non Pending Not   Influenza rapid Ag A B I I I   Influenza PCR A B I I I   RSV I I I I I   Parainfluenza (1-4) I I I I	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         clied?       Y       N         eir respiratory illness?       Y, Specify	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown    N    Unknown					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized?   Y, admit date   Intubated? N   On ECMO? Y   N Patient   Does the patient have another disposis/etiology for the Respiratory diagnostic results   Test Pos   Neg Pending   Influenza rapid Ag A   A Influenza PCR   A Influenza (1-4)   Adenovirus I	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         died?       Y       N         eir respiratory illness?       Y, Specify         Adnitted to ICU?       Y       N         eir respiratory illness?       Y, Specify         Coronavirus/enterovirus       Coronavirus (OC43, 229E, Immunocompro)         HKU1, NL63)       M. pneumoniae       C. pneumoniae         Other, Specify       Other, Specify       Immunocompro)	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown    N    Unknown					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized? Y, admit date   Intubated? Y N N ECMO? Y N   Poes the patient have another diagnostic results Pending Not   Influenza rapid Ag A B I I I   Influenza PCR A B I I I   Parainfluenza (1-4) I I I I   Specimens for 2019-nCoV testing I I I I	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro          N       Admitted to ICU?       Y       N         cdied?       Y       N       N         eir respiratory illness?       Y, Specify       N         done       Test       Pos         Rhinovirus/enterovirus       Coronavirus (OC43, 229E, Immunocompro)       HKU1, NL63)         M. pneumoniae       Cother, Specify       Other, Specify         Other, Specify       Other, Specify       D	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown Neg Pending Not done                                                    					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized?   Intubated? Y   N On ECMO?   Pos Neg   Pending Not   Influenza rapid Ag A   RSV Influenza PCR   H. metapneumovirus Influenza (1-4)   Parainfluenza (1-4) Influenza   Specimen type Specimen ID   Date collected Sent to	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         clied?       Y       N         eir respiratory illness?       Y, Specify         done       Test       Pos         Rhinovirus/enterovirus       Coronavirus (OC43, 229E, Immunociae)       HKU1, NL63)         M. pneumoniae       Cother, Specify       Diabetes         Other, Specify       Specimen ID       Stool	syndrome   Y   N c disease   Hypertension mised   Other, specify   N   Unknown Neg Pending Not done                                 Date collected Sent to CDC?					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized? Y, admit date   Intubated? Y N On ECMO? Y N   Poes the patient have another disposis/etiology for the Respiratory diagnostic results Pos Pending Not   Influenza rapid Ag A B I I I   Influenza rapid Ag A B I I I   RSV I I I I I   Parainfluenza (1-4) I I I I   Speciment Solution Speciment ID Date collected Sent to	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         clied?       Y       N         eir respiratory illness?       Y, Specify         done       Test       Pos         Rhinovirus/enterovirus       Coronavirus (OC43, 229E, Immunocompro)       Immunocompro)         HKU1, NL63)       M. pneumoniae       Immunocompro)         Cother, Specify       Diabetes       Specimen ID         Stool       Urine       Stool       Stool	syndrome   Y   N c disease   Hypertension mised   Other, specify   N   Unknown Neg Pending Not done                           Date collected Sent to CDC?					
Comorbid conditions (check all that apply): None   Chronic pulmonary disease Chronic kidney disease   Is/was the patient: Hospitalized? Y, admit date   Intubated? Y N On ECMO? Y N   Poes the patient have another diagnosis/etiology for the Respiratory diagnostic results Not Not   Influenza rapid Ag A B Influenza rapid Ag A B Influenza   RSV Influenza (1-4) Influenza (1-4) Influenza (1-4) Influenza Influenza   Specimen type Specimen ID Date collected Sent to   NP swab Influenze Influenze Influenze Influenze	Unknown       Pregnancy       Diabetes       Cardiad         Chronic liver disease       Immunocompro         N       Admitted to ICU?       Y       N         died?       Y       N         eir respiratory illness?       Y, Specify         done       Test       Pos         Rhinovirus/enterovirus       Coronavirus (OC43, 229E, Immunocompro)       Immunocompro)         Coronavirus (OC43, 229E, Immunocompro)       Immunocompro)       Immunocompro)         M. pneumoniae       Immunocompro)       Immunocompro)         CDC?       Specimen type       Specimen ID         Stool       Urine       Serum       Immunocompro)         Other, specify       Other, specify       Immunocompro)	syndrome    Y    N c disease    Hypertension mised    Other, specify    N    Unknown Neg Pending Not done             N    Unknown Neg Pending Not done             Date collected Sent to CDC? 					

<sup>1</sup> Fever may not be present in some patients, such as those who are very young, elderly, immunosuppressed, or taking certain medications. Clinical judgement should be used to guide testing of patients in such situations

<sup>2</sup> Close contact is defined as: a) being within approximately 6 feet (2 meters) or within the room or care area for a prolonged period of time (e.g., healthcare personnel, household members) while not wearing recommended personal protective equipment (i.e., gowns, gloves, respirator, eye protection); or b) having direct contact with infectious secretions (e.g., being coughed on) while not wearing recommended personal protective equipment. Data to inform the definition of close contact are limited. At this time, brief interactions, such as walking by a person, are considered low risk and do not constitute close contact.